

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085289.D
 Acq On : 23 Dec 2024 12:49
 Operator : JC\MD
 Sample : VN1223WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBS01

Quant Time: Dec 24 04:07:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/26/2024
 Supervised By : Mahesh Dadoda 12/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	179344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	307566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	262876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	136190	43.447	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.900%		
35) Dibromofluoromethane	8.165	113	100299	46.384	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.760%		
50) Toluene-d8	10.565	98	381215	48.235	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.460%		
62) 4-Bromofluorobenzene	12.841	95	120359	42.637	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	85.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	51314	17.961	ug/l	95
3) Chloromethane	2.359	50	49796	18.285	ug/l	99
4) Vinyl Chloride	2.518	62	50295	19.712	ug/l	98
5) Bromomethane	2.971	94	29814	17.812	ug/l	97
6) Chloroethane	3.130	64	30998	19.288	ug/l	99
7) Trichlorofluoromethane	3.500	101	70031	16.996	ug/l	98
8) Diethyl Ether	3.965	74	22290	17.223	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.383	101	40731	18.431	ug/l	98
10) Methyl Iodide	4.589	142	43744	17.361	ug/l	92
11) Tert butyl alcohol	5.506	59	24706	56.739	ug/l	99
12) 1,1-Dichloroethene	4.342	96	37048	18.099	ug/l	92
13) Acrolein	4.177	56	55105	109.892	ug/l	98
14) Allyl chloride	5.024	41	57765	16.295	ug/l	97
15) Acrylonitrile	5.712	53	86828	73.212	ug/l	98
16) Acetone	4.424	43	72358	66.873	ug/l #	85
17) Carbon Disulfide	4.712	76	113798	16.290	ug/l	98
18) Methyl Acetate	5.012	43	44115	14.401	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	111609	15.907	ug/l	97
20) Methylene Chloride	5.271	84	41881	17.695	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	38442	17.033	ug/l	98
22) Diisopropyl ether	6.665	45	135033	17.855	ug/l	96
23) Vinyl Acetate	6.600	43	462777	79.192	ug/l	97
24) 1,1-Dichloroethane	6.565	63	77534	17.699	ug/l	98
25) 2-Butanone	7.477	43	109471	66.065	ug/l	98
26) 2,2-Dichloropropane	7.483	77	67543	16.651	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	44678	17.003	ug/l	99
28) Bromochloromethane	7.812	49	45603	20.641	ug/l	99
29) Tetrahydrofuran	7.830	42	74405	69.659	ug/l	99
30) Chloroform	7.965	83	77958	16.664	ug/l	99
31) Cyclohexane	8.253	56	70619	17.413	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	68546	16.439	ug/l	97
36) 1,1-Dichloropropene	8.365	75	54087	17.963	ug/l	99
37) Ethyl Acetate	7.559	43	48324	13.912	ug/l	98
38) Carbon Tetrachloride	8.353	117	60254	16.551	ug/l	100
39) Methylcyclohexane	9.600	83	55635	17.757	ug/l	93
40) Benzene	8.600	78	167691	17.902	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	26076	14.730	ug/l	96
42) 1,2-Dichloroethane	8.671	62	59324	16.627	ug/l	98
43) Isopropyl Acetate	8.682	43	80871	12.731	ug/l	96
44) Trichloroethene	9.347	130	36736	17.616	ug/l	99
45) 1,2-Dichloropropane	9.618	63	41305	17.810	ug/l	95
46) Dibromomethane	9.700	93	28109	16.978	ug/l	99
47) Bromodichloromethane	9.882	83	59955	16.902	ug/l	94
48) Methyl methacrylate	9.677	41	37263	14.310	ug/l	97
49) 1,4-Dioxane	9.688	88	11194	272.647	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	234804	70.348	ug/l	100
52) Toluene	10.624	92	99833	17.725	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	58009	16.777	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	64115	17.441	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	36305	17.215	ug/l	99
56) Ethyl methacrylate	10.871	69	50326	14.226	ug/l	99
57) 1,3-Dichloropropane	11.159	76	64006	17.244	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	122654	75.994	ug/l	100
59) 2-Hexanone	11.188	43	160046	67.267	ug/l	99
60) Dibromochloromethane	11.353	129	41369	16.551	ug/l	98
61) 1,2-Dibromoethane	11.465	107	34788	16.015	ug/l	97
64) Tetrachloroethene	11.100	164	33703	19.053	ug/l	94
65) Chlorobenzene	11.888	112	107807	18.244	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.953	131	37689	18.282	ug/l	96
67) Ethyl Benzene	11.959	91	179379	17.711	ug/l	100
68) m/p-Xylenes	12.065	106	139162	36.737	ug/l	97
69) o-Xylene	12.394	106	63965	17.965	ug/l	97
70) Styrene	12.406	104	107083	18.015	ug/l	97
71) Bromoform	12.576	173	25621	15.855	ug/l #	99
73) Isopropylbenzene	12.694	105	159310	18.322	ug/l	100
74) N-amyl acetate	12.488	43	65238	15.022	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	48954	15.802	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	48868m	17.009	ug/l	
77) Bromobenzene	12.976	156	38707	16.955	ug/l	96
78) n-propylbenzene	13.029	91	194658	18.254	ug/l	100
79) 2-Chlorotoluene	13.117	91	119545	17.657	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	137030	18.894	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	16273m	15.039	ug/l	
82) 4-Chlorotoluene	13.217	91	120323	17.562	ug/l	98
83) tert-Butylbenzene	13.435	119	110671	17.994	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	136564	18.422	ug/l	98
85) sec-Butylbenzene	13.612	105	161694	18.857	ug/l	100
86) p-Isopropyltoluene	13.723	119	131186	17.142	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	74210	17.652	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	75152	17.276	ug/l	98
89) n-Butylbenzene	14.053	91	108194	17.157	ug/l	100
90) Hexachloroethane	14.329	117	26659	16.924	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	69887	17.873	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.711	75	8338	14.034	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	31626	15.800	ug/l	98
94) Hexachlorobutadiene	15.494	225	15805	15.192	ug/l	95
95) Naphthalene	15.629	128	82661	12.470	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	30513	15.262	ug/l	98

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QLast Update : Thu Dec 19 06:31:00 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

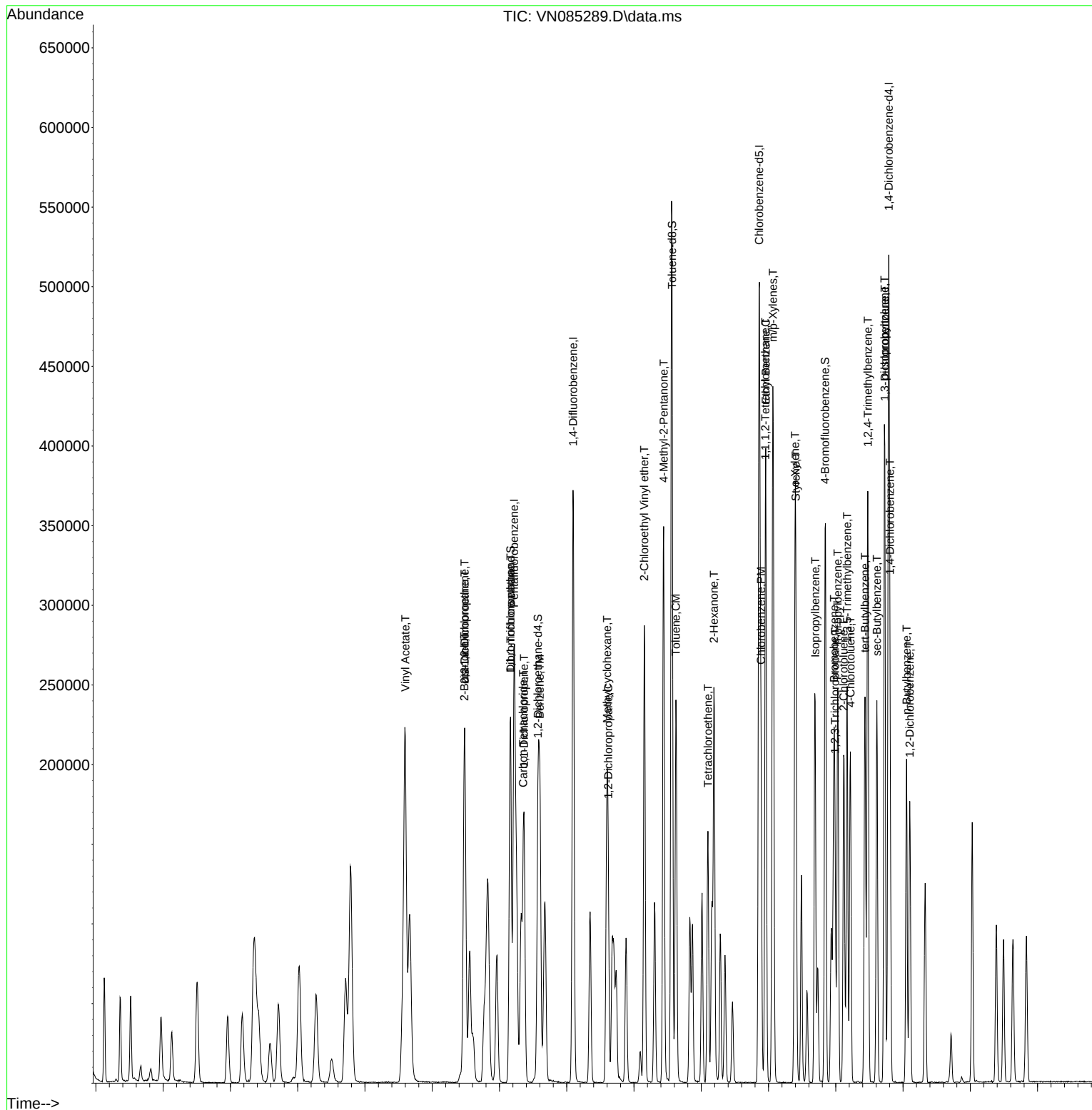
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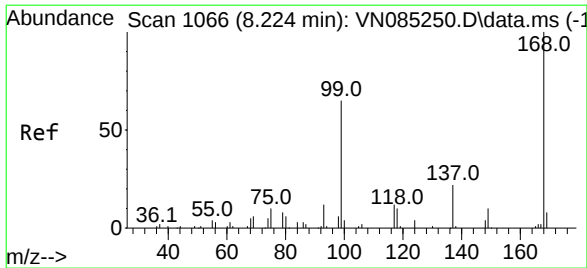
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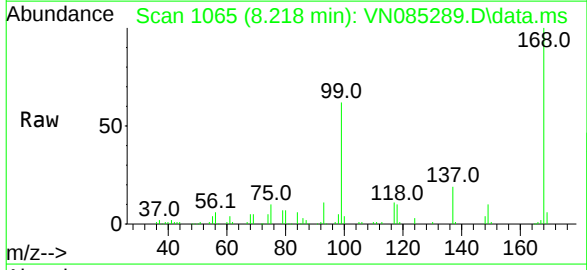
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#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.000 min
 Lab File: VN085289.D
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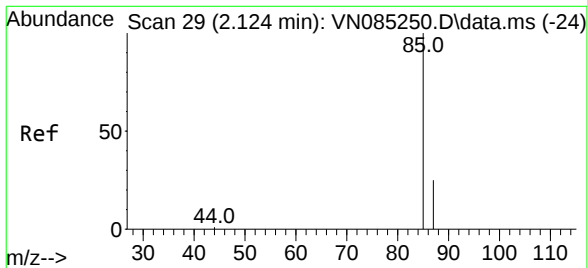
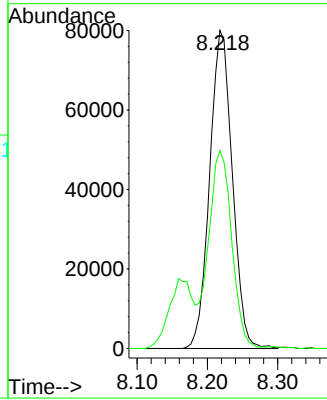
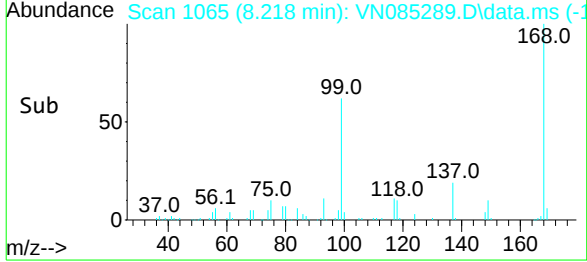
Instrument :
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 ClientSampleId :
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Tgt Ion:168 Resp: 179344
 Ion Ratio Lower Upper
 168 100
 99 61.8 50.7 76.1

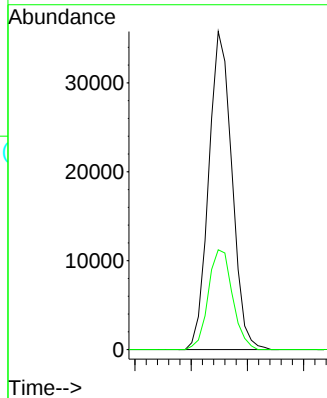
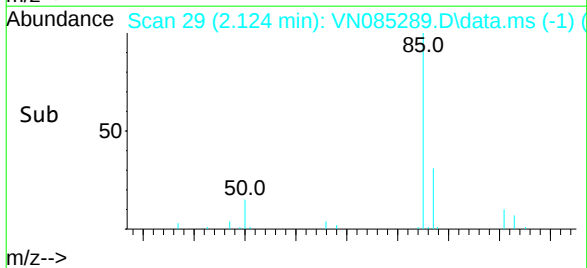
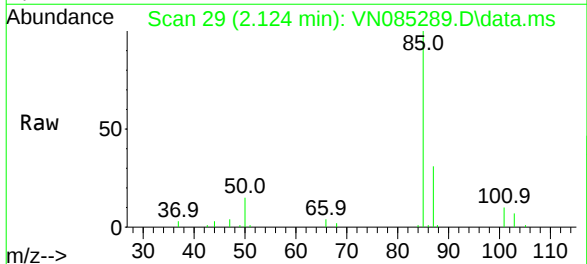
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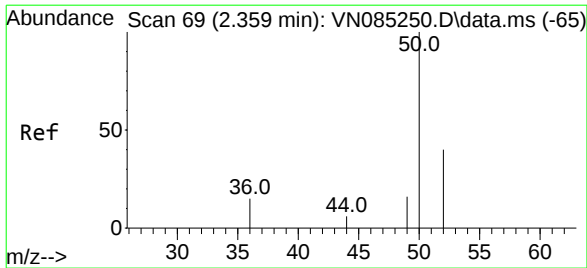
Reviewed By :John Carlone 12/26/2024
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#2
 Dichlorodifluoromethane
 Concen: 17.961 ug/l
 RT: 2.124 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VN085289.D
 Acq: 23 Dec 2024 12:49

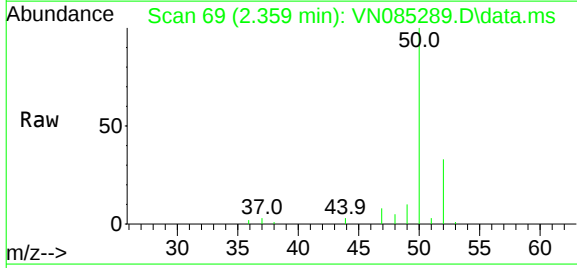
Tgt Ion: 85 Resp: 51314
 Ion Ratio Lower Upper
 85 100
 87 31.4 17.1 51.3





#3
Chloromethane
Concen: 18.285 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

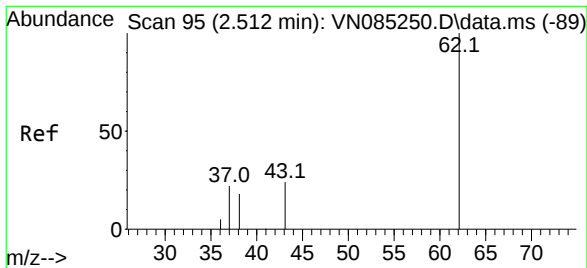
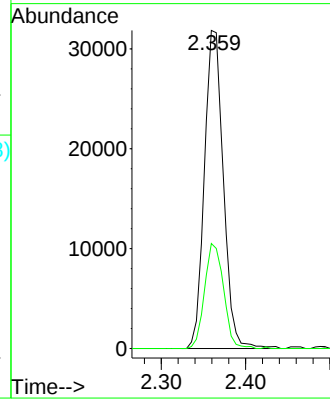
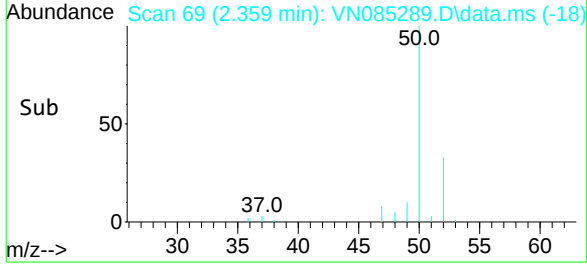
Instrument :
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Tgt Ion: 50 Resp: 49796
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.2

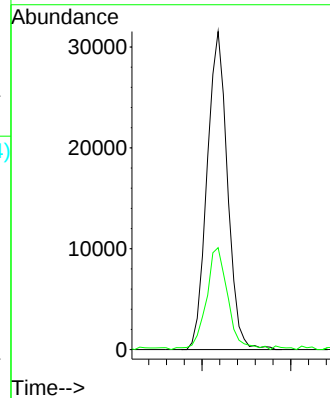
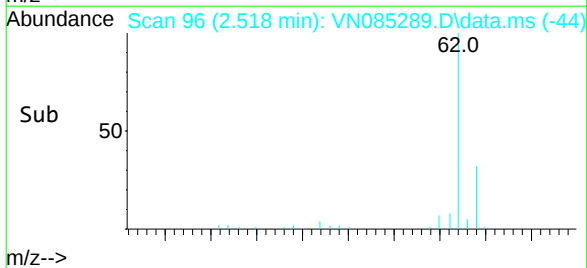
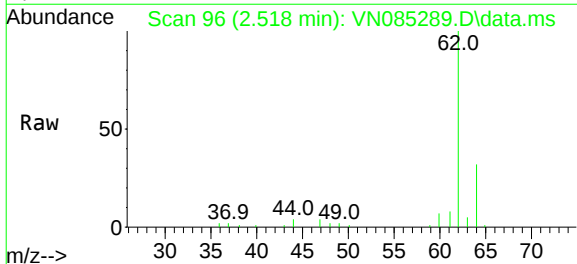
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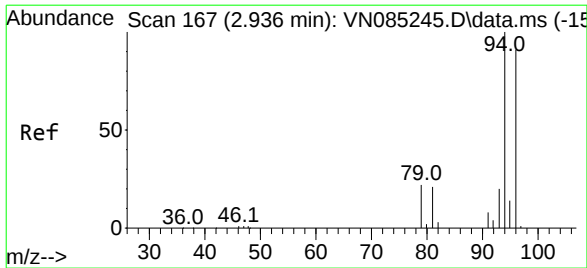
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#4
Vinyl Chloride
Concen: 19.712 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

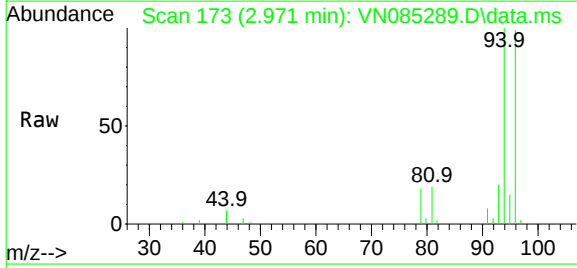
Tgt Ion: 62 Resp: 50295
Ion Ratio Lower Upper
62 100
64 31.5 24.5 36.7





#5
Bromomethane
Concen: 17.812 ug/l
RT: 2.971 min Scan# 17
Delta R.T. 0.023 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

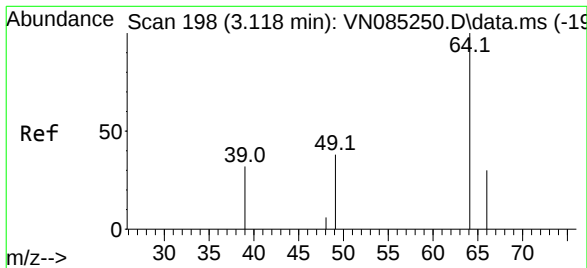
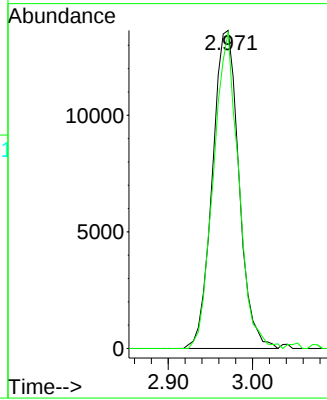
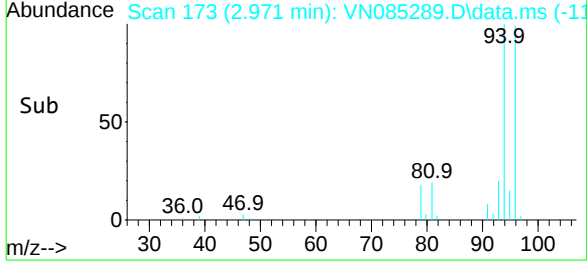
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Tgt Ion: 94 Resp: 29814
Ion Ratio Lower Upper
94 100
96 99.3 76.8 115.2

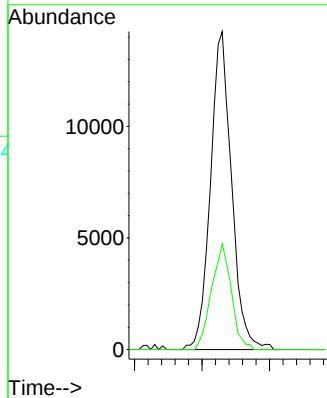
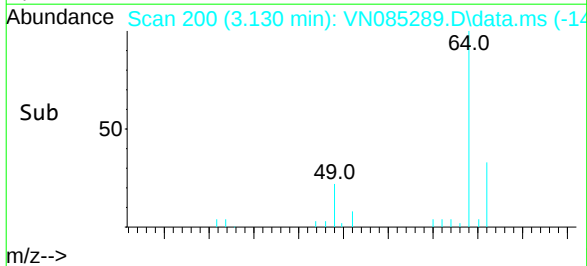
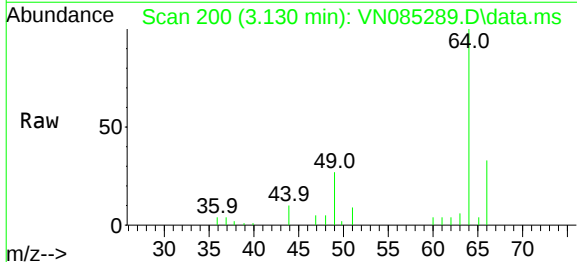
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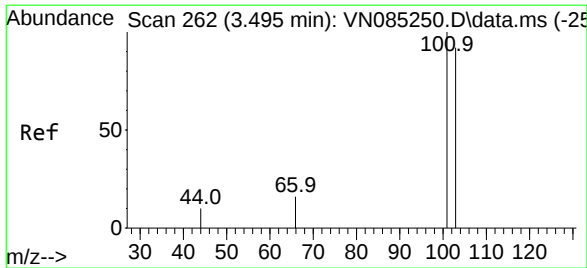
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#6
Chloroethane
Concen: 19.288 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.018 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

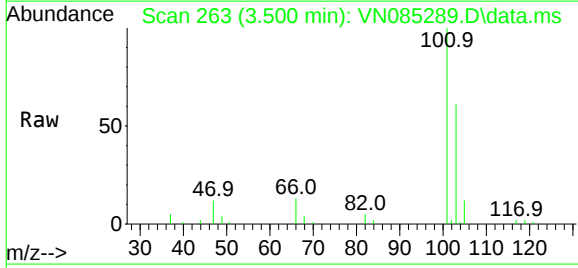
Tgt Ion: 64 Resp: 30998
Ion Ratio Lower Upper
64 100
66 33.3 26.3 39.5





#7
Trichlorofluoromethane
Concen: 16.996 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

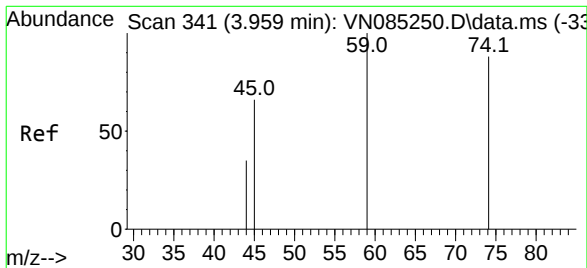
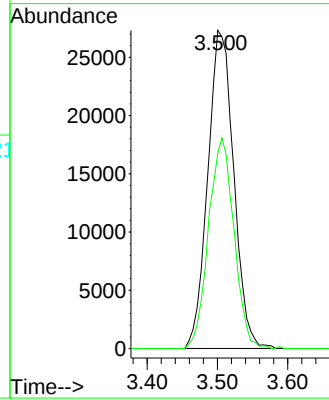
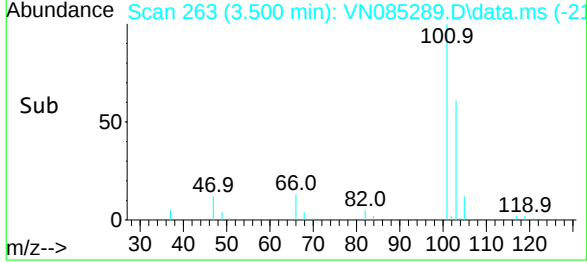
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Tgt Ion: 101 Resp: 70031
Ion Ratio Lower Upper
101 100
103 61.4 50.2 75.4

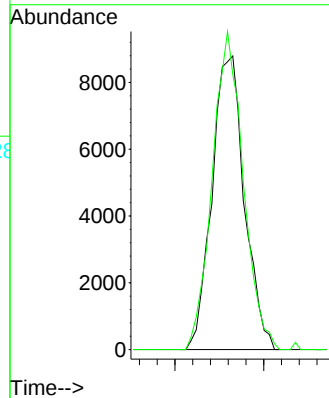
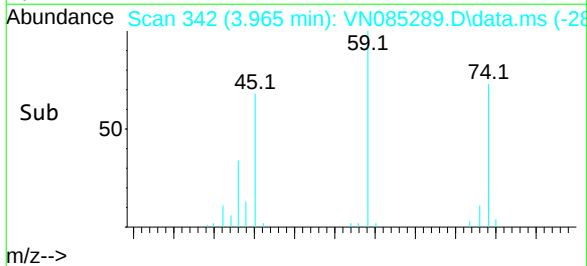
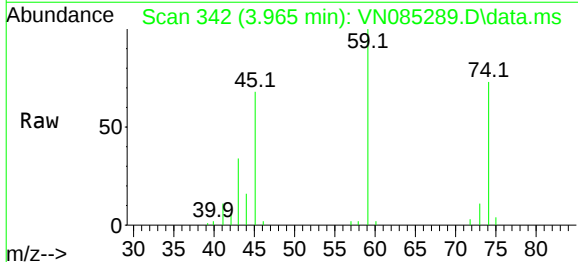
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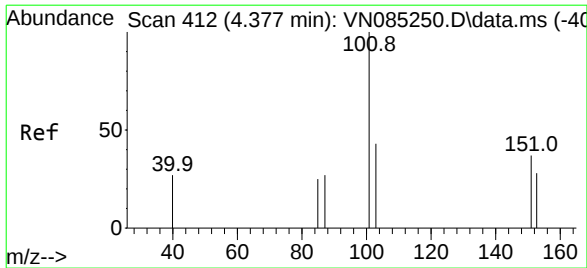
Reviewed By : John Carlone 12/26/2024
Supervised By : Mahesh Dadoda 12/26/2024



#8
Diethyl Ether
Concen: 17.223 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

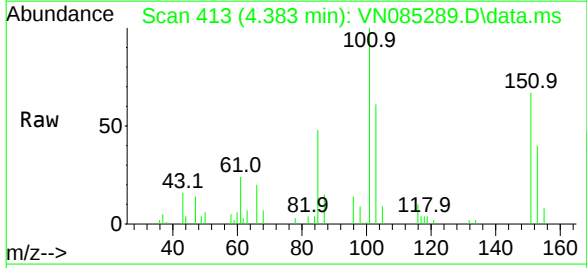
Tgt Ion: 74 Resp: 22290
Ion Ratio Lower Upper
74 100
45 103.6 50.0 150.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.431 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.018 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

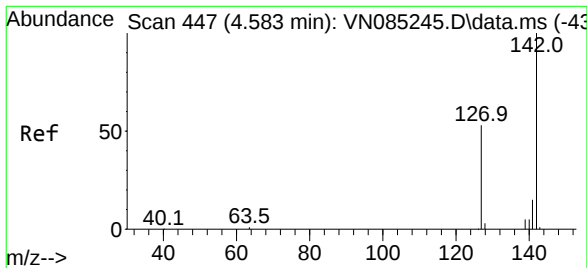
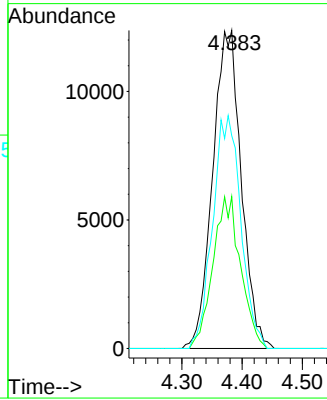
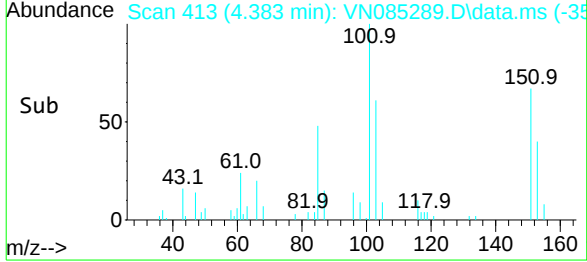
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



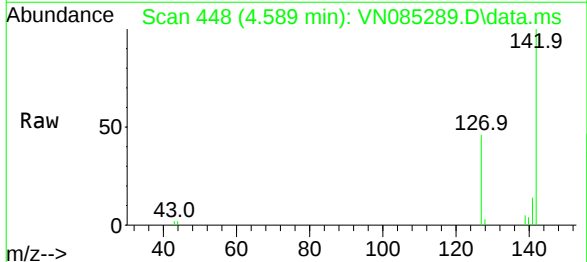
Tgt Ion:101 Resp: 40731
Ion Ratio Lower Upper
101 100
85 46.3 39.0 58.4
151 72.4 58.6 87.8

Manual Integrations
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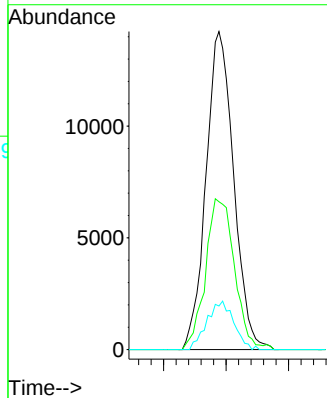
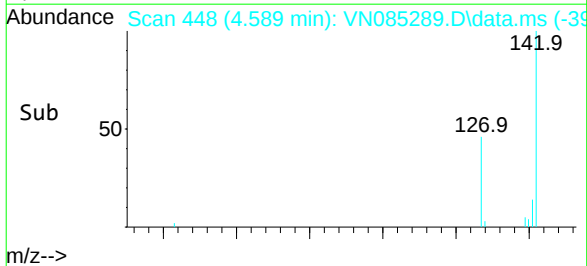
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

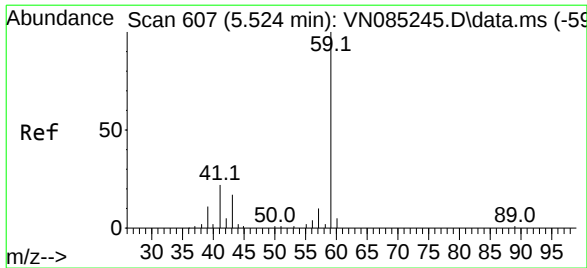


#10
Methyl Iodide
Concen: 17.361 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49



Tgt Ion:142 Resp: 43744
Ion Ratio Lower Upper
142 100
127 46.5 42.5 63.7
141 13.7 10.2 15.4





#11

Tert butyl alcohol

Concen: 56.739 ug/l

RT: 5.506 min Scan# 607

Delta R.T. -0.012 min

Lab File: VN085289.D

Acq: 23 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01

Tgt Ion: 59 Resp: 24706

Ion Ratio Lower Upper

59 100

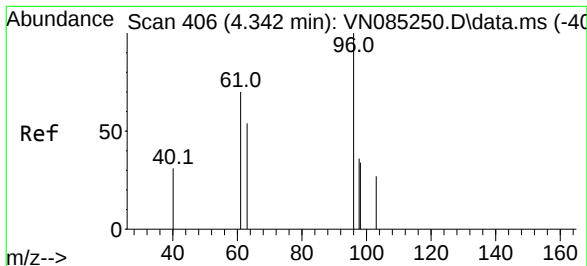
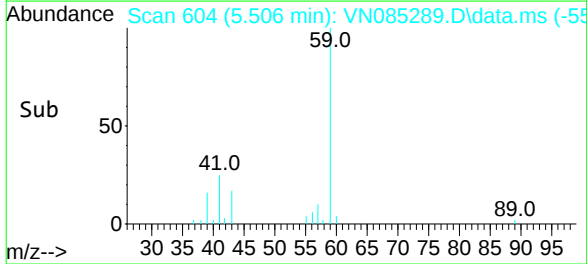
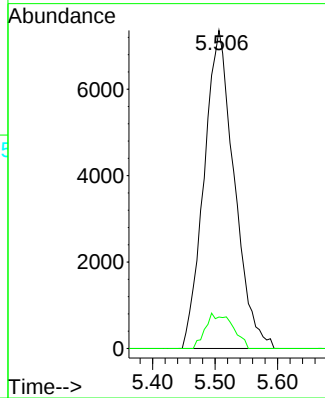
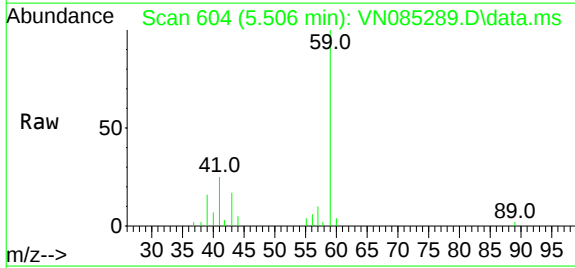
57 9.9 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#12

1,1-Dichloroethene

Concen: 18.099 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.006 min

Lab File: VN085289.D

Acq: 23 Dec 2024 12:49

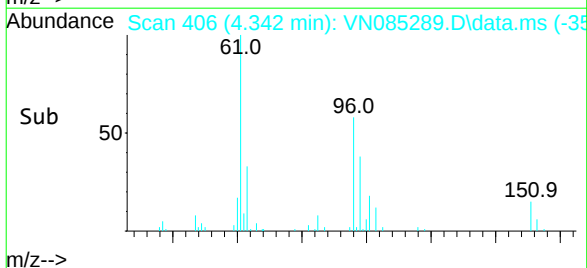
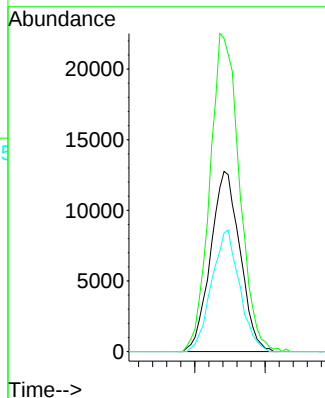
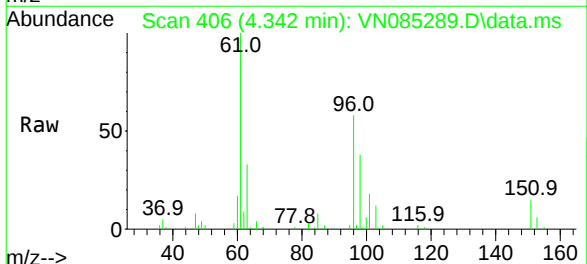
Tgt Ion: 96 Resp: 37048

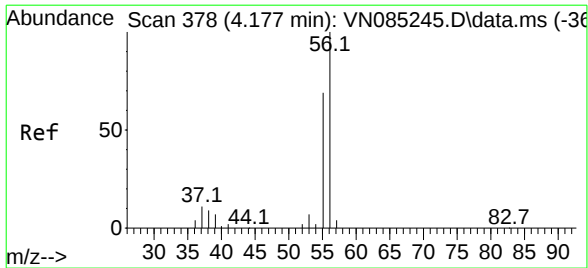
Ion Ratio Lower Upper

96 100

61 173.7 151.6 227.4

98 65.9 51.9 77.9





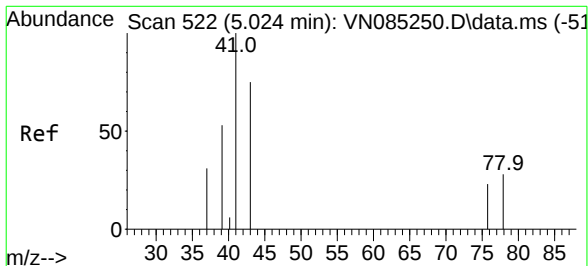
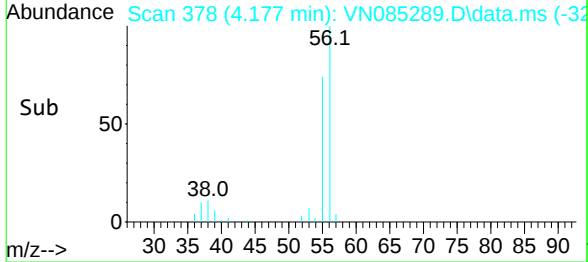
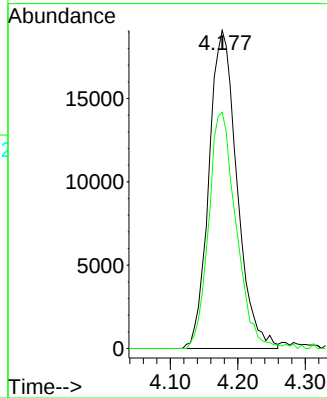
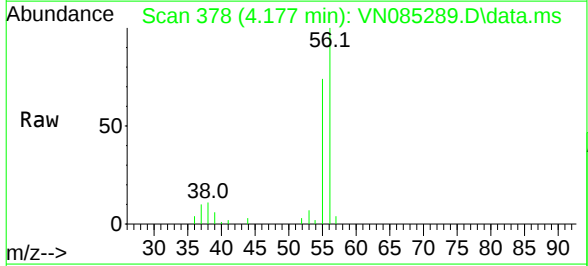
#13
Acrolein
Concen: 109.892 ug/l
RT: 4.177 min Scan# 37
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

Tgt Ion: 56 Resp: 55105
Ion Ratio Lower Upper
56 100
55 72.4 59.0 88.6

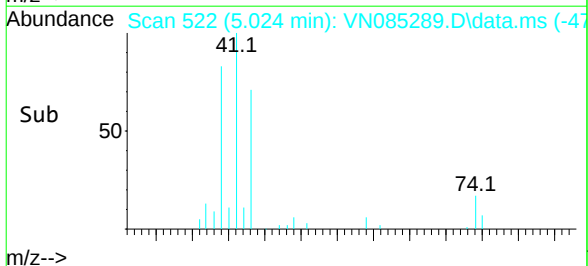
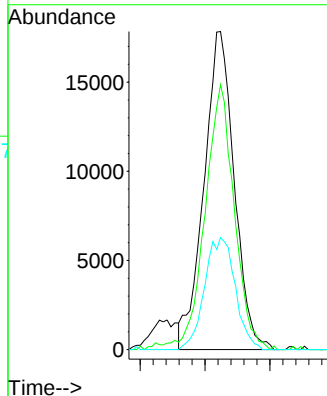
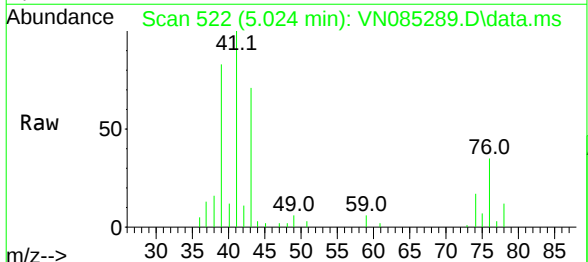
Manual Integrations
APPROVED

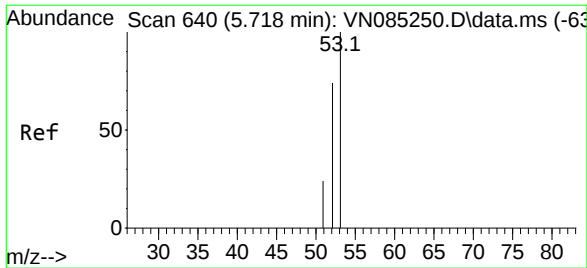
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#14
Allyl chloride
Concen: 16.295 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Tgt Ion: 41 Resp: 57765
Ion Ratio Lower Upper
41 100
39 80.9 66.7 100.1
76 35.6 29.4 44.2





#15

Acrylonitrile

Concen: 73.212 ug/l

RT: 5.712 min Scan# 63

Delta R.T. -0.000 min

Lab File: VN085289.D

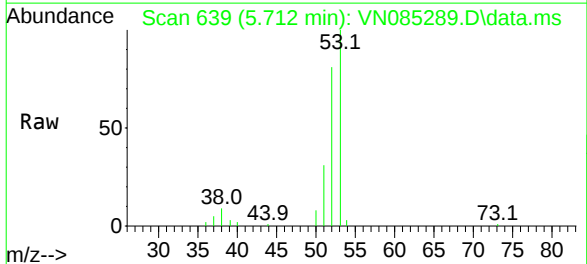
Acq: 23 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01



Tgt Ion: 53 Resp: 86828

Ion Ratio Lower Upper

53 100

52 81.7 66.3 99.5

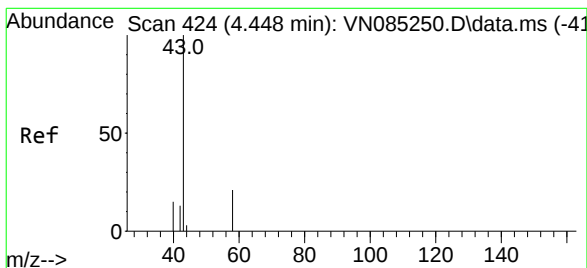
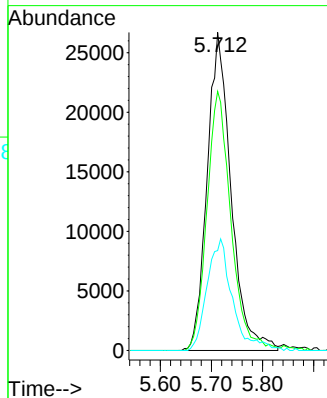
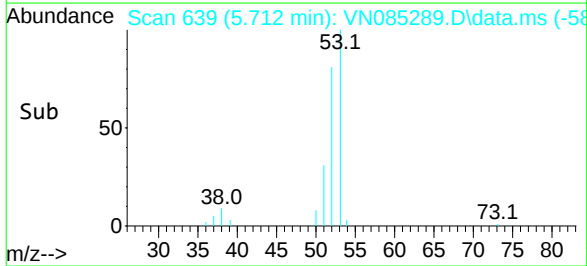
51 37.0 28.2 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#16

Acetone

Concen: 66.873 ug/l

RT: 4.424 min Scan# 420

Delta R.T. -0.000 min

Lab File: VN085289.D

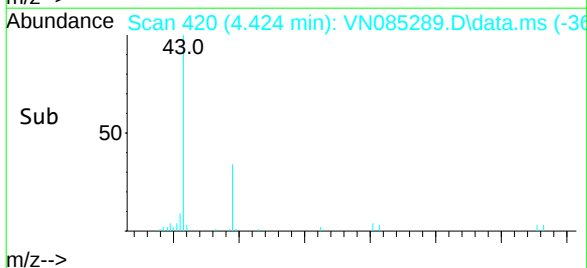
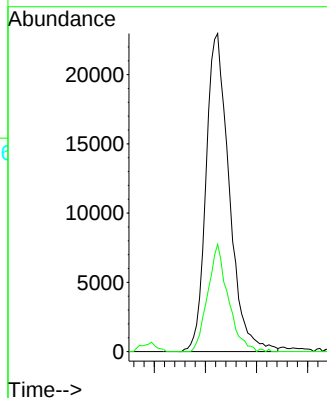
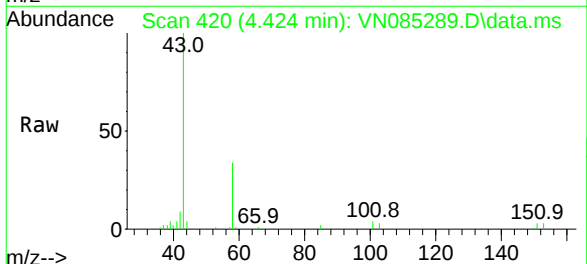
Acq: 23 Dec 2024 12:49

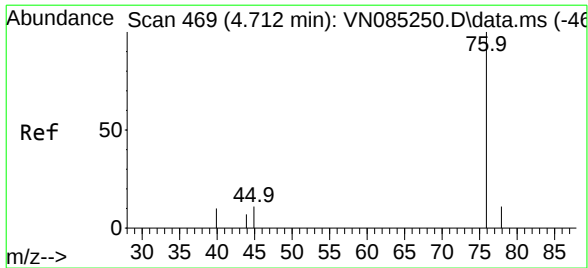
Tgt Ion: 43 Resp: 72358

Ion Ratio Lower Upper

43 100

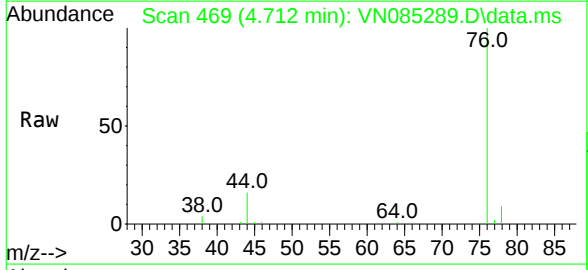
58 33.8 20.8 31.2#





#17
Carbon Disulfide
Concen: 16.290 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

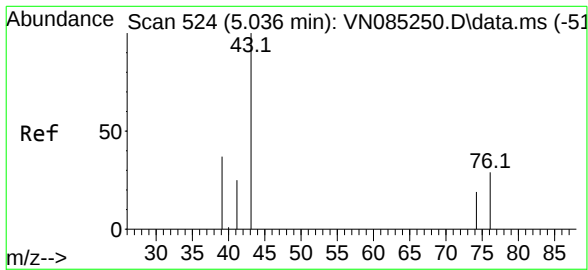
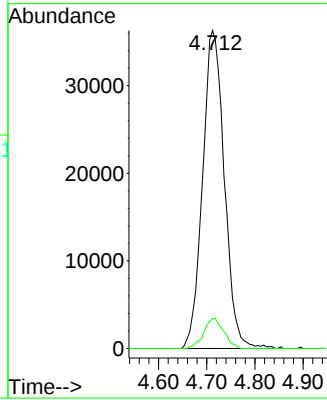
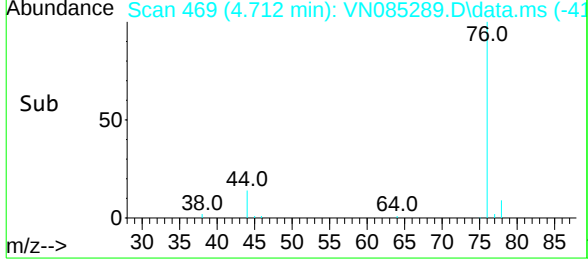
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



Tgt Ion: 76 Resp: 113798
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2

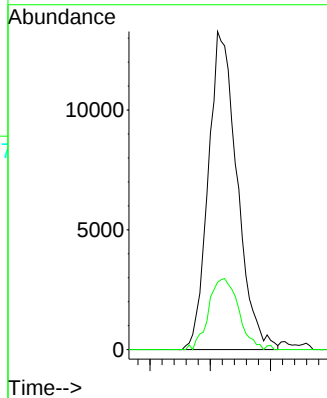
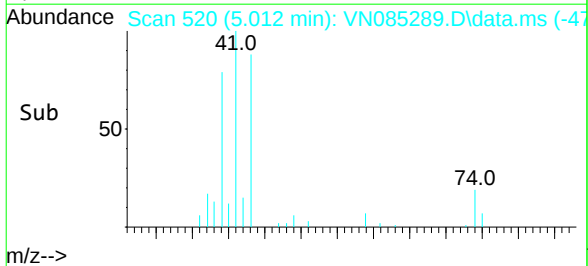
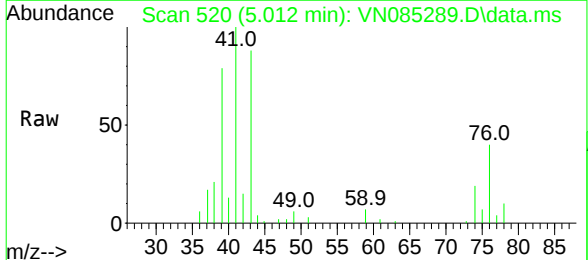
Manual Integrations
APPROVED

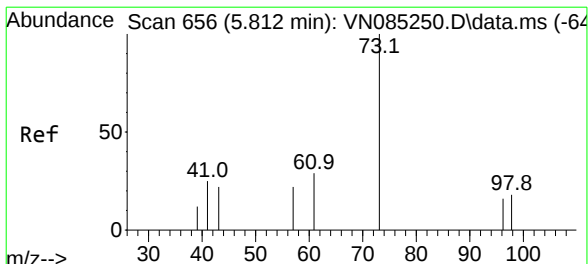
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#18
Methyl Acetate
Concen: 14.401 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Tgt Ion: 43 Resp: 44115
Ion Ratio Lower Upper
43 100
74 23.1 17.5 26.3





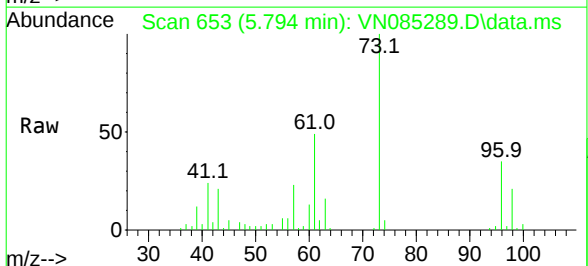
#19
Methyl tert-butyl Ether
 Concen: 15.907 ug/l
 RT: 5.794 min Scan# 653
 Delta R.T. -0.000 min
 Lab File: VN085289.D
 Acq: 23 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01



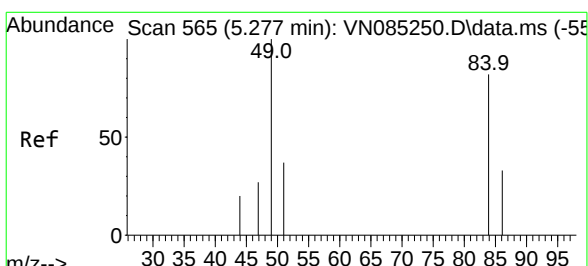
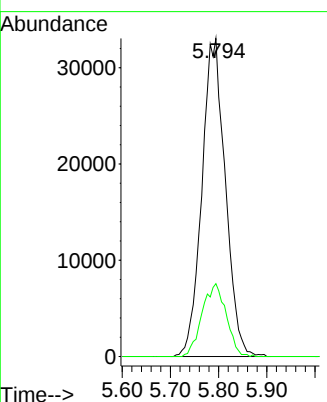
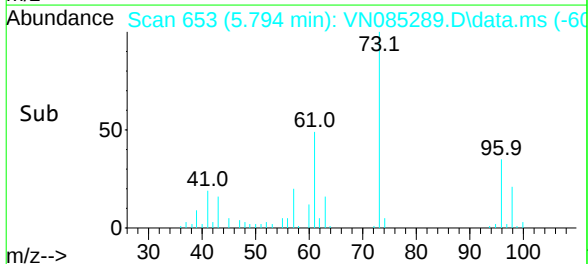
Tgt Ion: 73 Resp: 111609

Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.0	25.6

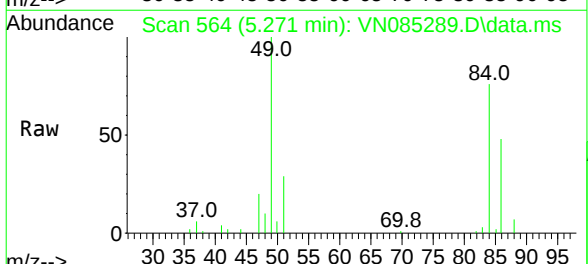
Manual Integrations

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Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024

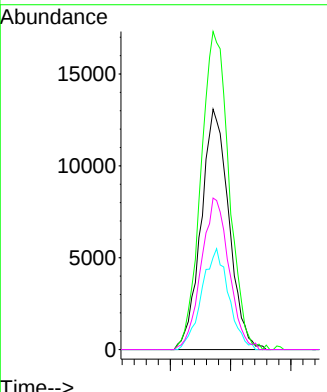
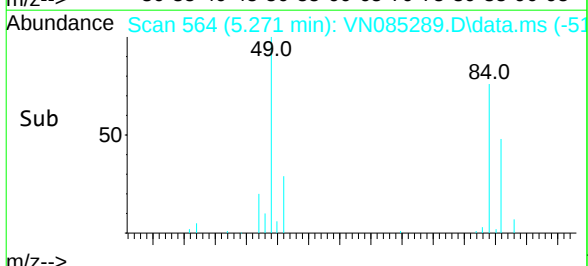


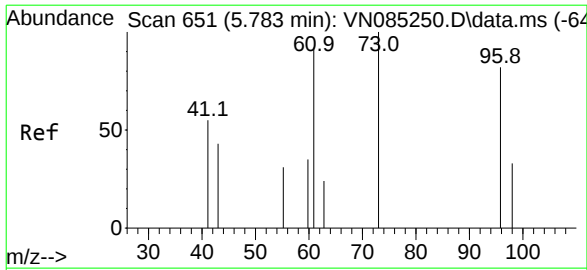
#20
Methylene Chloride
 Concen: 17.695 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN085289.D
 Acq: 23 Dec 2024 12:49



Tgt Ion: 84 Resp: 41881

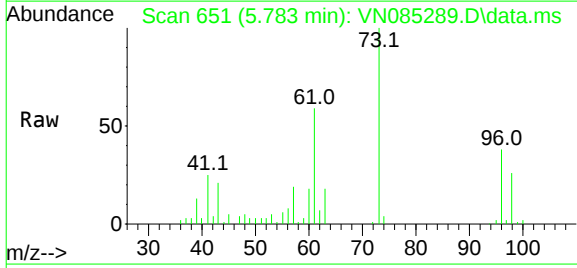
Ion	Ratio	Lower	Upper
84	100		
49	132.3	103.6	155.4
51	38.3	34.2	51.2
86	63.1	48.9	73.3





#21
trans-1,2-Dichloroethene
Concen: 17.033 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

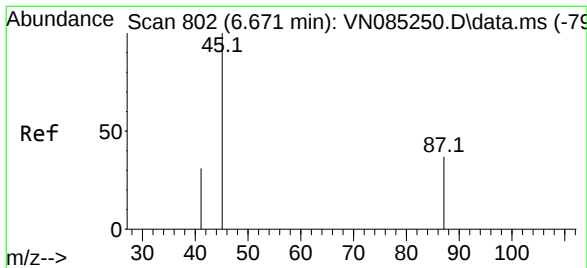
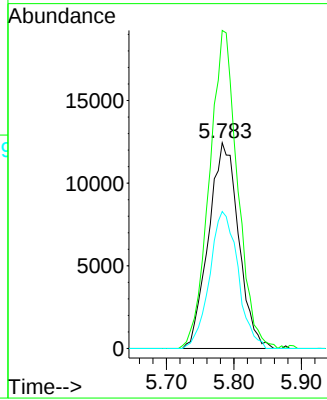
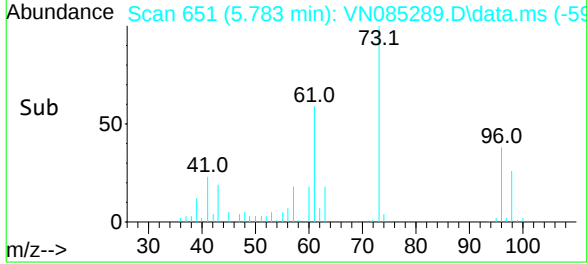
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



Tgt Ion: 96 Resp: 38442
Ion Ratio Lower Upper
96 100
61 154.6 122.0 183.0
98 66.6 54.3 81.5

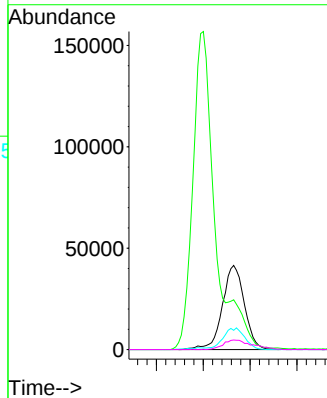
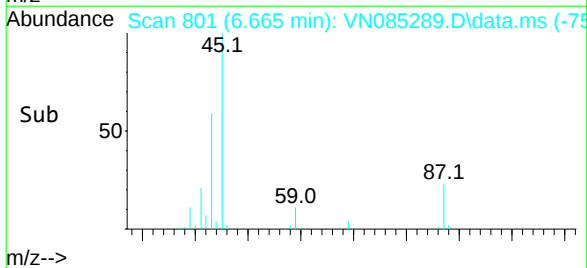
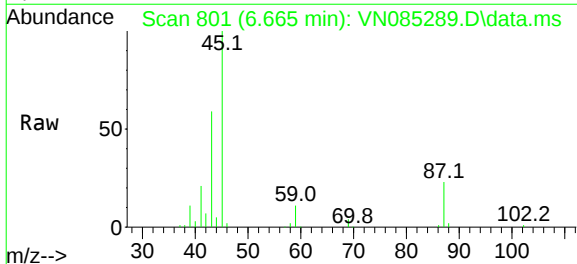
Manual Integrations
APPROVED

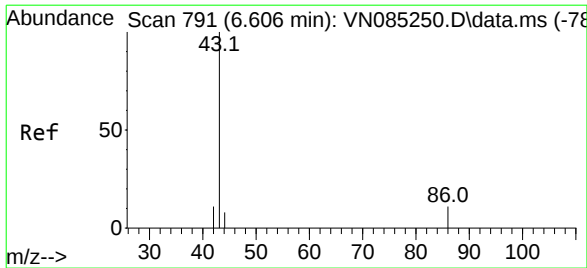
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#22
Diisopropyl ether
Concen: 17.855 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Tgt Ion: 45 Resp: 135033
Ion Ratio Lower Upper
45 100
43 57.2 43.8 65.6
87 22.9 21.2 31.8
59 11.4 8.6 13.0





#23

Vinyl Acetate

Concen: 79.192 ug/l

RT: 6.600 min Scan# 791

Delta R.T. -0.000 min

Lab File: VN085289.D

Acq: 23 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01

Tgt Ion: 43 Resp: 462777

Ion Ratio Lower Upper

43 100

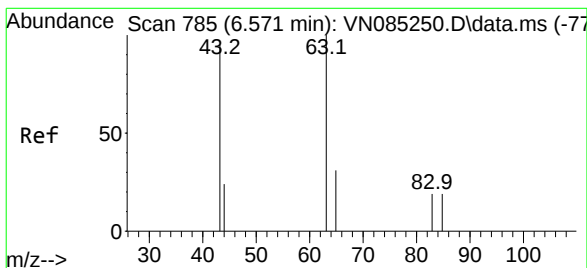
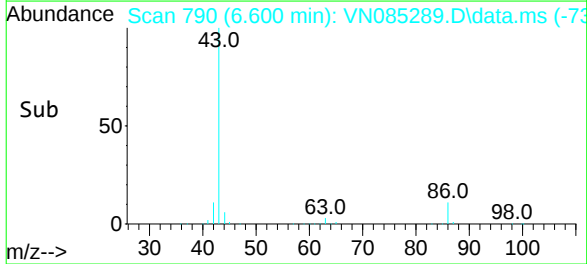
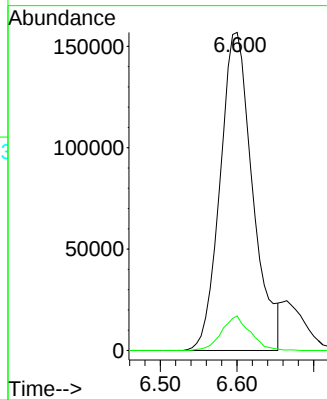
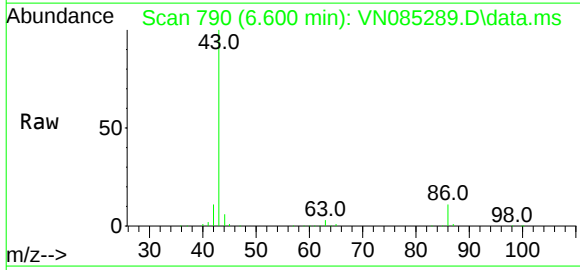
86 10.8 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#24

1,1-Dichloroethane

Concen: 17.699 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

Lab File: VN085289.D

Acq: 23 Dec 2024 12:49

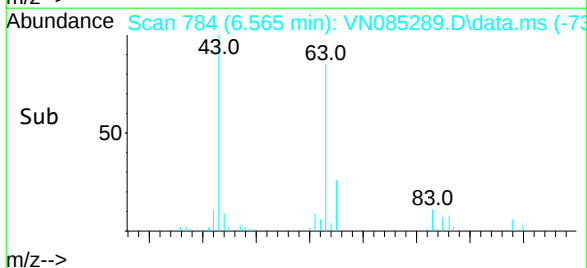
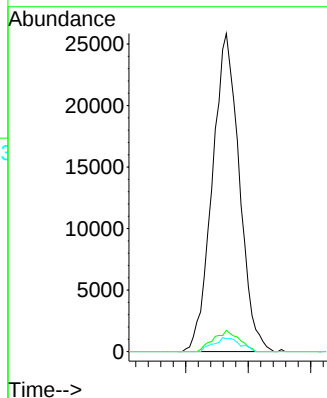
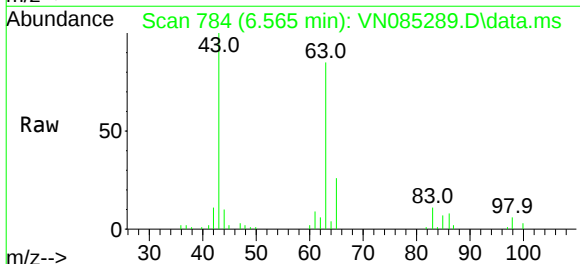
Tgt Ion: 63 Resp: 77534

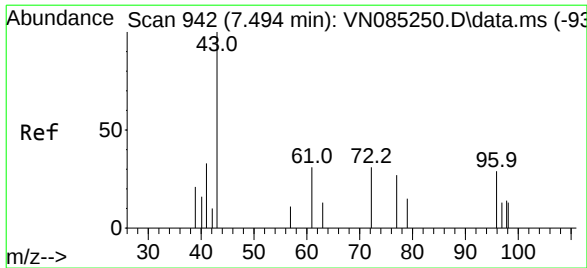
Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.6

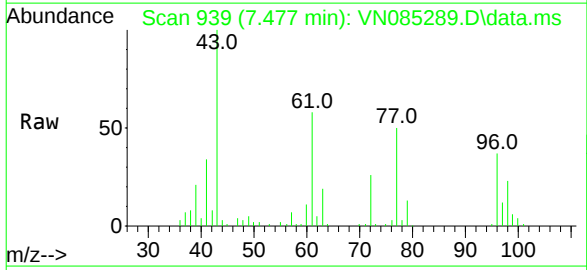
100 4.0 2.1 6.5





#25
2-Butanone
Concen: 66.065 ug/l
RT: 7.477 min Scan# 93
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

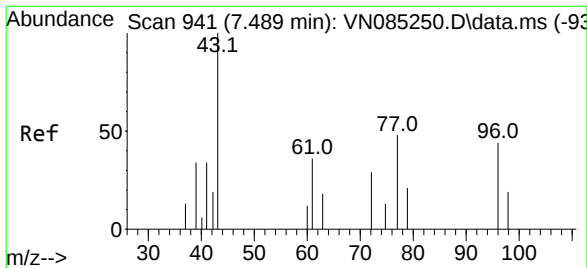
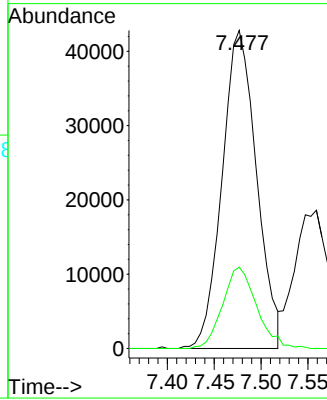
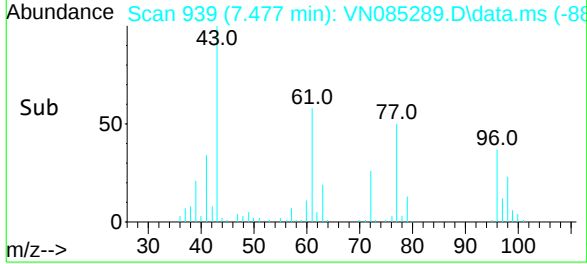
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



Tgt Ion: 43 Resp: 109471
Ion Ratio Lower Upper
43 100
72 25.6 19.6 29.4

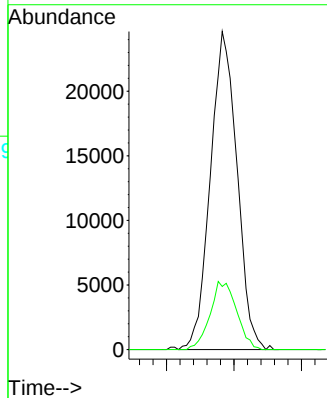
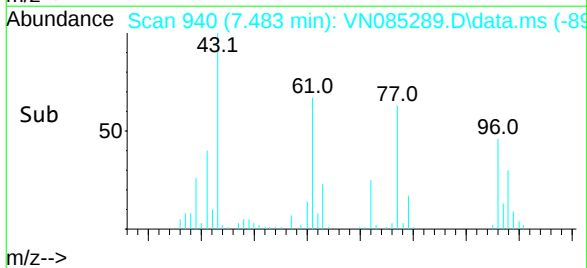
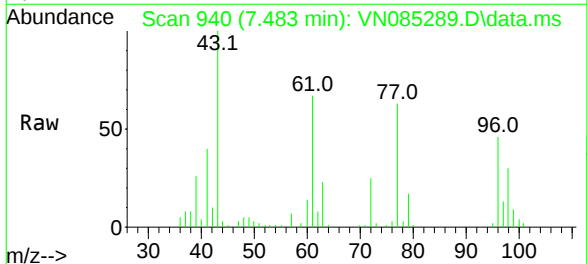
Manual Integrations
APPROVED

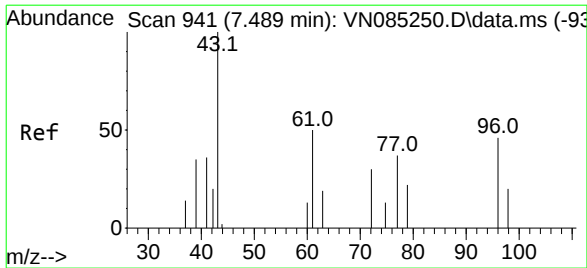
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#26
2,2-Dichloropropane
Concen: 16.651 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

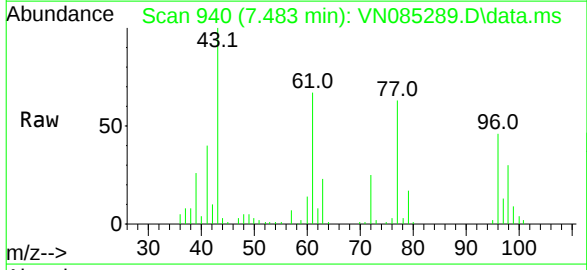
Tgt Ion: 77 Resp: 67543
Ion Ratio Lower Upper
77 100
97 21.3 10.5 31.6





#27
cis-1,2-Dichloroethene
Concen: 17.003 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

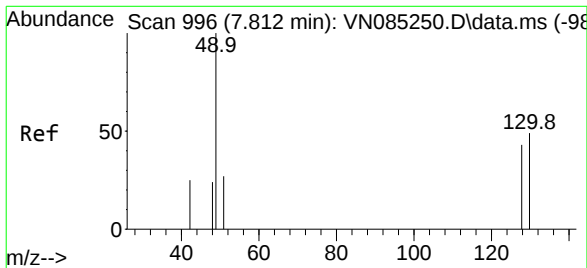
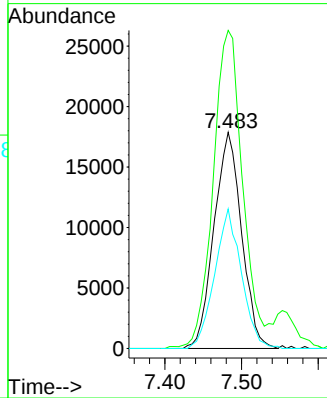
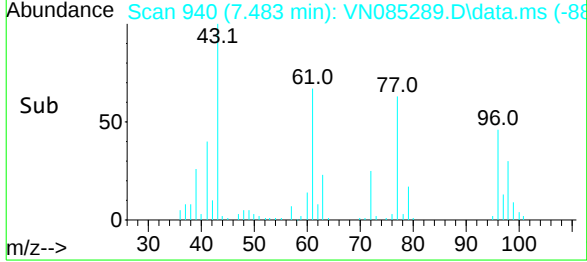
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



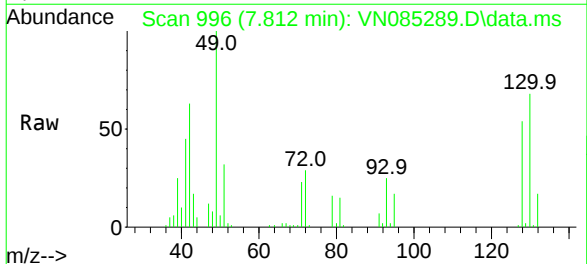
Tgt Ion: 96 Resp: 44678
Ion Ratio Lower Upper
96 100
61 156.5 0.0 316.4
98 62.6 0.0 125.4

Manual Integrations
APPROVED

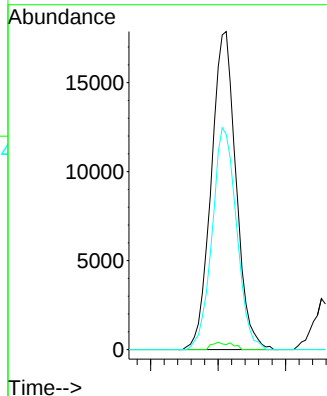
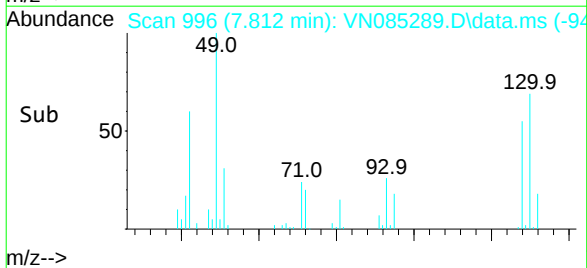
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

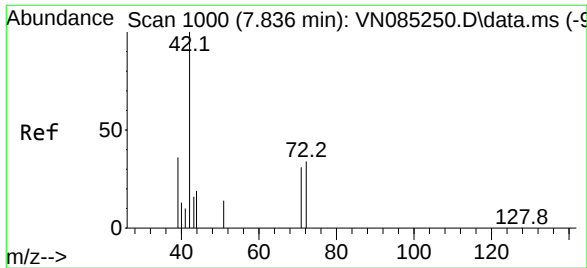


#28
Bromochloromethane
Concen: 20.641 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49



Tgt Ion: 49 Resp: 45603
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.4
130 68.8 54.1 81.1





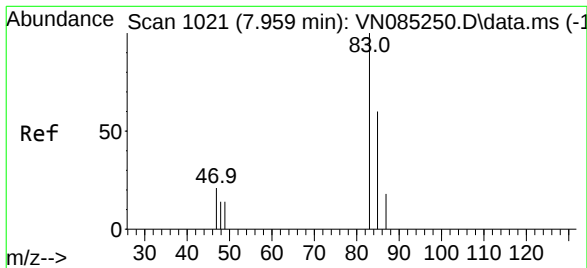
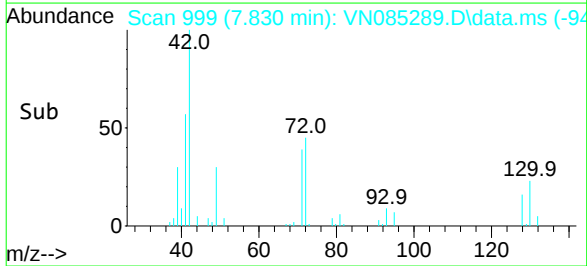
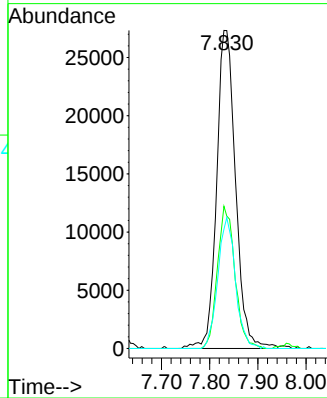
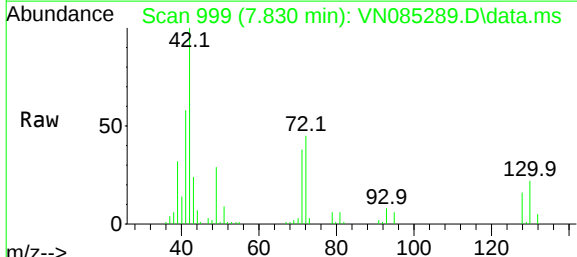
#29
Tetrahydrofuran
Concen: 69.659 ug/l
RT: 7.830 min Scan# 999
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

Tgt Ion: 42 Resp: 74405
Ion Ratio Lower Upper
42 100
72 41.4 32.7 49.1
71 38.3 31.4 47.2

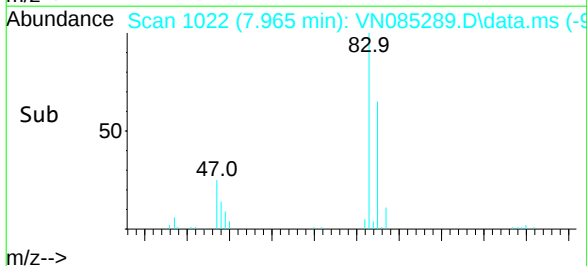
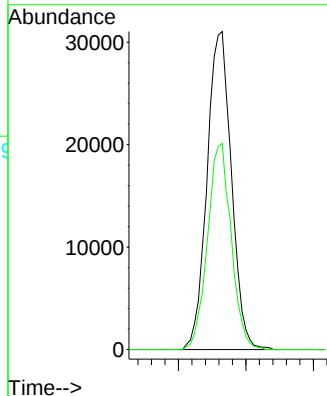
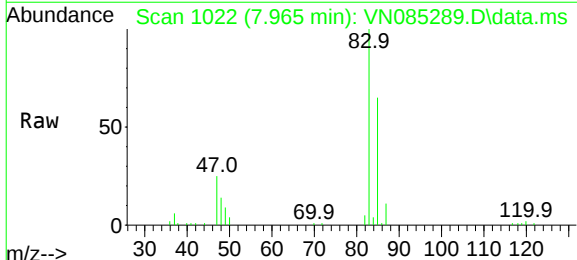
Manual Integrations
APPROVED

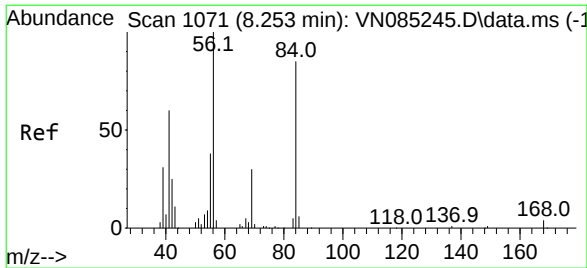
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#30
Chloroform
Concen: 16.664 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Tgt Ion: 83 Resp: 77958
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.0





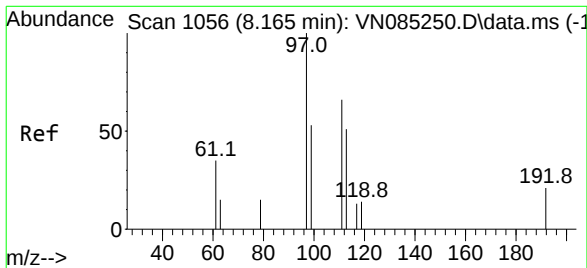
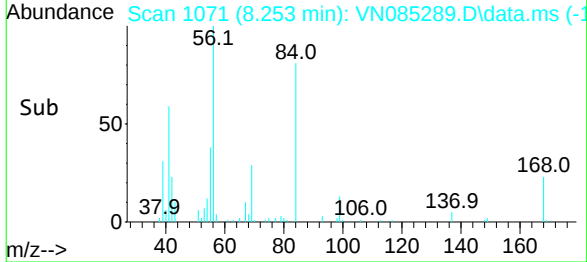
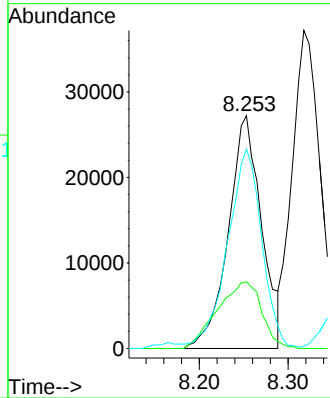
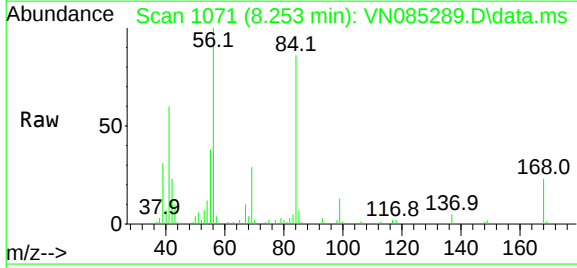
#31
Cyclohexane
Concen: 17.413 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

Tgt Ion: 56 Resp: 70619
Ion Ratio Lower Upper
56 100
69 28.7 23.6 35.4
84 83.7 66.6 99.8

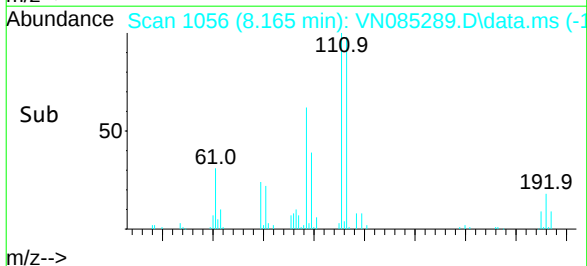
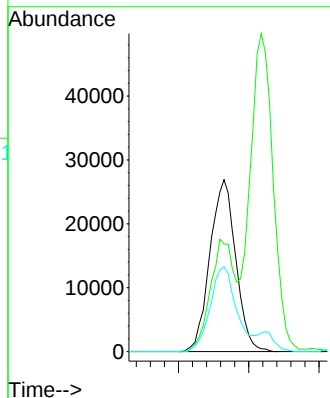
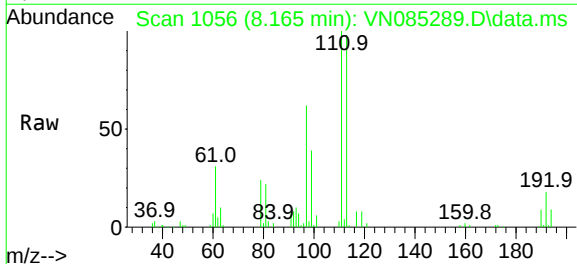
Manual Integrations
APPROVED

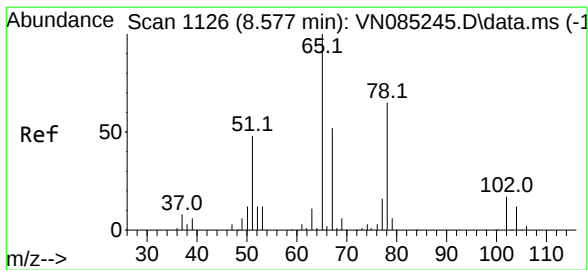
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#32
1,1,1-Trichloroethane
Concen: 16.439 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Tgt Ion: 97 Resp: 68546
Ion Ratio Lower Upper
97 100
99 59.3 51.4 77.0
61 50.5 40.4 60.6





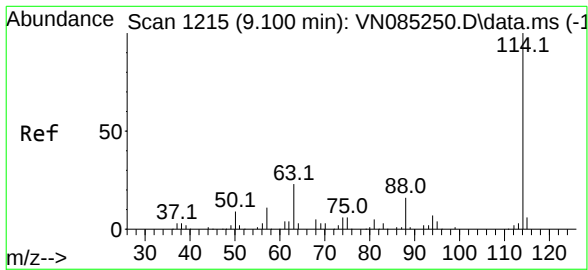
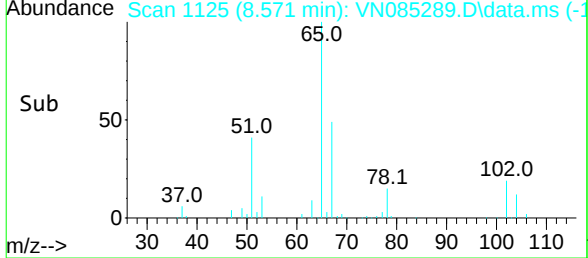
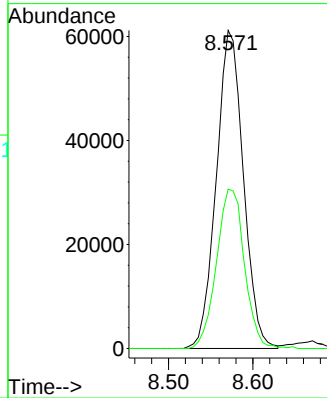
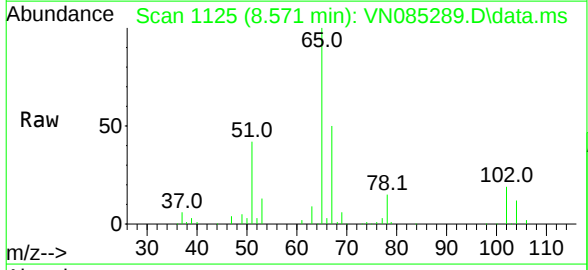
#33
1,2-Dichloroethane-d4
Concen: 43.447 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

Tgt Ion: 65 Resp: 136196
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.2

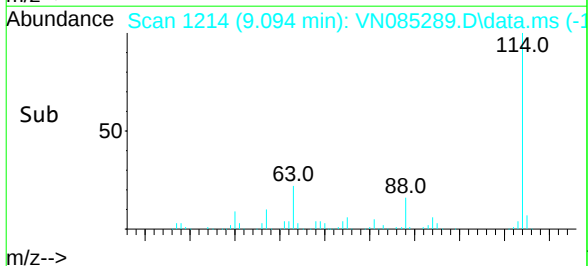
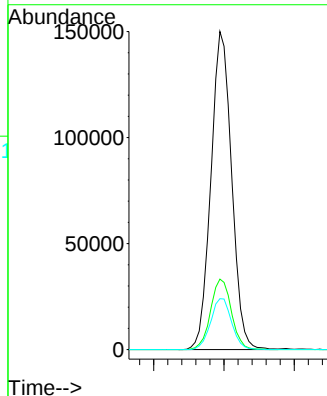
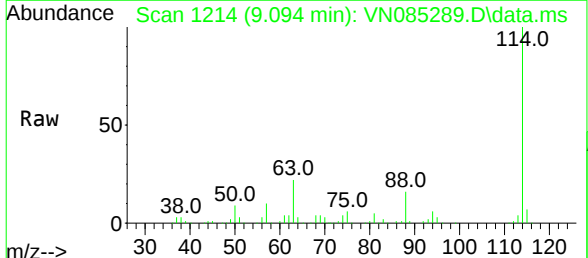
Manual Integrations
APPROVED

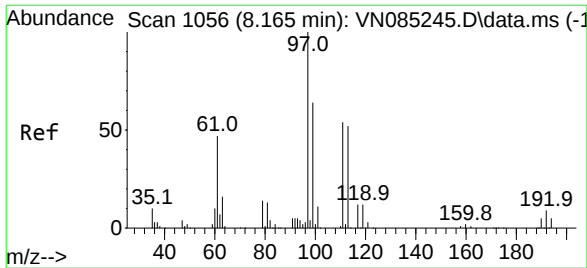
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

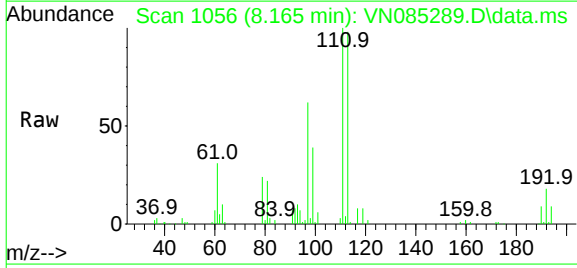
Tgt Ion:114 Resp: 307566
Ion Ratio Lower Upper
114 100
63 22.2 0.0 46.2
88 16.0 0.0 32.6





#35
Dibromofluoromethane
Concen: 46.384 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

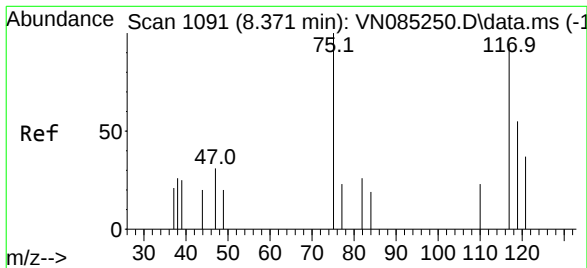
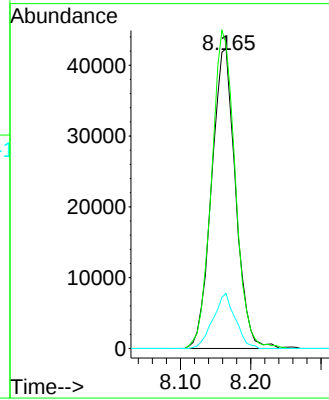
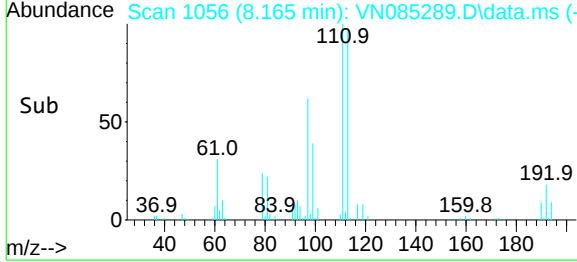
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



Tgt Ion: 113 Resp: 100299
Ion Ratio Lower Upper
113 100
111 104.6 82.1 123.1
192 17.1 13.4 20.0

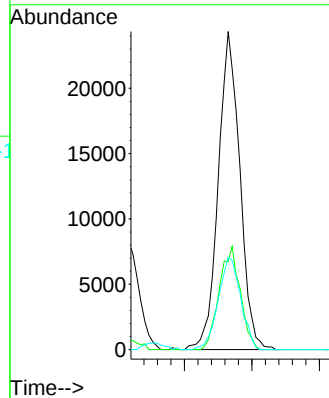
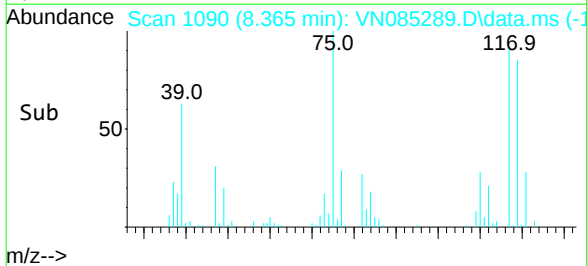
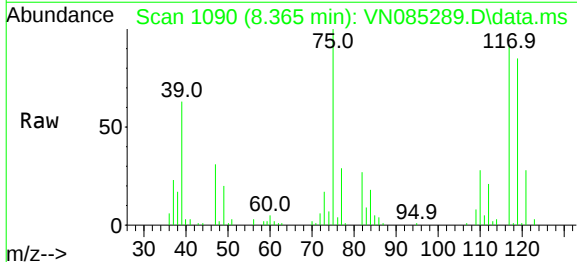
Manual Integrations
APPROVED

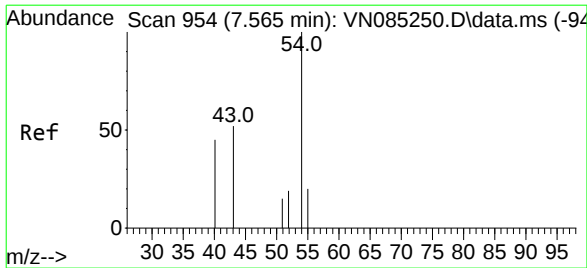
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#36
1,1-Dichloropropene
Concen: 17.963 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

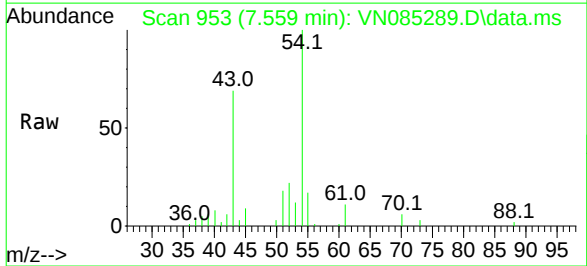
Tgt Ion: 75 Resp: 54087
Ion Ratio Lower Upper
75 100
110 31.5 16.0 48.0
77 30.2 24.6 36.8





#37
Ethyl Acetate
Concen: 13.912 ug/l
RT: 7.559 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

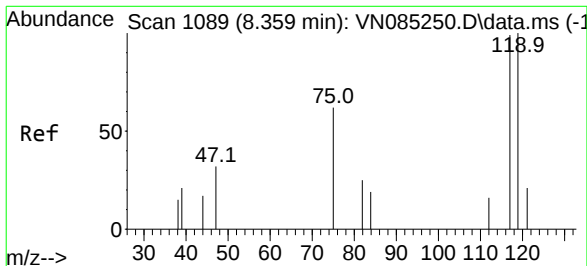
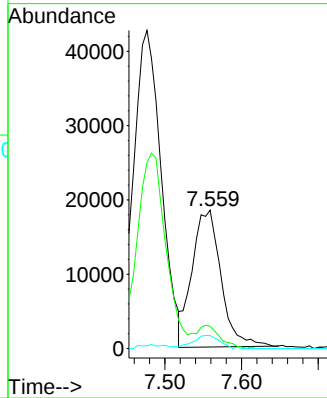
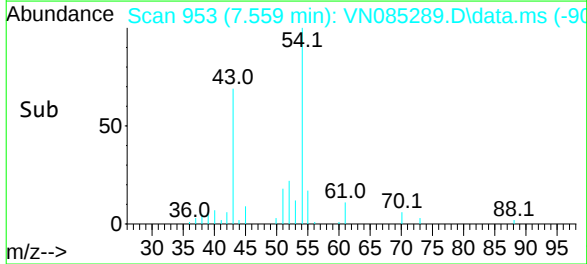
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



Tgt Ion: 43 Resp: 48324
Ion Ratio Lower Upper
43 100
61 11.7 9.8 14.6
70 8.7 7.8 11.8

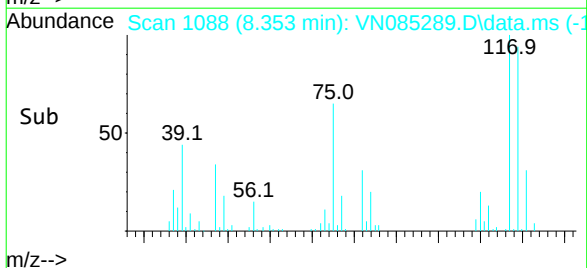
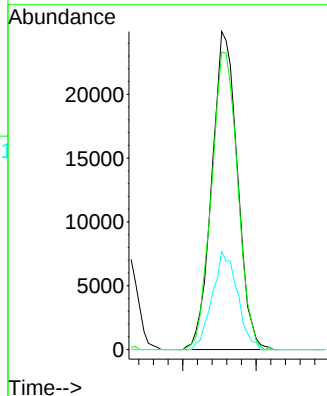
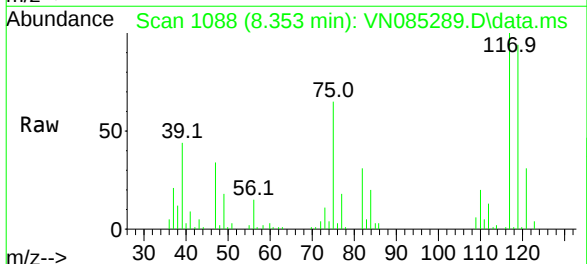
Manual Integrations
APPROVED

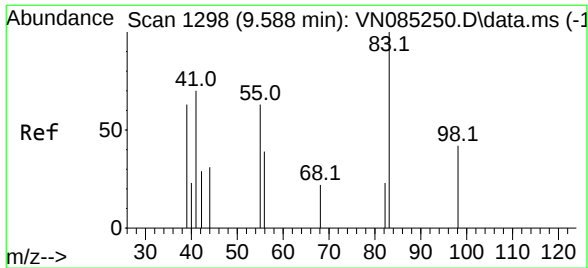
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#38
Carbon Tetrachloride
Concen: 16.551 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

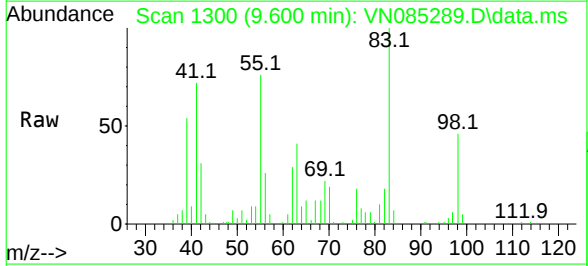
Tgt Ion:117 Resp: 60254
Ion Ratio Lower Upper
117 100
119 93.5 74.8 112.2
121 30.9 24.2 36.4





#39
Methylcyclohexane
Concen: 17.757 ug/l
RT: 9.600 min Scan# 13
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

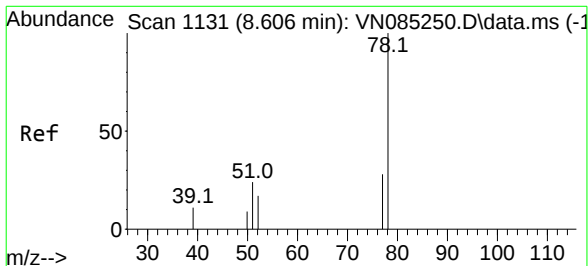
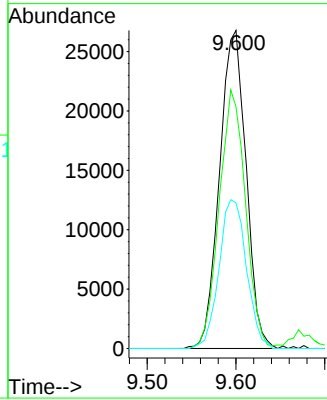
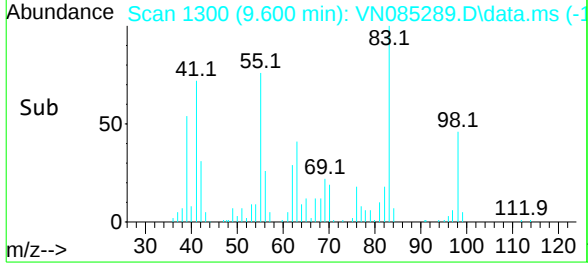
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



Tgt Ion: 83 Resp: 55635
Ion Ratio Lower Upper
83 100
55 75.9 66.8 100.2
98 45.8 39.4 59.2

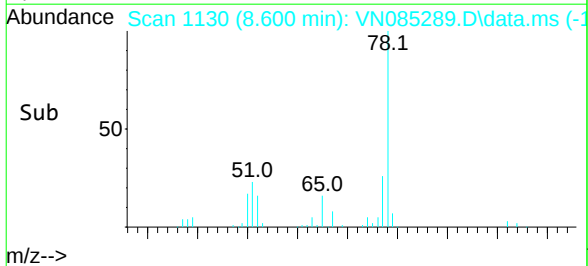
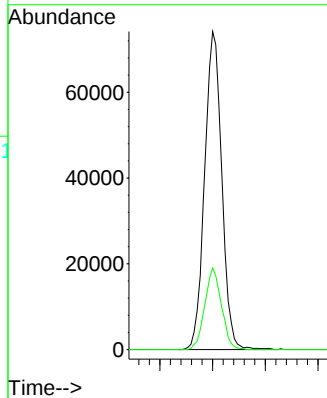
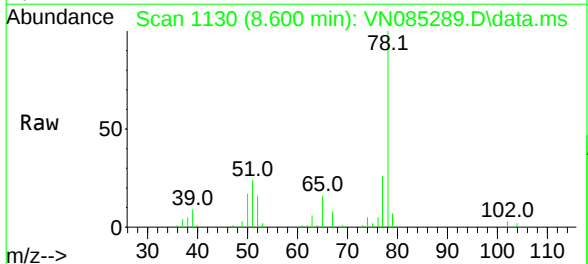
Manual Integrations
APPROVED

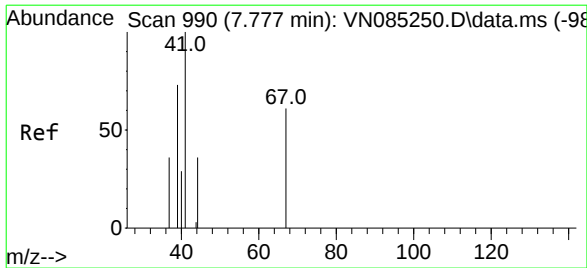
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#40
Benzene
Concen: 17.902 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Tgt Ion: 78 Resp: 167691
Ion Ratio Lower Upper
78 100
77 25.6 18.9 28.3





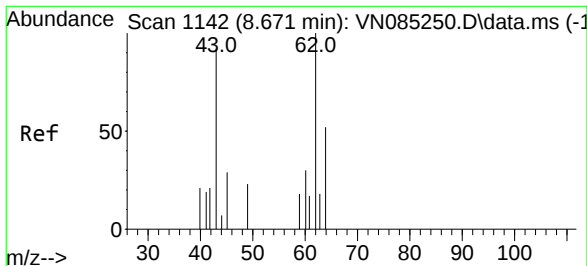
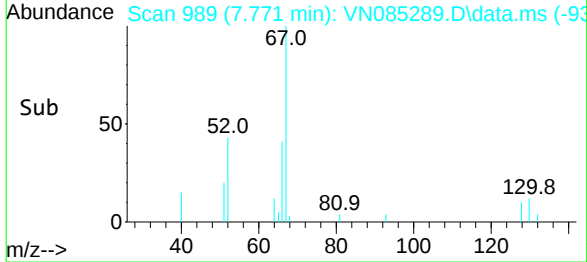
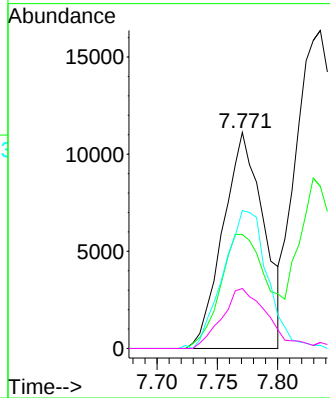
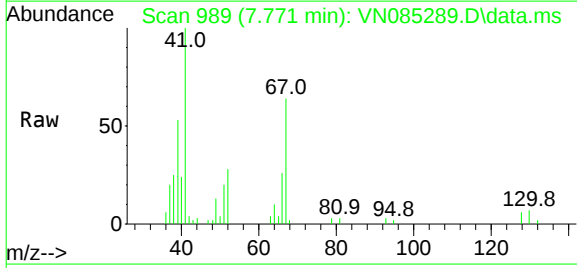
#41
Methacrylonitrile
Concen: 14.730 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

Tgt Ion:	41	Resp:	26076
Ion	Ratio	Lower	Upper
41	100		
39	62.6	44.0	66.0
67	69.1	56.0	84.0
52	31.7	25.8	38.6

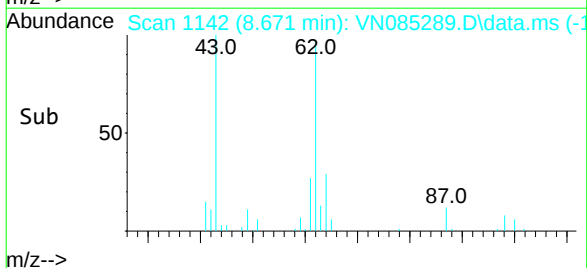
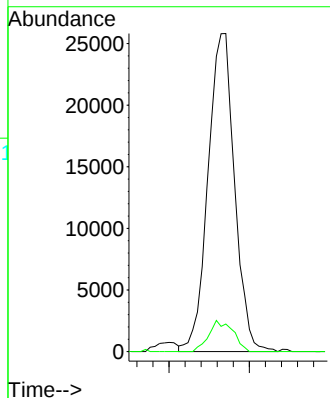
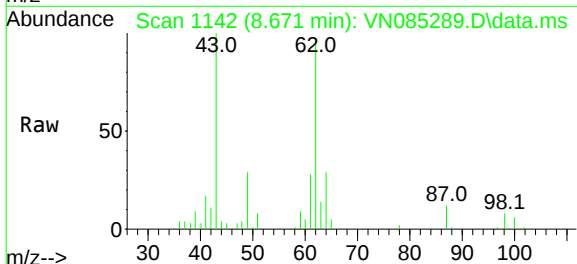
Manual Integrations
APPROVED

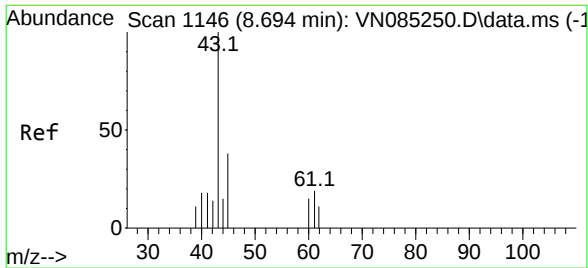
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#42
1,2-Dichloroethane
Concen: 16.627 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Tgt Ion:	62	Resp:	59324
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.4





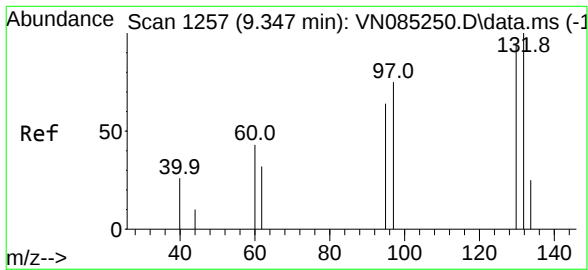
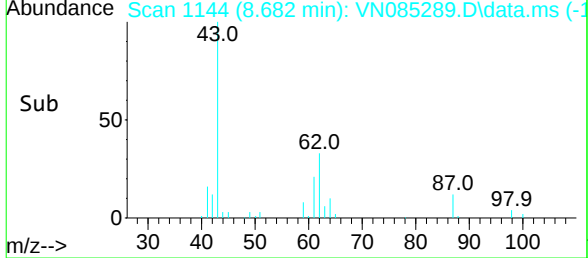
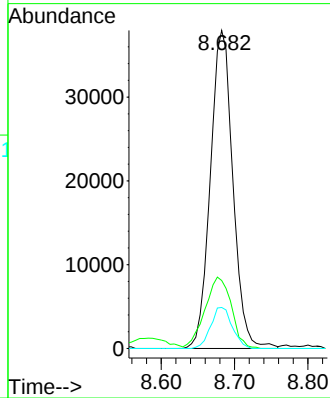
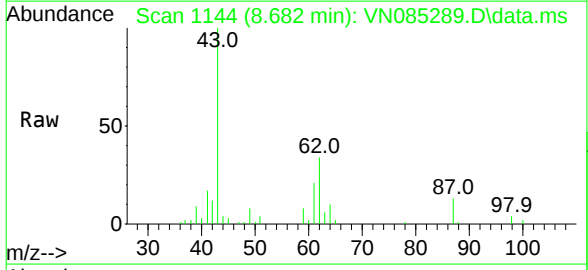
#43
Isopropyl Acetate
Concen: 12.731 ug/l
RT: 8.682 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

Tgt Ion: 43	Resp: 80871
Ion Ratio	Lower Upper
43 100	
61 26.3	19.0 28.4
87 12.3	9.3 13.9

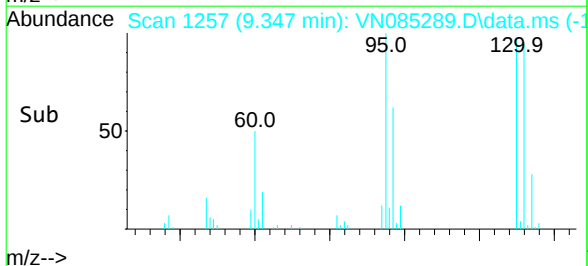
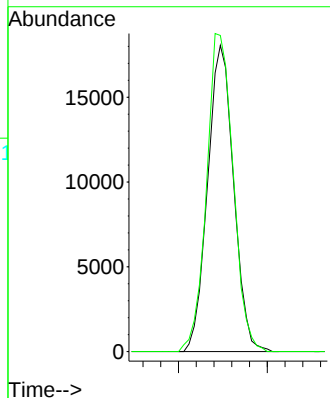
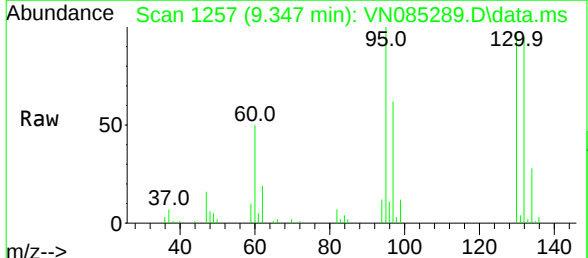
Manual Integrations
APPROVED

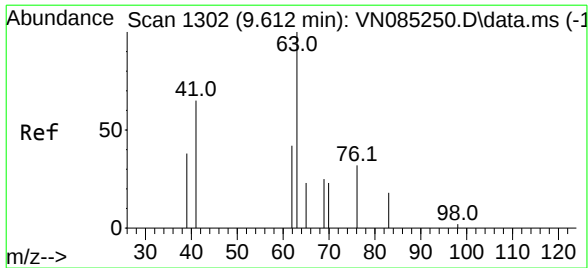
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#44
Trichloroethene
Concen: 17.616 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

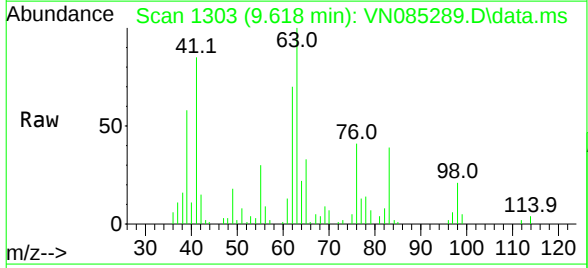
Tgt Ion:130	Resp: 36736
Ion Ratio	Lower Upper
130 100	
95 103.2	0.0 207.6





#45
1,2-Dichloropropane
Concen: 17.810 ug/l
RT: 9.618 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

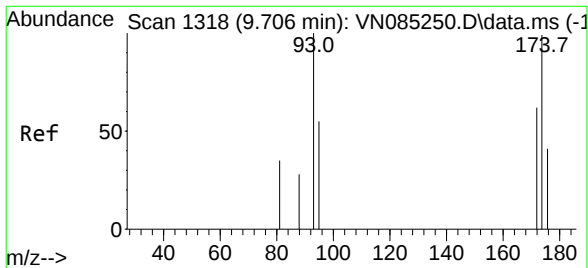
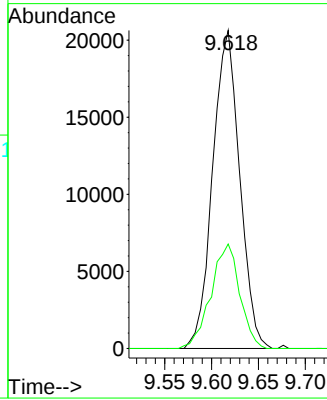
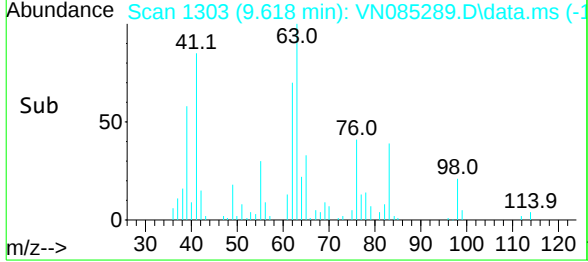
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



Tgt Ion: 63 Resp: 41305
Ion Ratio Lower Upper
63 100
65 32.8 24.0 36.0

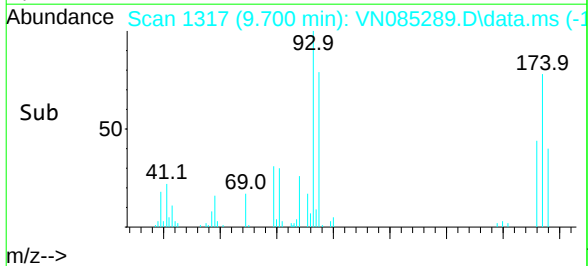
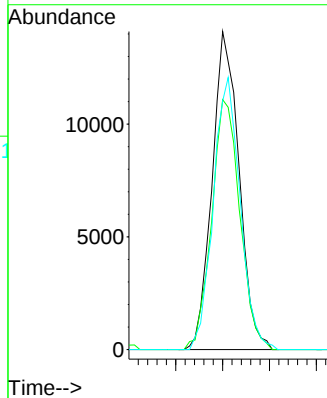
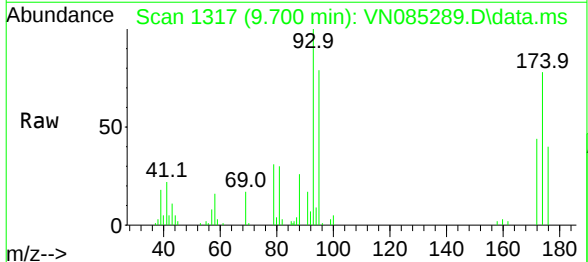
Manual Integrations
APPROVED

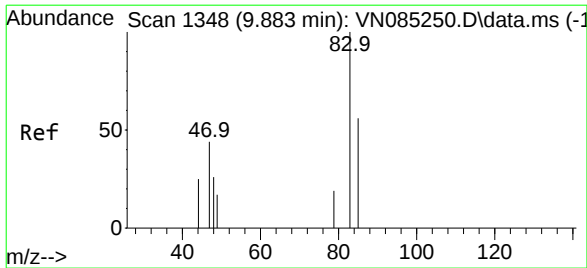
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#46
Dibromomethane
Concen: 16.978 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

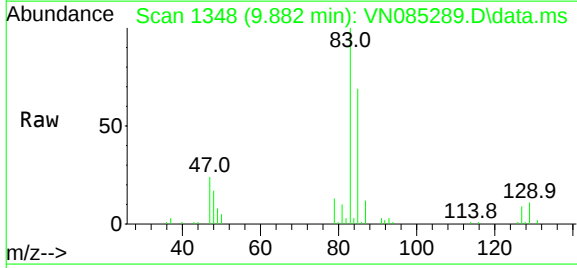
Tgt Ion: 93 Resp: 28109
Ion Ratio Lower Upper
93 100
95 82.4 67.0 100.6
174 85.4 69.3 103.9





#47
Bromodichloromethane
Concen: 16.902 ug/l
RT: 9.882 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

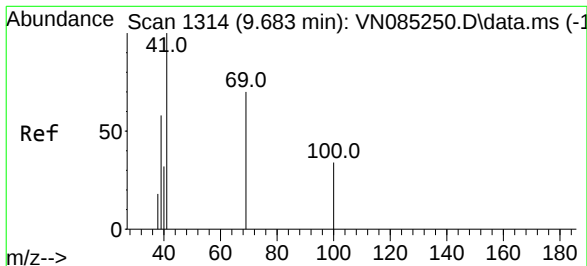
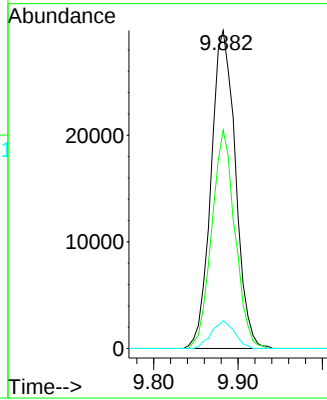
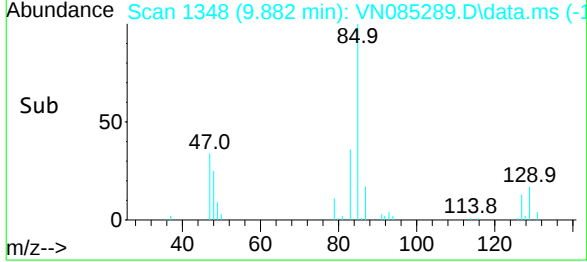
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



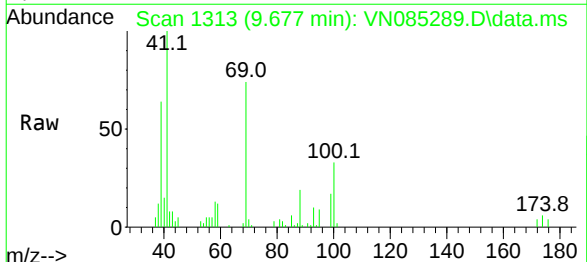
Tgt Ion: 83 Resp: 59955
Ion Ratio Lower Upper
83 100
85 68.7 51.0 76.4
127 8.7 6.3 9.5

Manual Integrations
APPROVED

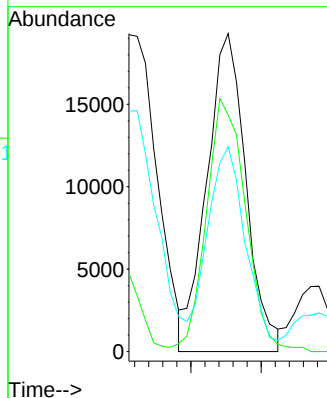
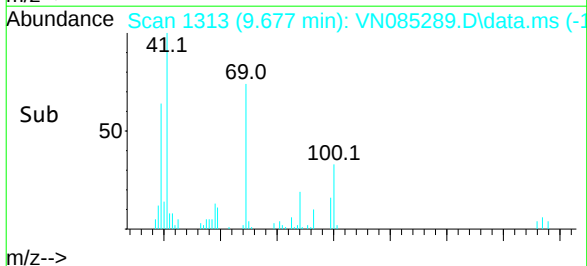
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

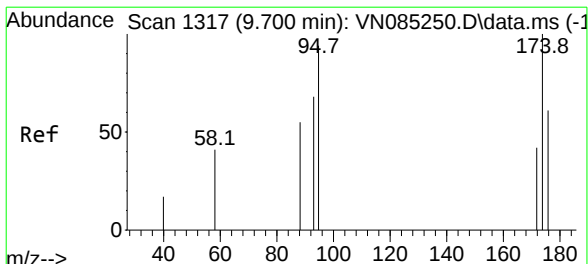


#48
Methyl methacrylate
Concen: 14.310 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49



Tgt Ion: 41 Resp: 37263
Ion Ratio Lower Upper
41 100
69 79.9 61.0 91.4
39 63.7 49.8 74.8





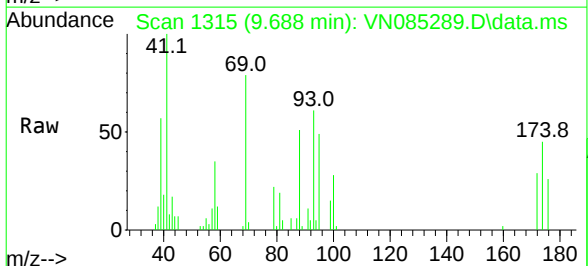
#49
1,4-Dioxane
Concen: 272.647 ug/l
RT: 9.688 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01

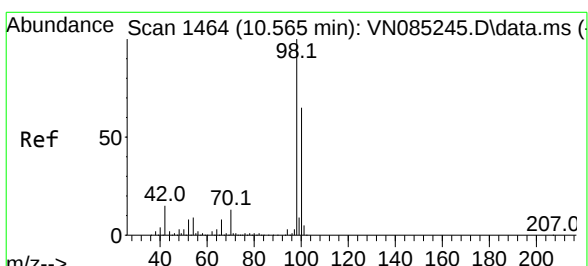
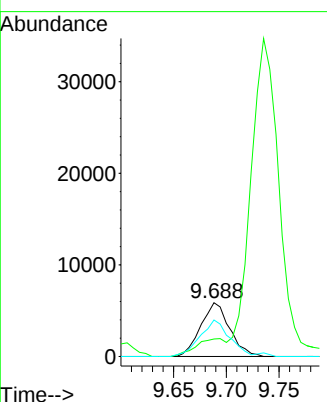
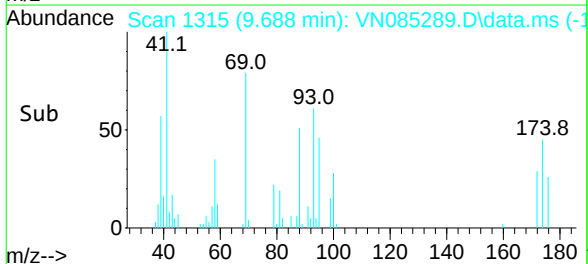


Tgt Ion: 88 Resp: 11194

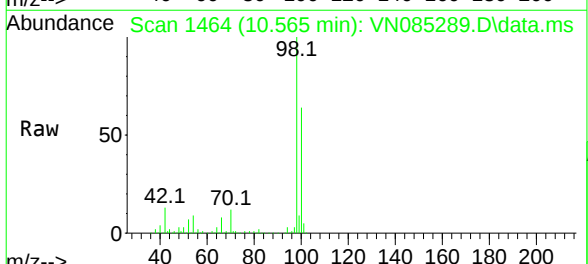
Ion	Ratio	Lower	Upper
88	100		
43	34.8	25.6	38.4
58	72.1	56.5	84.7

Manual Integrations
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Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

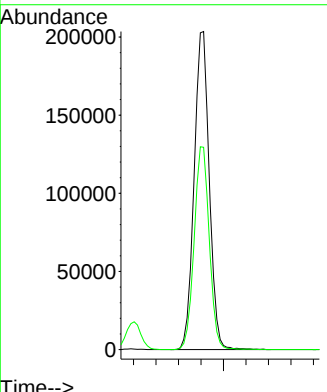
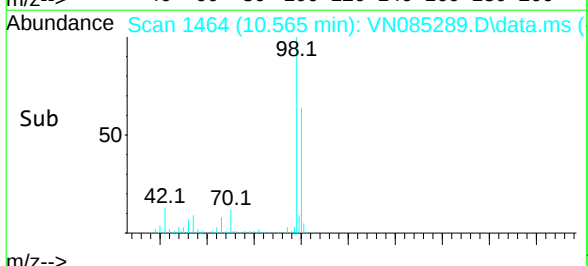


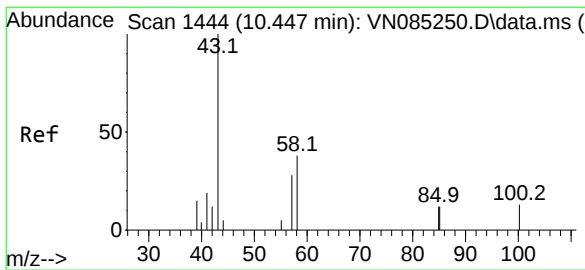
#50
Toluene-d8
Concen: 48.235 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49



Tgt Ion: 98 Resp: 381215

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4





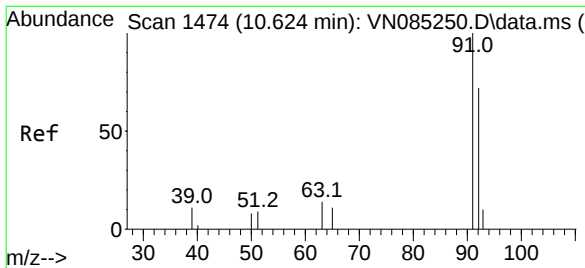
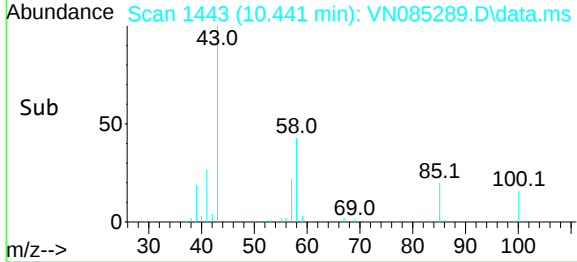
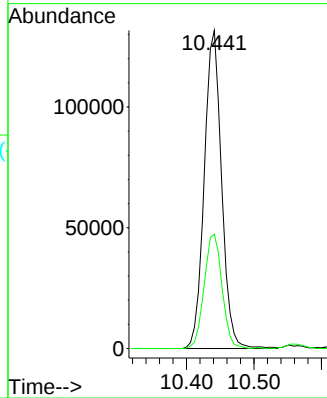
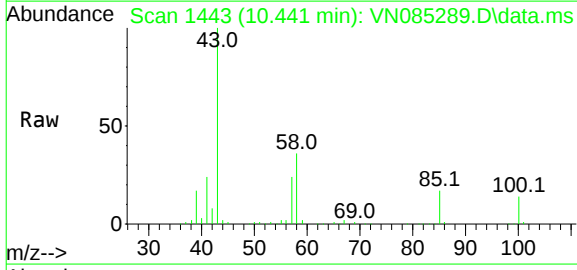
#51
4-Methyl-2-Pentanone
Concen: 70.348 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

Tgt Ion: 43 Resp: 234804
Ion Ratio Lower Upper
43 100
58 36.9 29.4 44.2

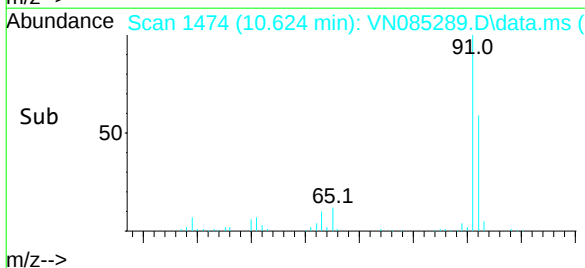
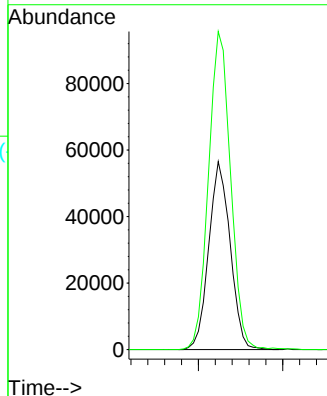
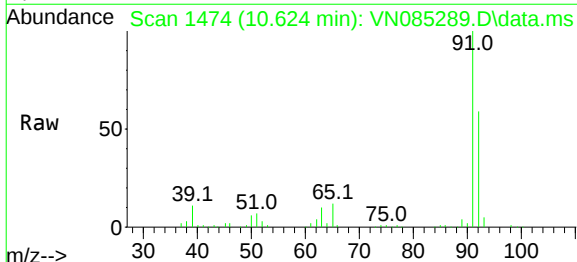
Manual Integrations
APPROVED

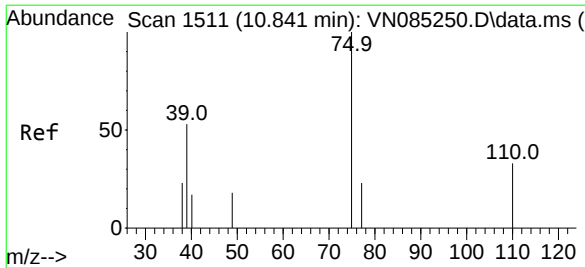
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#52
Toluene
Concen: 17.725 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

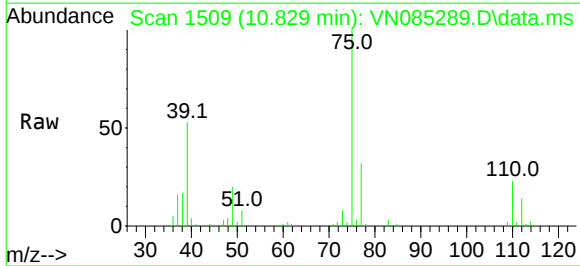
Tgt Ion: 92 Resp: 99833
Ion Ratio Lower Upper
92 100
91 174.7 138.9 208.3





#53
t-1,3-Dichloropropene
Concen: 16.777 ug/l
RT: 10.829 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

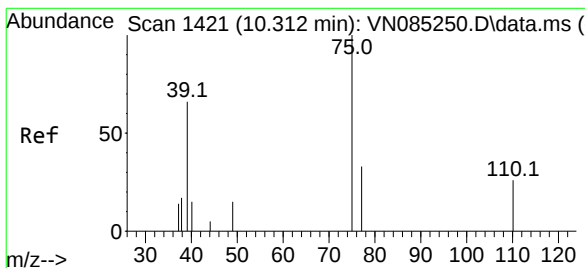
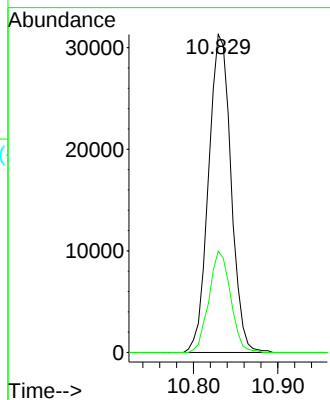
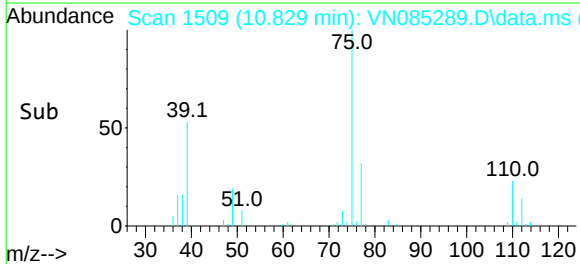
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



Tgt Ion: 75 Resp: 58009
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

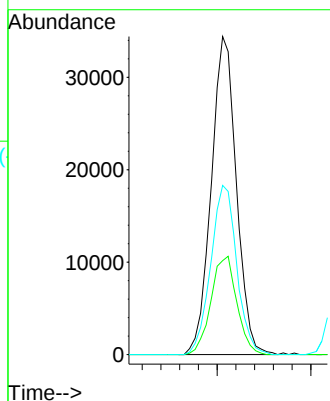
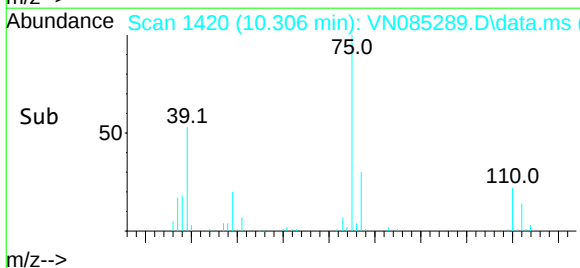
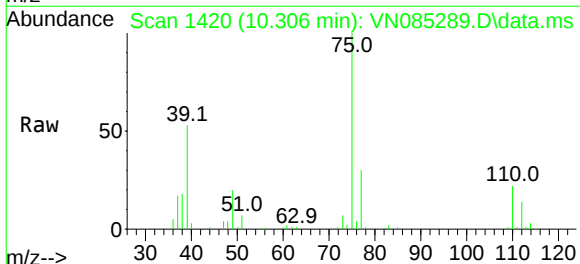
Manual Integrations
APPROVED

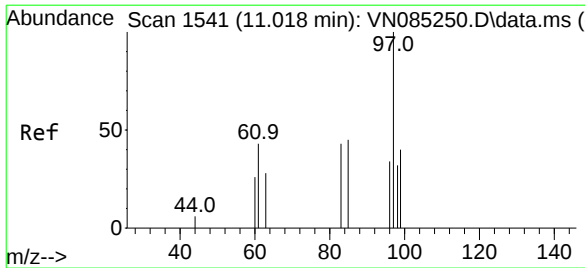
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#54
cis-1,3-Dichloropropene
Concen: 17.441 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

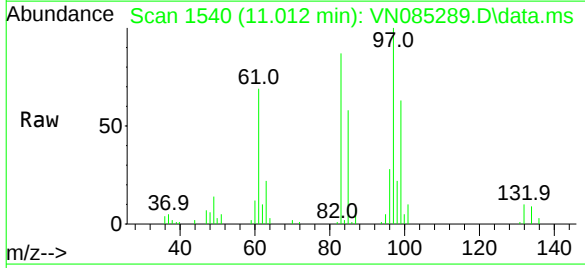
Tgt Ion: 75 Resp: 64115
Ion Ratio Lower Upper
75 100
77 29.5 26.6 39.8
39 53.2 45.3 67.9





#55
1,1,2-Trichloroethane
Concen: 17.215 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

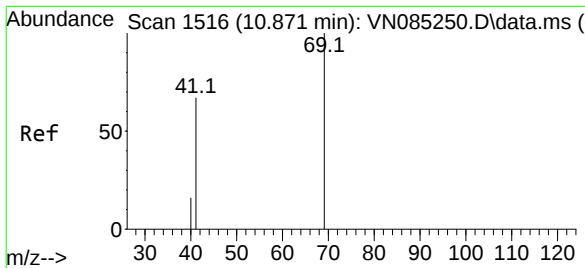
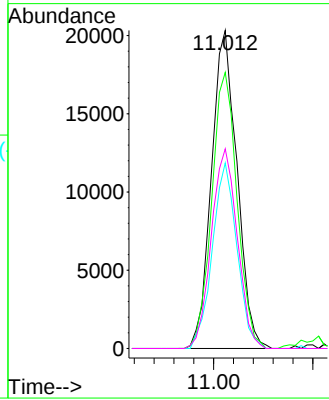
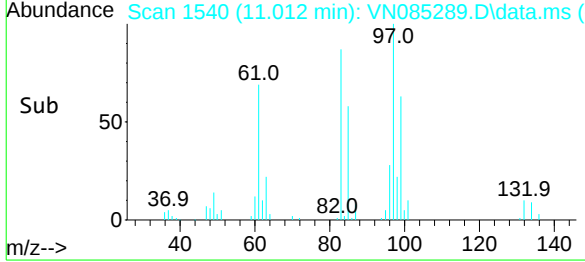
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



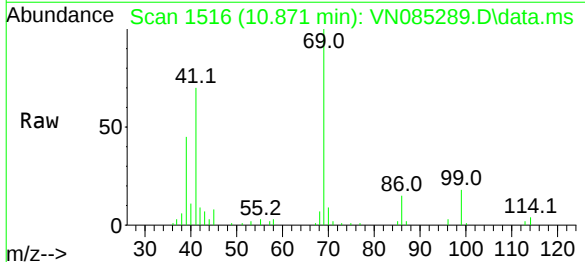
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.6	104.4
85	58.3	45.7	68.5
99	62.8	50.4	75.6

Manual Integrations
APPROVED

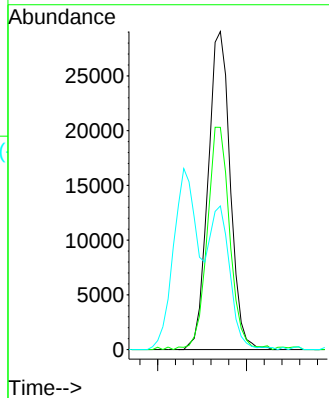
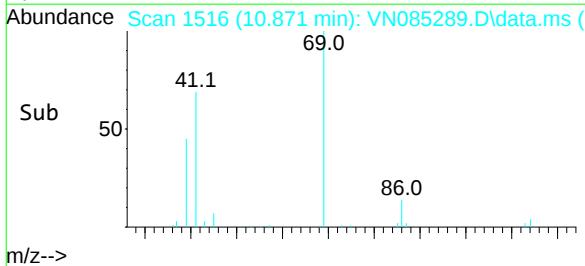
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

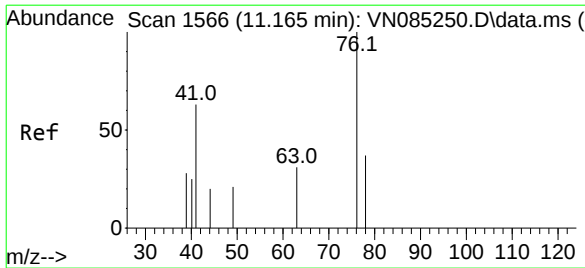


#56
Ethyl methacrylate
Concen: 14.226 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49



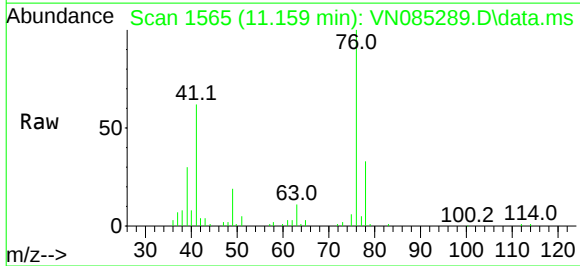
Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.2	57.5	86.3
39	41.2	33.4	50.2





#57
1,3-Dichloropropane
Concen: 17.244 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

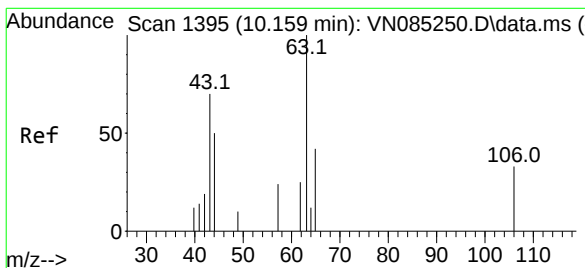
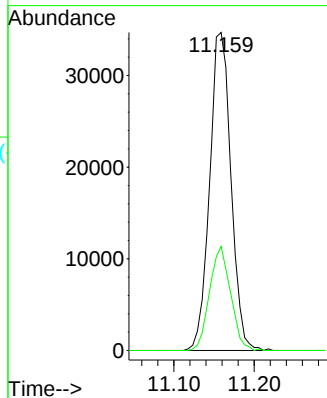
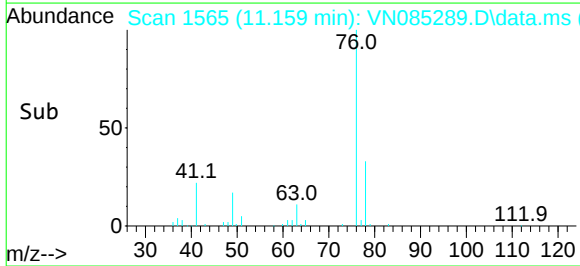
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



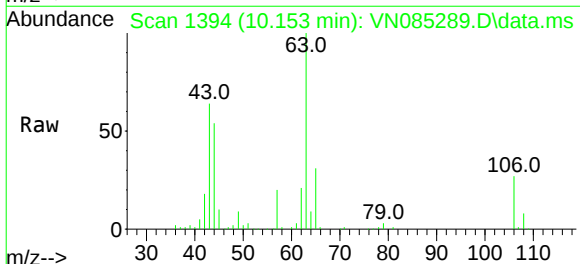
Tgt Ion: 76 Resp: 64006
Ion Ratio Lower Upper
76 100
78 32.2 25.4 38.2

Manual Integrations
APPROVED

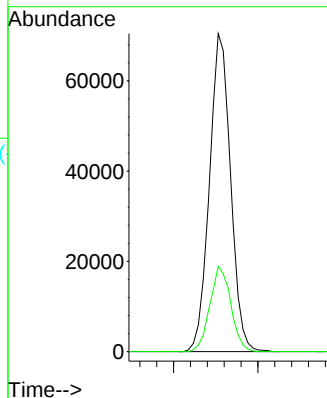
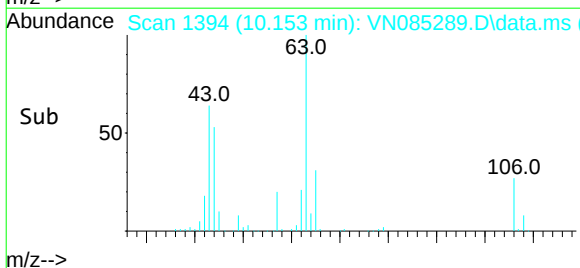
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

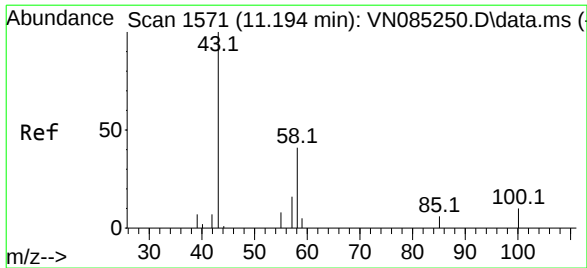


#58
2-Chloroethyl Vinyl ether
Concen: 75.994 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49



Tgt Ion: 63 Resp: 122654
Ion Ratio Lower Upper
63 100
106 26.5 21.2 31.8





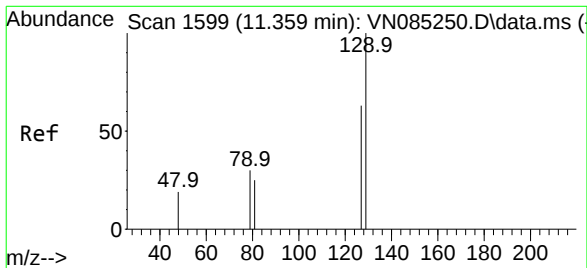
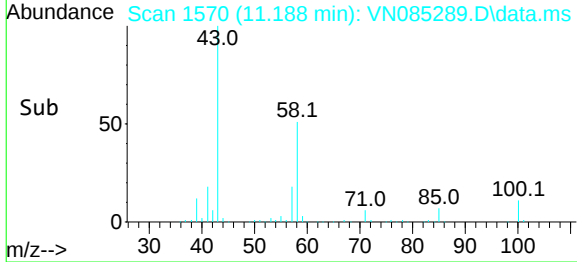
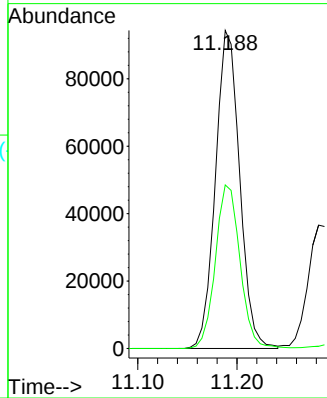
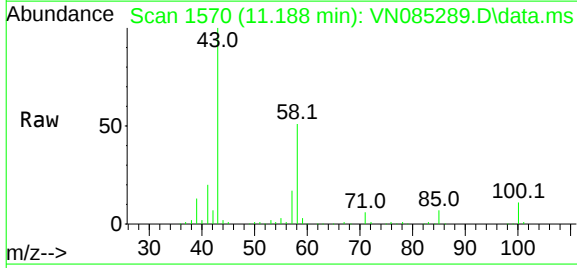
#59
2-Hexanone
Concen: 67.267 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

Tgt Ion: 43 Resp: 160046
Ion Ratio Lower Upper
43 100
58 52.3 25.8 77.4

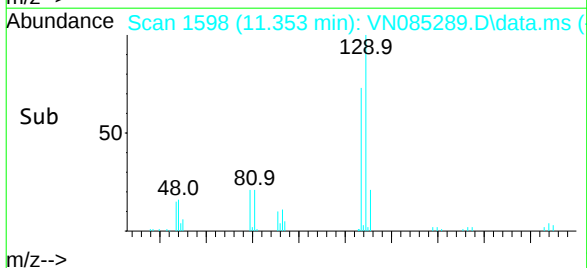
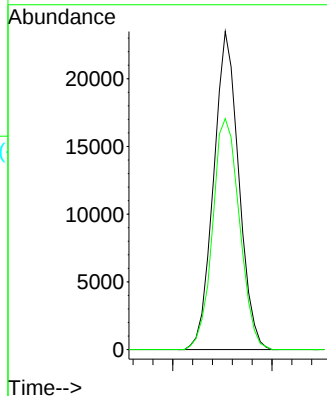
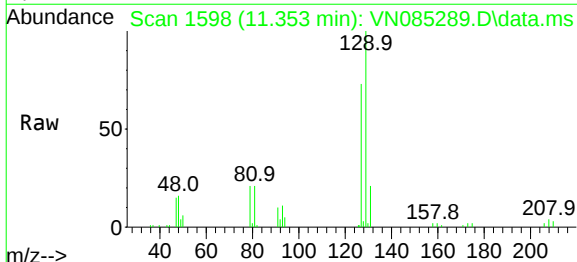
Manual Integrations
APPROVED

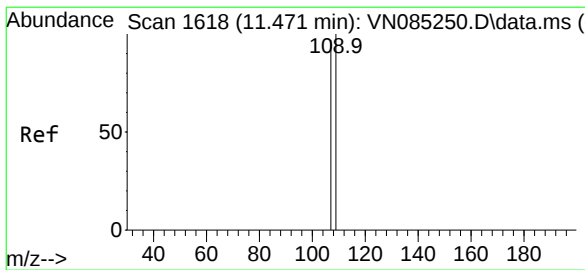
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#60
Dibromochloromethane
Concen: 16.551 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

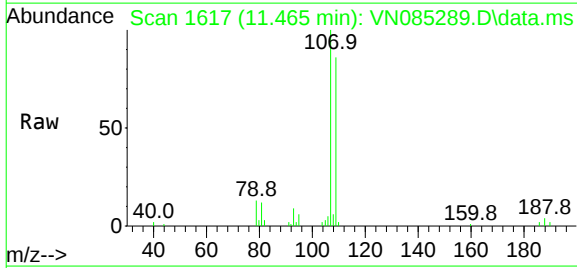
Tgt Ion:129 Resp: 41369
Ion Ratio Lower Upper
129 100
127 77.5 39.6 118.8





#61
1,2-Dibromoethane
Concen: 16.015 ug/l
RT: 11.465 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

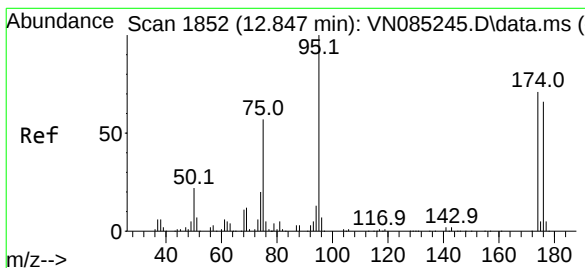
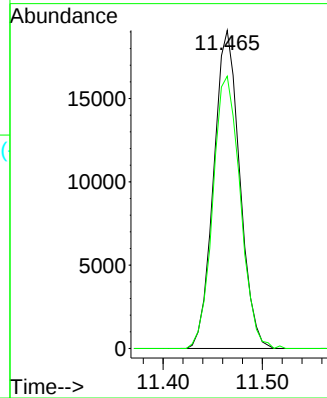
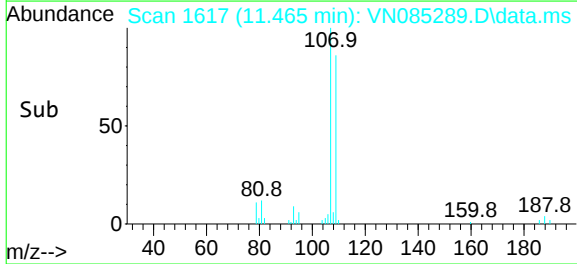
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



Tgt Ion: 107 Resp: 34788
Ion Ratio Lower Upper
107 100
109 90.3 74.2 111.4

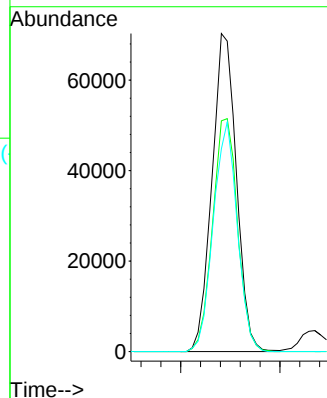
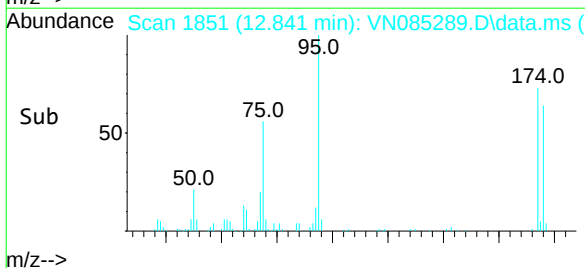
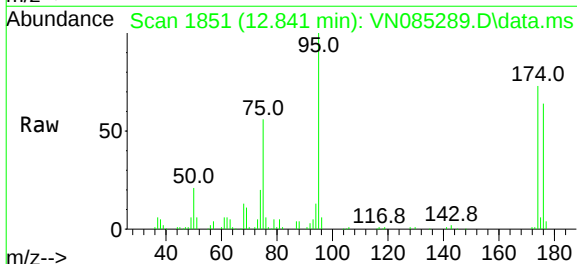
Manual Integrations
APPROVED

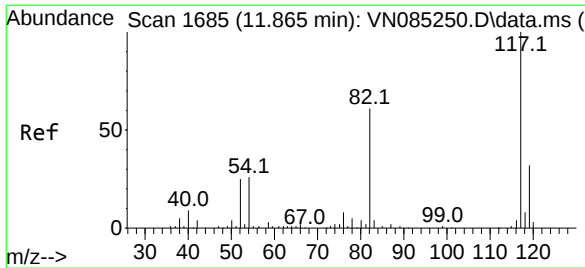
Reviewed By : John Carlone 12/26/2024
Supervised By : Mahesh Dadoda 12/26/2024



#62
4-Bromofluorobenzene
Concen: 42.637 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Tgt Ion: 95 Resp: 120359
Ion Ratio Lower Upper
95 100
174 74.9 0.0 144.4
176 70.7 0.0 136.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VN085289.D

Acq: 23 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01

Tgt Ion:117 Resp: 262876

Ion Ratio Lower Upper

117 100

82 59.9 47.4 71.2

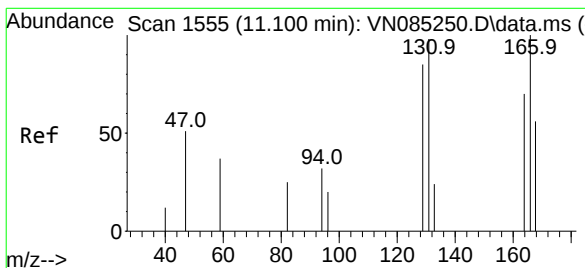
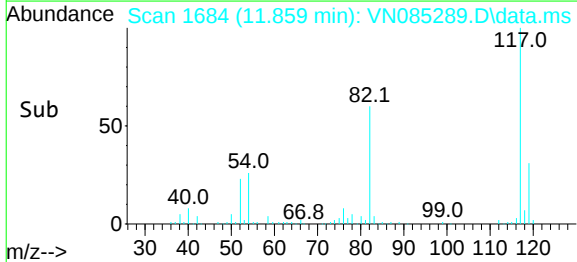
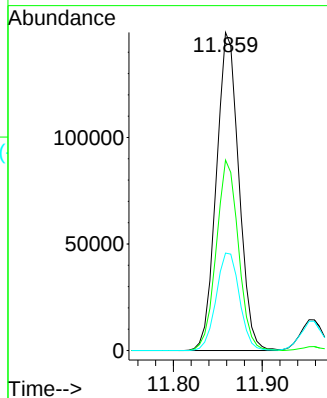
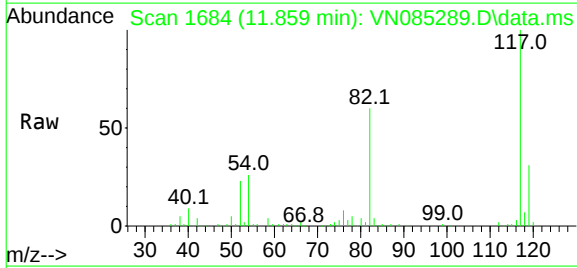
119 30.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#64

Tetrachloroethene

Concen: 19.053 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN085289.D

Acq: 23 Dec 2024 12:49

Tgt Ion:164 Resp: 33703

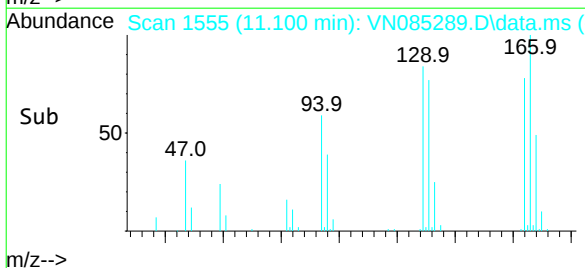
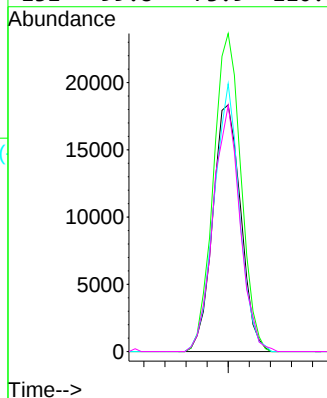
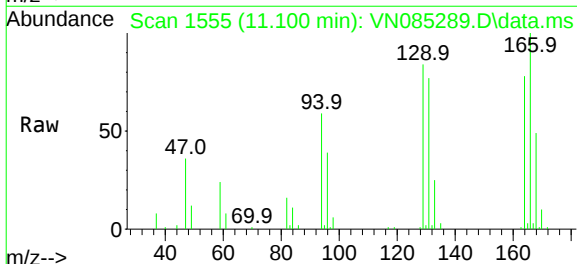
Ion Ratio Lower Upper

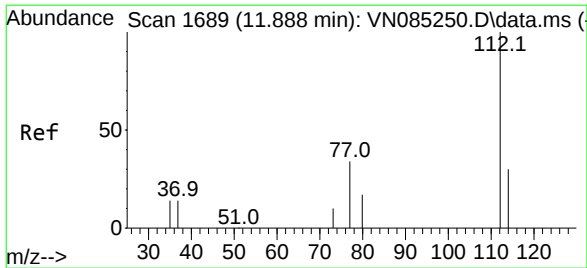
164 100

166 128.9 101.5 152.3

129 108.5 79.4 119.2

131 99.8 73.9 110.9





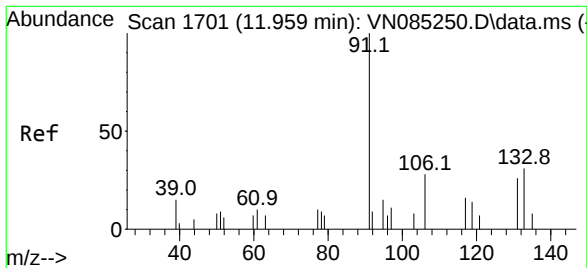
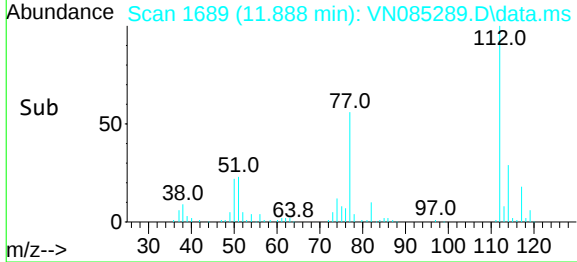
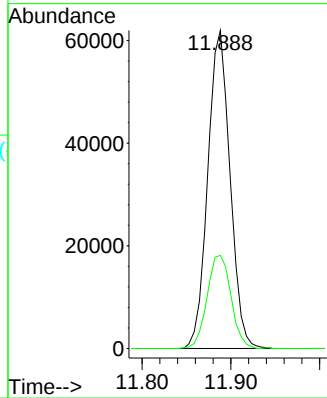
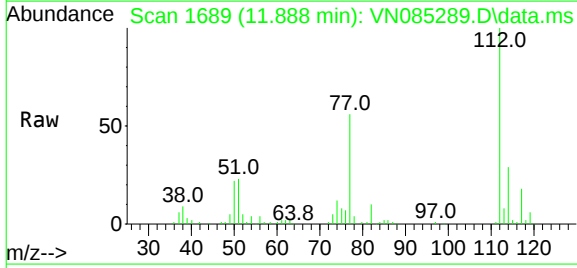
#65
Chlorobenzene
Concen: 18.244 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

Tgt Ion:112 Resp: 107807
Ion Ratio Lower Upper
112 100
114 29.3 26.2 39.4

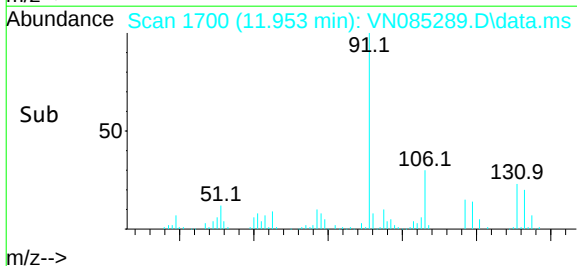
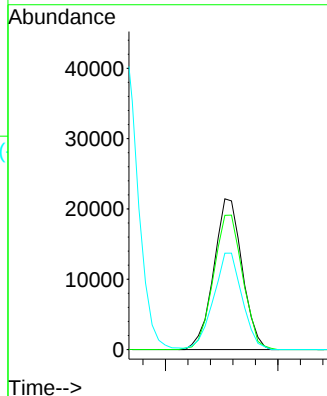
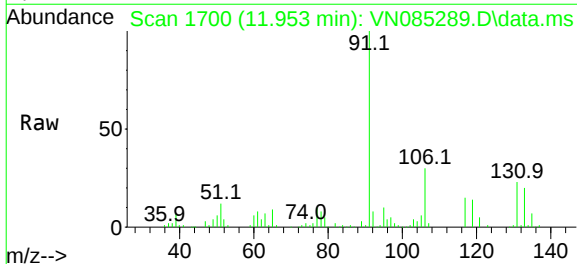
Manual Integrations
APPROVED

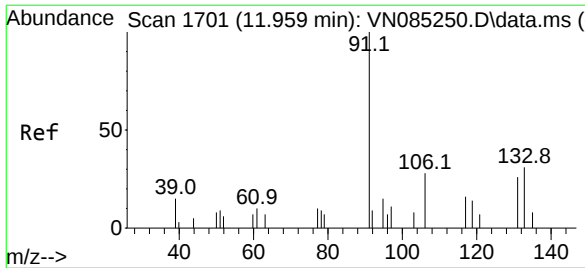
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.282 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Tgt Ion:131 Resp: 37689
Ion Ratio Lower Upper
131 100
133 91.5 48.6 145.8
119 64.3 32.5 97.5





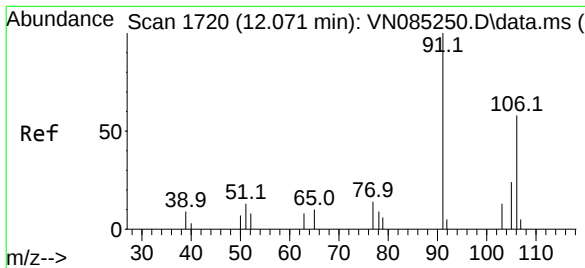
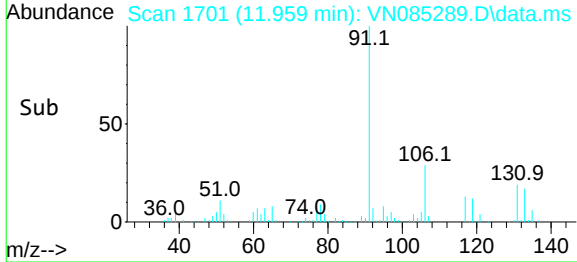
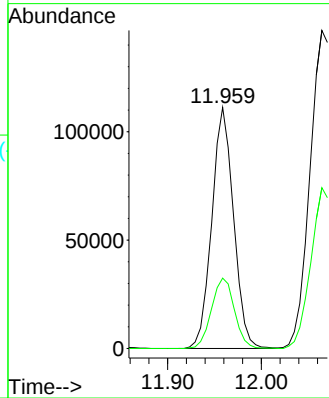
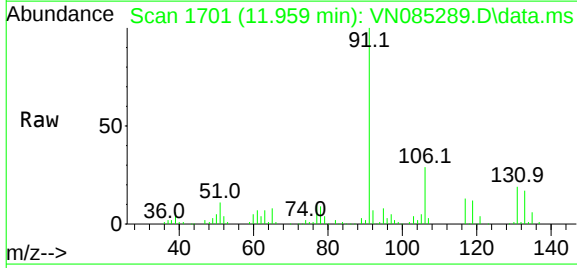
#67
Ethyl Benzene
Concen: 17.711 ug/l
RT: 11.959 min Scan# 1710
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

Tgt Ion: 91 Resp: 179379
Ion Ratio Lower Upper
91 100
106 29.2 23.5 35.3

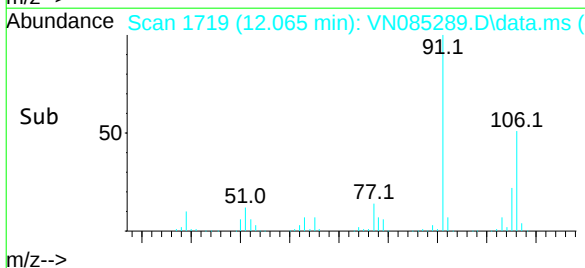
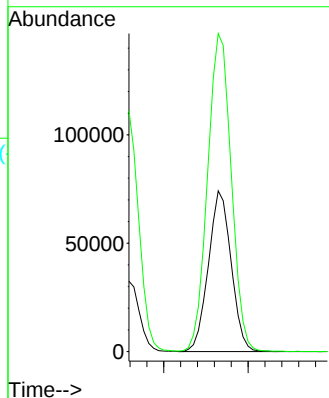
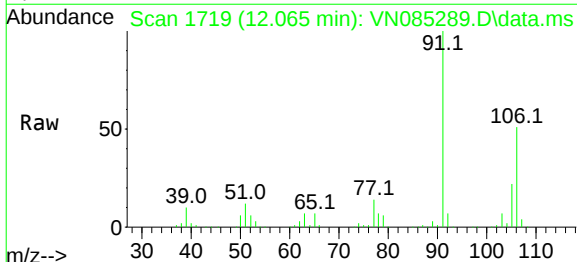
Manual Integrations
APPROVED

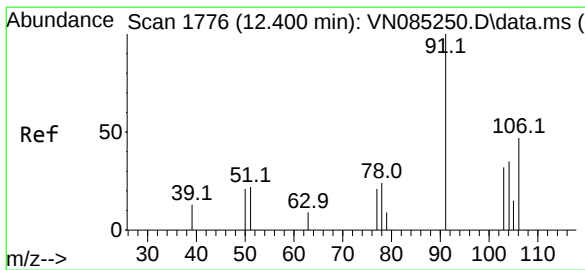
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#68
m/p-Xylenes
Concen: 36.737 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Tgt Ion:106 Resp: 139162
Ion Ratio Lower Upper
106 100
91 205.8 168.3 252.5





#69

o-Xylene

Concen: 17.965 ug/l

RT: 12.394 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN085289.D

Acq: 23 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01

Tgt Ion:106 Resp: 63965

Ion Ratio Lower Upper

106 100

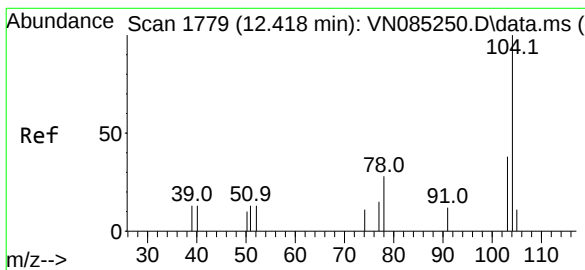
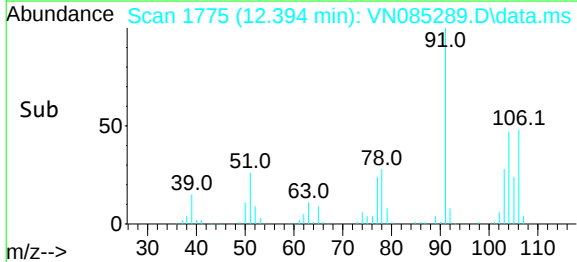
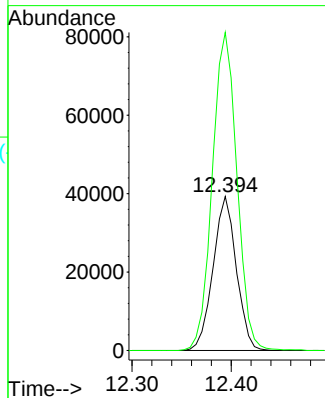
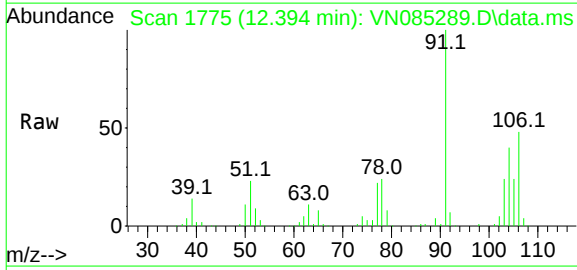
91 218.5 112.1 336.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#70

Styrene

Concen: 18.015 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VN085289.D

Acq: 23 Dec 2024 12:49

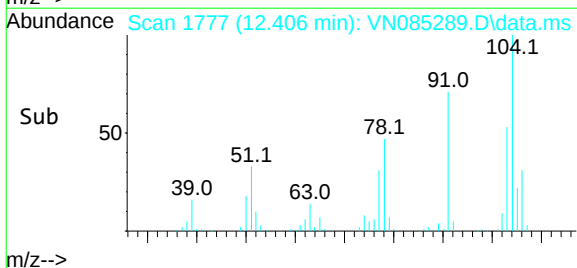
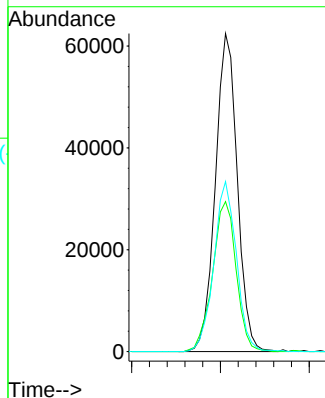
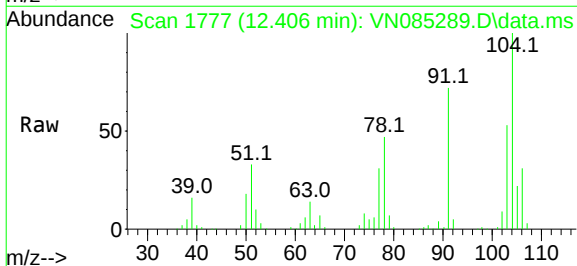
Tgt Ion:104 Resp: 107083

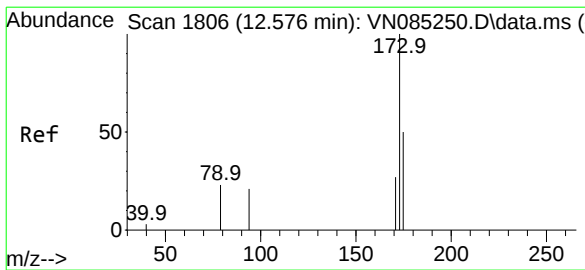
Ion Ratio Lower Upper

104 100

78 50.8 43.2 64.8

103 55.2 44.6 66.8





#71

Bromoform

Concen: 15.855 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085289.D

Acq: 23 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01

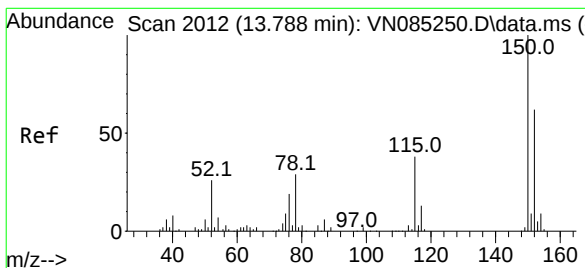
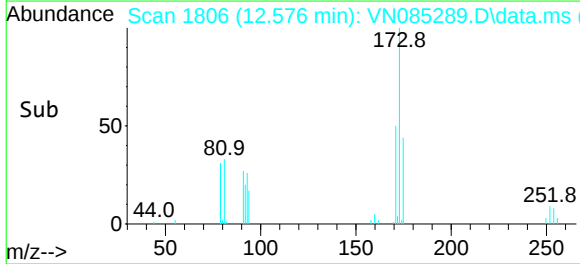
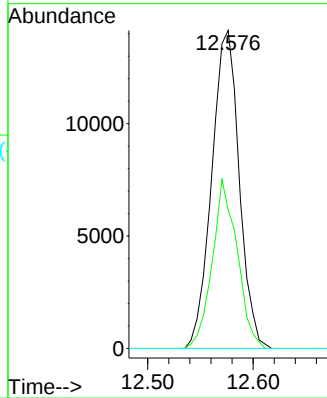
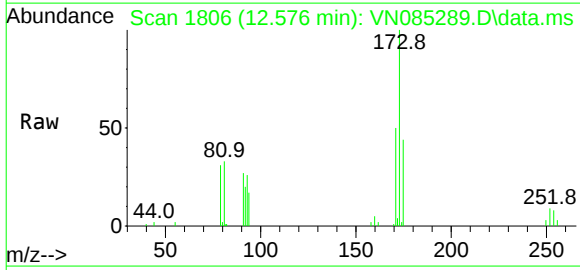
Tgt Ion:	173	Resp:	25621
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.5	73.5
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

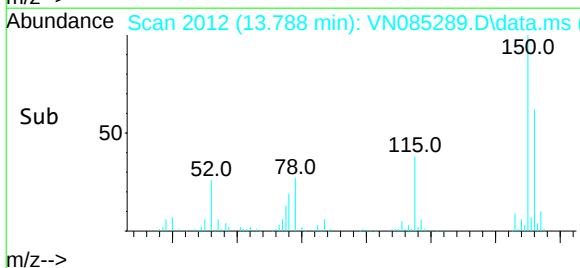
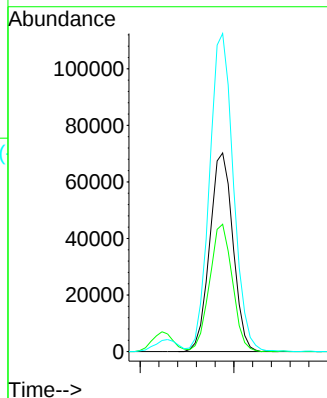
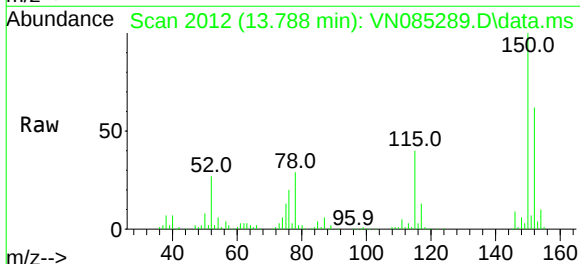
RT: 13.788 min Scan# 2012

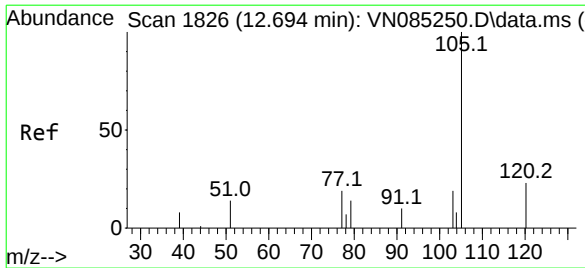
Delta R.T. -0.000 min

Lab File: VN085289.D

Acq: 23 Dec 2024 12:49

Tgt Ion:	152	Resp:	120533
Ion Ratio	Lower	Upper	
152	100		
115	63.0	32.1	96.3
150	165.4	0.0	354.6





#73

Isopropylbenzene

Concen: 18.322 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085289.D

Acq: 23 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01

Tgt Ion: 105 Resp: 159310

Ion Ratio Lower Upper

105 100

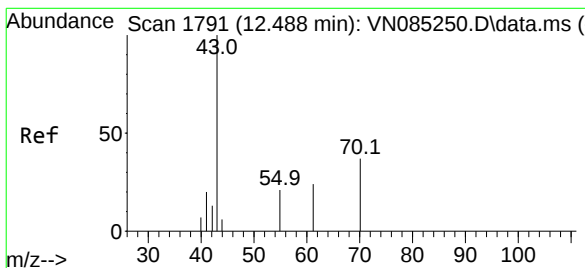
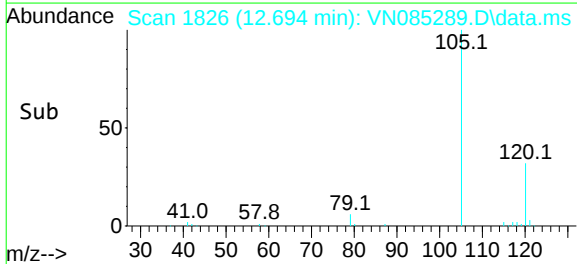
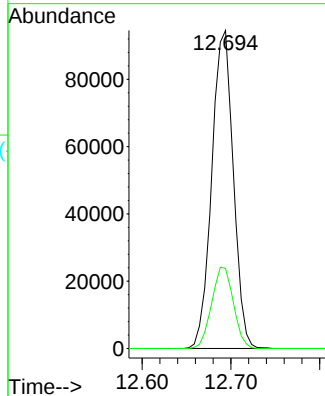
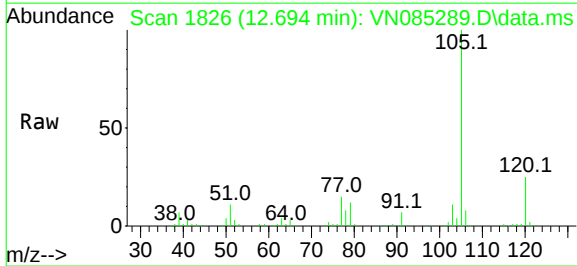
120 25.7 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#74

N-ethyl acetate

Concen: 15.022 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN085289.D

Acq: 23 Dec 2024 12:49

Tgt Ion: 43 Resp: 65238

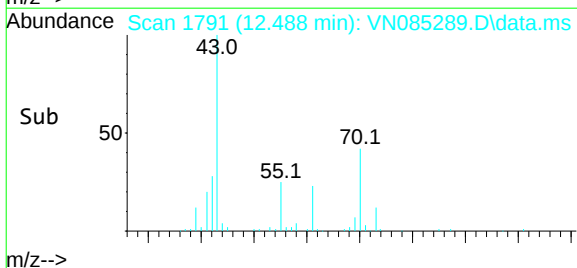
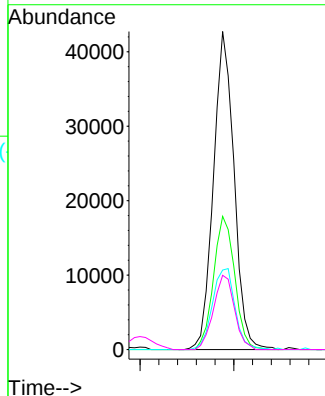
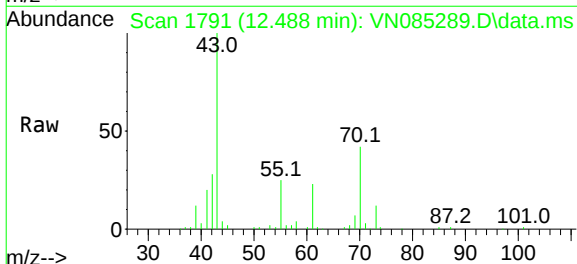
Ion Ratio Lower Upper

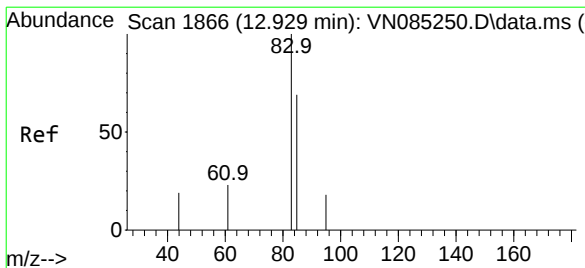
43 100

70 42.9 31.5 47.3

55 27.9 19.0 28.4

61 23.8 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 15.802 ug/l

RT: 12.935 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VN085289.D

Acq: 23 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01

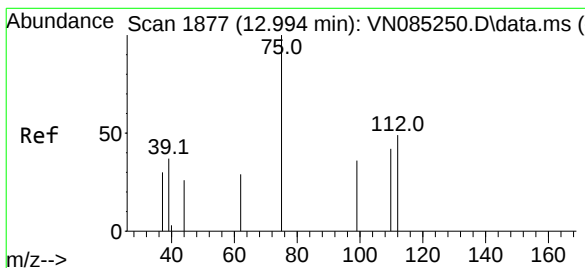
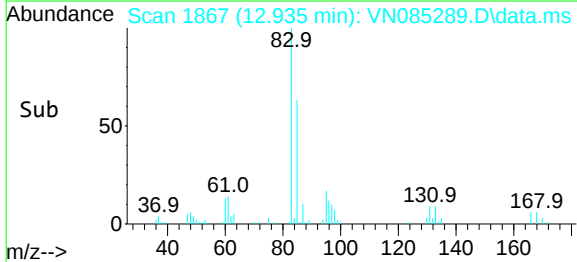
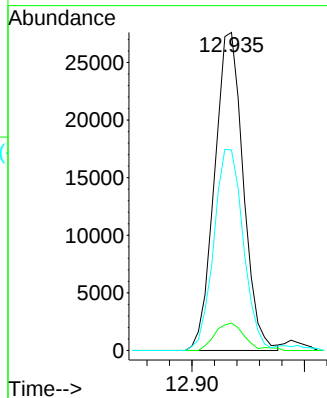
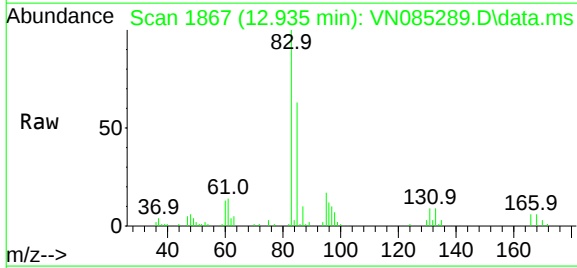
Tgt Ion:	83	Resp:	48954
Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.7	14.1
85	64.8	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#76

1,2,3-Trichloropropane

Concen: 17.009 ug/l m

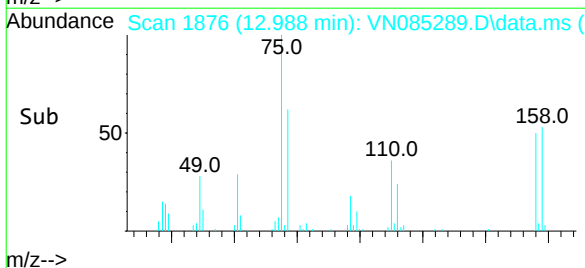
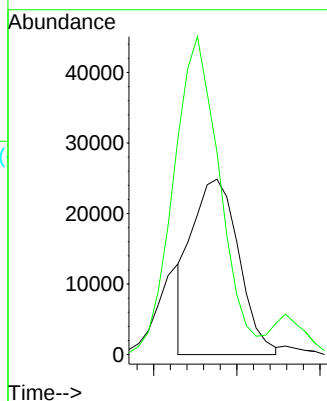
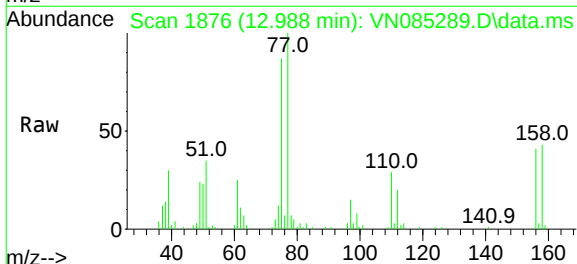
RT: 12.988 min Scan# 1876

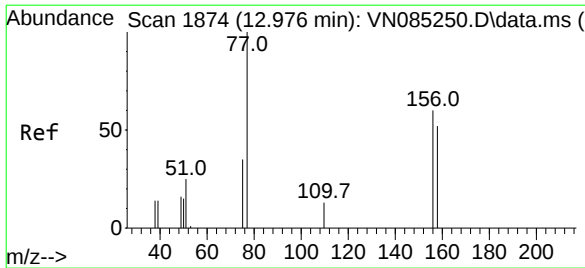
Delta R.T. -0.006 min

Lab File: VN085289.D

Acq: 23 Dec 2024 12:49

Tgt Ion:	75	Resp:	48868
Ion	Ratio	Lower	Upper
75	100		
77	177.9	102.6	307.7





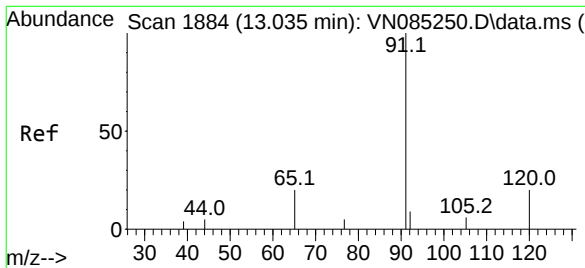
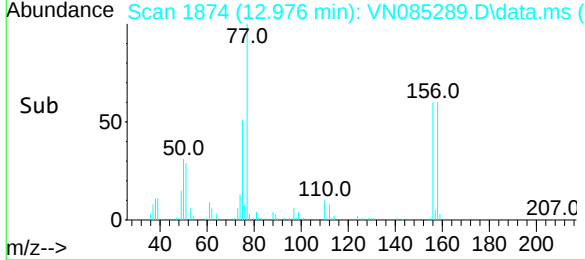
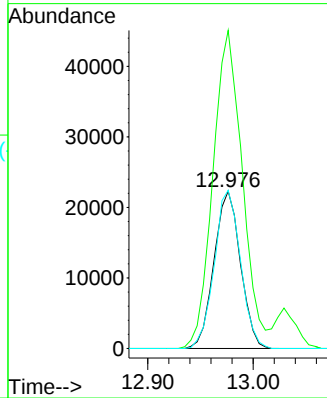
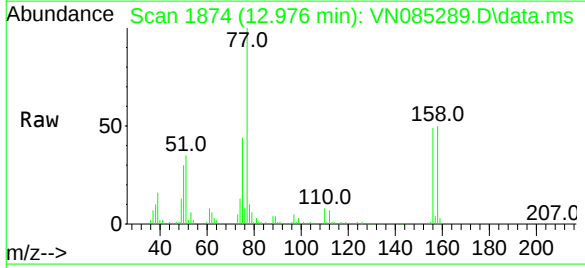
Bromobenzene
 Concen: 16.955 ug/l
 RT: 12.976 min Scan# 1874
 Delta R.T. -0.000 min
 Lab File: VN085289.D
 Acq: 23 Dec 2024 12:49

Instrument : MSVOA_N
 ClientSampleId : VN1223WBS01

Tgt Ion:	156	Resp:	38707
Ion Ratio	Lower	Upper	
156	100		
77	224.6	115.8	347.3
158	100.0	47.9	143.7

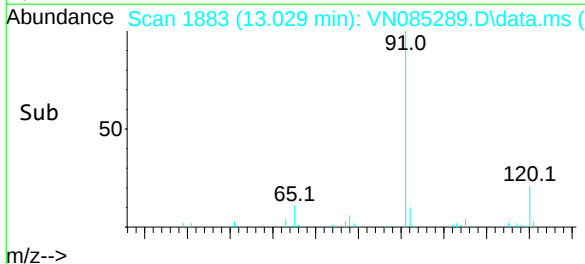
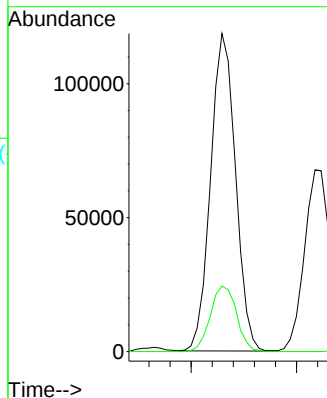
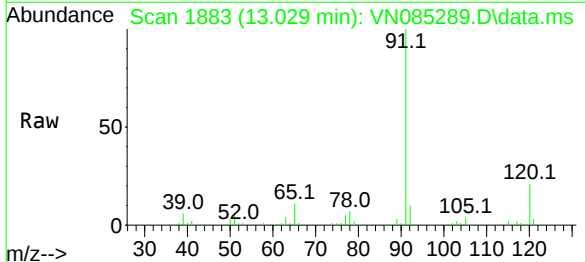
Manual Integrations
 APPROVED

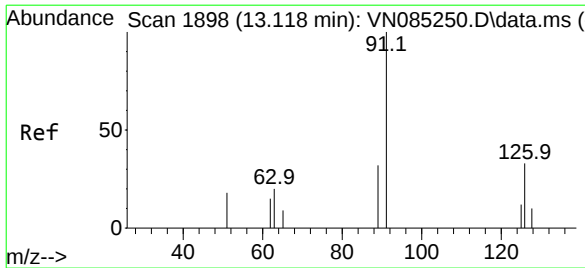
Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024



n-propylbenzene
 Concen: 18.254 ug/l
 RT: 13.029 min Scan# 1883
 Delta R.T. -0.006 min
 Lab File: VN085289.D
 Acq: 23 Dec 2024 12:49

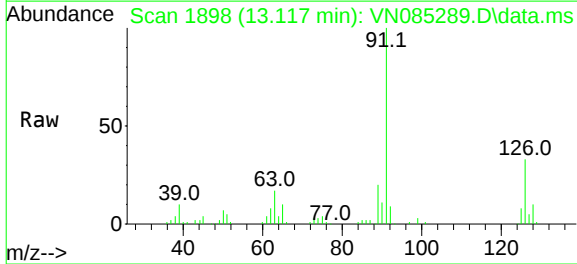
Tgt Ion:	91	Resp:	194658
Ion Ratio	Lower	Upper	
91	100		
120	21.7	10.8	32.3





#79
2-Chlorotoluene
Concen: 17.657 ug/l
RT: 13.117 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

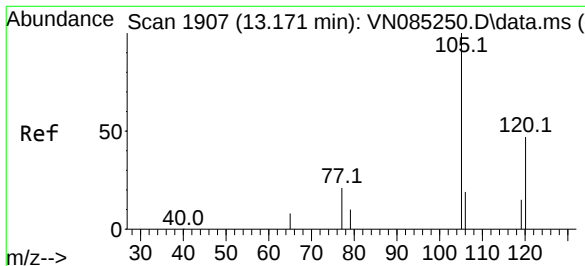
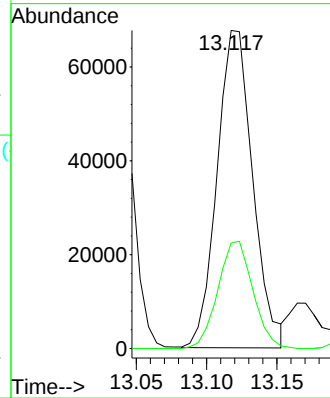
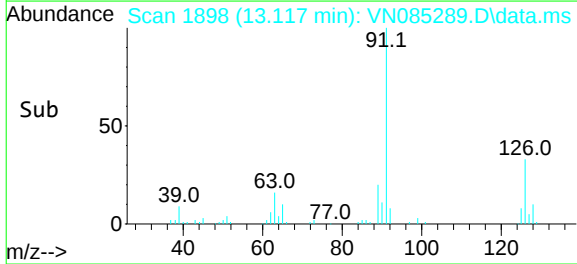
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



Tgt Ion: 91 Resp: 119545
Ion Ratio Lower Upper
91 100
126 33.1 15.2 45.5

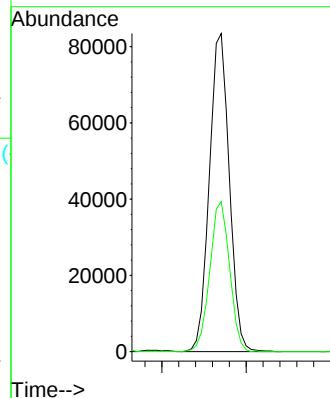
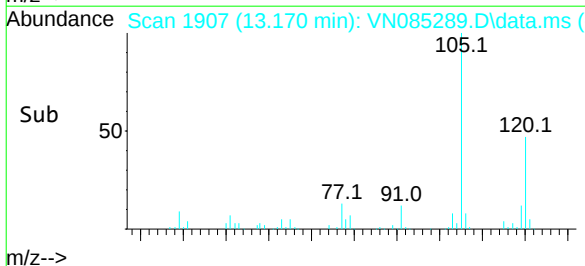
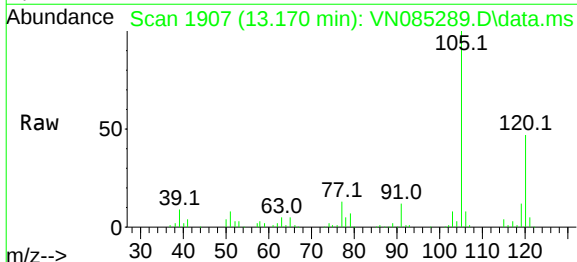
Manual Integrations
APPROVED

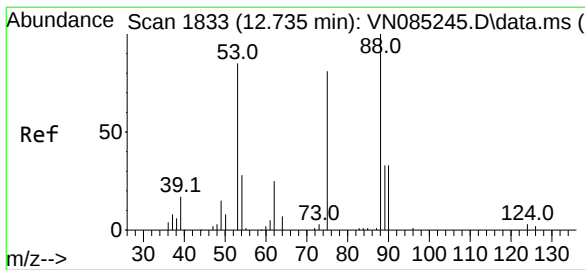
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.894 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

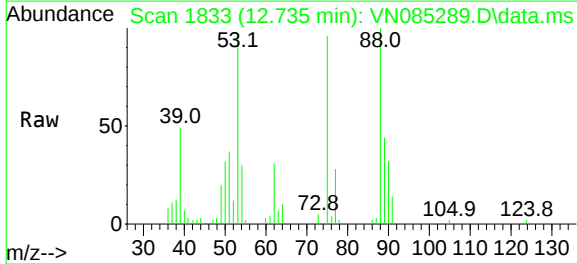
Tgt Ion:105 Resp: 137030
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.2





#81
trans-1,4-Dichloro-2-butene
Concen: 15.039 ug/l m
RT: 12.735 min Scan# 18
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

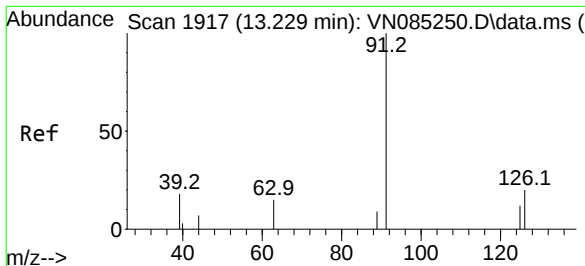
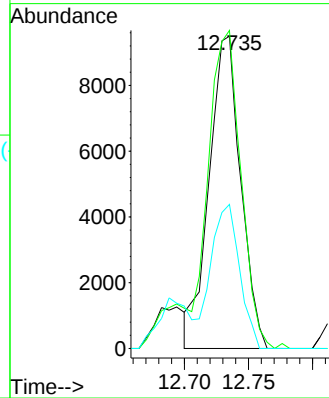
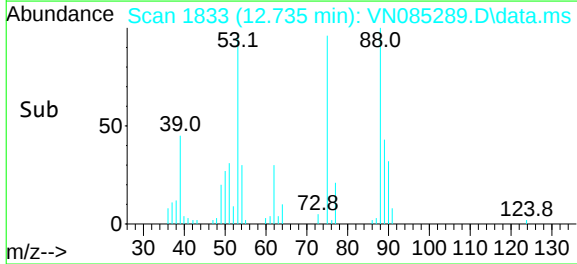
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



Tgt Ion: 75 Resp: 16273
Ion Ratio Lower Upper
75 100
53 118.7 84.9 127.3
89 42.7 37.9 56.9

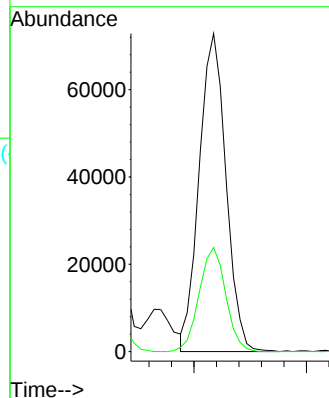
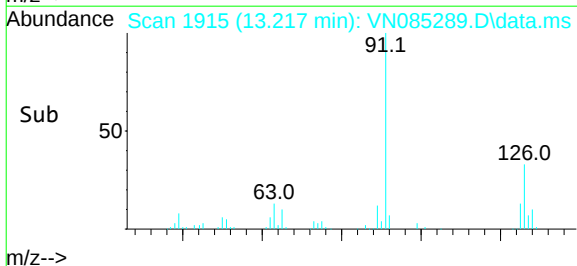
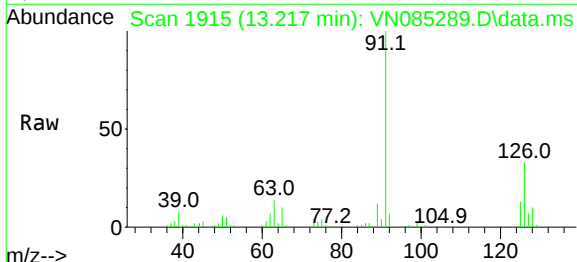
Manual Integrations
APPROVED

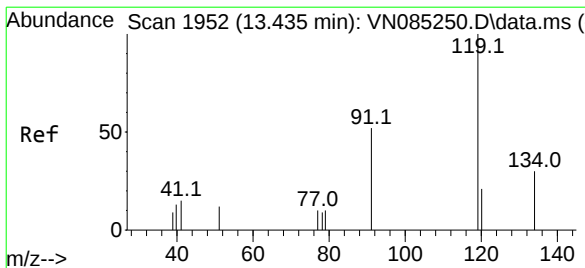
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#82
4-Chlorotoluene
Concen: 17.562 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

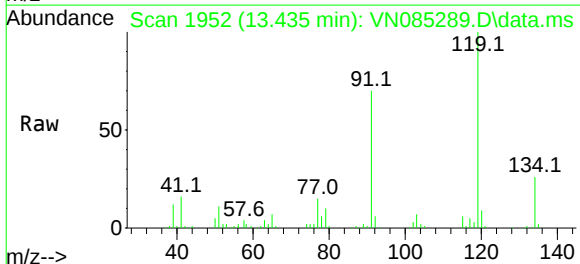
Tgt Ion: 91 Resp: 120323
Ion Ratio Lower Upper
91 100
126 32.5 15.6 46.8





#83
tert-Butylbenzene
Concen: 17.994 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

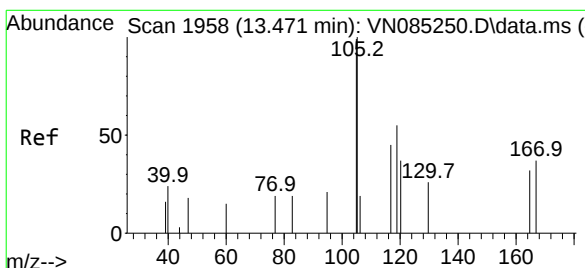
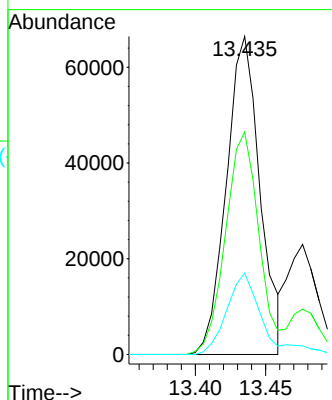
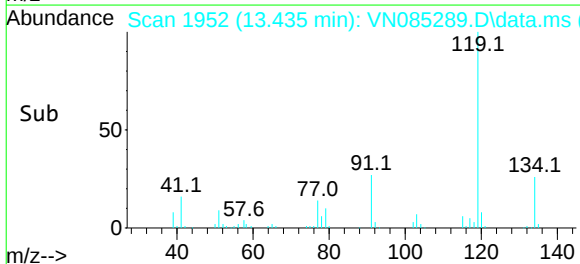
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



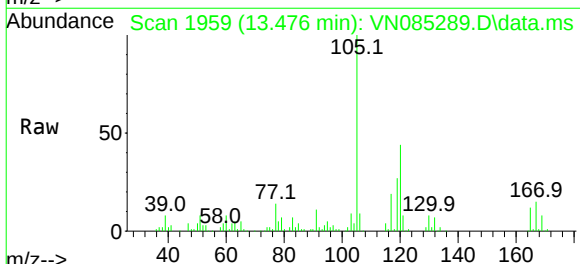
Tgt Ion:119 Resp: 110671
Ion Ratio Lower Upper
119 100
91 68.9 36.3 108.7
134 26.8 12.2 36.6

Manual Integrations
APPROVED

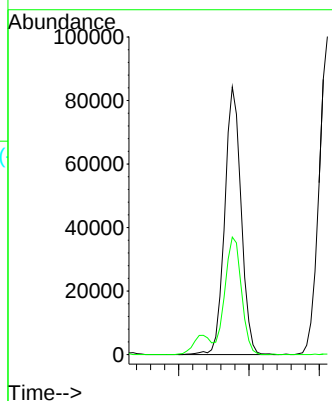
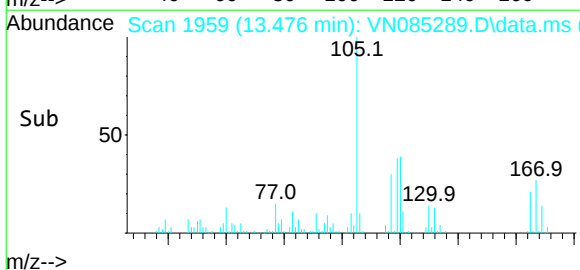
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

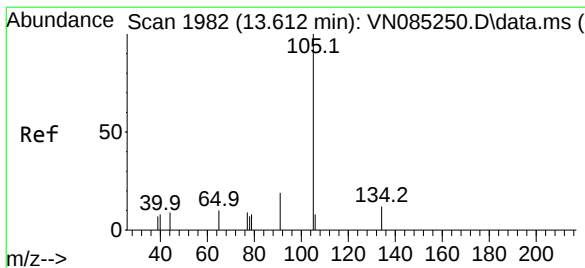


#84
1,2,4-Trimethylbenzene
Concen: 18.422 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49



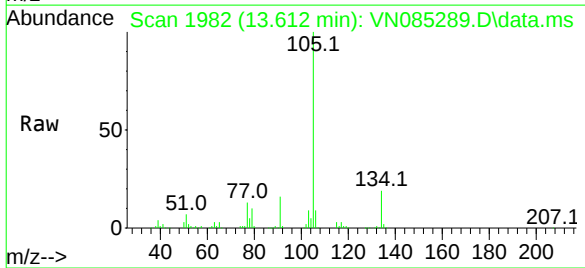
Tgt Ion:105 Resp: 136564
Ion Ratio Lower Upper
105 100
120 44.7 21.8 65.3





#85
sec-Butylbenzene
Concen: 18.857 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

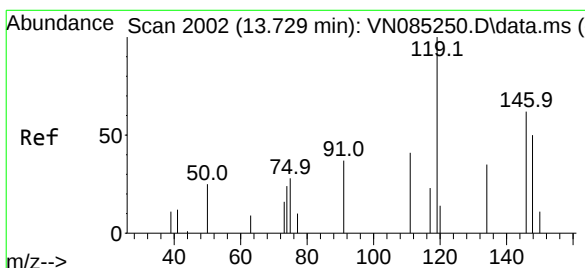
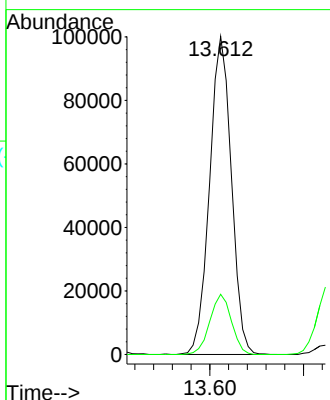
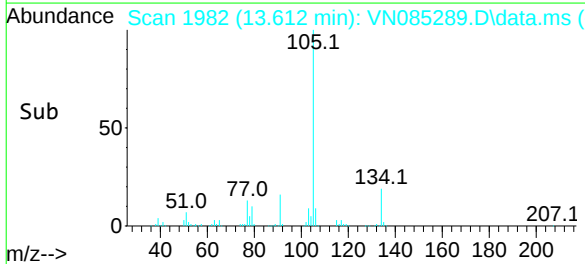
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



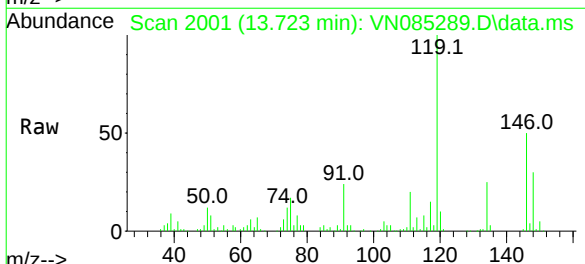
Tgt Ion:105 Resp: 161694
Ion Ratio Lower Upper
105 100
134 18.8 9.4 28.3

Manual Integrations
APPROVED

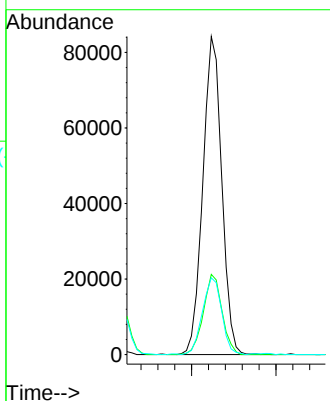
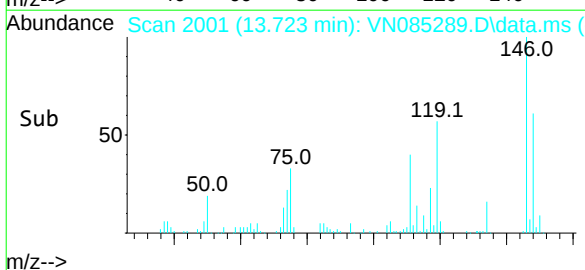
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

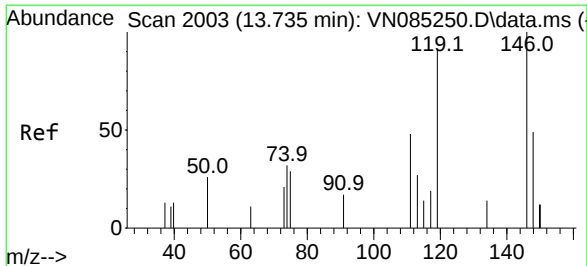


#86
p-Isopropyltoluene
Concen: 17.142 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49



Tgt Ion:119 Resp: 131186
Ion Ratio Lower Upper
119 100
134 24.9 12.5 37.5
91 24.6 13.0 38.9





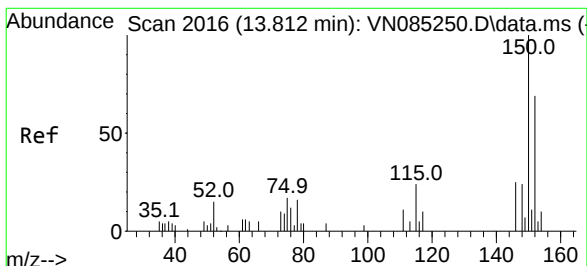
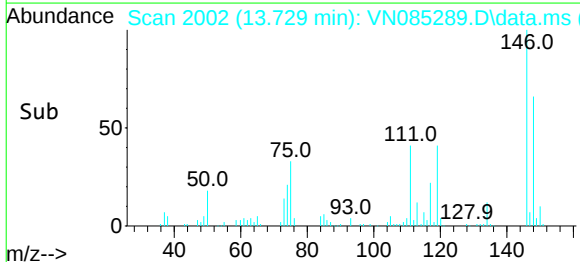
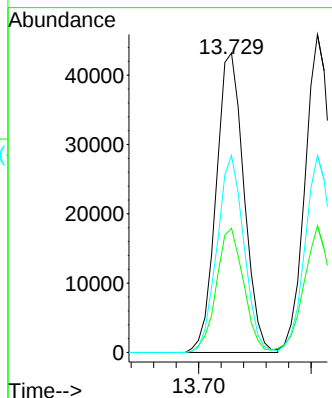
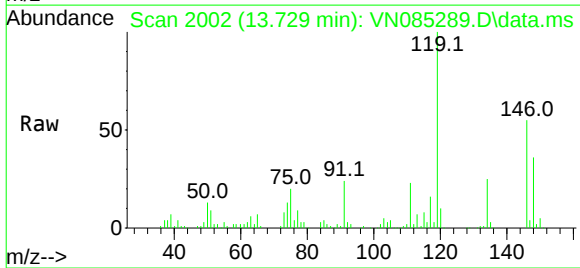
#87
1,3-Dichlorobenzene
Concen: 17.652 ug/l
RT: 13.729 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

Tgt Ion:146 Resp: 74210
Ion Ratio Lower Upper
146 100
111 40.6 21.5 64.5
148 63.5 31.4 94.0

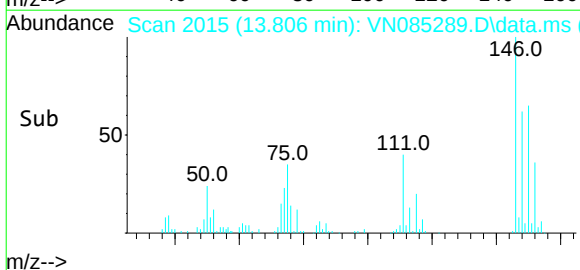
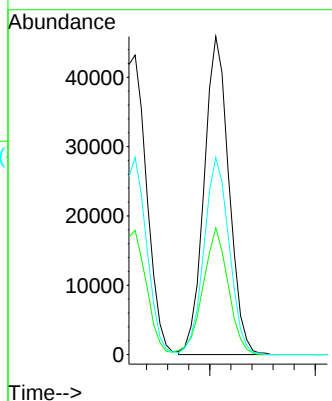
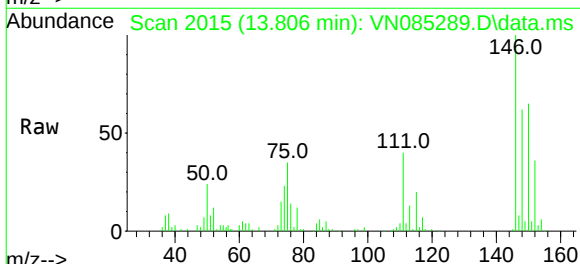
Manual Integrations
APPROVED

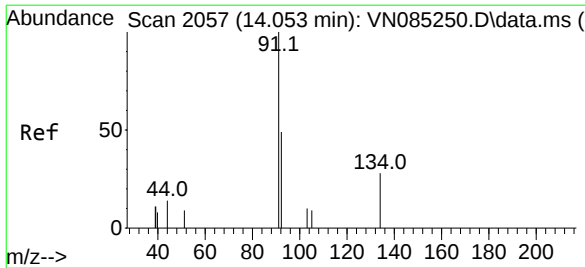
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#88
1,4-Dichlorobenzene
Concen: 17.276 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

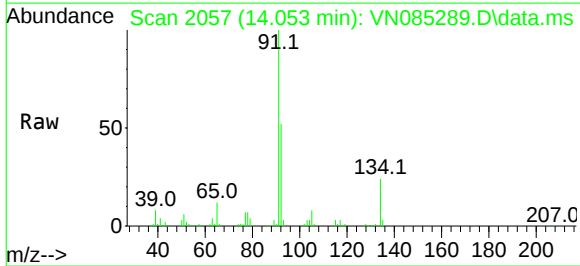
Tgt Ion:146 Resp: 75152
Ion Ratio Lower Upper
146 100
111 40.4 20.8 62.5
148 62.8 31.9 95.9





#89
n-Butylbenzene
Concen: 17.157 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

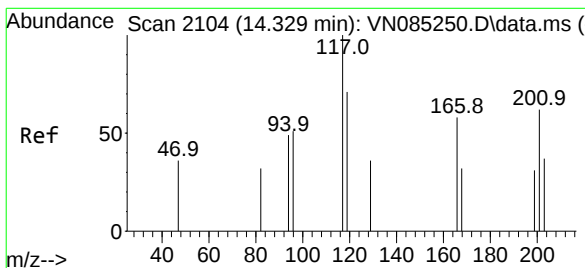
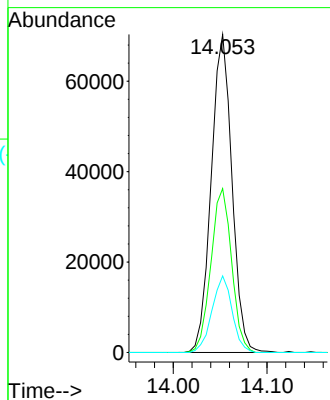
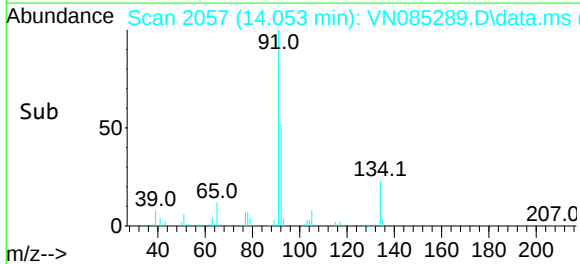
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



Tgt Ion: 91 Resp: 108194
Ion Ratio Lower Upper
91 100
92 51.4 25.8 77.3
134 23.3 12.0 36.0

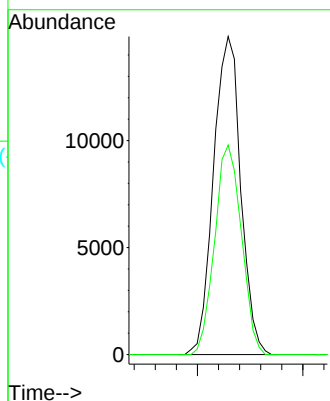
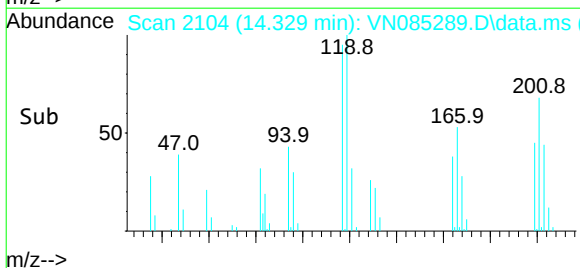
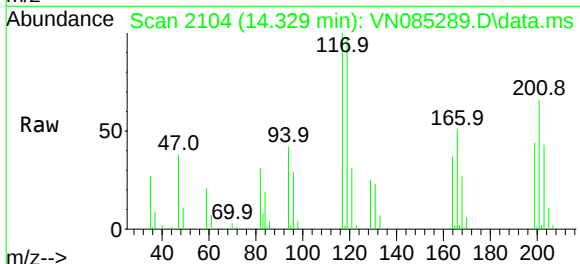
Manual Integrations
APPROVED

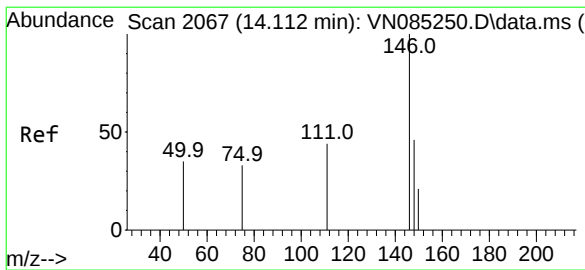
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#90
Hexachloroethane
Concen: 16.924 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

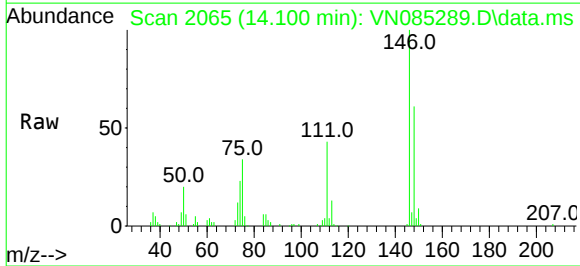
Tgt Ion:117 Resp: 26659
Ion Ratio Lower Upper
117 100
201 64.7 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 17.873 ug/l
RT: 14.100 min Scan# 2067
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

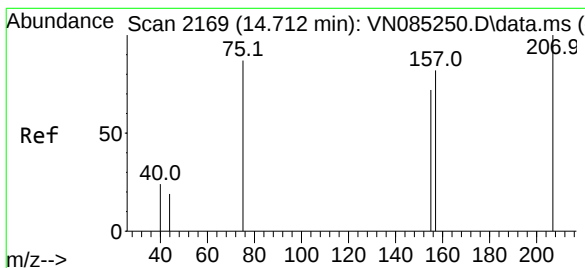
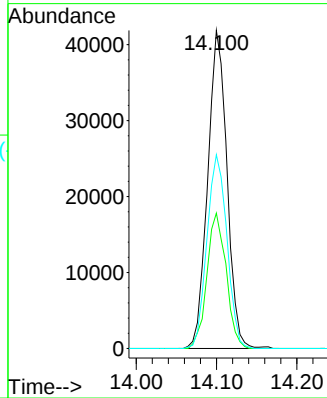
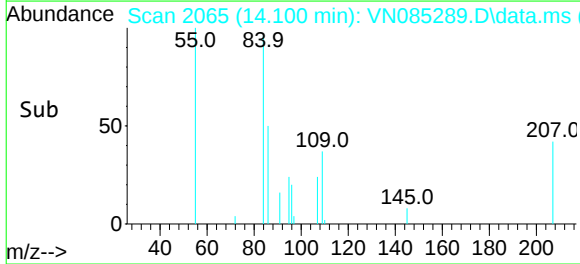
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



Tgt Ion: 146 Resp: 69887
Ion Ratio Lower Upper
146 100
111 42.4 22.1 66.1
148 63.1 31.9 95.9

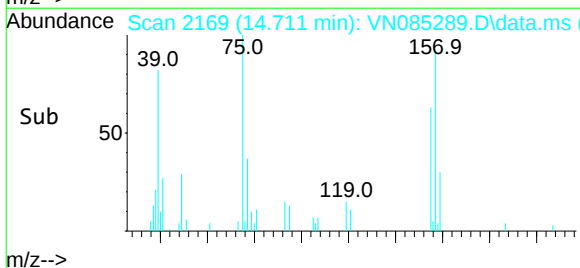
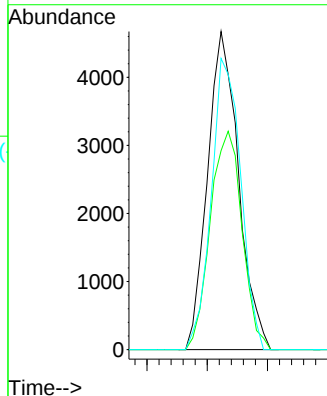
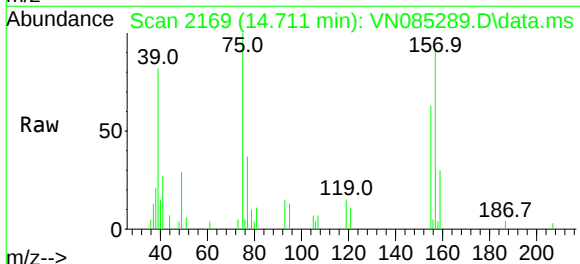
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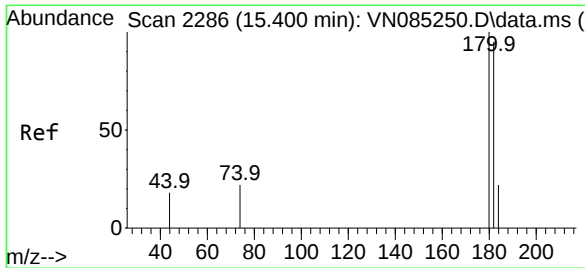
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 14.034 ug/l
RT: 14.711 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

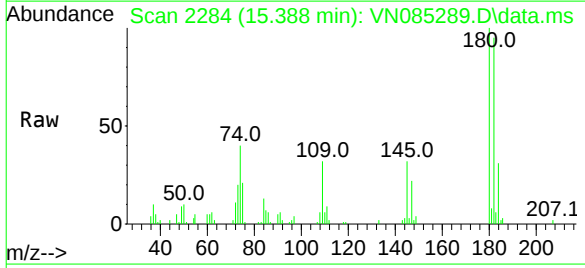
Tgt Ion: 75 Resp: 8338
Ion Ratio Lower Upper
75 100
155 70.6 35.4 106.2
157 87.1 43.3 129.9





#93
1,2,4-Trichlorobenzene
Concen: 15.800 ug/l
RT: 15.388 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

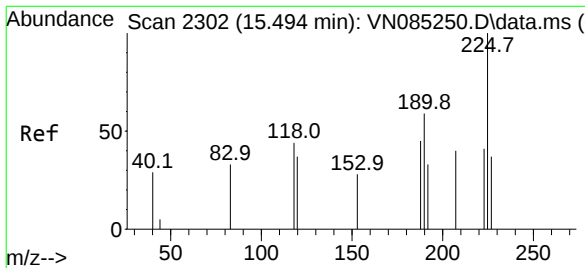
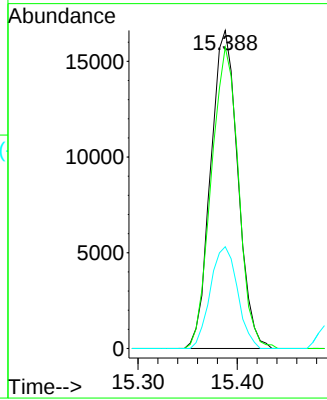
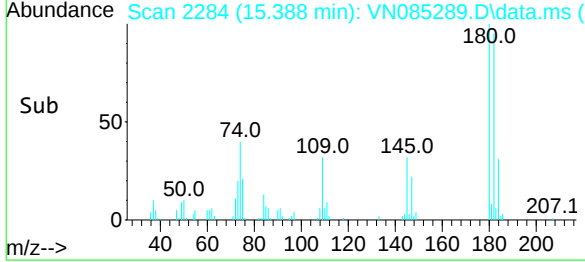
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01



Tgt Ion:180 Resp: 31626
Ion Ratio Lower Upper
180 100
182 94.6 46.3 138.8
145 32.0 16.6 49.7

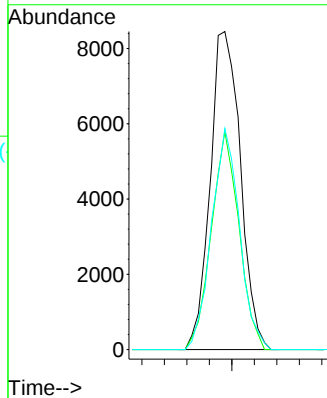
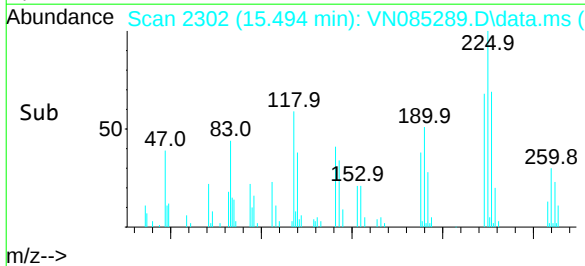
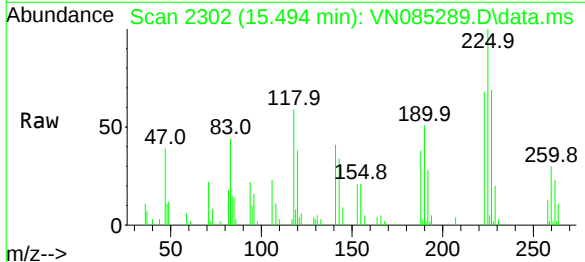
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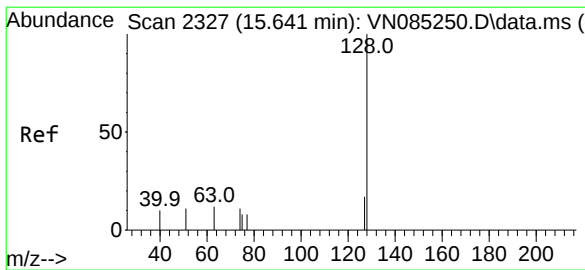
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#94
Hexachlorobutadiene
Concen: 15.192 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Tgt Ion:225 Resp: 15805
Ion Ratio Lower Upper
225 100
223 62.7 34.1 102.2
227 64.3 33.2 99.6





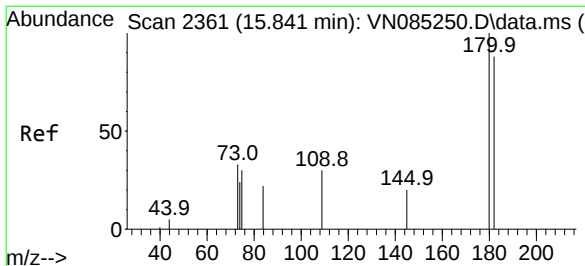
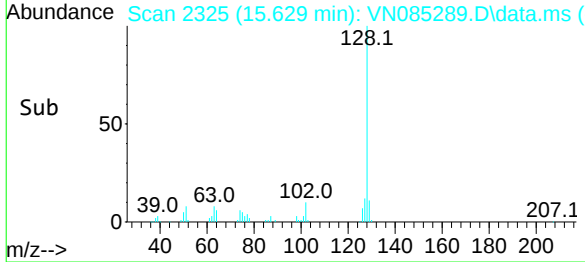
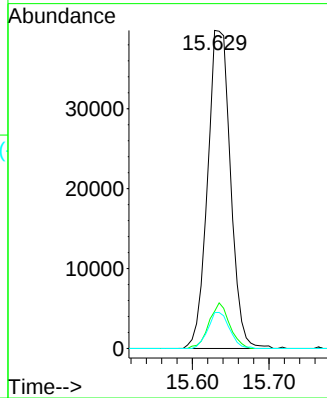
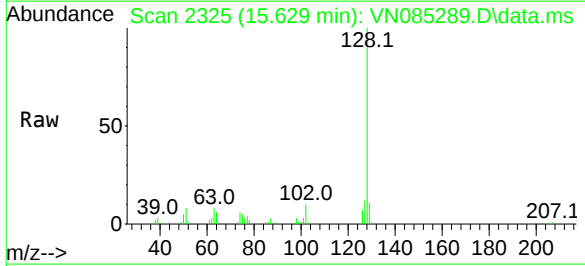
#95
Naphthalene
Concen: 12.470 ug/l
RT: 15.629 min Scan# 2327
Delta R.T. -0.012 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

Tgt Ion:	128	Resp:	82661
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.7	8.6	13.0

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Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#96
1,2,3-Trichlorobenzene
Concen: 15.262 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085289.D
Acq: 23 Dec 2024 12:49

Tgt Ion:	180	Resp:	30513
Ion Ratio	Lower	Upper	
180	100		
182	95.8	46.9	140.6
145	34.8	17.6	52.8

