

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085331.D
 Acq On : 27 Dec 2024 17:30
 Operator : JC\MD
 Sample : VN1227WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/30/2024
 Supervised By : Mahesh Dadoda 12/30/2024

Quant Time: Dec 28 01:43:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	144320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101437	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111665	54.248	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.500%
35) Dibromofluoromethane	8.165	113	81846	50.827	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.660%
50) Toluene-d8	10.565	98	306433	51.858	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.720%
62) 4-Bromofluorobenzene	12.847	95	102680	52.322	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36940	18.926	ug/l	100
3) Chloromethane	2.359	50	40431	18.430	ug/l	96
4) Vinyl Chloride	2.512	62	43248	18.641	ug/l	97
5) Bromomethane	2.959	94	27990	18.447	ug/l	97
6) Chloroethane	3.124	64	28037	19.056	ug/l	90
7) Trichlorofluoromethane	3.501	101	56663	18.580	ug/l	95
8) Diethyl Ether	3.959	74	20596	20.396	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	31898	18.381	ug/l	98
10) Methyl Iodide	4.595	142	38836	19.339	ug/l	94
11) Tert butyl alcohol	5.518	59	31625	122.694	ug/l	100
12) 1,1-Dichloroethene	4.342	96	29765	18.559	ug/l	87
13) Acrolein	4.177	56	42286	105.226	ug/l	99
14) Allyl chloride	5.018	41	48941	19.067	ug/l	96
15) Acrylonitrile	5.712	53	86613	106.764	ug/l	99
16) Acetone	4.424	43	74365	109.867	ug/l	97
17) Carbon Disulfide	4.712	76	85742	17.574	ug/l	100
18) Methyl Acetate	5.024	43	45651	22.030	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	106310	20.394	ug/l	99
20) Methylene Chloride	5.271	84	34153	18.759	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	31142	18.589	ug/l	94
22) Diisopropyl ether	6.671	45	112873	20.407	ug/l	97
23) Vinyl Acetate	6.600	43	420622	105.120	ug/l	98
24) 1,1-Dichloroethane	6.565	63	63046	18.922	ug/l	99
25) 2-Butanone	7.483	43	120630	114.877	ug/l	100
26) 2,2-Dichloropropane	7.489	77	55298	18.943	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	38491	19.575	ug/l	97
28) Bromochloromethane	7.812	49	31497	20.342	ug/l #	99
29) Tetrahydrofuran	7.836	42	77549	114.648	ug/l	98
30) Chloroform	7.965	83	65160	19.116	ug/l	97
31) Cyclohexane	8.253	56	53985	17.744	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	55283	18.160	ug/l	99
36) 1,1-Dichloropropene	8.371	75	44914	19.050	ug/l	98
37) Ethyl Acetate	7.559	43	51502	21.977	ug/l	99
38) Carbon Tetrachloride	8.359	117	49612	19.305	ug/l	98
39) Methylcyclohexane	9.600	83	46006	18.807	ug/l	98
40) Benzene	8.600	78	139012	19.501	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	25169	20.971	ug/l	98
42) 1,2-Dichloroethane	8.671	62	50307	19.684	ug/l	99
43) Isopropyl Acetate	8.688	43	81902	21.225	ug/l	99
44) Trichloroethene	9.347	130	31187	18.479	ug/l	89
45) 1,2-Dichloropropane	9.618	63	36004	19.896	ug/l	95
46) Dibromomethane	9.712	93	24716	19.639	ug/l	99
47) Bromodichloromethane	9.888	83	52551	20.090	ug/l #	96
48) Methyl methacrylate	9.677	41	36782	21.968	ug/l	98
49) 1,4-Dioxane	9.694	88	13671	541.163	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	248614	114.650	ug/l	100
52) Toluene	10.624	92	85029	20.033	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	51708	20.101	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	55748	20.042	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	32750	20.437	ug/l	96
56) Ethyl methacrylate	10.871	69	50141	21.484	ug/l	97
57) 1,3-Dichloropropane	11.159	76	57554	20.463	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	131176	116.170	ug/l	99
59) 2-Hexanone	11.194	43	176533	117.338	ug/l	100
60) Dibromochloromethane	11.359	129	36970	20.483	ug/l	99
61) 1,2-Dibromoethane	11.471	107	32084	20.237	ug/l	98
64) Tetrachloroethene	11.100	164	27124	18.911	ug/l	96
65) Chlorobenzene	11.888	112	91123	18.629	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	31726	19.325	ug/l	98
67) Ethyl Benzene	11.959	91	156061	19.184	ug/l	98
68) m/p-Xylenes	12.071	106	119809	40.244	ug/l	100
69) o-Xylene	12.394	106	56516	19.624	ug/l	98
70) Styrene	12.406	104	92662	19.853	ug/l	99
71) Bromoform	12.576	173	23369	20.552	ug/l #	99
73) Isopropylbenzene	12.694	105	142191	19.493	ug/l	100
74) N-amyl acetate	12.494	43	66923	21.434	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	47785	20.569	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	38489m	20.319	ug/l	
77) Bromobenzene	12.976	156	34066	18.850	ug/l	99
78) n-propylbenzene	13.035	91	168593	19.828	ug/l	100
79) 2-Chlorotoluene	13.123	91	104075	19.449	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	117966	19.994	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	15606	19.730	ug/l	87
82) 4-Chlorotoluene	13.218	91	105071	19.496	ug/l	99
83) tert-Butylbenzene	13.435	119	97764	19.128	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	117310	19.968	ug/l	98
85) sec-Butylbenzene	13.612	105	138962	19.588	ug/l	100
86) p-Isopropyltoluene	13.729	119	113227	18.647	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	61805	18.865	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	62145	18.466	ug/l	99
89) n-Butylbenzene	14.053	91	97095	18.690	ug/l	99
90) Hexachloroethane	14.329	117	22343	19.213	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	59449	19.049	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9218	22.294	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	28607	18.366	ug/l	98
94) Hexachlorobutadiene	15.500	225	13450	17.379	ug/l	99
95) Naphthalene	15.641	128	92054	17.429	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	27454	17.641	ug/l	99

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

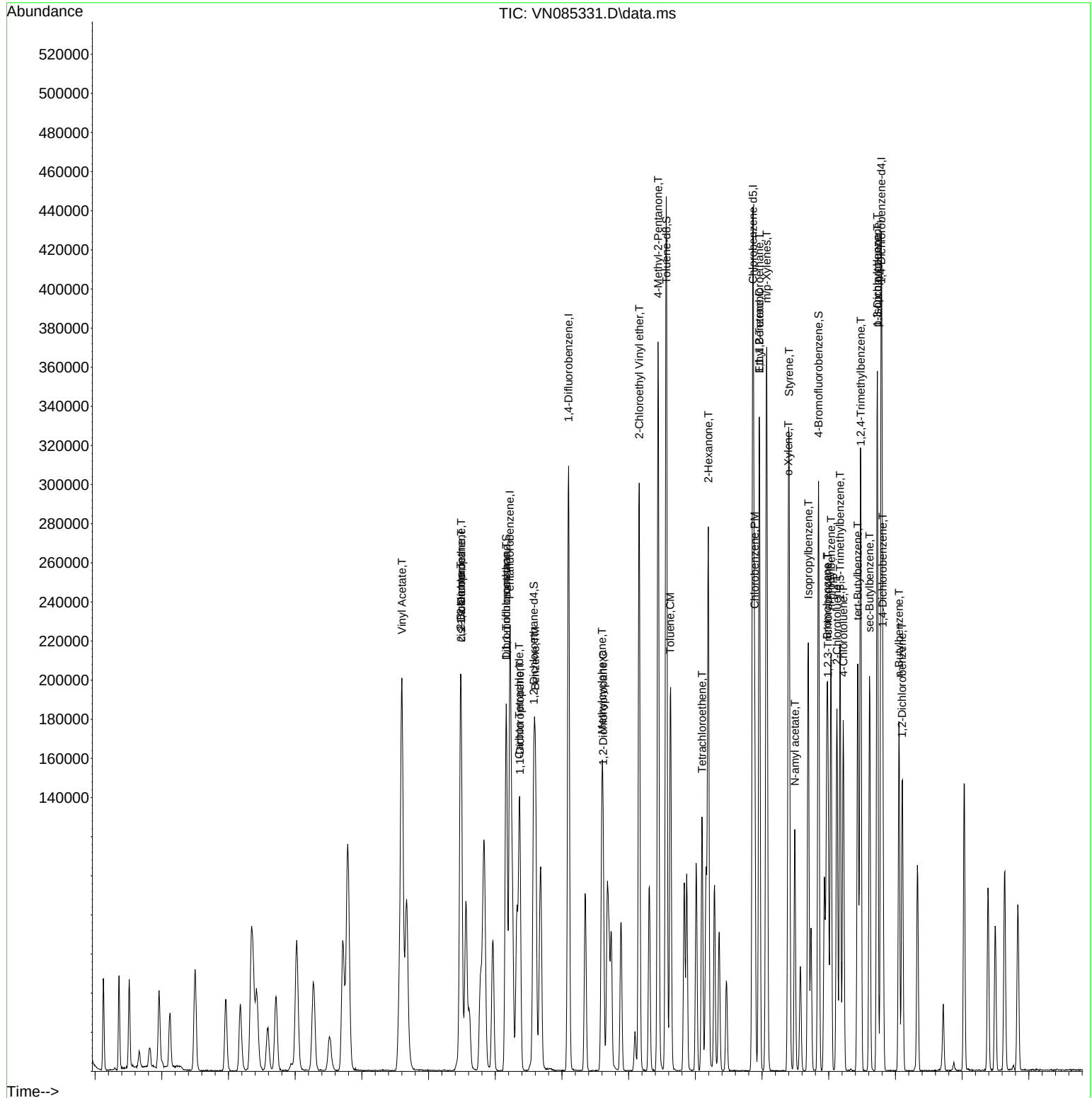
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Data File : VN085331.D
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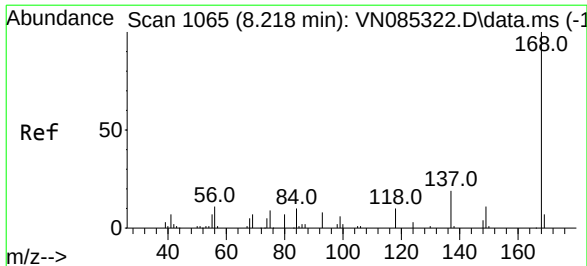
Instrument :
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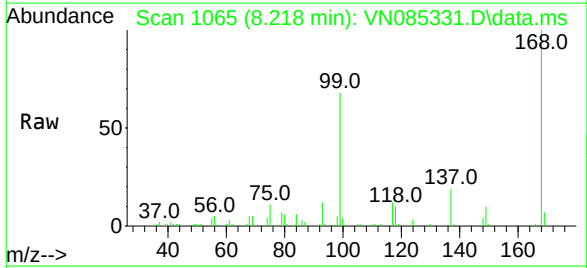
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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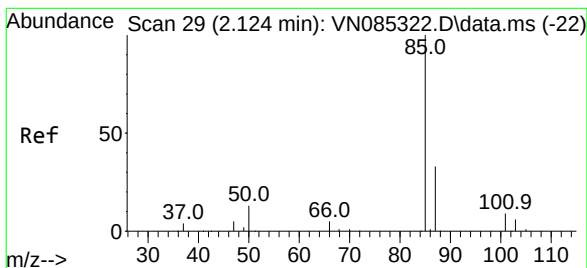
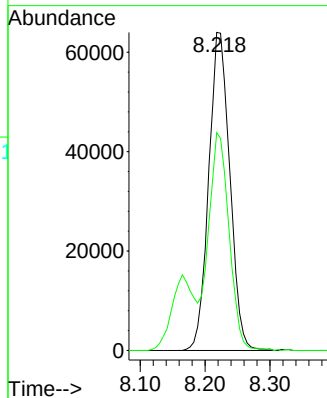
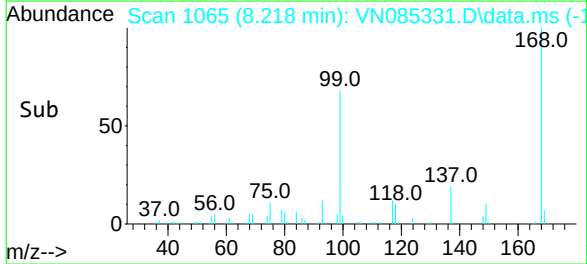
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 144320
Ion Ratio Lower Upper
168 100
99 68.2 51.0 76.4

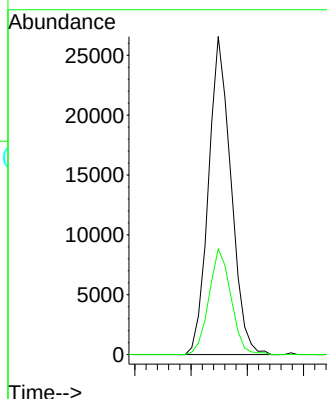
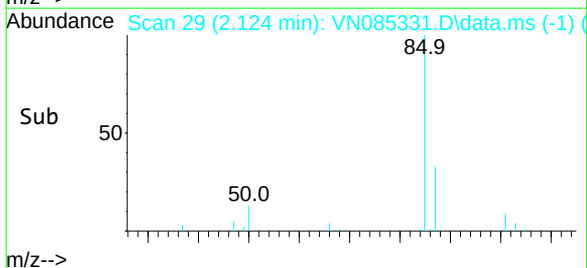
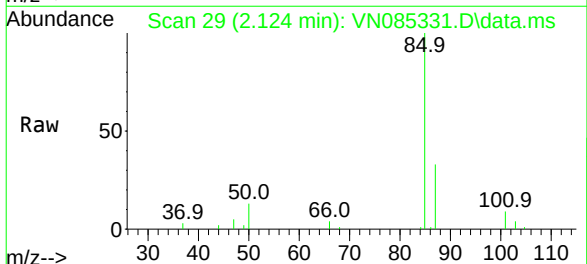
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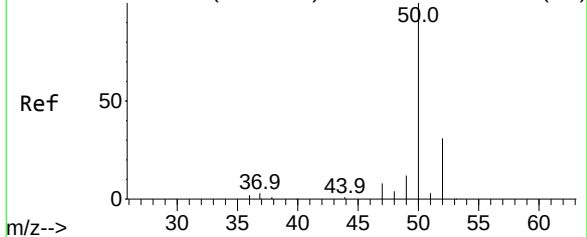


#2
Dichlorodifluoromethane
Concen: 18.926 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 85 Resp: 36940
Ion Ratio Lower Upper
85 100
87 33.3 16.8 50.3



Abundance Scan 69 (2.359 min): VN085322.D\data.ms (-62)



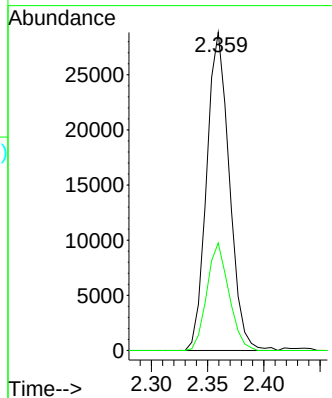
#3
Chloromethane
Concen: 18.430 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

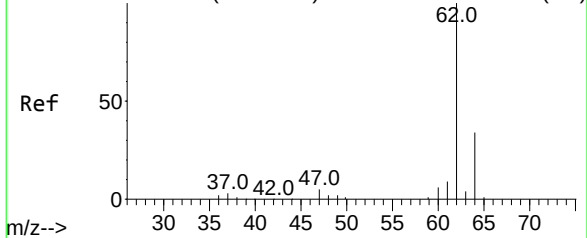
Tgt Ion: 50 Resp: 40431
Ion Ratio Lower Upper
50 100
52 33.8 25.1 37.7

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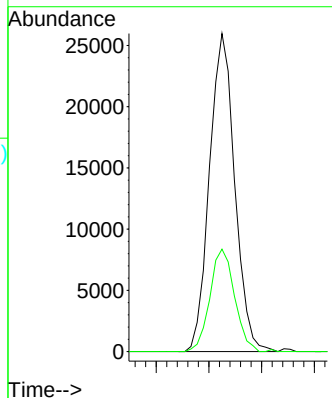


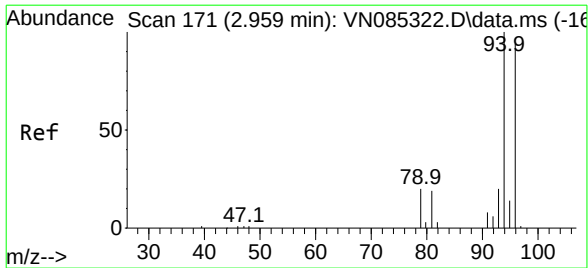
Abundance Scan 95 (2.512 min): VN085322.D\data.ms (-87)



#4
Vinyl Chloride
Concen: 18.641 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

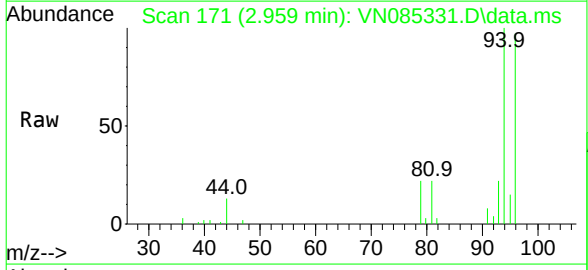
Tgt Ion: 62 Resp: 43248
Ion Ratio Lower Upper
62 100
64 32.2 27.0 40.6





#5
Bromomethane
Concen: 18.447 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

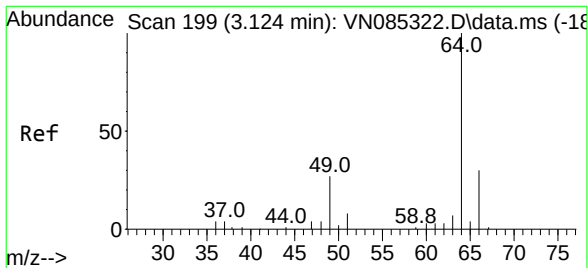
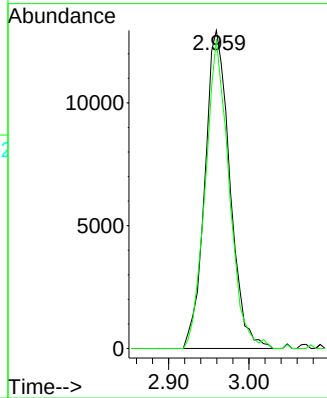
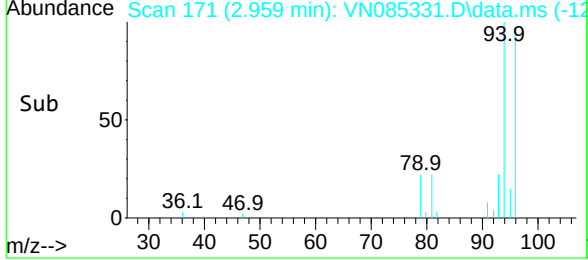
Instrument :
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Tgt Ion: 94 Resp: 27990
Ion Ratio Lower Upper
94 100
96 97.2 75.2 112.8

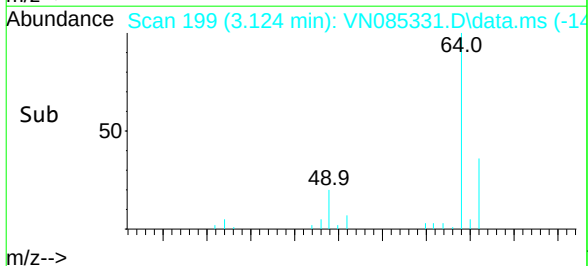
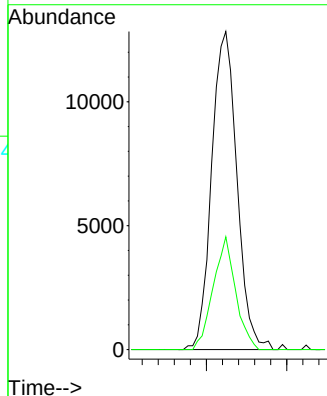
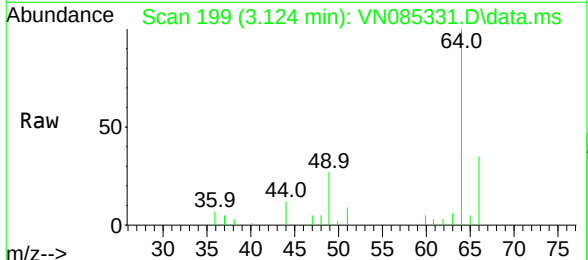
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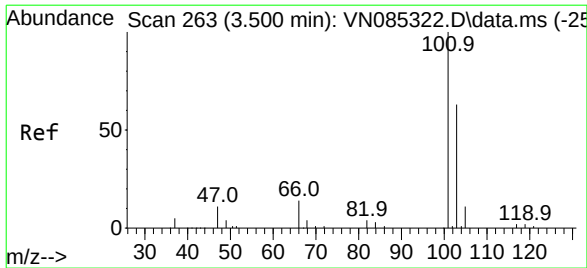
Reviewed By :John Carlone 12/30/2024
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#6
Chloroethane
Concen: 19.056 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085331.D
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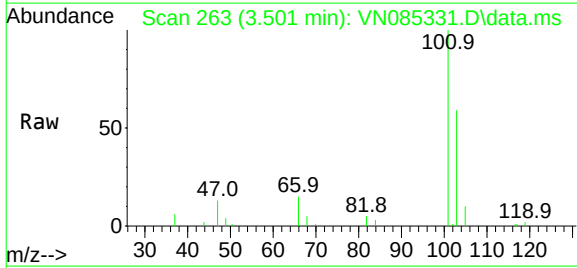
Tgt Ion: 64 Resp: 28037
Ion Ratio Lower Upper
64 100
66 35.4 24.1 36.1





#7
 Trichlorofluoromethane
 Concen: 18.580 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN085331.D
 Acq: 27 Dec 2024 17:30

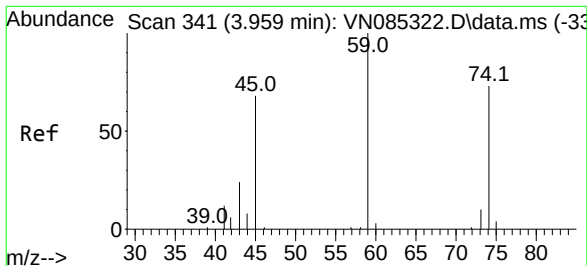
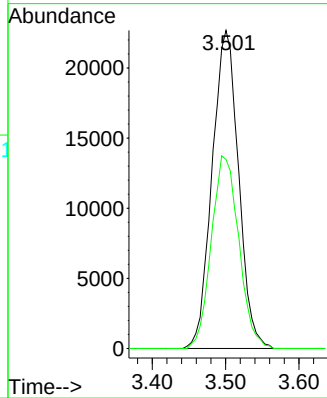
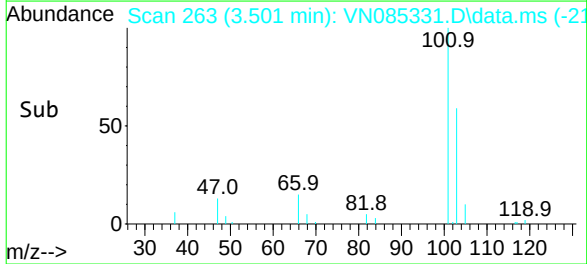
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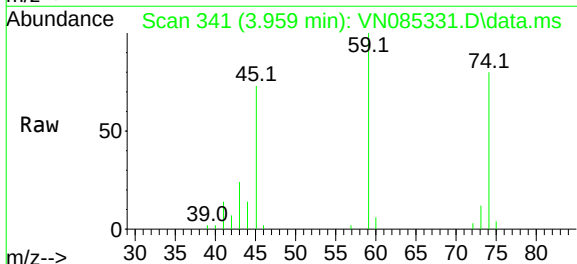
Tgt Ion: 101 Resp: 56663
 Ion Ratio Lower Upper
 101 100
 103 59.4 50.3 75.5

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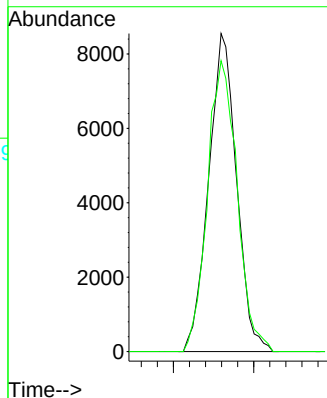
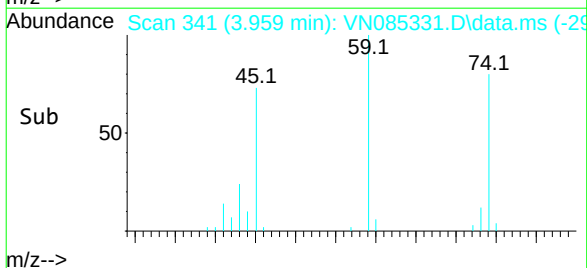
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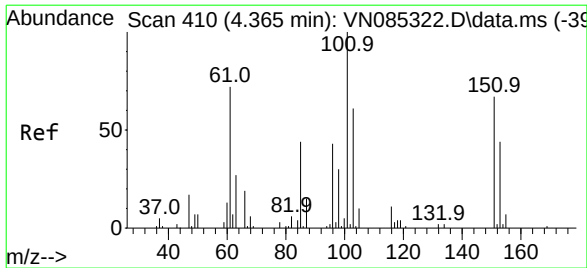


#8
 Diethyl Ether
 Concen: 20.396 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085331.D
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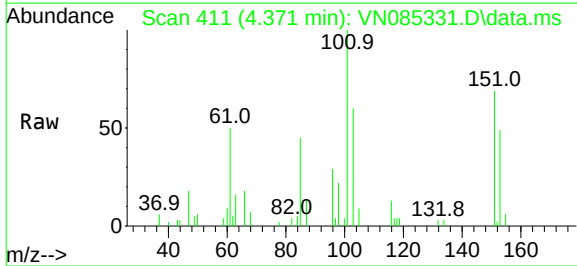
Tgt Ion: 74 Resp: 20596
 Ion Ratio Lower Upper
 74 100
 45 97.5 47.5 142.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.381 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085331.D
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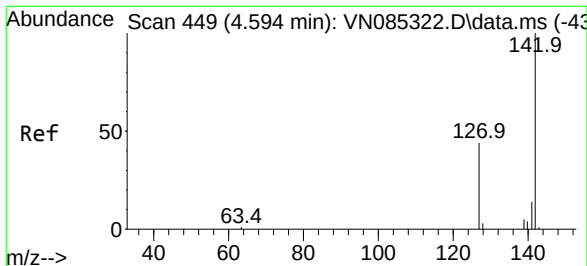
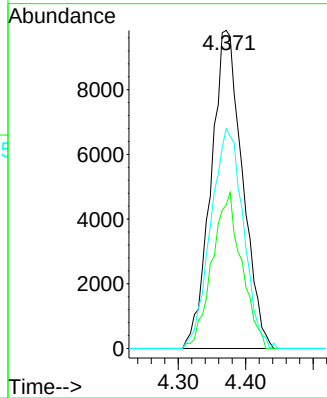
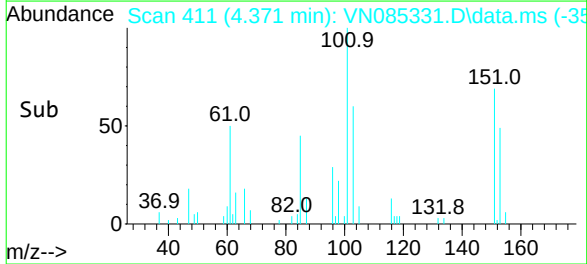
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



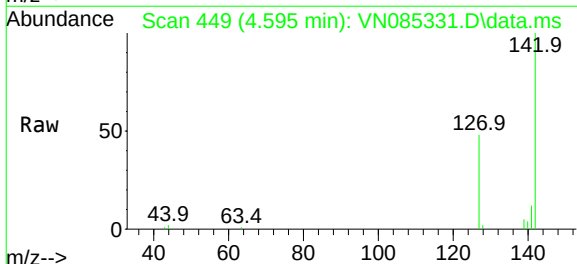
Tgt Ion:101 Resp: 31898
Ion Ratio Lower Upper
101 100
85 46.0 36.2 54.4
151 71.3 55.8 83.6

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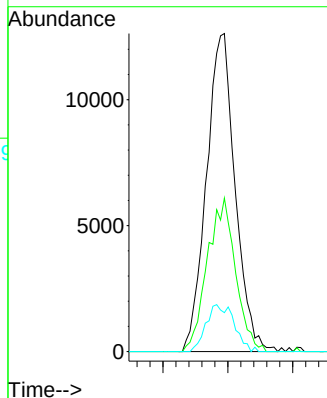
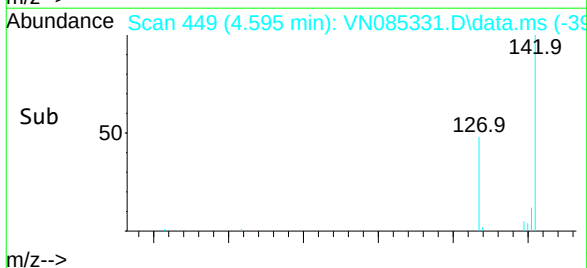
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

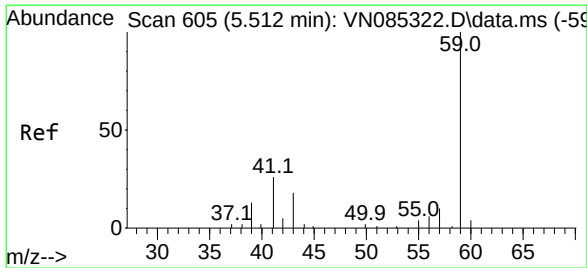


#10
Methyl Iodide
Concen: 19.339 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30



Tgt Ion:142 Resp: 38836
Ion Ratio Lower Upper
142 100
127 48.3 35.3 52.9
141 12.2 11.5 17.3





#11

Tert butyl alcohol

Concen: 122.694 ug/l

RT: 5.518 min Scan# 605

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

Tgt Ion: 59 Resp: 31625

Ion Ratio Lower Upper

59 100

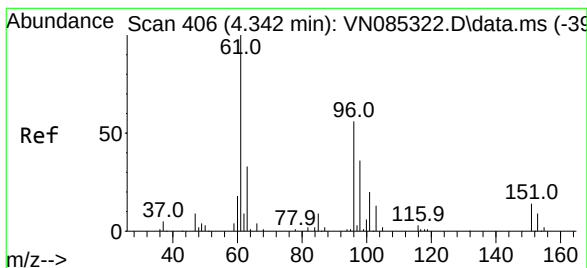
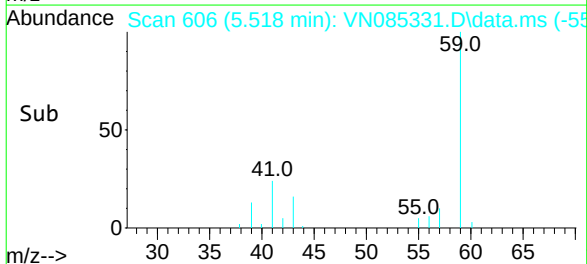
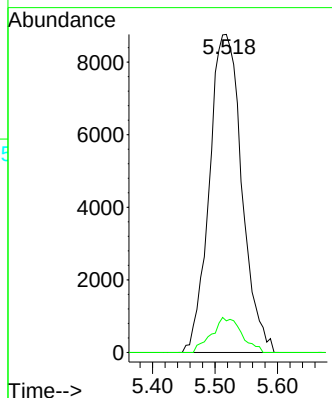
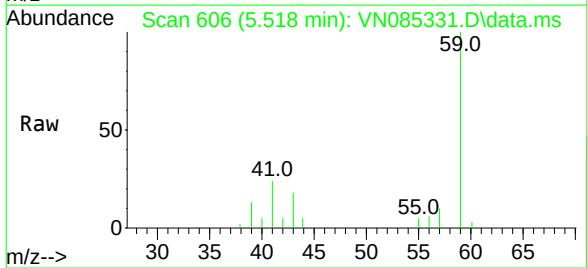
57 10.2 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#12

1,1-Dichloroethene

Concen: 18.559 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

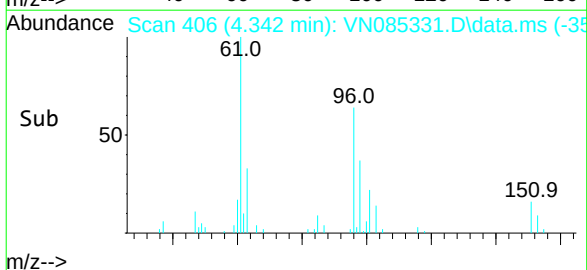
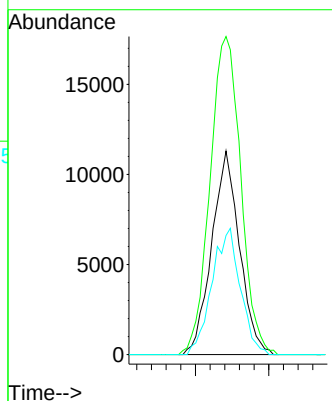
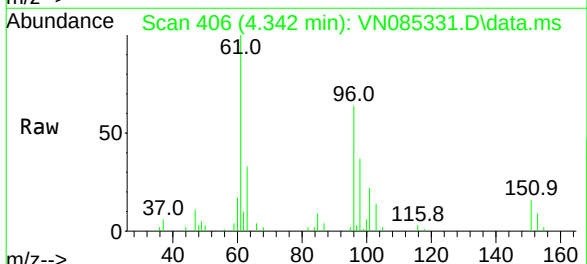
Tgt Ion: 96 Resp: 29765

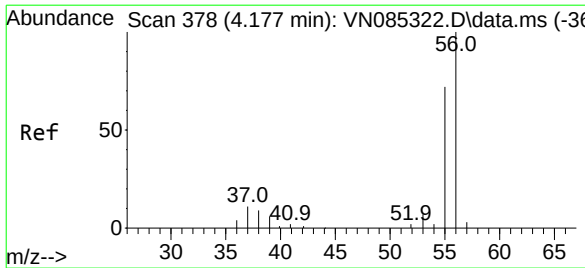
Ion Ratio Lower Upper

96 100

61 156.3 142.4 213.6

98 58.5 51.5 77.3





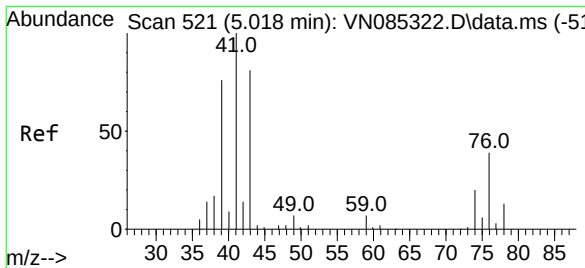
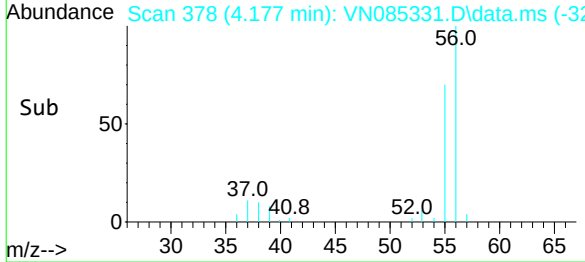
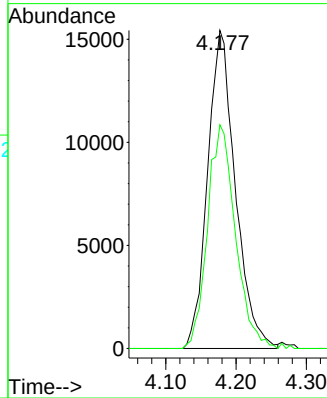
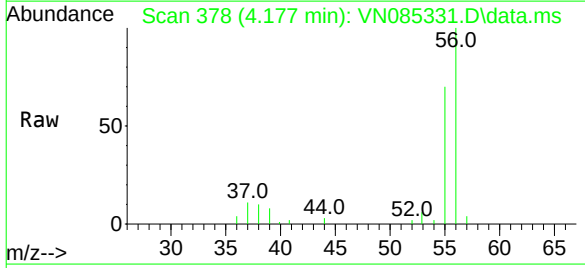
#13
Acrolein
Concen: 105.226 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 56 Resp: 42286
Ion Ratio Lower Upper
56 100
55 70.7 57.5 86.3

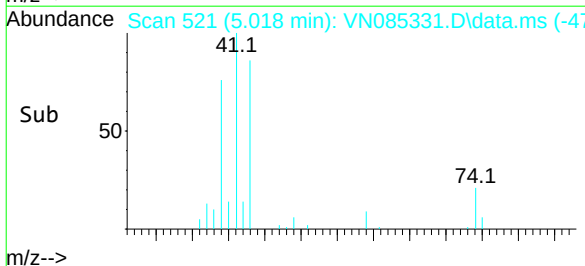
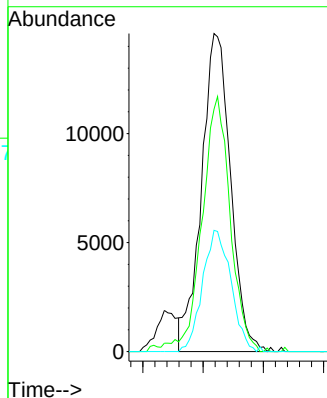
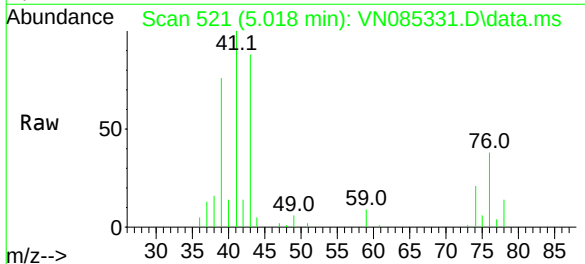
Manual Integrations
APPROVED

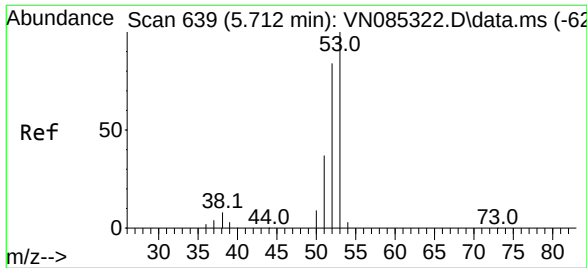
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#14
Allyl chloride
Concen: 19.067 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 41 Resp: 48941
Ion Ratio Lower Upper
41 100
39 77.4 64.4 96.6
76 37.0 31.5 47.3





#15

Acrylonitrile

Concen: 106.764 ug/l

RT: 5.712 min Scan# 63

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

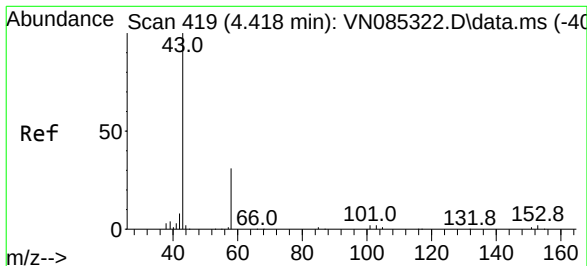
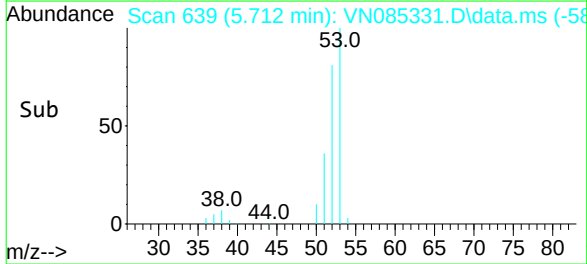
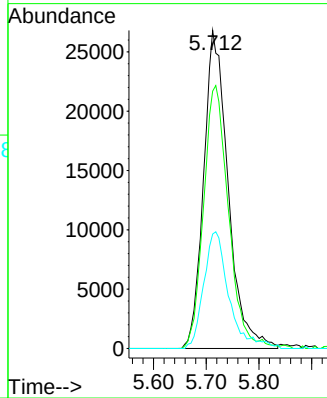
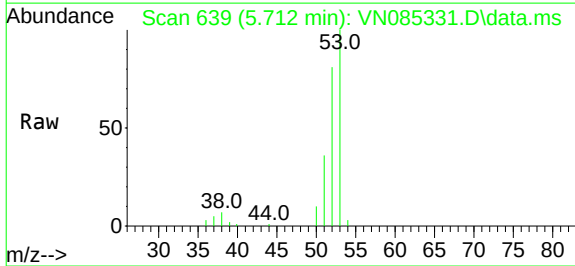
Tgt Ion:	53	Resp:	86613
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.6	100.0
51	37.6	29.6	44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#16

Acetone

Concen: 109.867 ug/l

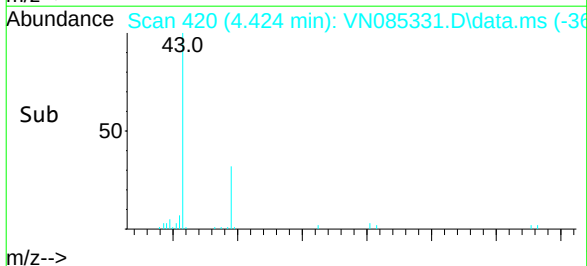
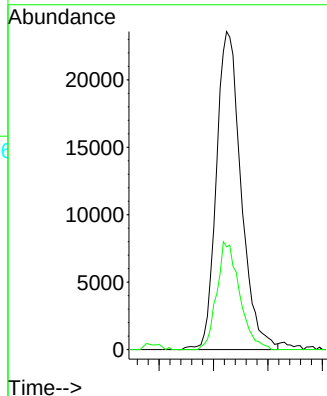
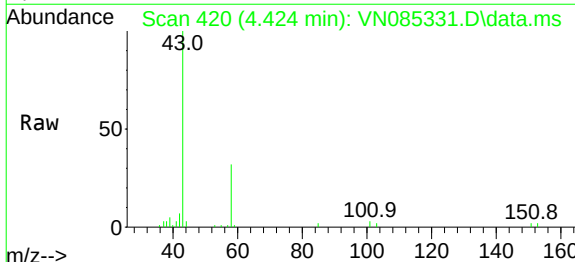
RT: 4.424 min Scan# 420

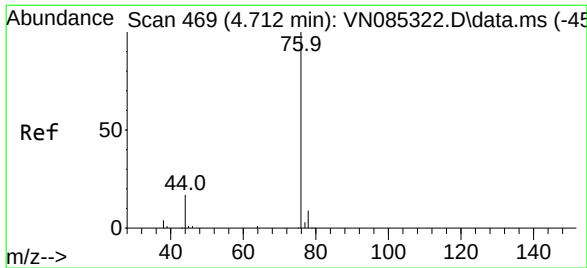
Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

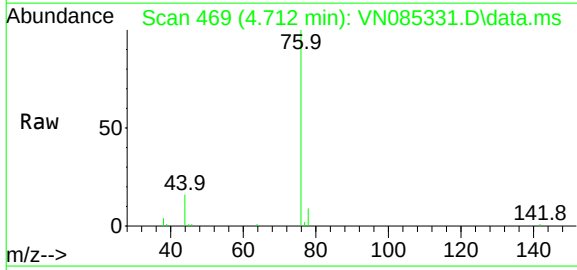
Tgt Ion:	43	Resp:	74365
Ion	Ratio	Lower	Upper
43	100		
58	32.3	24.5	36.7





#17
Carbon Disulfide
Concen: 17.574 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

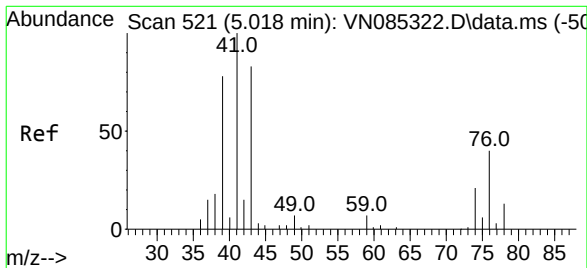
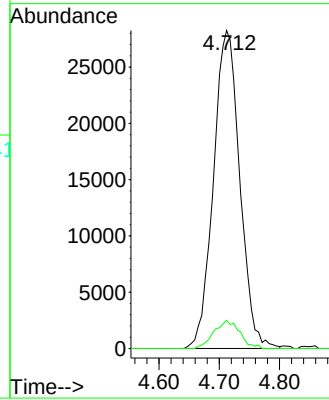
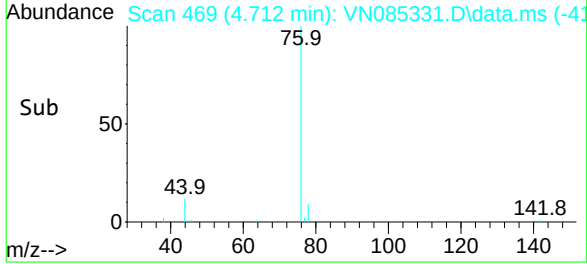
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



Tgt Ion: 76 Resp: 85742
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

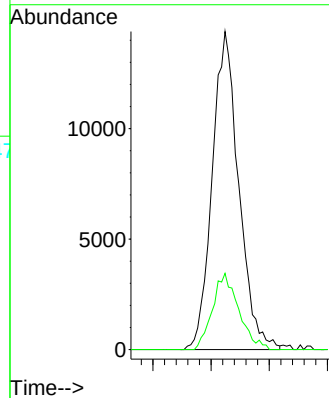
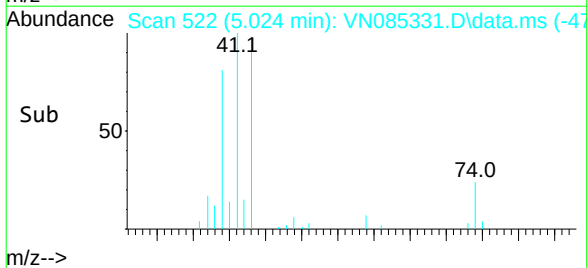
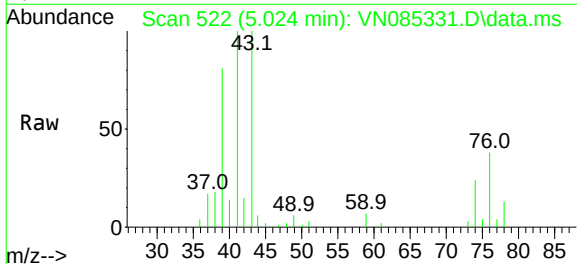
Manual Integrations
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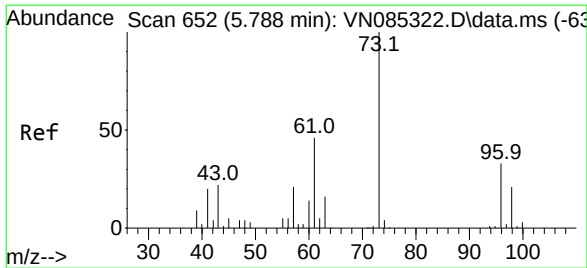
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#18
Methyl Acetate
Concen: 22.030 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 43 Resp: 45651
Ion Ratio Lower Upper
43 100
74 23.6 19.0 28.6





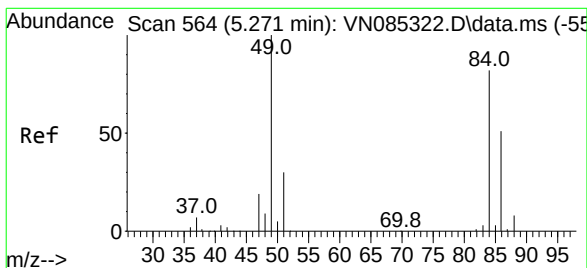
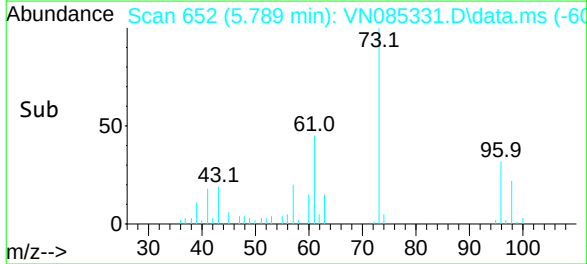
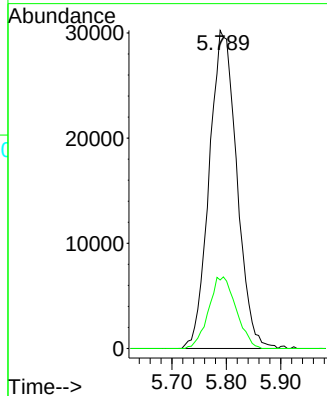
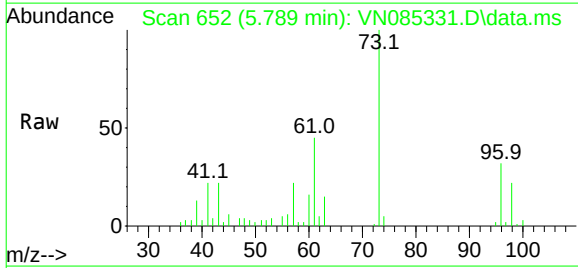
#19
Methyl tert-butyl Ether
Concen: 20.394 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 73 Resp: 106310
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.6

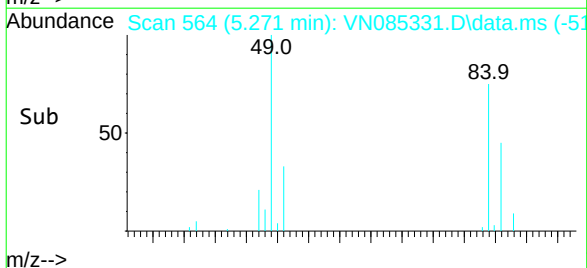
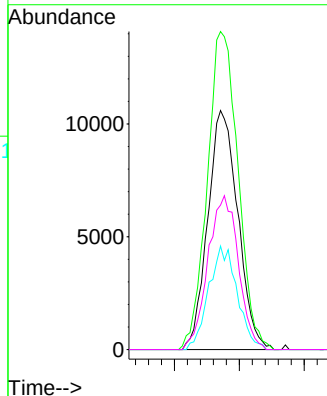
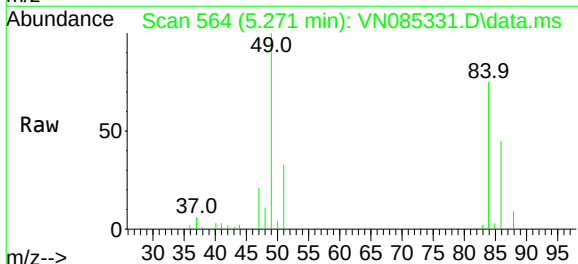
Manual Integrations
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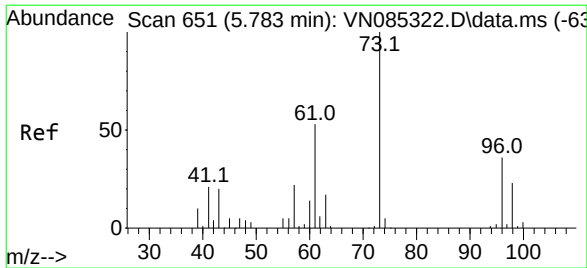
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#20
Methylene Chloride
Concen: 18.759 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

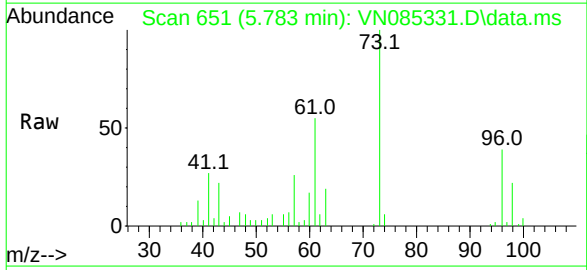
Tgt Ion: 84 Resp: 34153
Ion Ratio Lower Upper
84 100
49 133.0 97.6 146.4
51 43.3 29.1 43.7
86 60.5 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 18.589 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

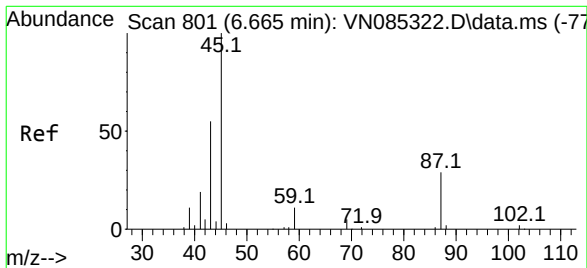
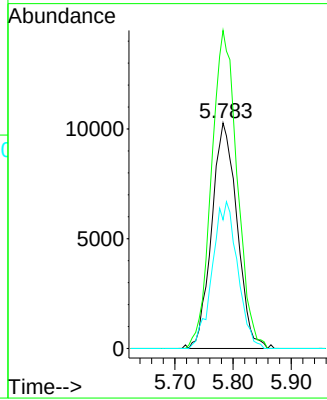
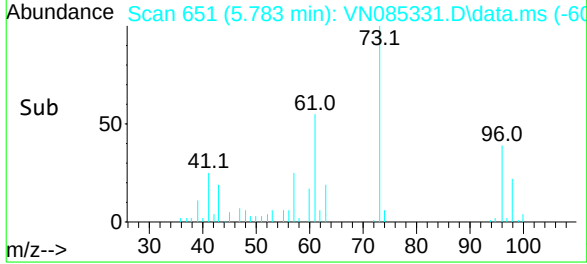
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



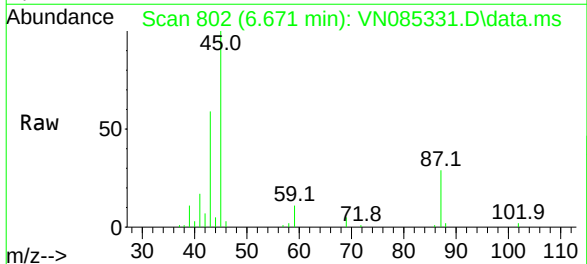
Tgt Ion: 96 Resp: 31142
Ion Ratio Lower Upper
96 100
61 141.0 118.0 177.0
98 57.1 50.6 75.8

Manual Integrations
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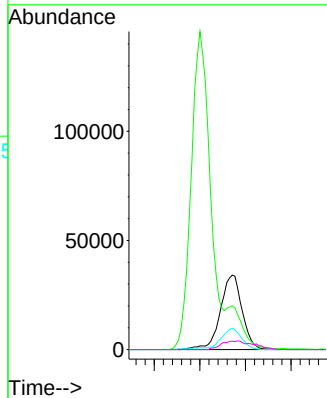
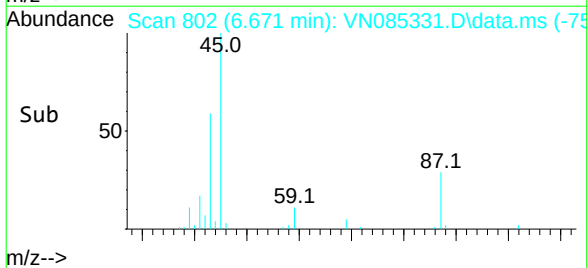
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

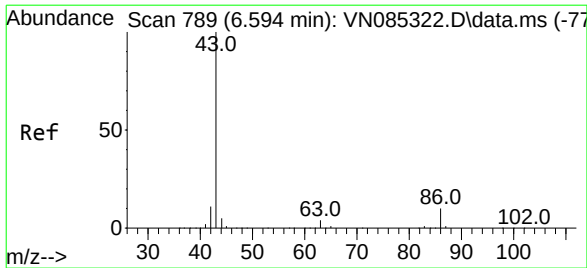


#22
Diisopropyl ether
Concen: 20.407 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30



Tgt Ion: 45 Resp: 112873
Ion Ratio Lower Upper
45 100
43 57.9 44.1 66.1
87 28.6 23.2 34.8
59 10.8 9.0 13.6





#23

Vinyl Acetate

Concen: 105.120 ug/l

RT: 6.600 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

Tgt Ion: 43 Resp: 420622

Ion Ratio Lower Upper

43 100

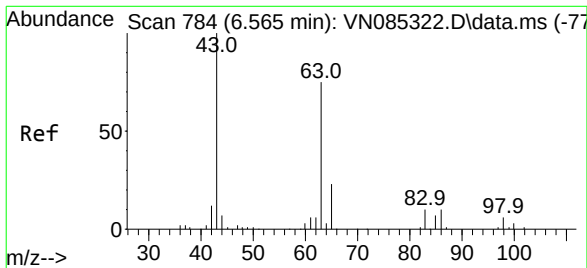
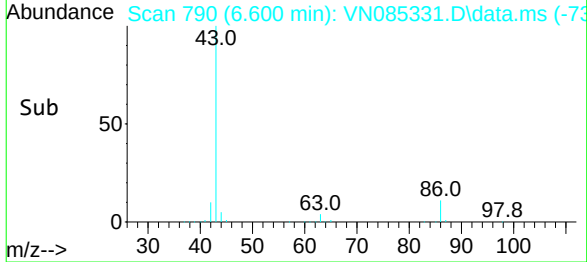
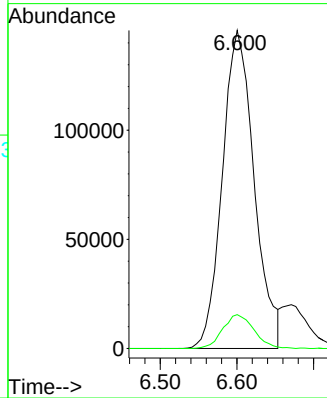
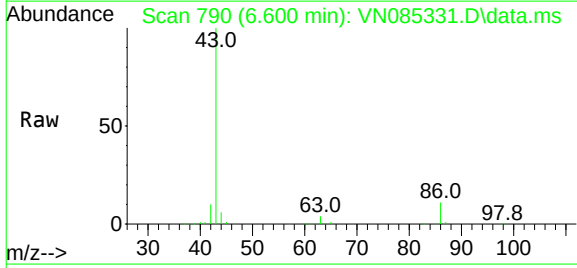
86 10.6 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#24

1,1-Dichloroethane

Concen: 18.922 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

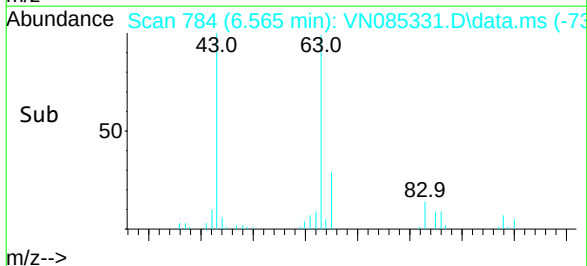
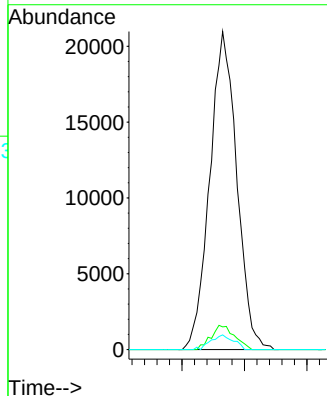
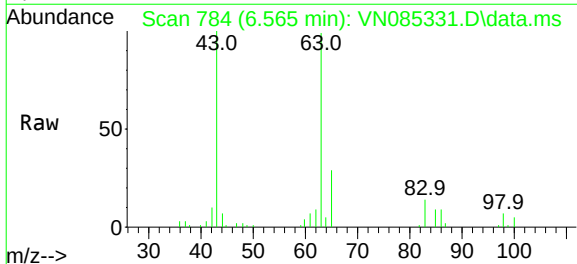
Tgt Ion: 63 Resp: 63046

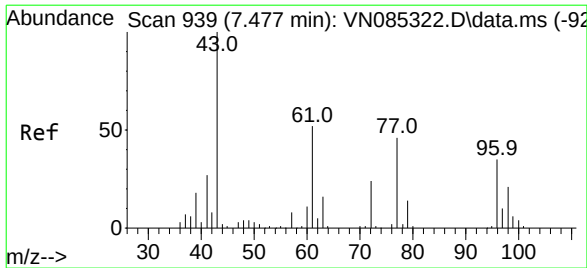
Ion Ratio Lower Upper

63 100

98 7.1 3.7 11.1

100 4.6 2.3 6.8





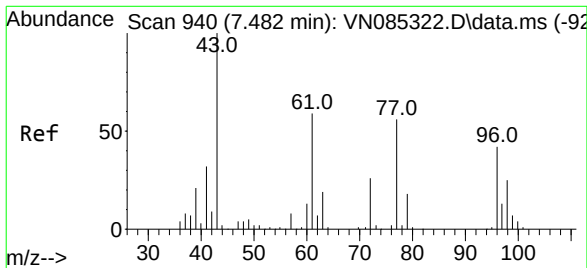
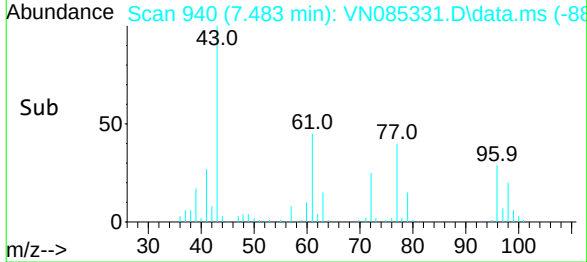
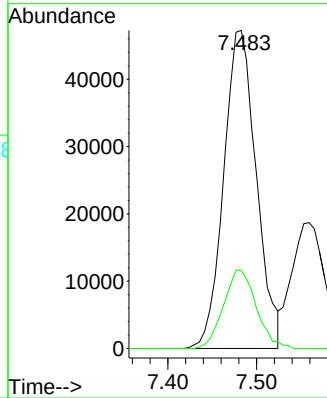
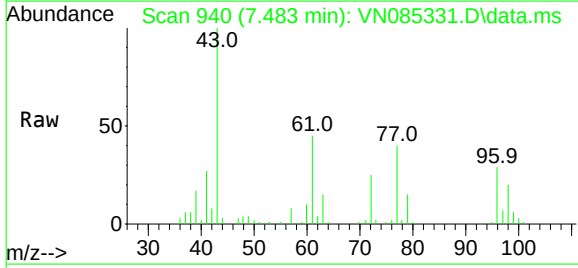
#25
2-Butanone
Concen: 114.877 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 43 Resp: 120630
Ion Ratio Lower Upper
43 100
72 24.6 19.6 29.4

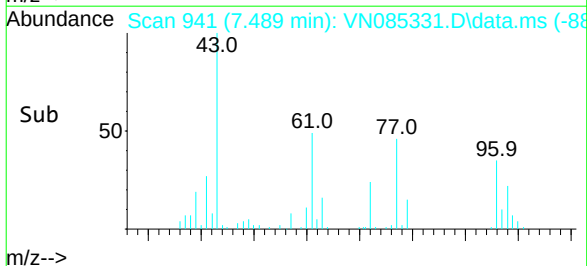
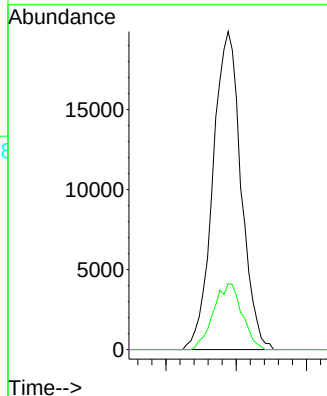
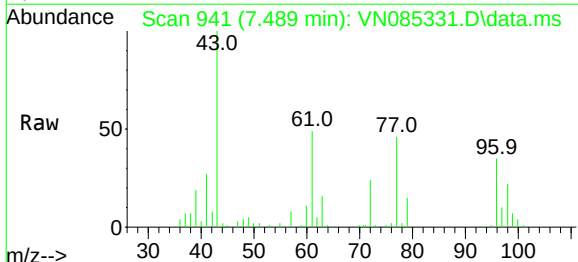
Manual Integrations
APPROVED

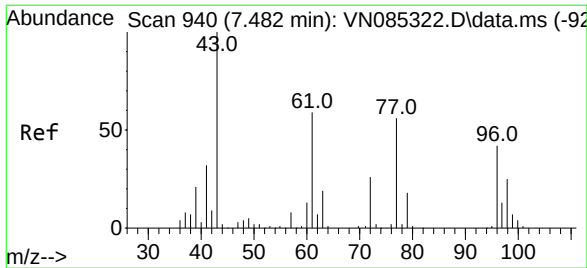
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#26
2,2-Dichloropropane
Concen: 18.943 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 77 Resp: 55298
Ion Ratio Lower Upper
77 100
97 21.1 10.6 31.8





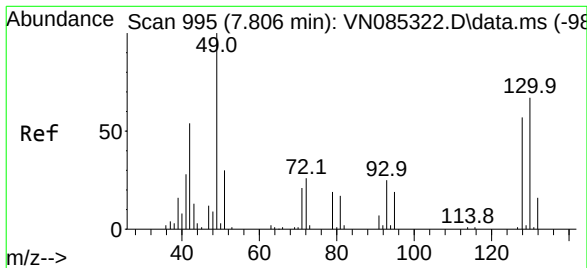
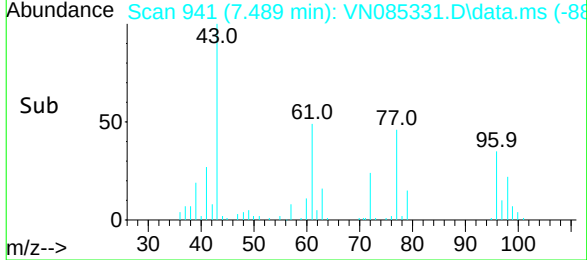
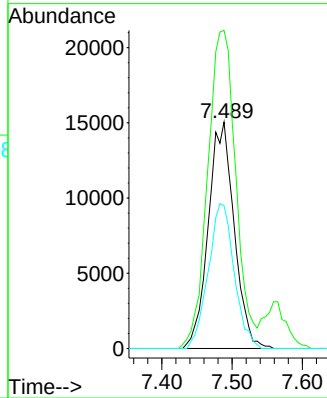
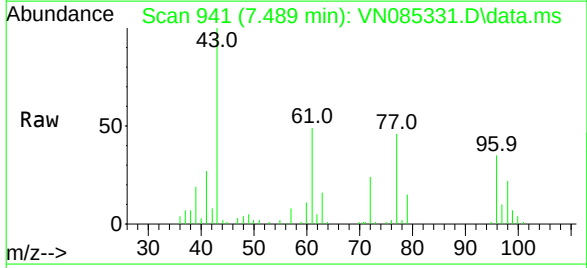
#27
 cis-1,2-Dichloroethene
 Concen: 19.575 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085331.D
 Acq: 27 Dec 2024 17:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBSD01

Tgt Ion: 96 Resp: 38491
 Ion Ratio Lower Upper
 96 100
 61 152.7 0.0 296.4
 98 64.0 0.0 124.2

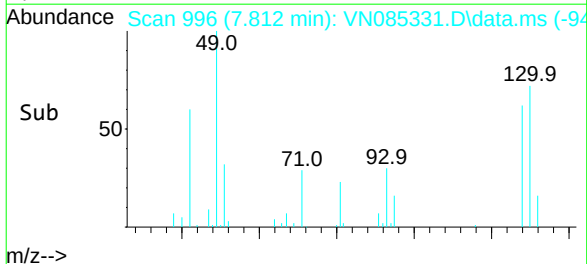
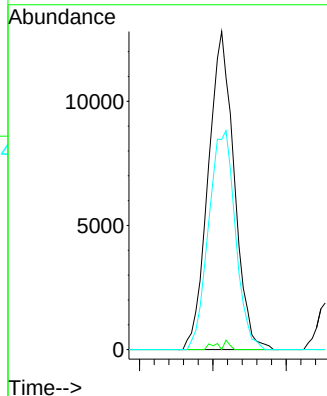
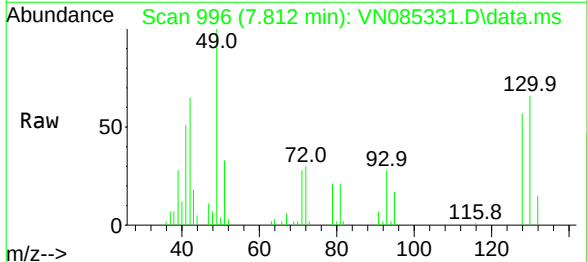
Manual Integrations
 APPROVED

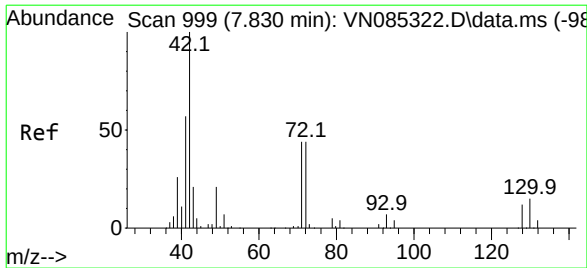
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#28
 Bromochloromethane
 Concen: 20.342 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085331.D
 Acq: 27 Dec 2024 17:30

Tgt Ion: 49 Resp: 31497
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 2.0
 130 71.0 0.0 0.0#





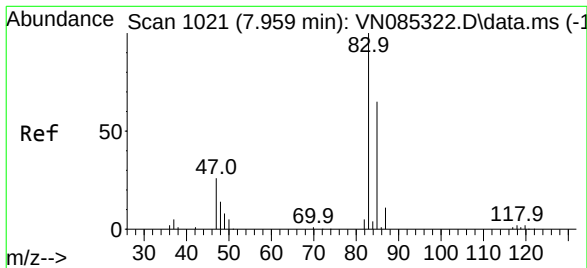
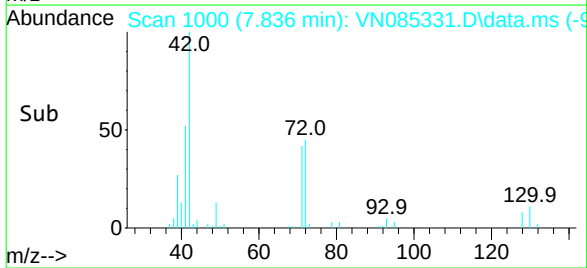
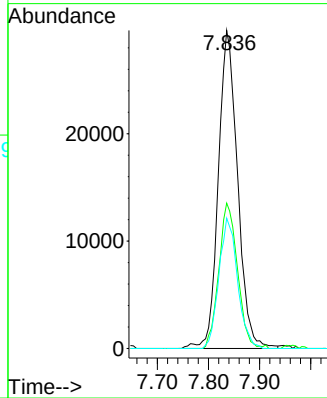
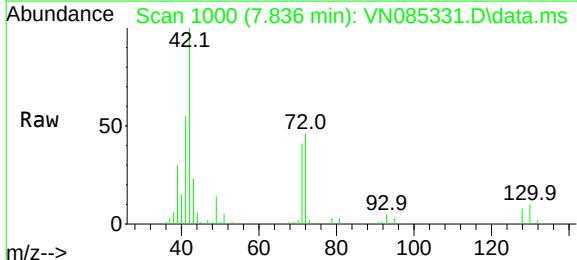
#29
Tetrahydrofuran
Concen: 114.648 ug/l
RT: 7.836 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 42 Resp: 77549
Ion Ratio Lower Upper
42 100
72 44.3 35.1 52.7
71 39.6 33.4 50.0

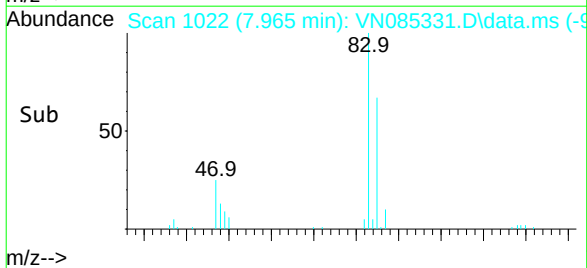
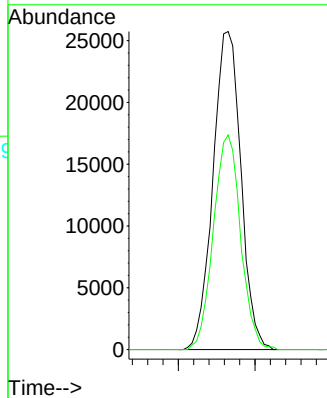
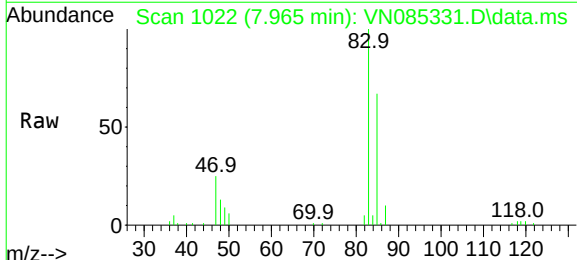
Manual Integrations
APPROVED

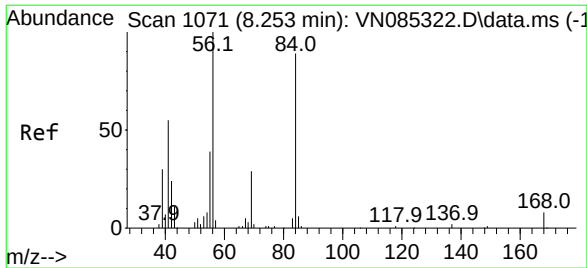
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#30
Chloroform
Concen: 19.116 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

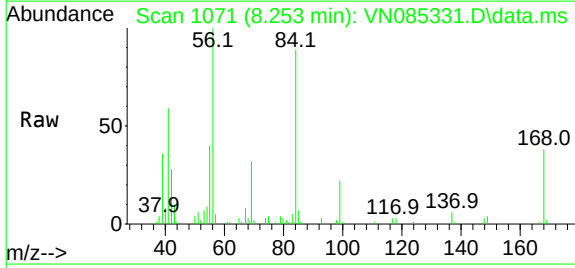
Tgt Ion: 83 Resp: 65160
Ion Ratio Lower Upper
83 100
85 67.5 52.0 78.0





#31
Cyclohexane
Concen: 17.744 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

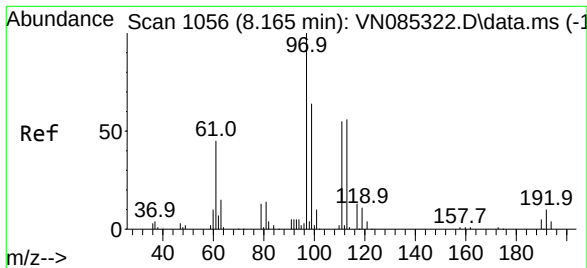
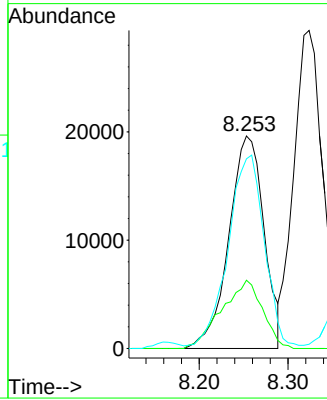
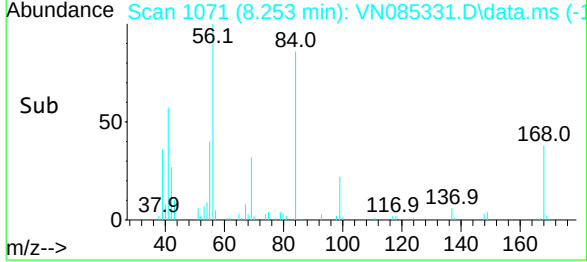
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



Tgt Ion: 56 Resp: 53985
Ion Ratio Lower Upper
56 100
69 31.4 23.4 35.0
84 87.4 71.0 106.6

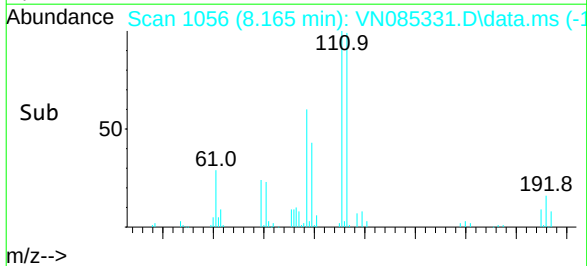
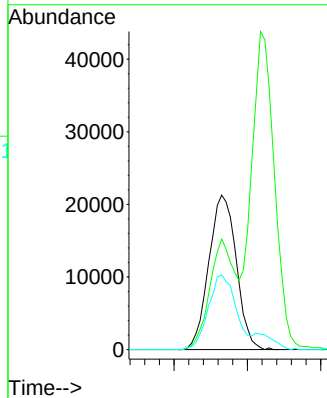
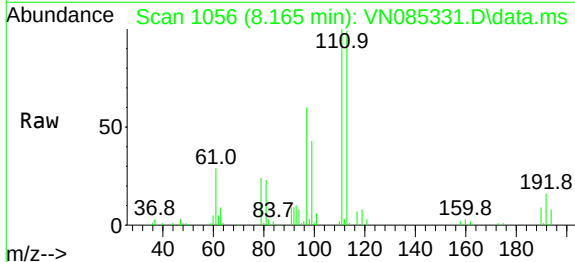
Manual Integrations
APPROVED

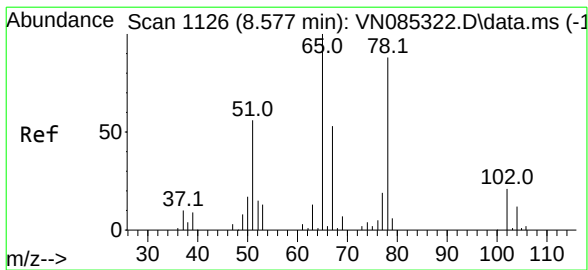
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#32
1,1,1-Trichloroethane
Concen: 18.160 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

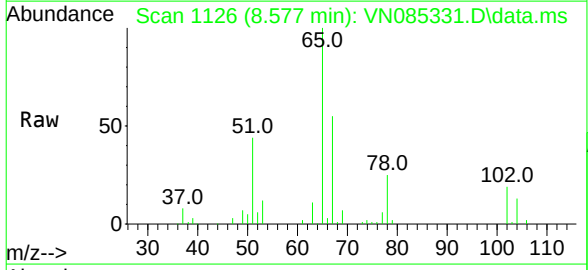
Tgt Ion: 97 Resp: 55283
Ion Ratio Lower Upper
97 100
99 65.8 53.3 79.9
61 49.3 39.6 59.4





#33
1,2-Dichloroethane-d4
Concen: 54.248 ug/l
RT: 8.577 min Scan# 1116
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

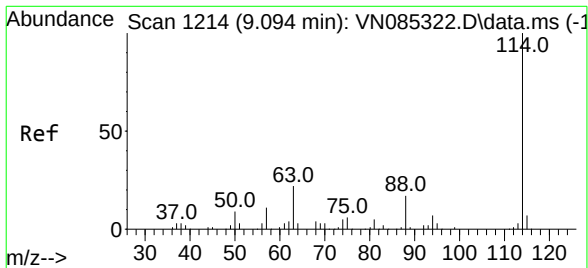
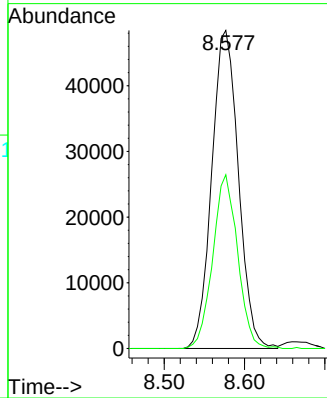
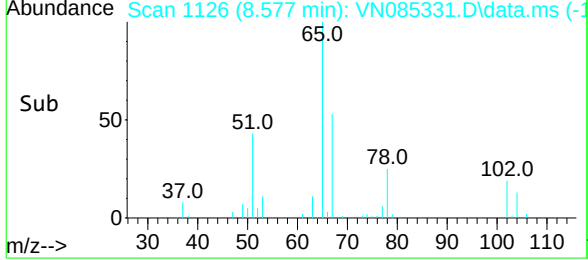
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



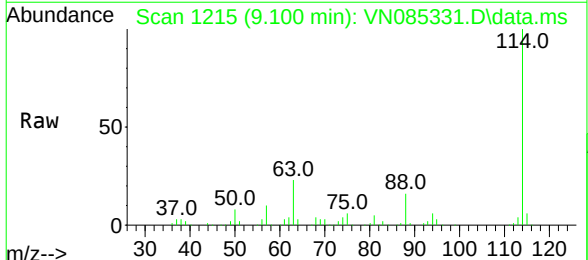
Tgt Ion: 65 Resp: 111665
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.0

Manual Integrations
APPROVED

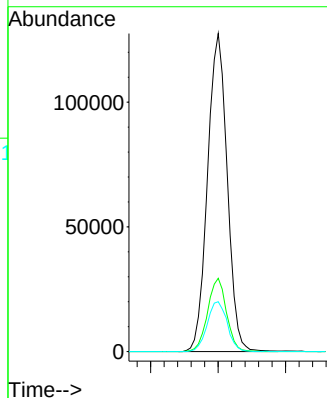
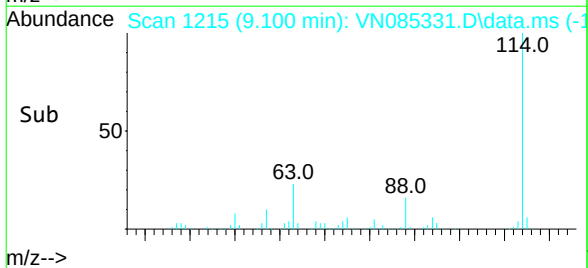
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

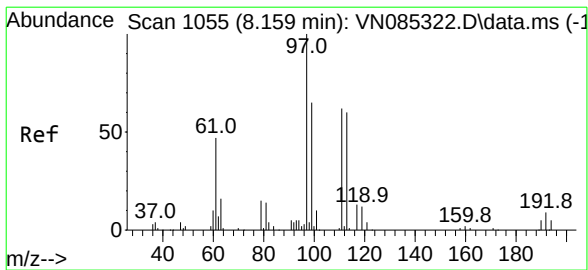


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30



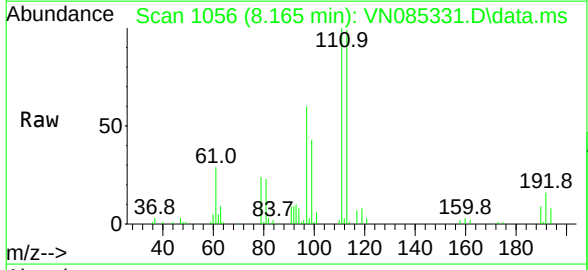
Tgt Ion:114 Resp: 258119
Ion Ratio Lower Upper
114 100
63 23.1 0.0 43.4
88 15.7 0.0 33.6





#35
 Dibromofluoromethane
 Concen: 50.827 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085331.D
 Acq: 27 Dec 2024 17:30

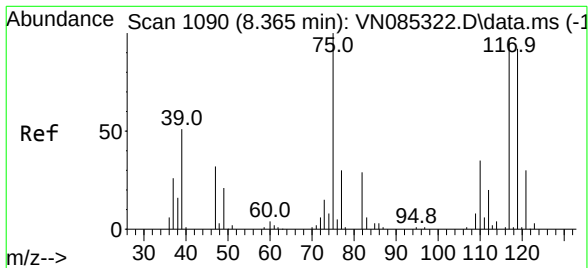
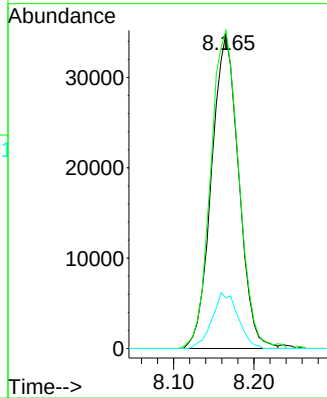
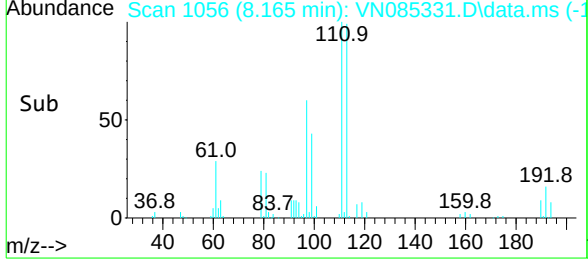
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBSD01



Tgt Ion:	113	Resp:	81846
Ion	Ratio	Lower	Upper
113	100		
111	105.0	80.5	120.7
192	17.0	12.9	19.3

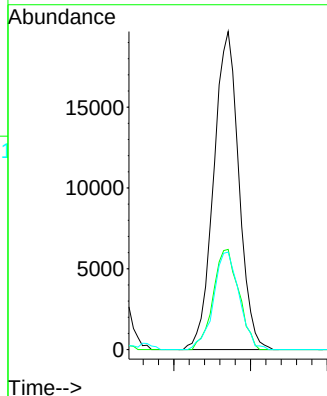
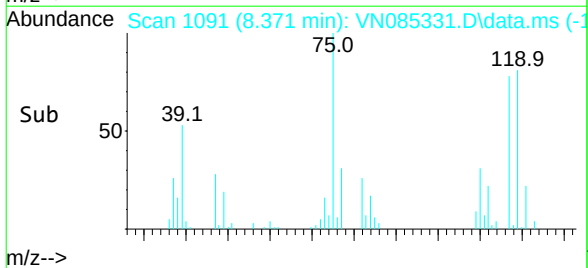
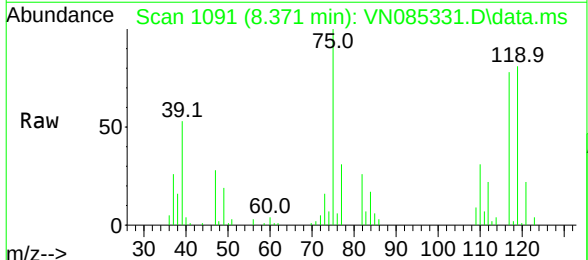
Manual Integrations
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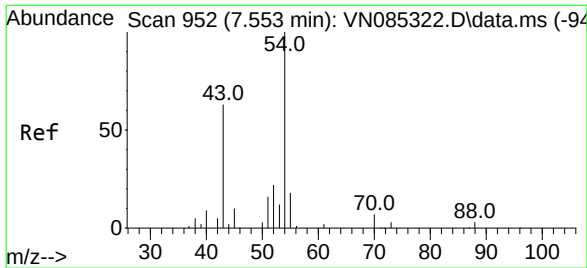
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#36
 1,1-Dichloropropene
 Concen: 19.050 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085331.D
 Acq: 27 Dec 2024 17:30

Tgt Ion:	75	Resp:	44914
Ion	Ratio	Lower	Upper
75	100		
110	32.1	16.6	49.8
77	31.2	24.3	36.5





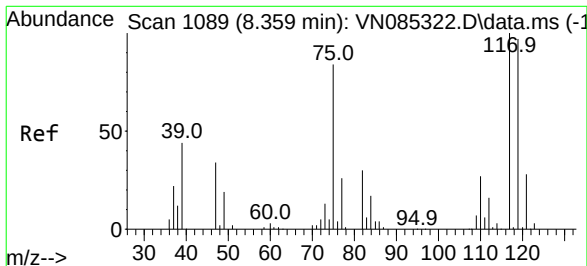
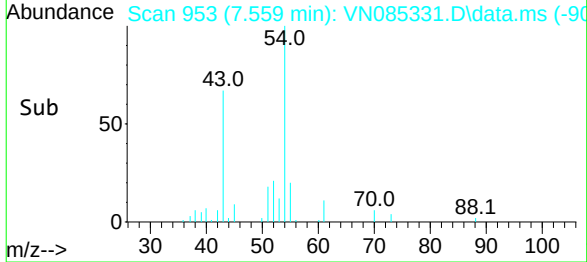
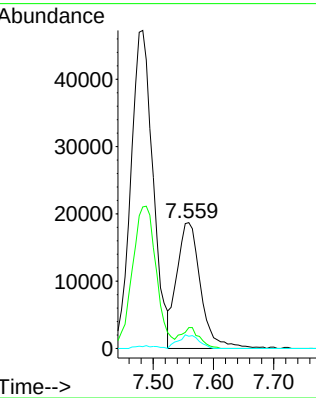
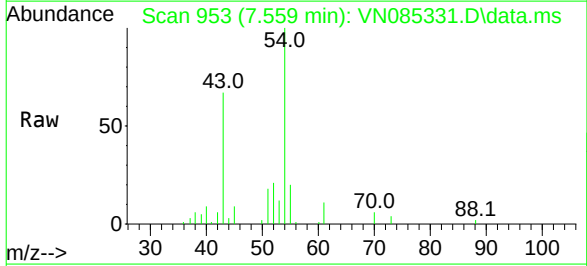
#37
Ethyl Acetate
Concen: 21.977 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 43	Resp: 51502
Ion Ratio	Lower Upper
43 100	
61 13.0	10.4 15.6
70 9.4	8.2 12.2

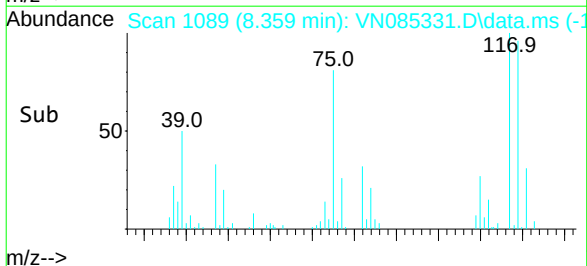
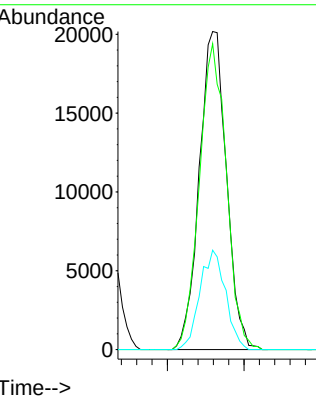
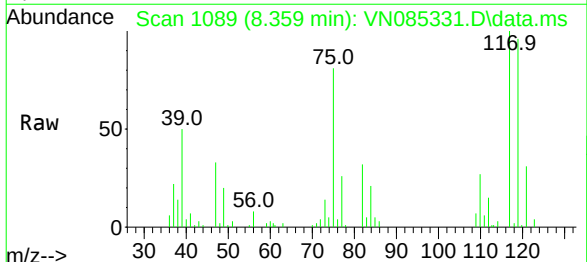
Manual Integrations
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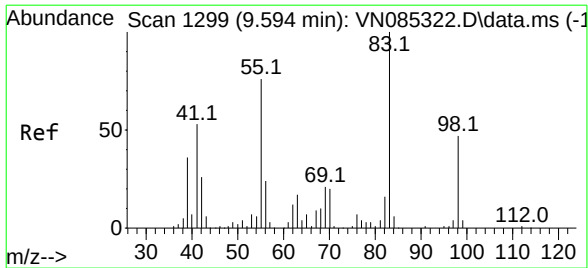
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#38
Carbon Tetrachloride
Concen: 19.305 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

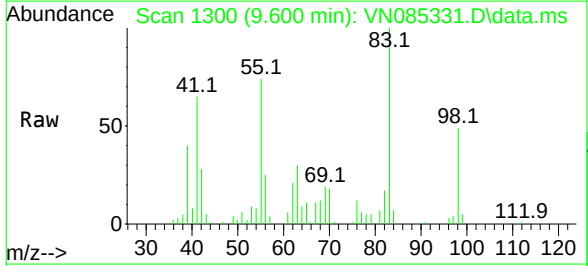
Tgt Ion: 117	Resp: 49612
Ion Ratio	Lower Upper
117 100	
119 96.2	77.8 116.6
121 31.3	22.5 33.7





#39
Methylcyclohexane
Concen: 18.807 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

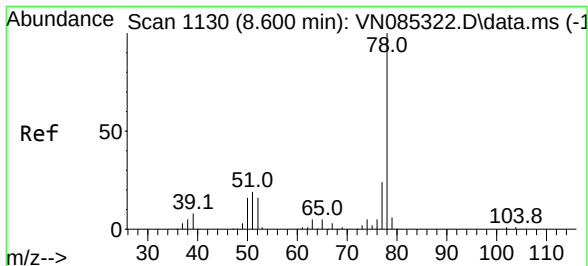
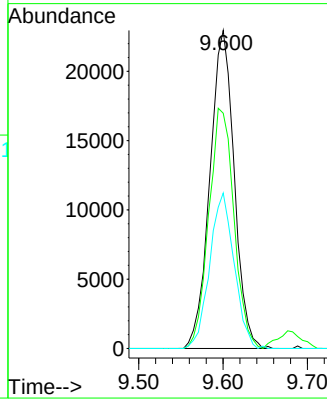
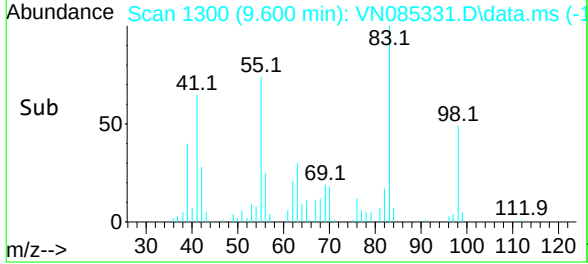
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



Tgt Ion: 83 Resp: 46006
Ion Ratio Lower Upper
83 100
55 74.0 60.7 91.1
98 48.9 37.7 56.5

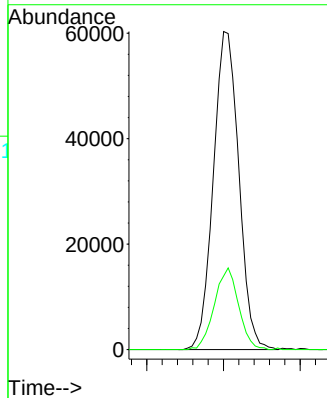
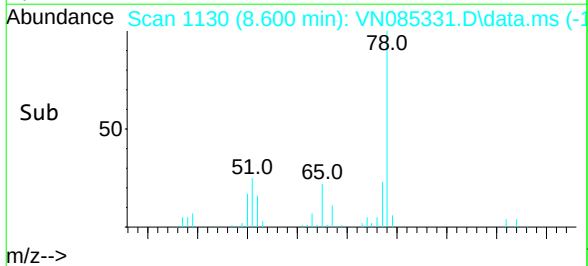
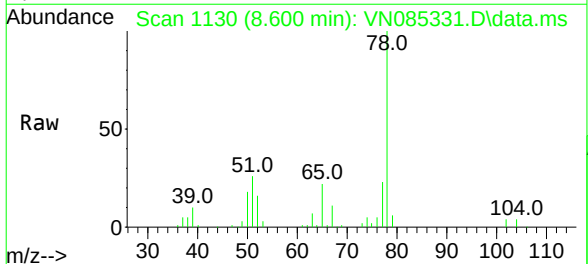
Manual Integrations
APPROVED

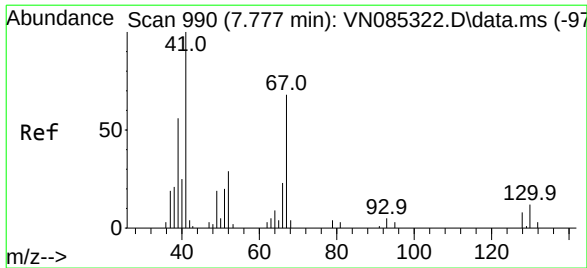
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#40
Benzene
Concen: 19.501 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 78 Resp: 139012
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4





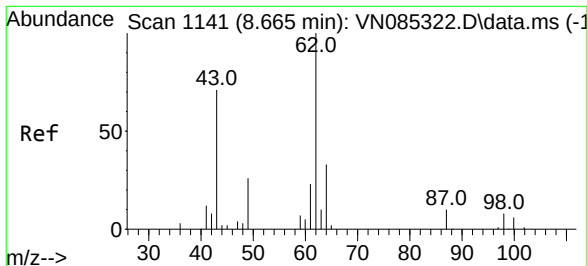
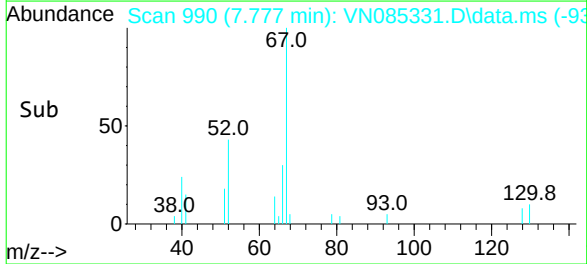
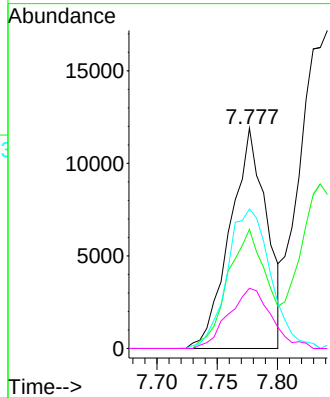
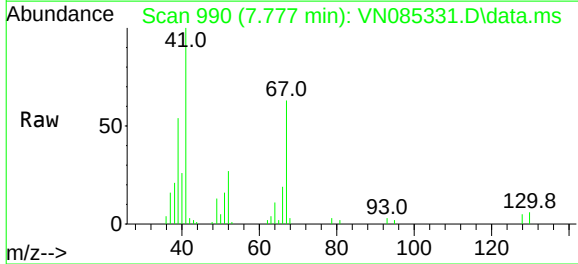
#41
Methacrylonitrile
Concen: 20.971 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion:	41	Resp:	25169
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.8	68.8
67	75.1	57.1	85.7
52	31.9	25.1	37.7

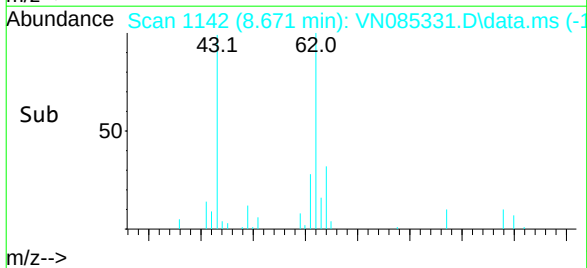
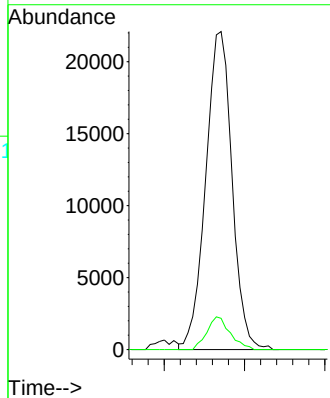
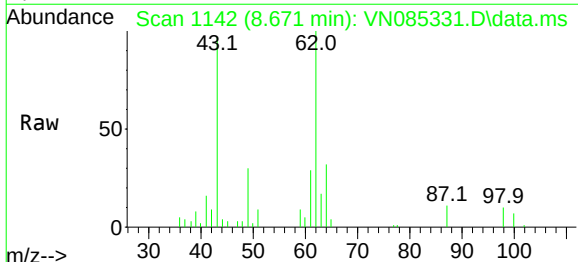
Manual Integrations
APPROVED

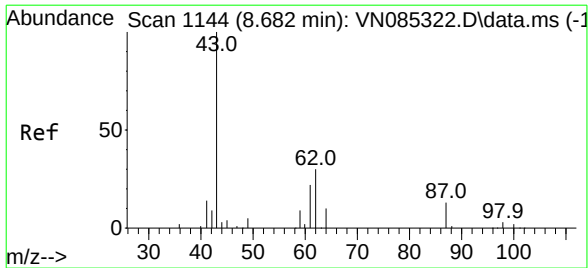
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#42
1,2-Dichloroethane
Concen: 19.684 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion:	62	Resp:	50307
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6





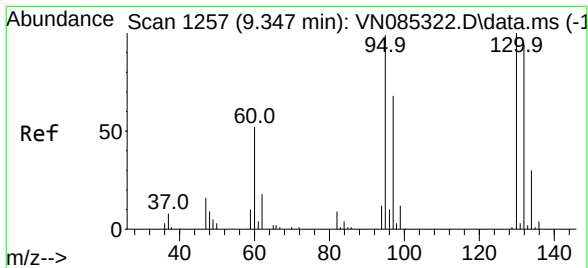
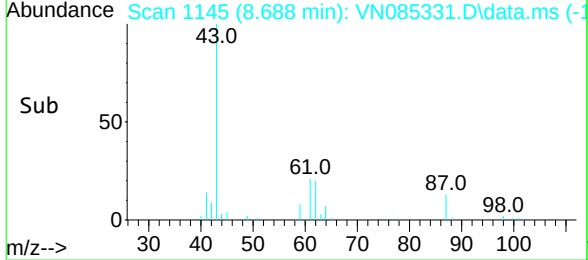
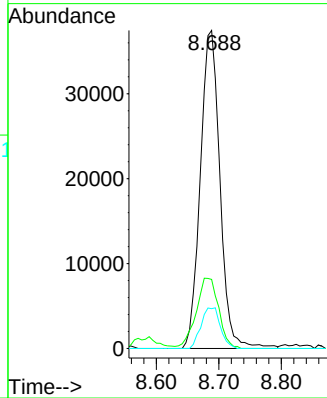
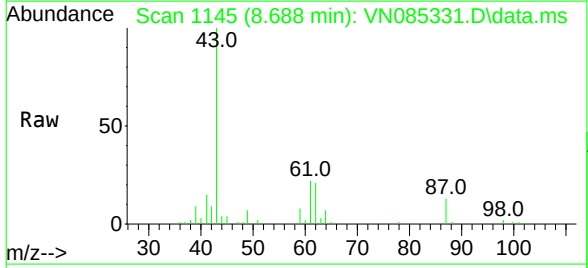
#43
Isopropyl Acetate
Concen: 21.225 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 43 Resp: 81902
Ion Ratio Lower Upper
43 100
61 25.3 20.8 31.2
87 12.6 10.2 15.4

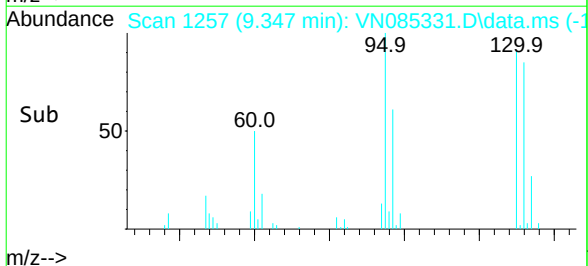
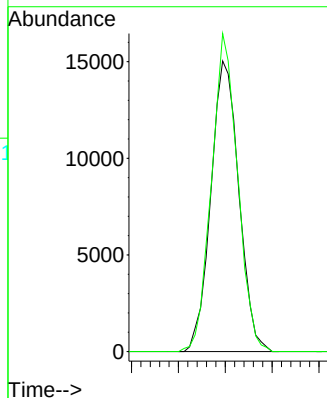
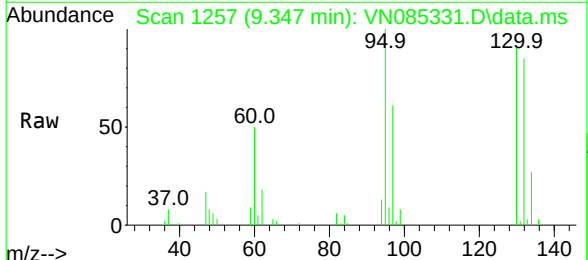
Manual Integrations
APPROVED

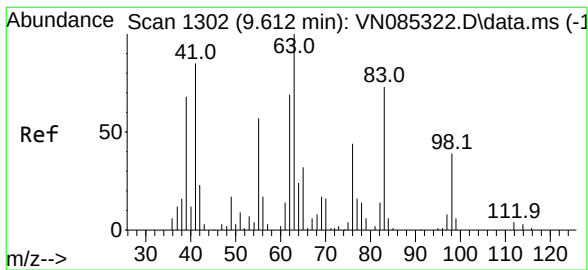
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#44
Trichloroethene
Concen: 18.479 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion:130 Resp: 31187
Ion Ratio Lower Upper
130 100
95 109.4 0.0 197.8





#45

1,2-Dichloropropane

Concen: 19.896 ug/l

RT: 9.618 min Scan# 13

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

Tgt Ion: 63 Resp: 36004

Ion Ratio Lower Upper

63 100

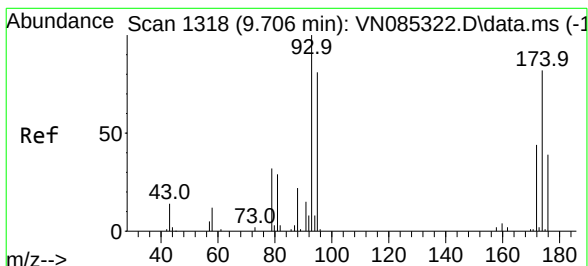
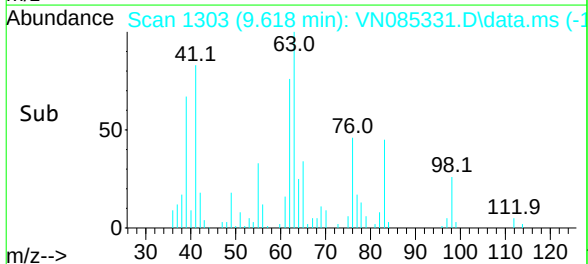
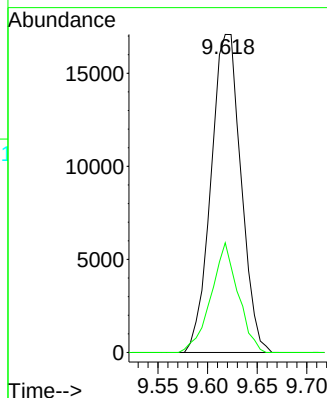
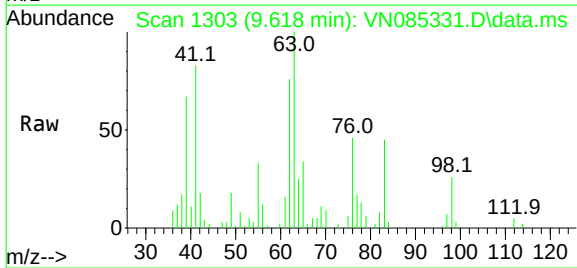
65 34.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#46

Dibromomethane

Concen: 19.639 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

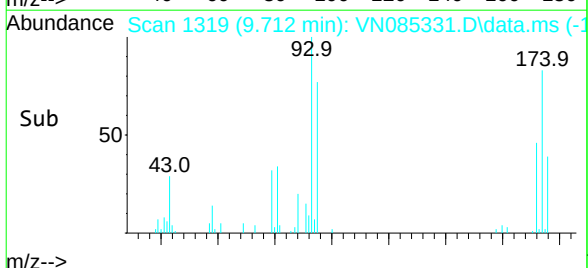
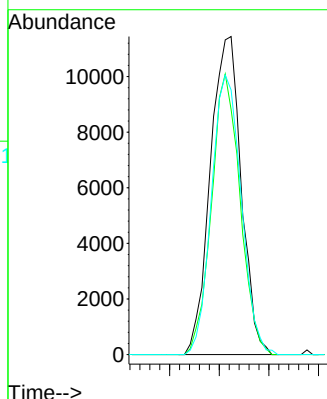
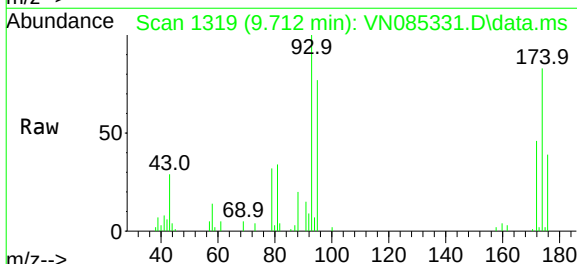
Tgt Ion: 93 Resp: 24716

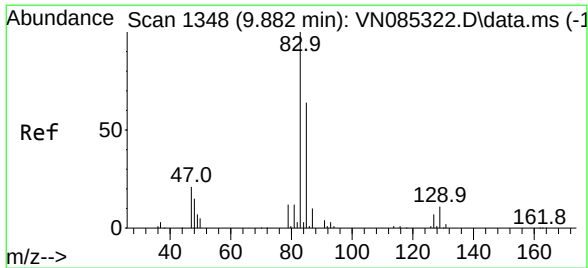
Ion Ratio Lower Upper

93 100

95 81.7 65.3 97.9

174 84.8 66.4 99.6





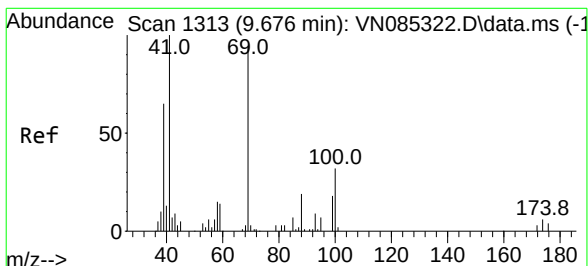
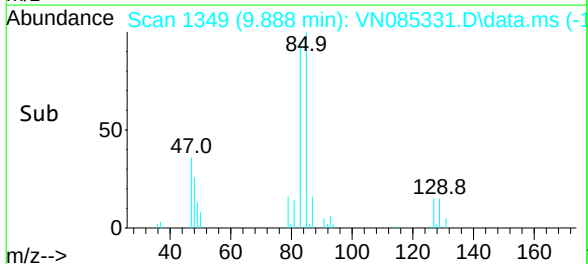
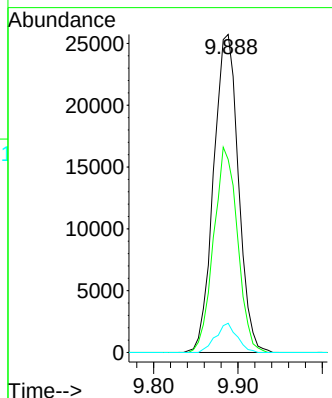
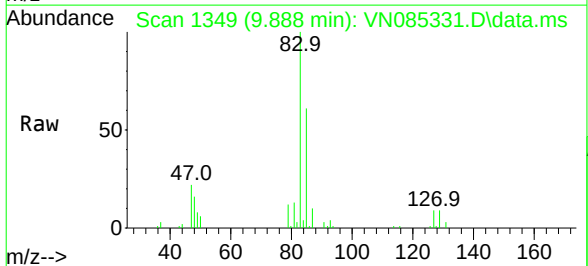
#47
Bromodichloromethane
Concen: 20.090 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 83	Resp: 52551
Ion Ratio	Lower Upper
83 100	
85 60.7	51.0 76.4
127 9.2	5.8 8.6

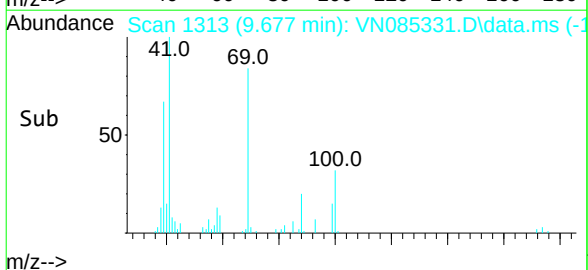
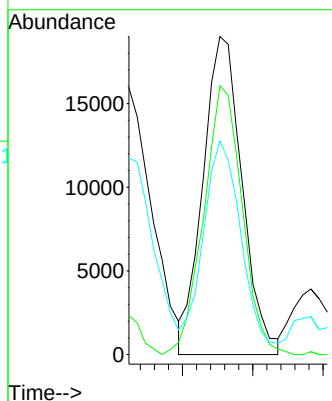
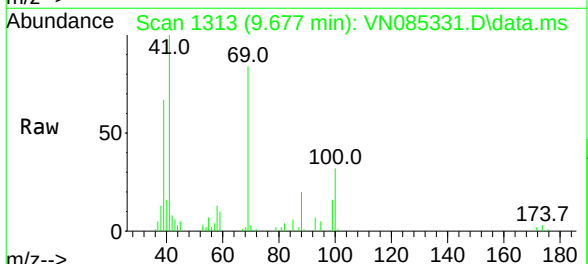
Manual Integrations
APPROVED

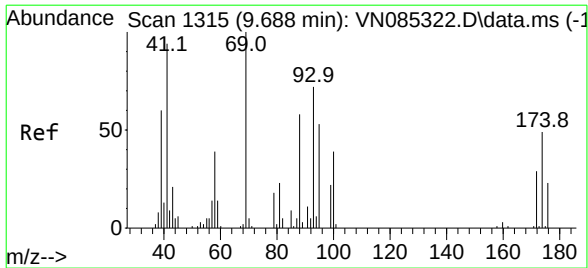
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#48
Methyl methacrylate
Concen: 21.968 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

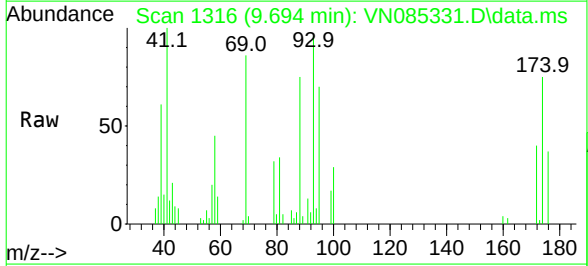
Tgt Ion: 41	Resp: 36782
Ion Ratio	Lower Upper
41 100	
69 83.0	67.7 101.5
39 66.1	51.2 76.8





#49
1,4-Dioxane
Concen: 541.163 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

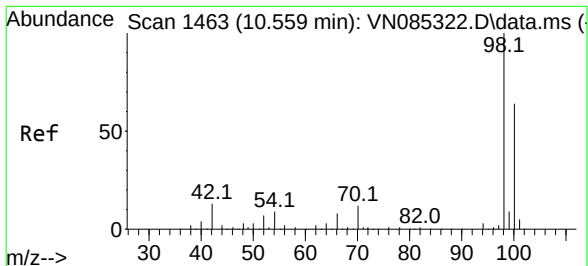
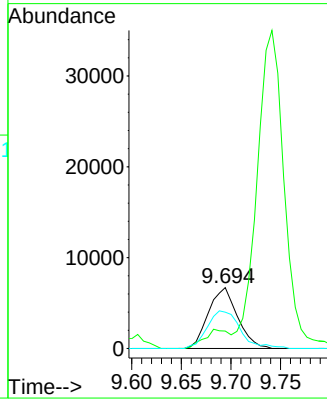
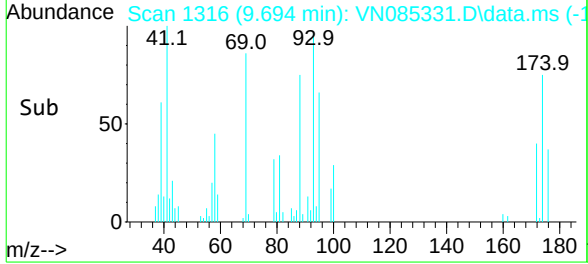
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



Tgt Ion: 88 Resp: 13671
Ion Ratio Lower Upper
88 100
43 27.1 22.1 33.1
58 70.4 56.7 85.1

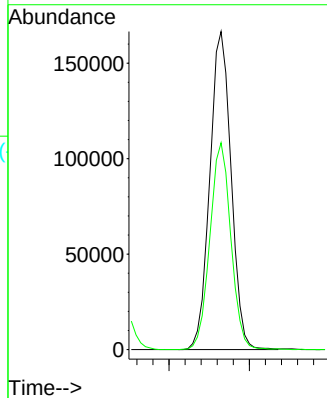
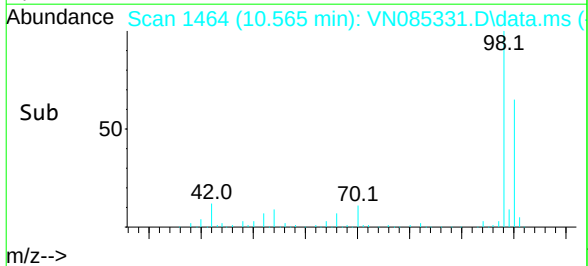
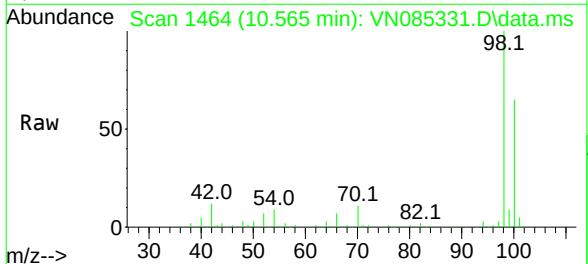
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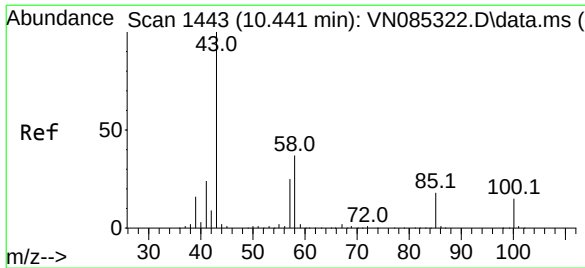
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#50
Toluene-d8
Concen: 51.858 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 98 Resp: 306433
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3





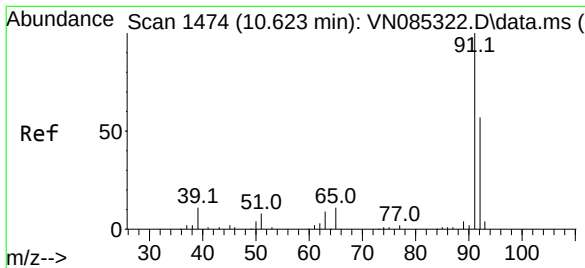
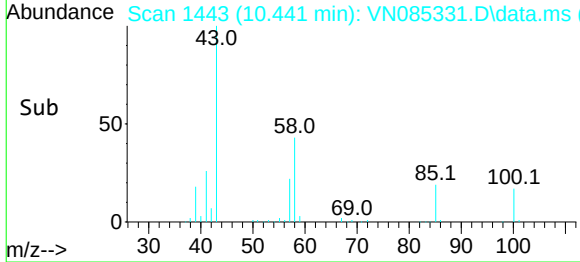
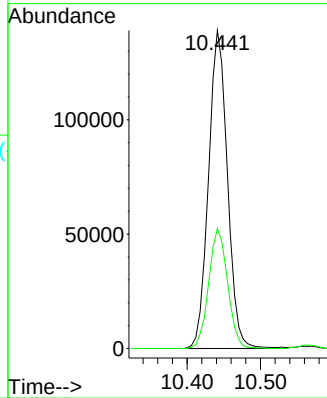
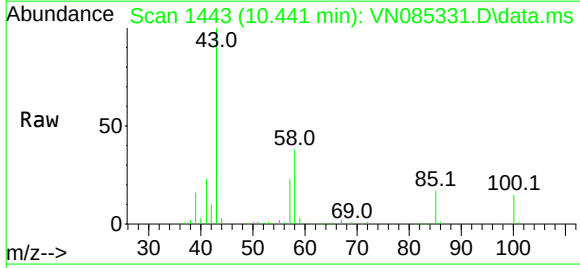
#51
4-Methyl-2-Pentanone
Concen: 114.650 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 43 Resp: 248614
Ion Ratio Lower Upper
43 100
58 37.7 30.3 45.5

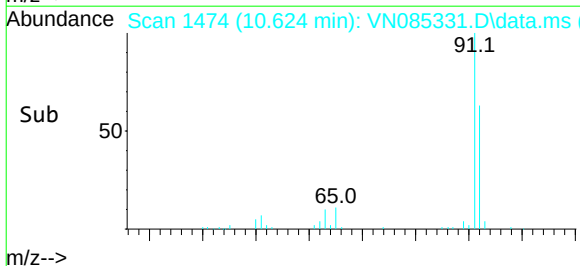
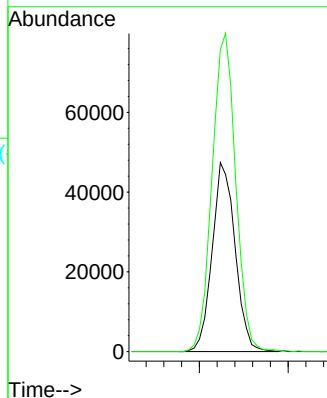
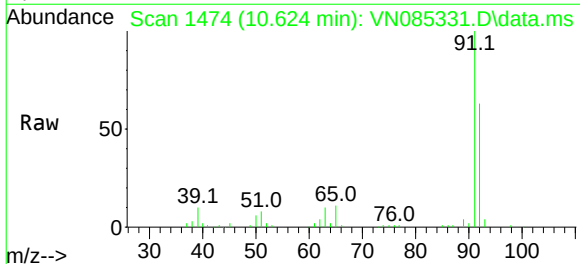
Manual Integrations
APPROVED

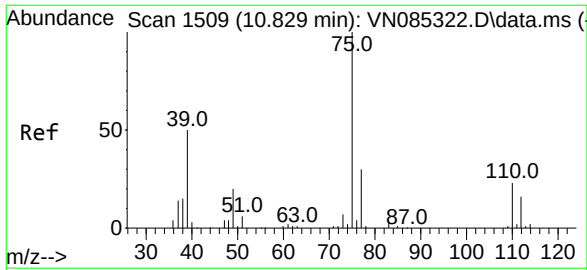
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#52
Toluene
Concen: 20.033 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

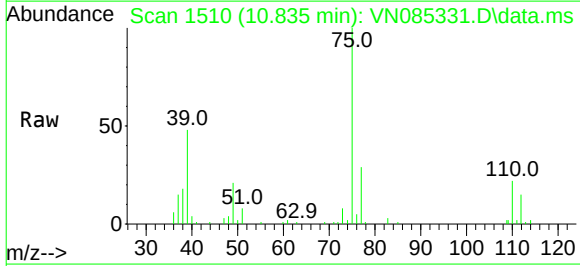
Tgt Ion: 92 Resp: 85029
Ion Ratio Lower Upper
92 100
91 173.5 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 20.101 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

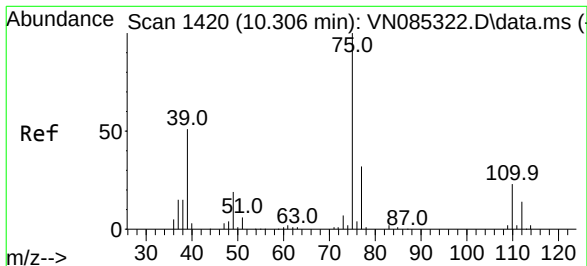
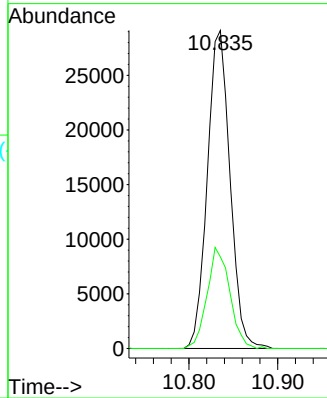
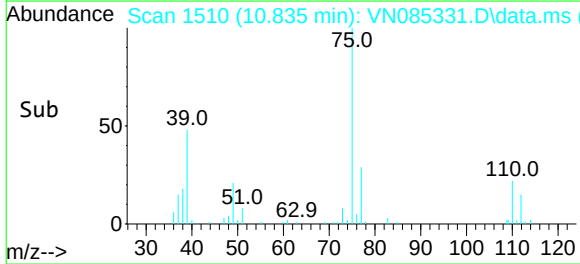
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



Tgt Ion: 75 Resp: 51708
Ion Ratio Lower Upper
75 100
77 28.8 23.8 35.6

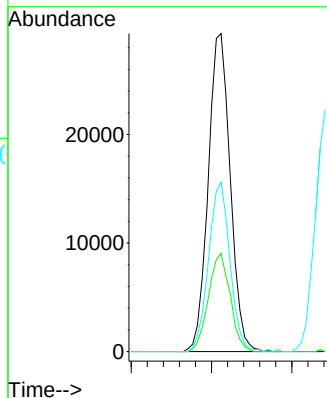
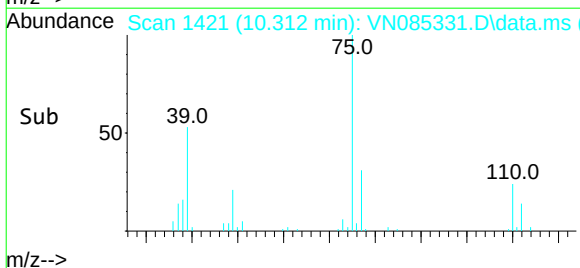
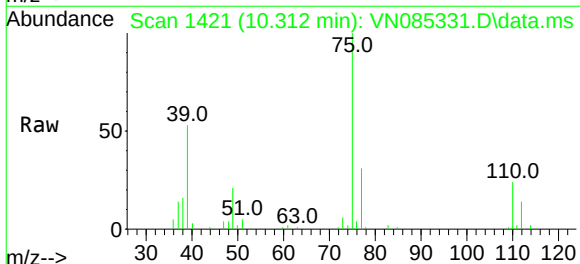
Manual Integrations
APPROVED

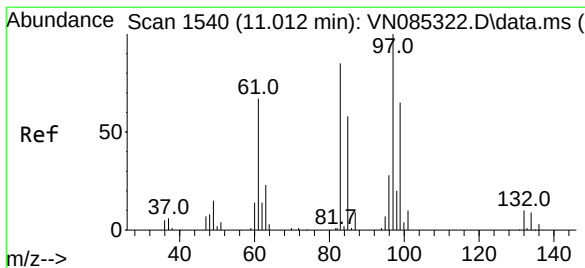
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#54
cis-1,3-Dichloropropene
Concen: 20.042 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 75 Resp: 55748
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3
39 53.3 40.5 60.7





#55

1,1,2-Trichloroethane

Concen: 20.437 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

Tgt Ion: 97 Resp: 32750

Ion Ratio Lower Upper

97 100

83 88.5 67.7 101.5

85 62.0 46.2 69.4

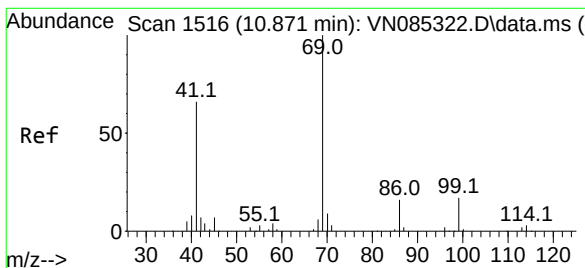
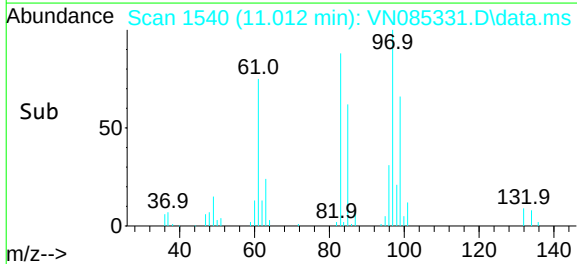
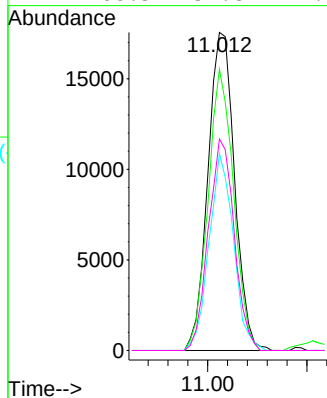
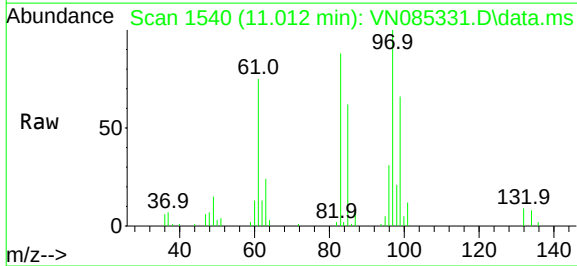
99 66.5 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#56

Ethyl methacrylate

Concen: 21.484 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

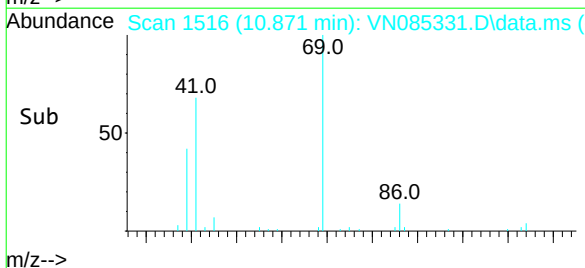
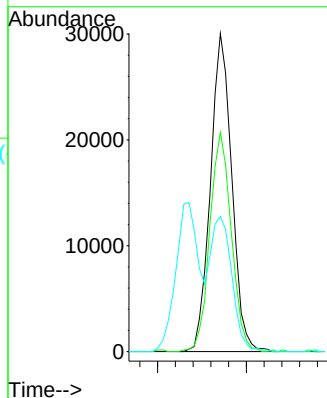
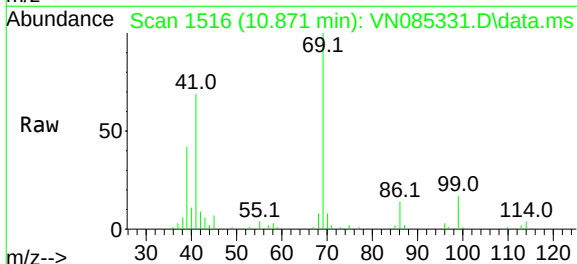
Tgt Ion: 69 Resp: 50141

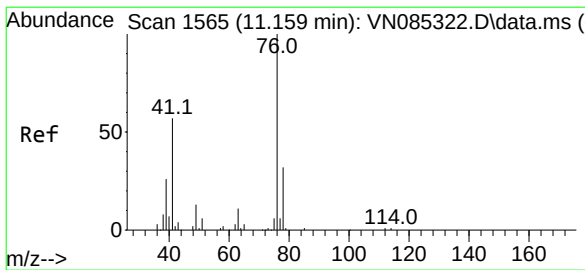
Ion Ratio Lower Upper

69 100

41 69.3 54.3 81.5

39 42.8 32.0 48.0





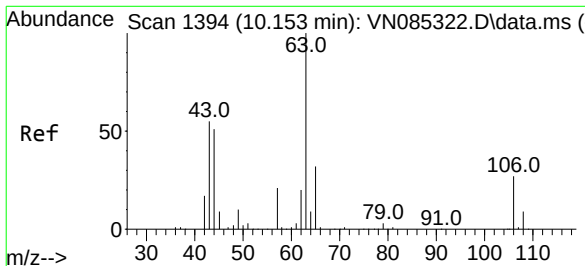
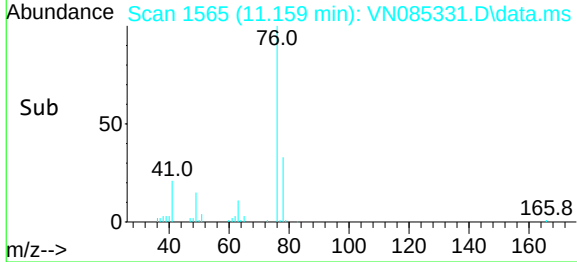
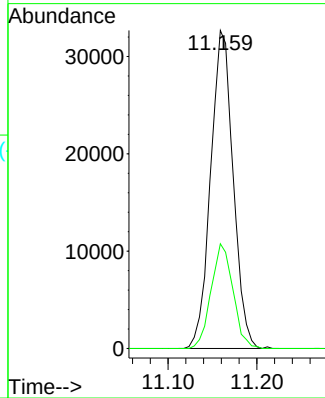
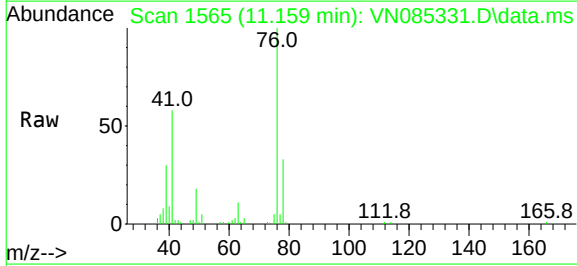
#57
1,3-Dichloropropane
Concen: 20.463 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 76 Resp: 57554
Ion Ratio Lower Upper
76 100
78 32.0 25.5 38.3

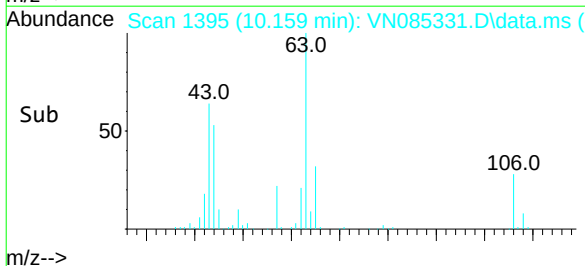
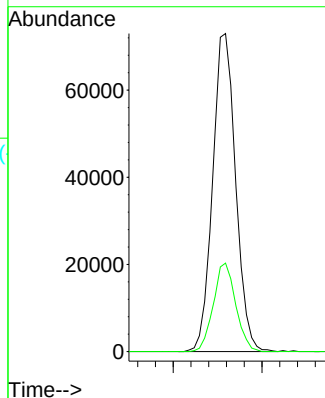
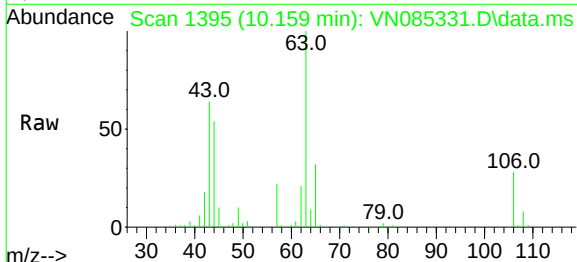
Manual Integrations
APPROVED

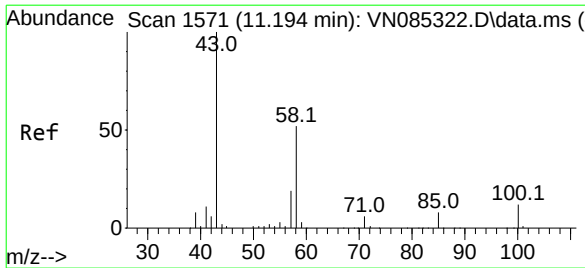
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#58
2-Chloroethyl Vinyl ether
Concen: 116.170 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 63 Resp: 131176
Ion Ratio Lower Upper
63 100
106 27.0 22.1 33.1





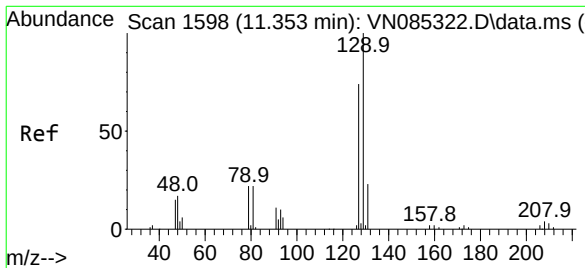
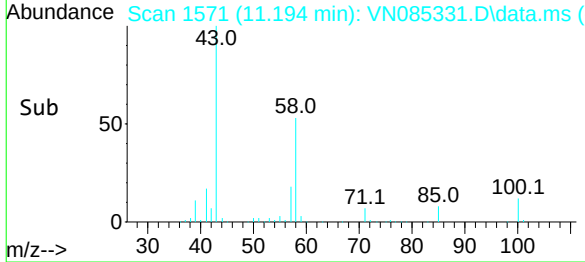
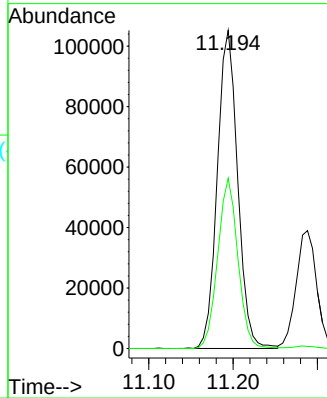
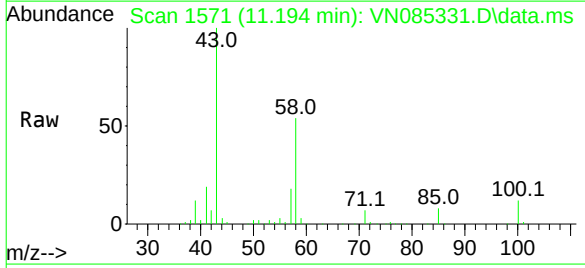
#59
2-Hexanone
Concen: 117.338 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 43 Resp: 176533
Ion Ratio Lower Upper
43 100
58 52.9 26.5 79.5

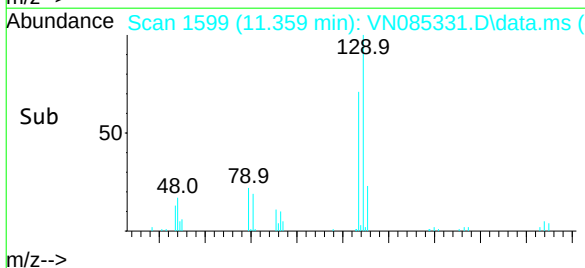
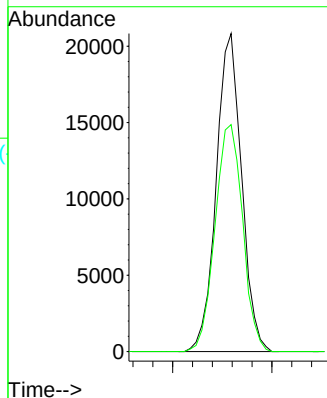
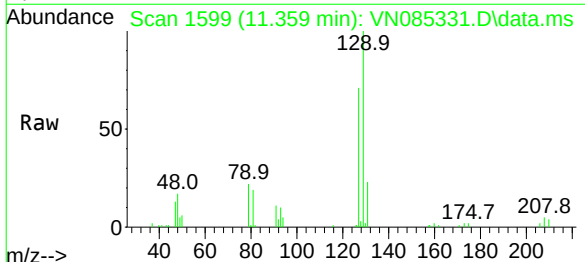
Manual Integrations
APPROVED

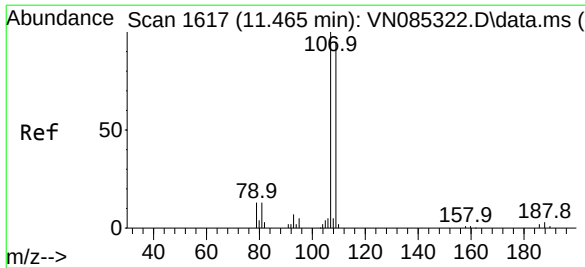
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#60
Dibromochloromethane
Concen: 20.483 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion:129 Resp: 36970
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.9





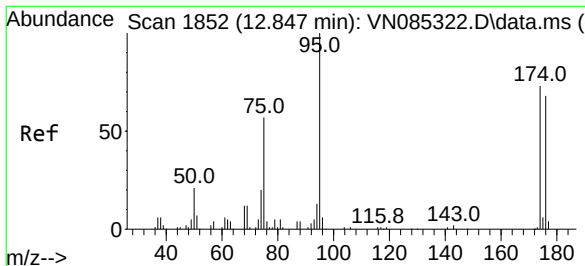
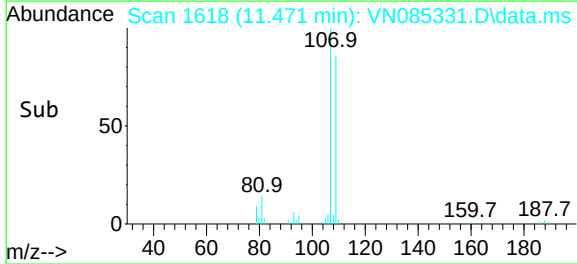
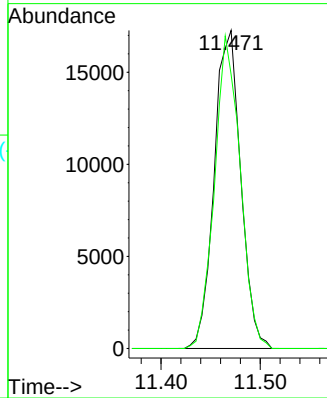
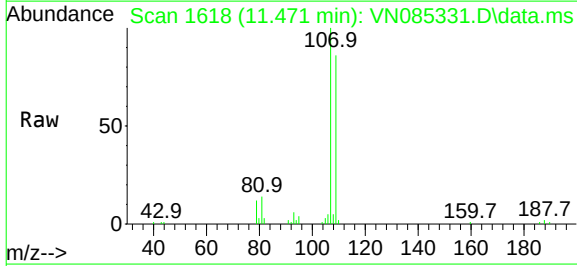
#61
1,2-Dibromoethane
Concen: 20.237 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 107 Resp: 32084
Ion Ratio Lower Upper
107 100
109 95.5 74.9 112.3

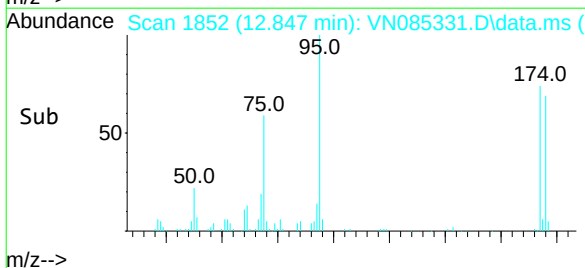
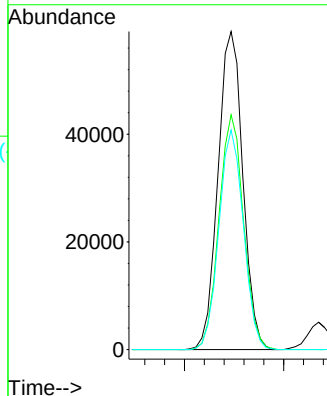
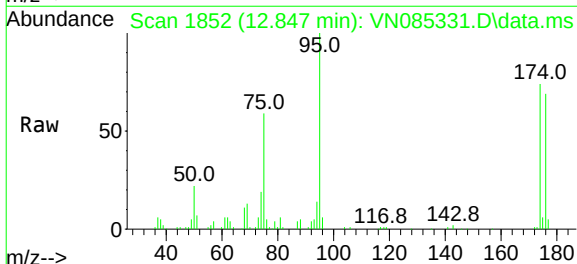
Manual Integrations
APPROVED

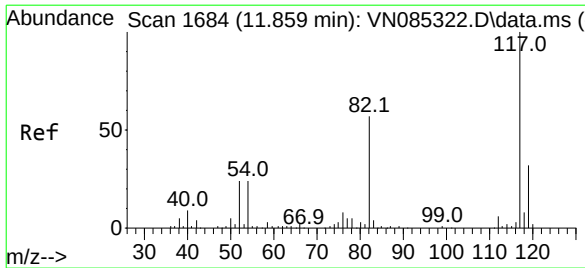
Reviewed By : John Carlone 12/30/2024
Supervised By : Mahesh Dadoda 12/30/2024



#62
4-Bromofluorobenzene
Concen: 52.322 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 95 Resp: 102680
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.2
176 68.1 0.0 135.8





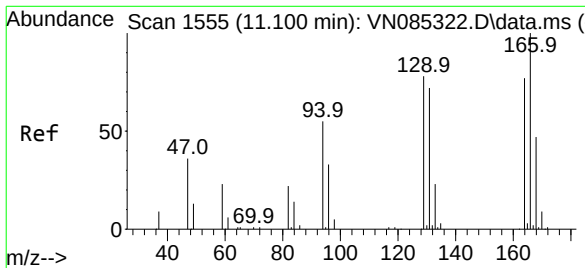
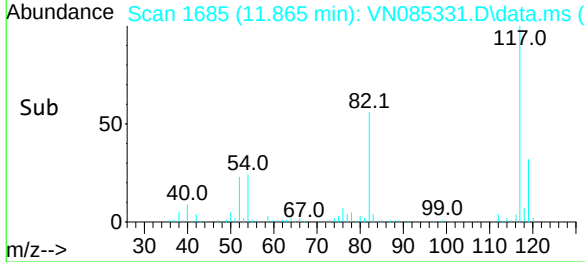
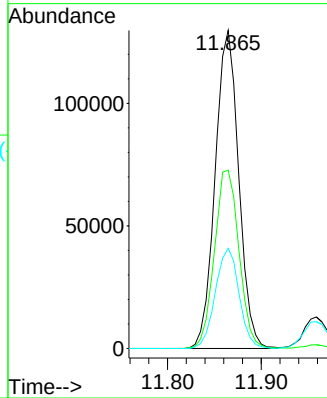
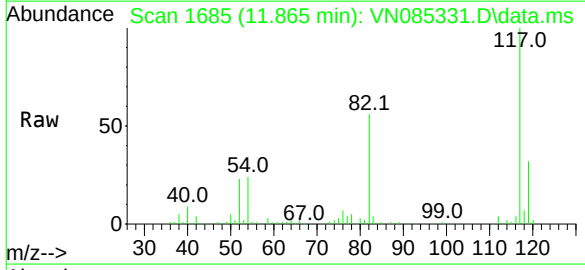
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion:	117	Resp:	226359
Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.7	68.5
119	31.5	25.8	38.8

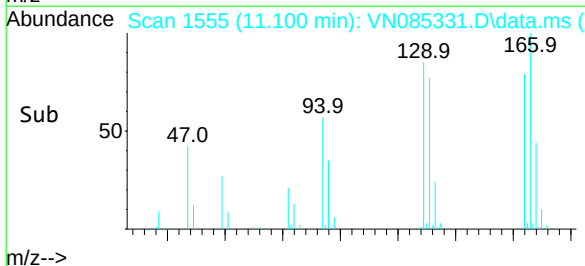
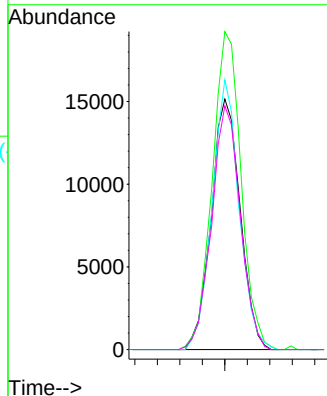
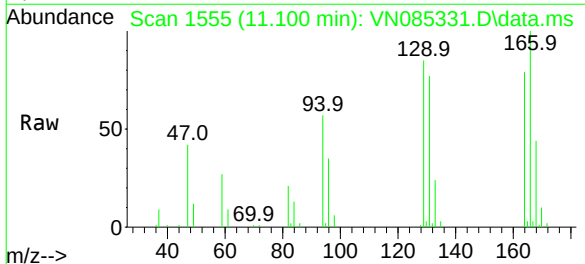
Manual Integrations
APPROVED

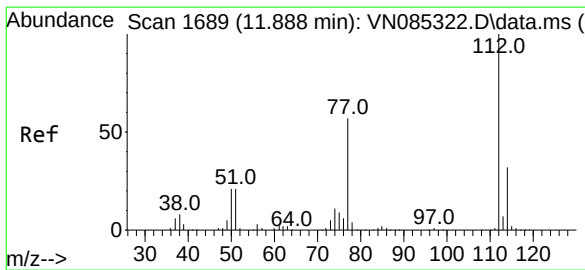
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#64
Tetrachloroethene
Concen: 18.911 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion:	164	Resp:	27124
Ion	Ratio	Lower	Upper
164	100		
166	127.0	104.0	156.0
129	107.7	81.3	121.9
131	97.3	75.0	112.6





#65

Chlorobenzene

Concen: 18.629 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

Tgt Ion:112 Resp: 91123

Ion Ratio Lower Upper

112 100

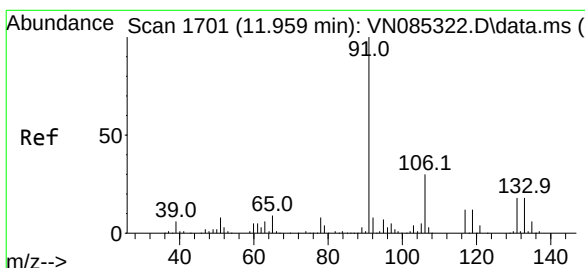
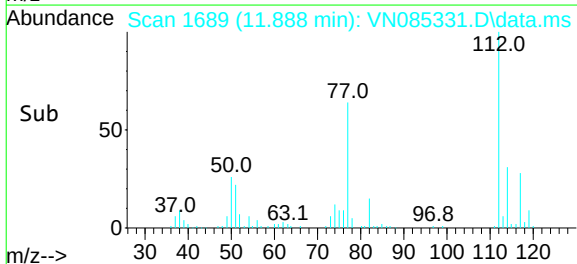
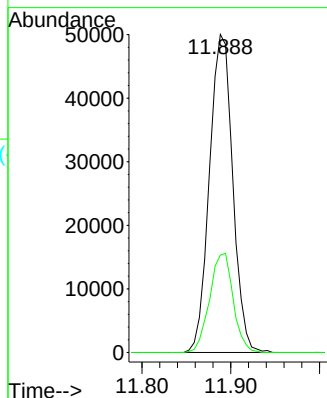
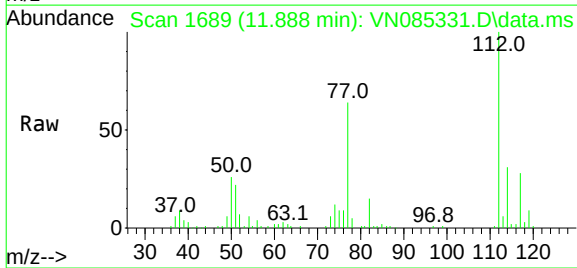
114 30.6 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 19.325 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

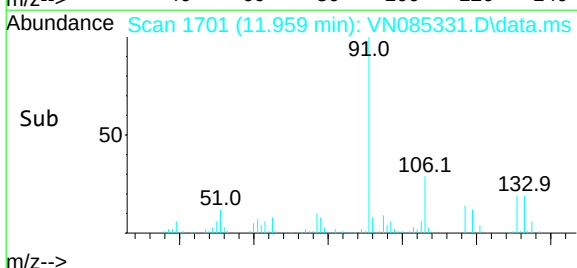
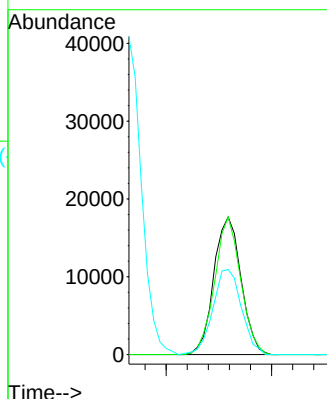
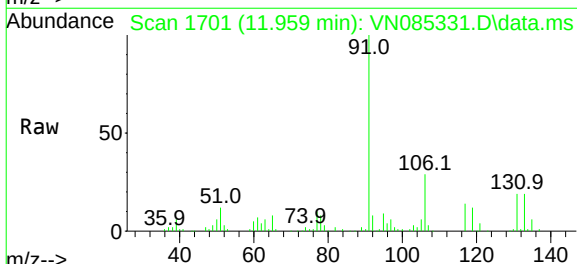
Tgt Ion:131 Resp: 31726

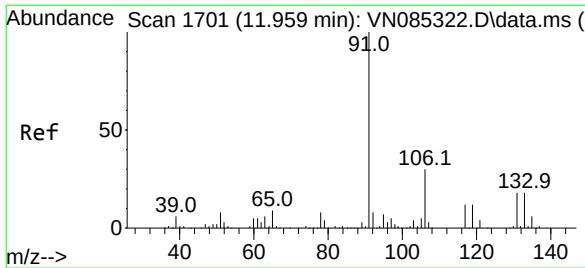
Ion Ratio Lower Upper

131 100

133 95.4 48.3 144.9

119 65.0 33.4 100.1





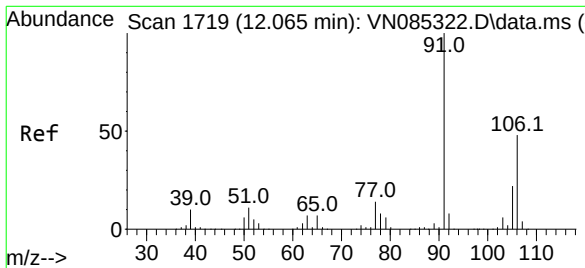
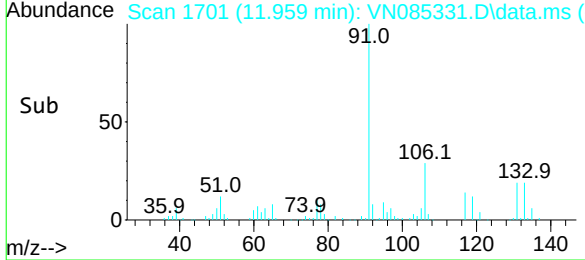
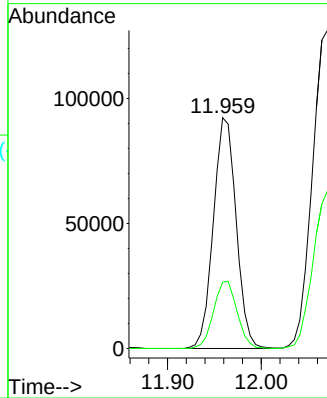
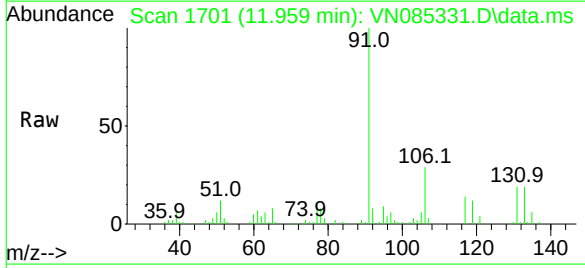
#67
Ethyl Benzene
Concen: 19.184 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 91 Resp: 156061
Ion Ratio Lower Upper
91 100
106 28.7 24.0 36.0

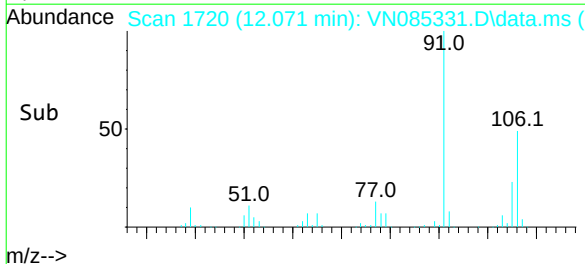
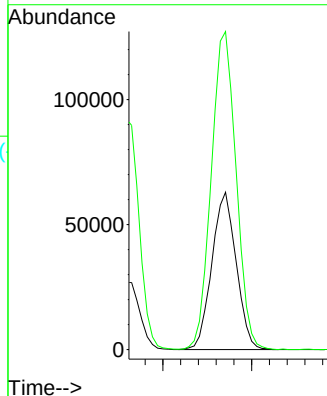
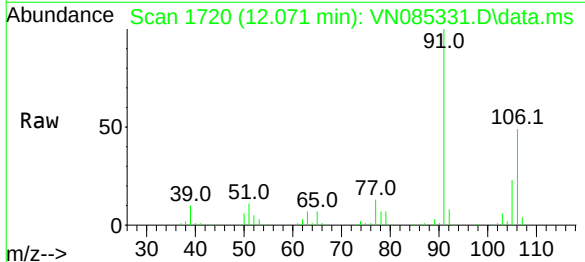
Manual Integrations
APPROVED

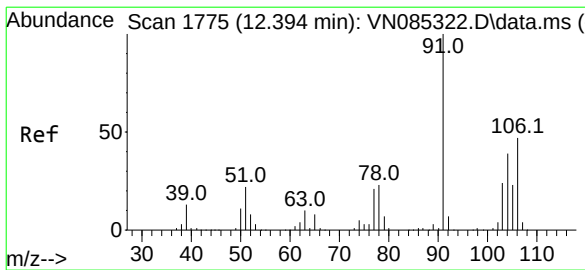
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#68
m/p-Xylenes
Concen: 40.244 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion:106 Resp: 119809
Ion Ratio Lower Upper
106 100
91 206.3 165.2 247.8





#69

o-Xylene

Concen: 19.624 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

Tgt Ion:106 Resp: 56516

Ion Ratio Lower Upper

106 100

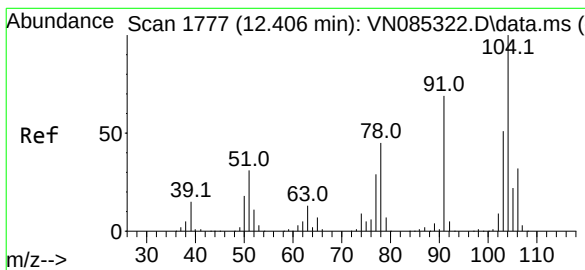
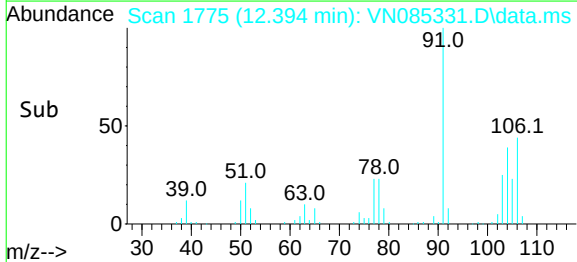
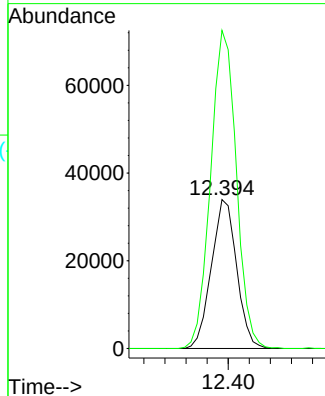
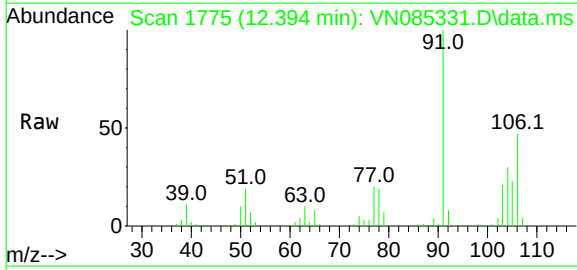
91 217.4 107.3 321.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#70

Styrene

Concen: 19.853 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

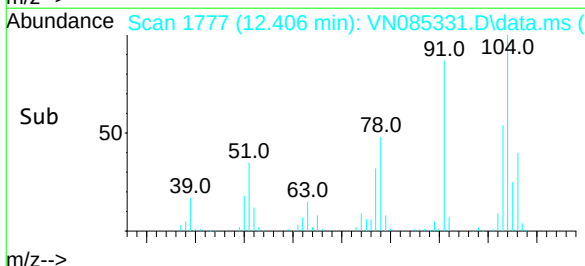
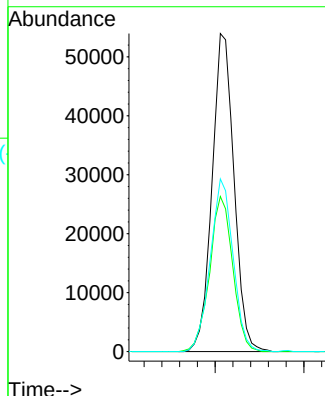
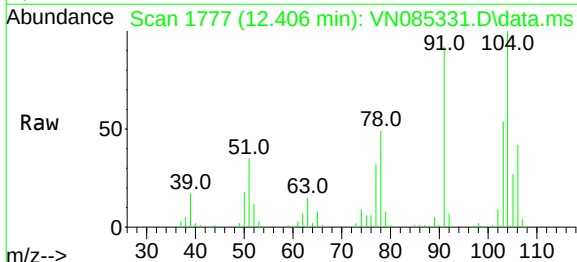
Tgt Ion:104 Resp: 92662

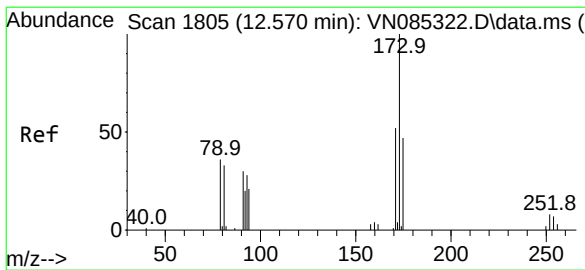
Ion Ratio Lower Upper

104 100

78 51.3 40.7 61.1

103 56.6 44.1 66.1





#71

Bromoform

Concen: 20.552 ug/l

RT: 12.576 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

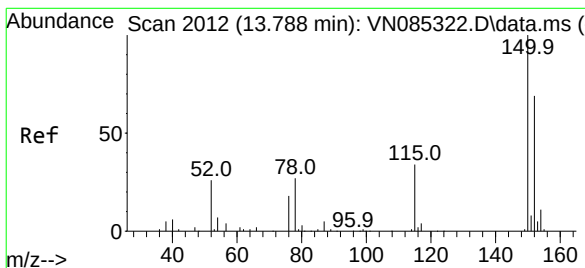
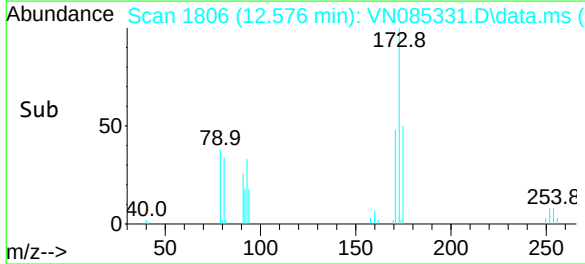
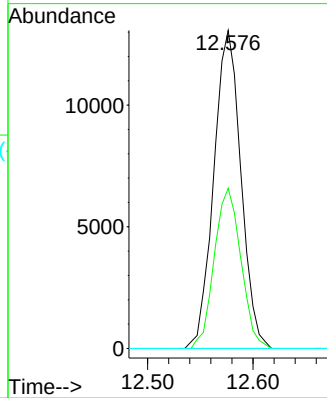
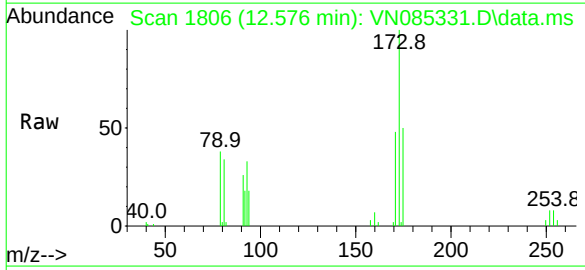
Tgt Ion:	173	Resp:	23369
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

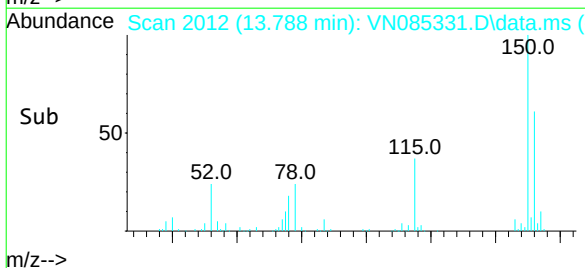
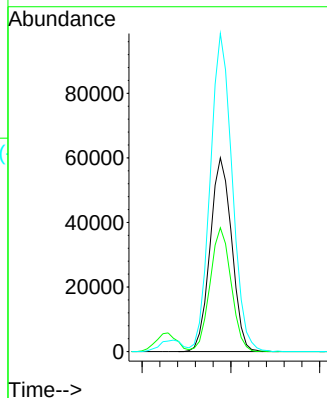
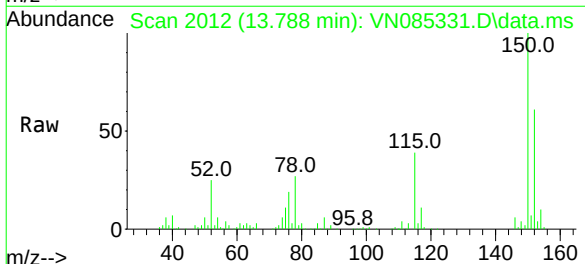
RT: 13.788 min Scan# 2012

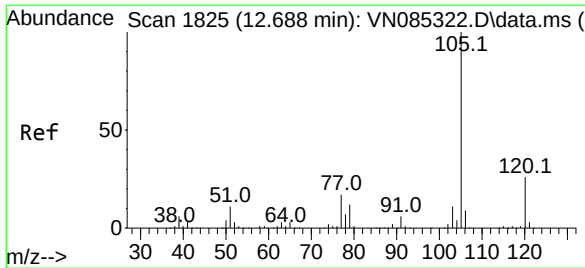
Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Tgt Ion:	152	Resp:	101437
Ion Ratio	Lower	Upper	
152	100		
115	62.5	30.4	91.3
150	167.2	0.0	345.0





#73

Isopropylbenzene

Concen: 19.493 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

Tgt Ion: 105 Resp: 142191

Ion Ratio Lower Upper

105 100

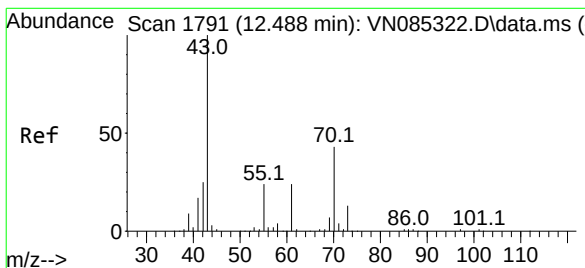
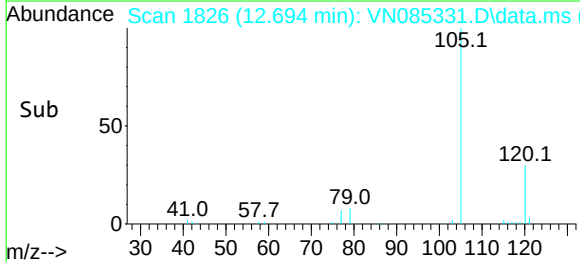
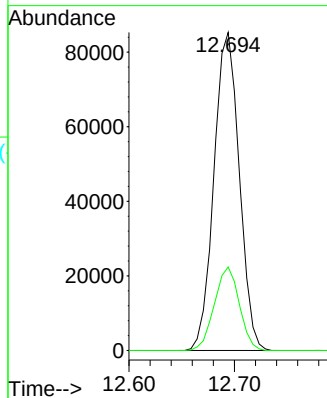
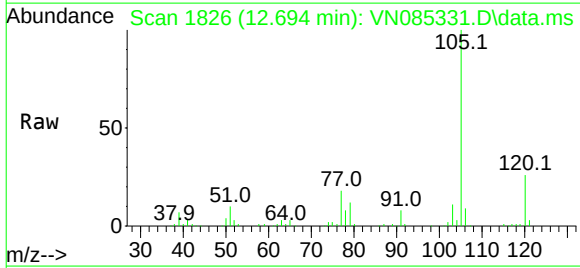
120 25.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#74

N-ethyl acetate

Concen: 21.434 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Tgt Ion: 43 Resp: 66923

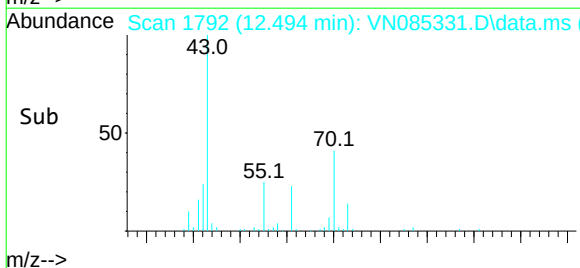
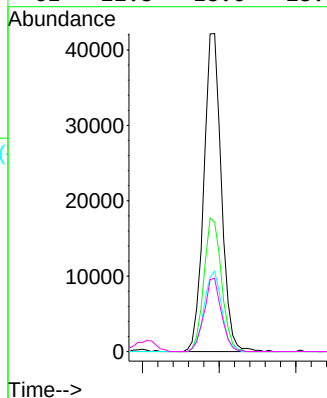
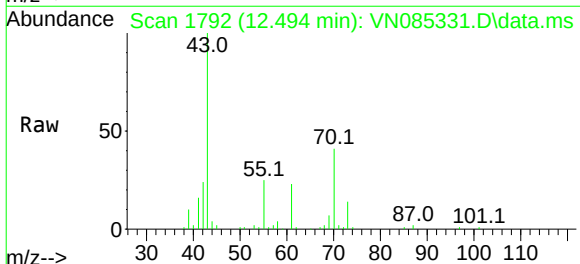
Ion Ratio Lower Upper

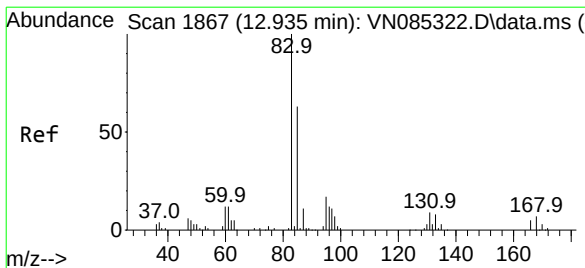
43 100

70 42.1 33.4 50.0

55 25.4 19.2 28.8

61 22.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.569 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

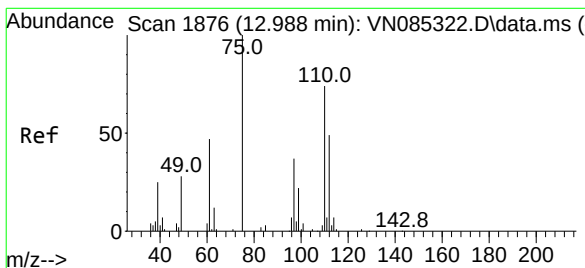
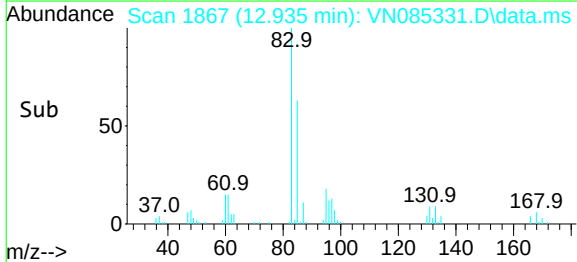
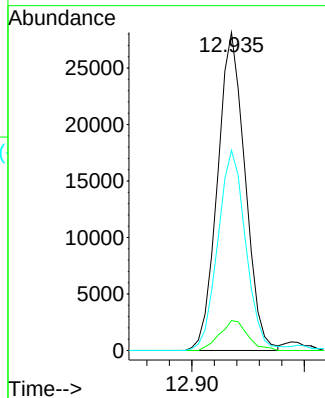
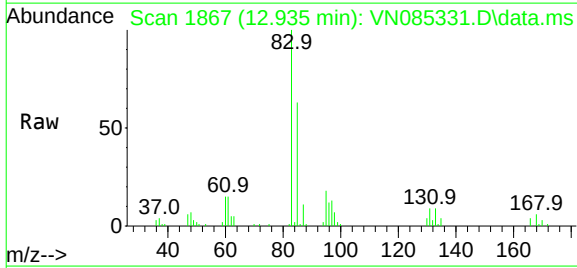
Tgt Ion:	83	Resp:	47785
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.8	14.4
85	63.9	32.6	98.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#76

1,2,3-Trichloropropane

Concen: 20.319 ug/l m

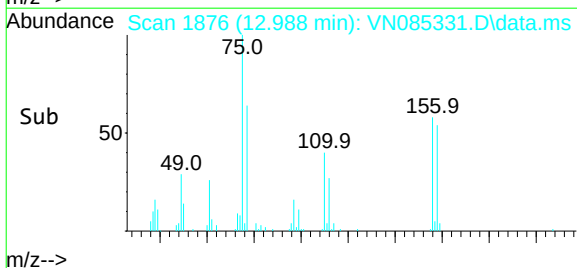
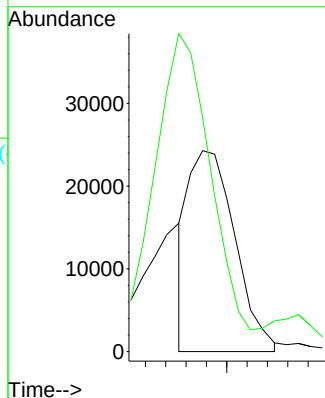
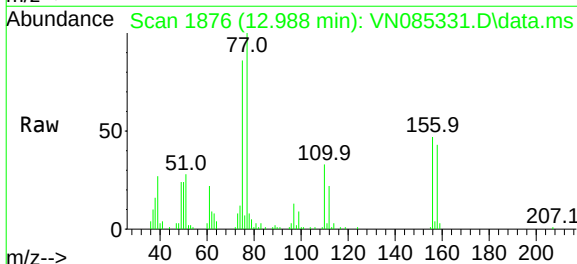
RT: 12.988 min Scan# 1876

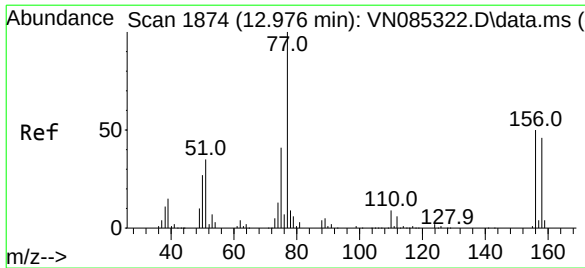
Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

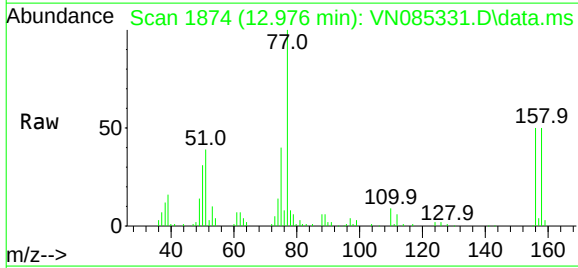
Tgt Ion:	75	Resp:	38489
Ion Ratio	Lower	Upper	
75	100		
77	200.2	98.1	294.3





#77
Bromobenzene
Concen: 18.850 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

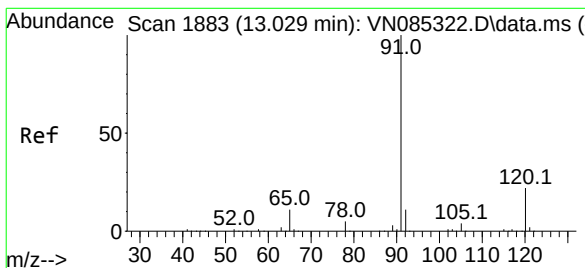
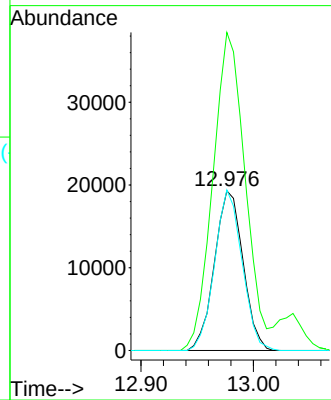
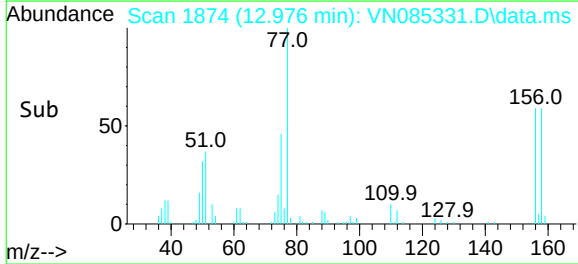
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



Tgt Ion:156 Resp: 34066
Ion Ratio Lower Upper
156 100
77 226.2 114.0 342.0
158 96.7 47.6 142.8

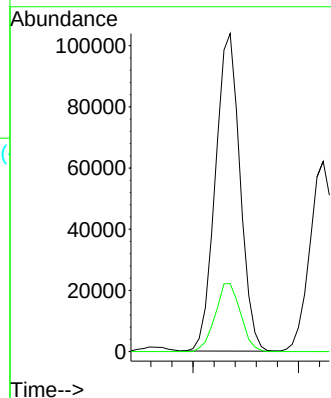
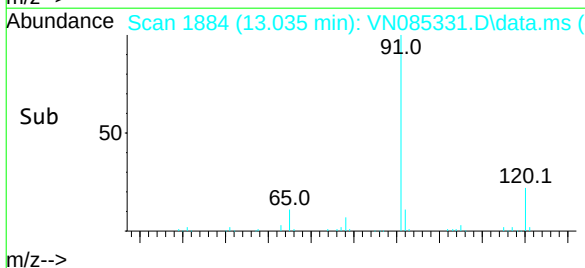
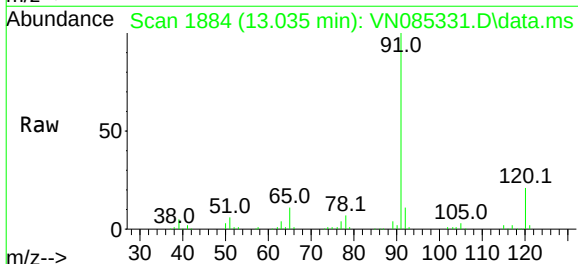
Manual Integrations
APPROVED

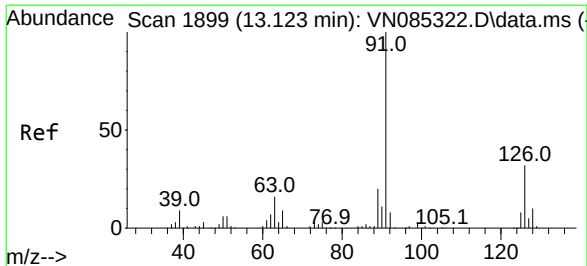
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#78
n-propylbenzene
Concen: 19.828 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 91 Resp: 168593
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9





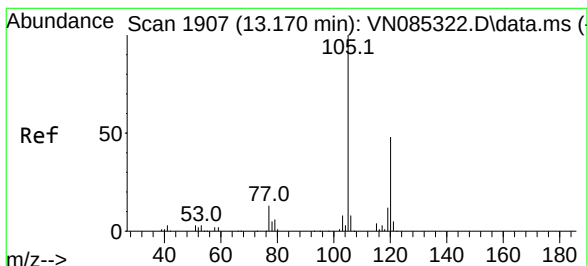
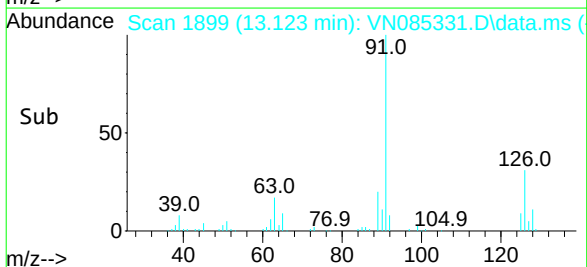
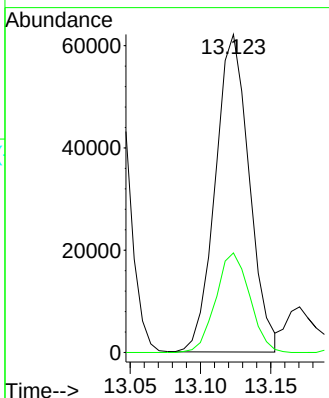
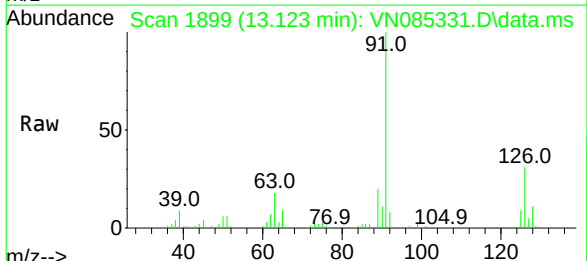
#79
2-Chlorotoluene
Concen: 19.449 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 91 Resp: 104075
Ion Ratio Lower Upper
91 100
126 31.3 16.0 48.0

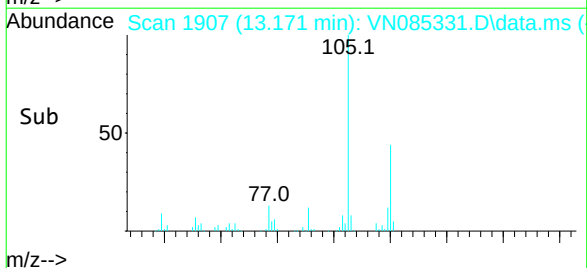
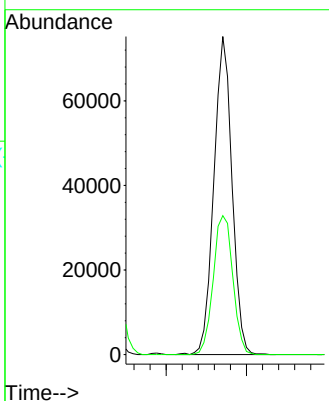
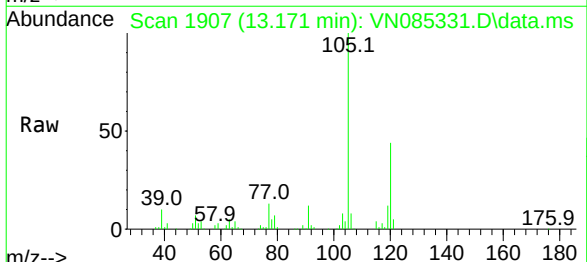
Manual Integrations
APPROVED

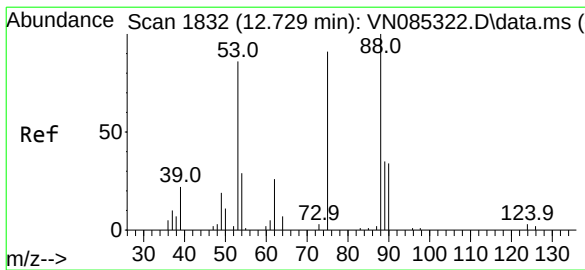
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.994 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion:105 Resp: 117966
Ion Ratio Lower Upper
105 100
120 47.1 24.0 72.0





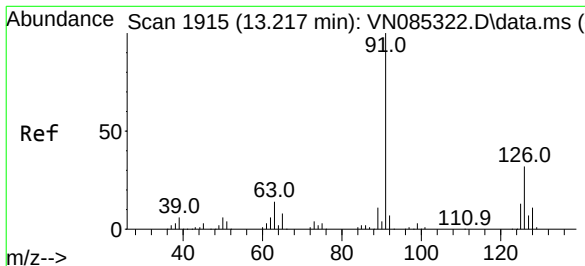
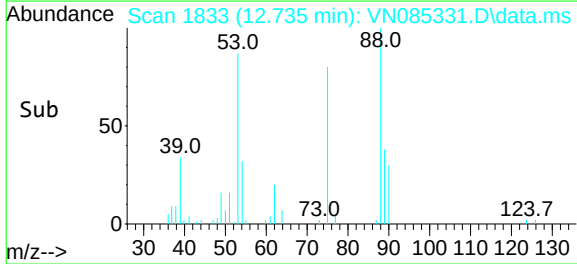
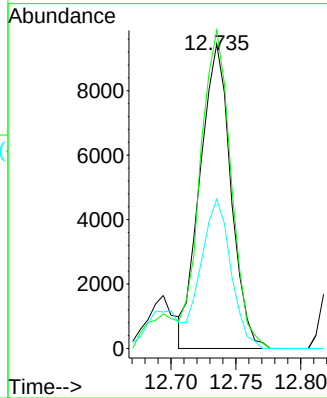
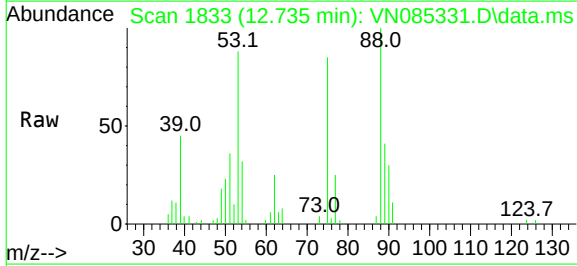
#81
trans-1,4-Dichloro-2-butene
Concen: 19.730 ug/l
RT: 12.735 min Scan# 1832
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 75 Resp: 15606
Ion Ratio Lower Upper
75 100
53 115.8 80.0 120.0
89 48.6 35.8 53.8

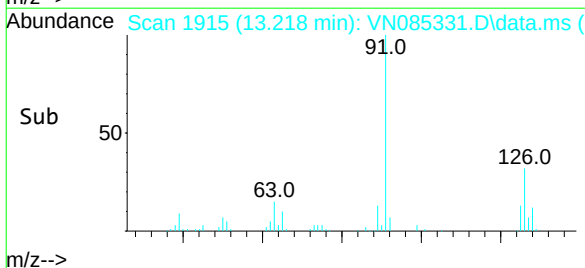
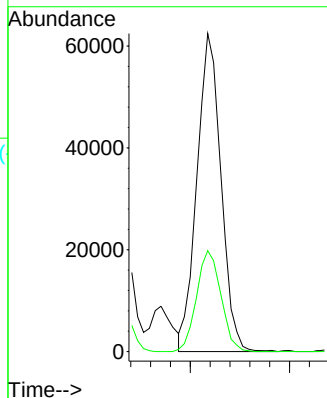
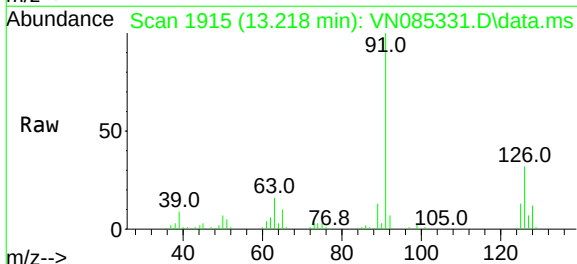
Manual Integrations
APPROVED

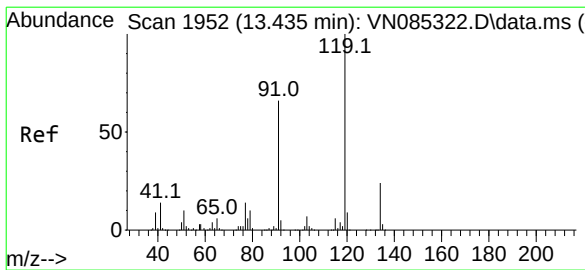
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#82
4-Chlorotoluene
Concen: 19.496 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 91 Resp: 105071
Ion Ratio Lower Upper
91 100
126 32.1 16.4 49.4





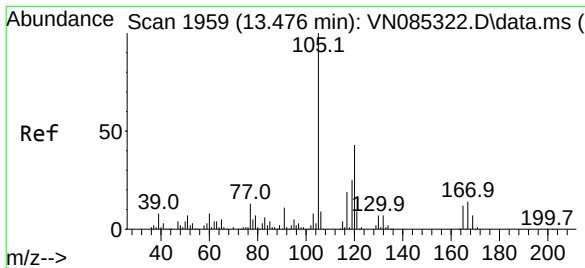
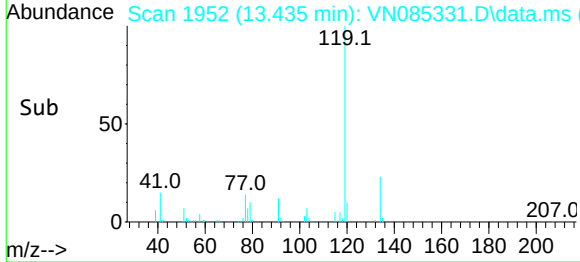
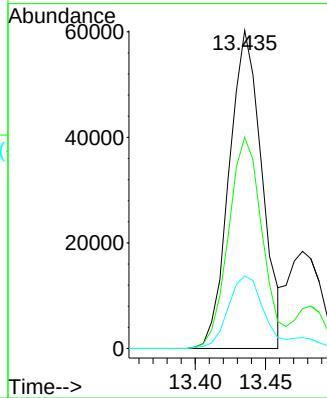
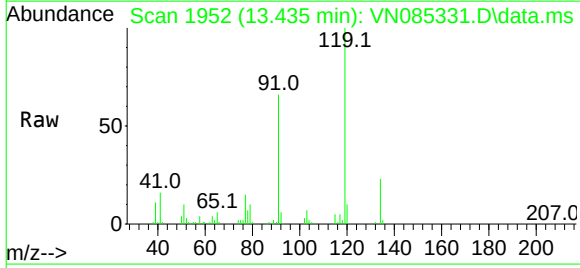
#83
tert-Butylbenzene
Concen: 19.128 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion:119 Resp: 97764
Ion Ratio Lower Upper
119 100
91 68.9 33.6 100.8
134 24.6 13.3 39.8

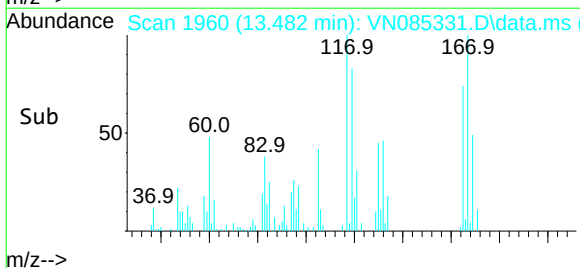
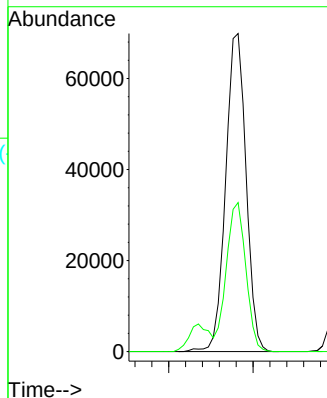
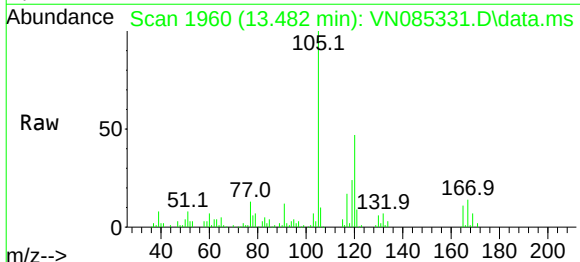
Manual Integrations
APPROVED

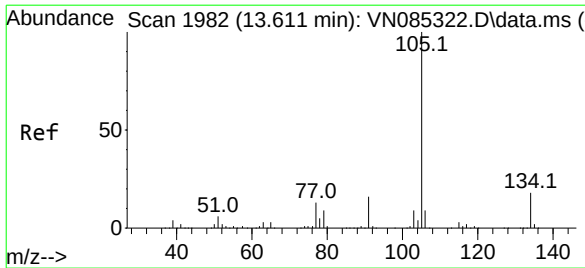
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#84
1,2,4-Trimethylbenzene
Concen: 19.968 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion:105 Resp: 117310
Ion Ratio Lower Upper
105 100
120 45.0 21.7 65.1





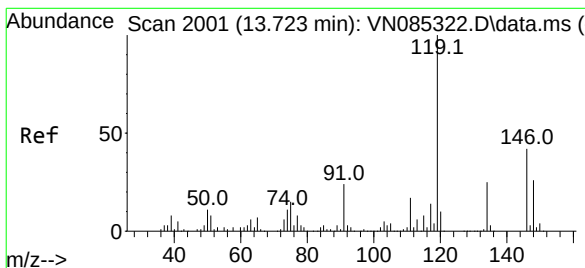
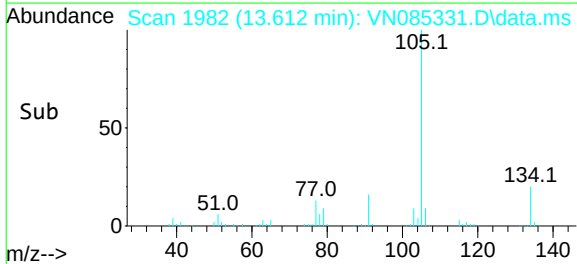
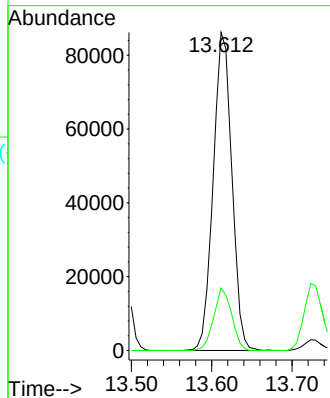
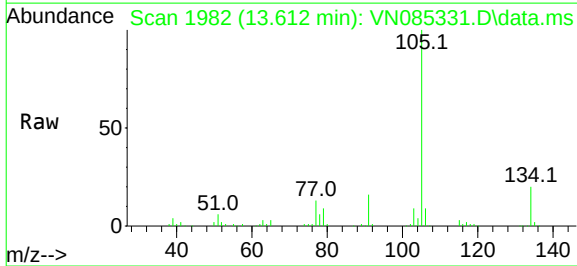
#85
sec-Butylbenzene
Concen: 19.588 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion:105 Resp: 138962
Ion Ratio Lower Upper
105 100
134 18.8 9.4 28.3

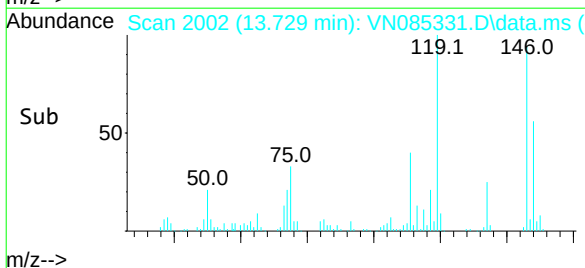
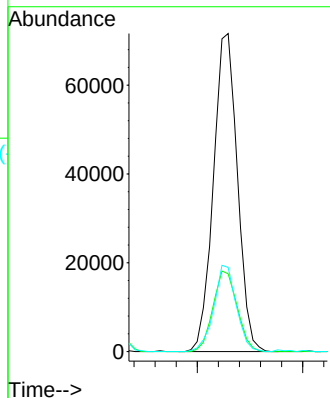
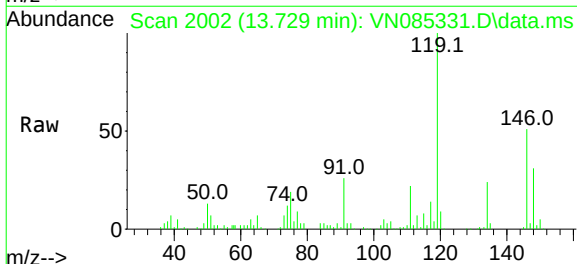
Manual Integrations
APPROVED

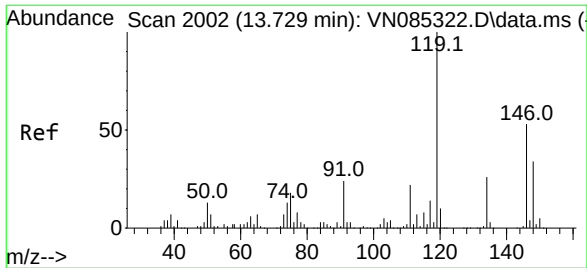
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#86
p-Isopropyltoluene
Concen: 18.647 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion:119 Resp: 113227
Ion Ratio Lower Upper
119 100
134 25.5 12.5 37.5
91 25.5 12.2 36.4





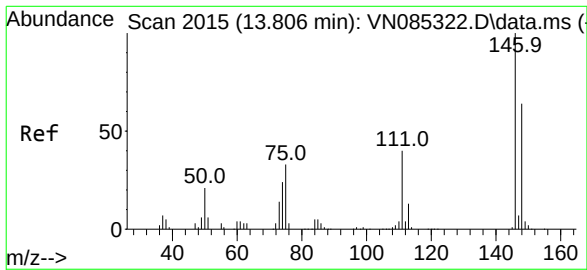
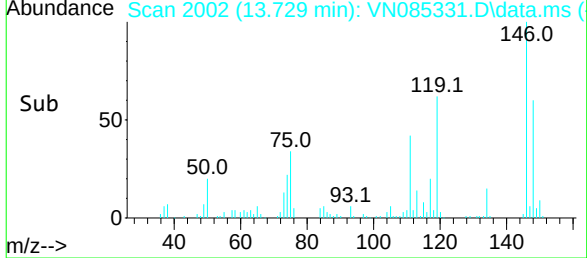
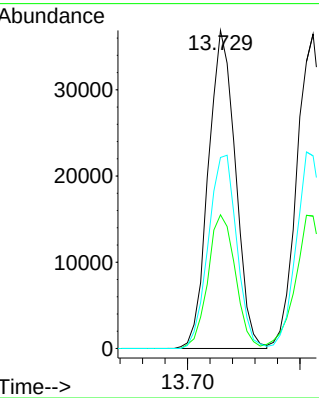
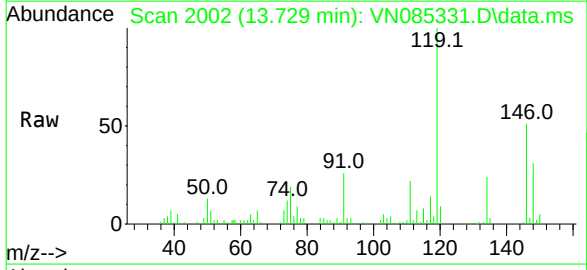
#87
1,3-Dichlorobenzene
Concen: 18.865 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	63.9
148	63.6	31.5	94.5

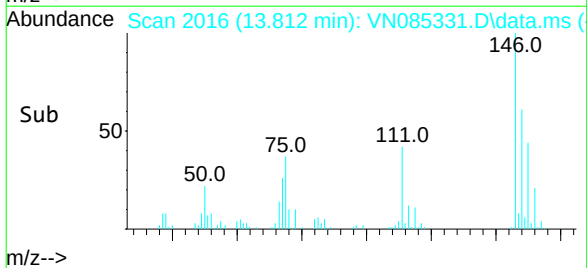
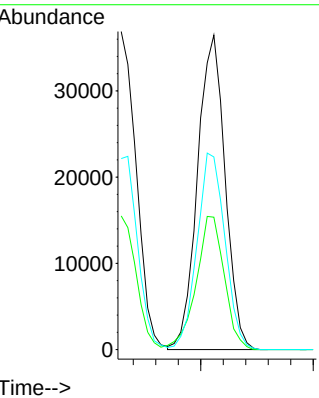
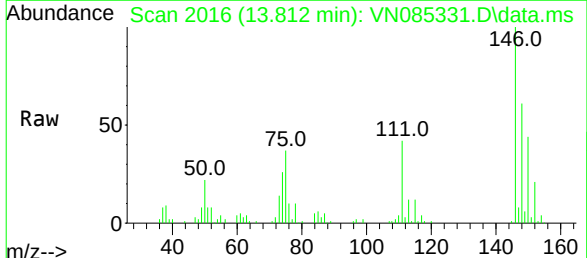
Manual Integrations
APPROVED

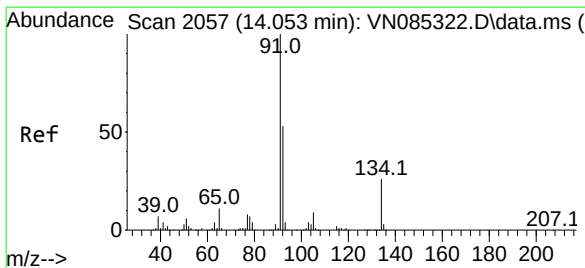
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#88
1,4-Dichlorobenzene
Concen: 18.466 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	20.8	62.5
148	63.3	31.7	95.1





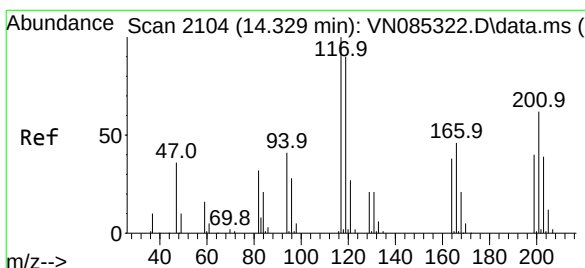
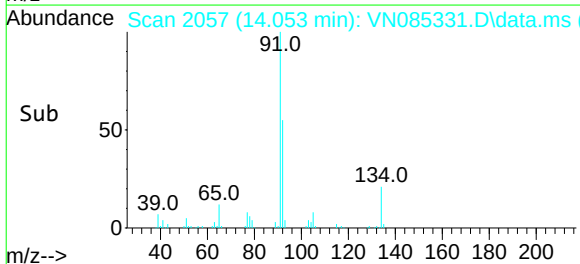
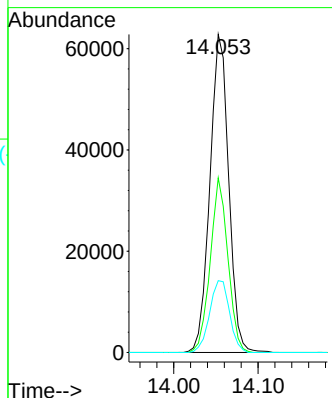
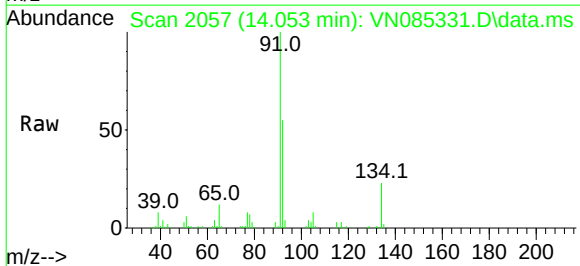
#89
n-Butylbenzene
Concen: 18.690 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 91 Resp: 97095
Ion Ratio Lower Upper
91 100
92 51.6 26.0 78.0
134 24.0 12.1 36.3

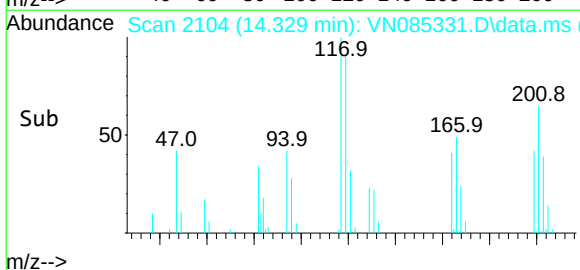
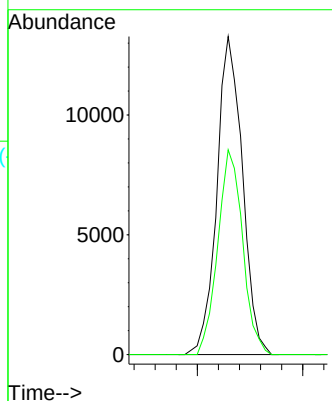
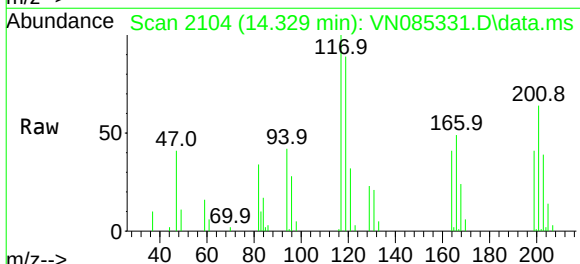
Manual Integrations
APPROVED

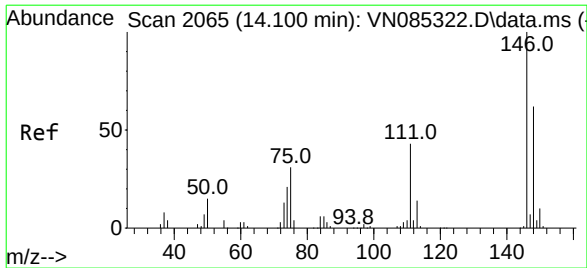
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#90
Hexachloroethane
Concen: 19.213 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

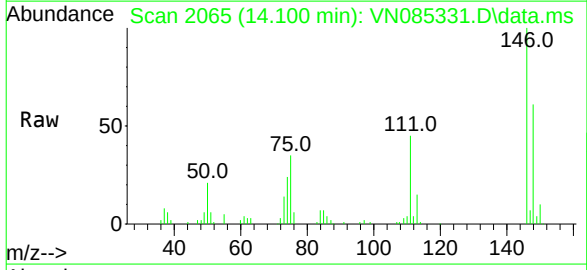
Tgt Ion:117 Resp: 22343
Ion Ratio Lower Upper
117 100
201 62.6 30.7 92.1





#91
1,2-Dichlorobenzene
Concen: 19.049 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

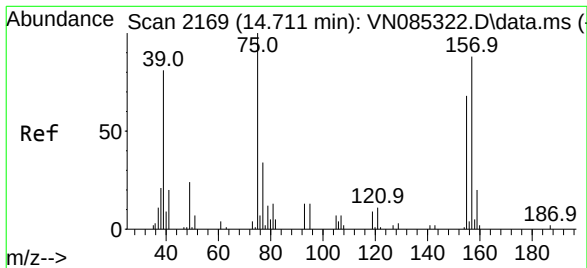
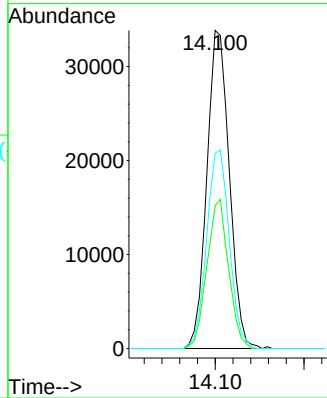
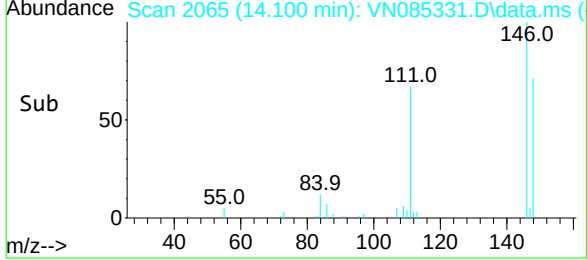
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



Tgt Ion:146 Resp: 59449
Ion Ratio Lower Upper
146 100
111 45.0 21.8 65.3
148 62.9 31.4 94.2

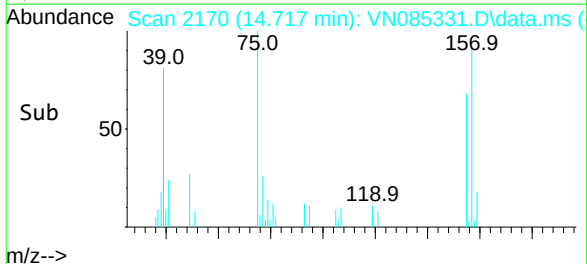
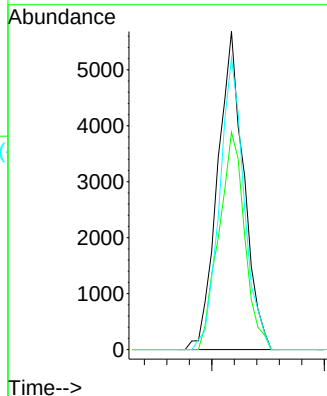
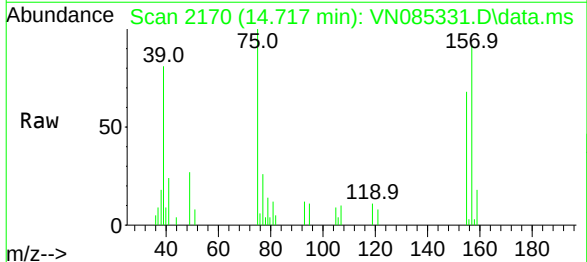
Manual Integrations
APPROVED

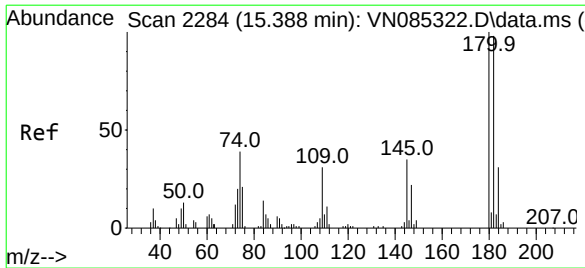
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.294 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 75 Resp: 9218
Ion Ratio Lower Upper
75 100
155 67.1 35.6 106.9
157 85.9 47.0 141.0





#93

1,2,4-Trichlorobenzene

Concen: 18.366 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

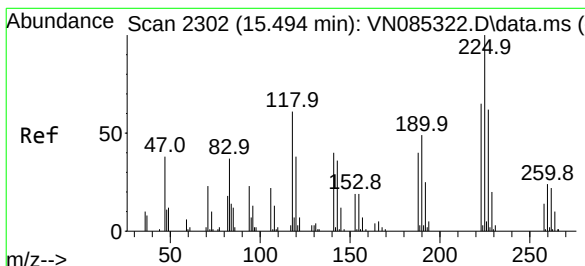
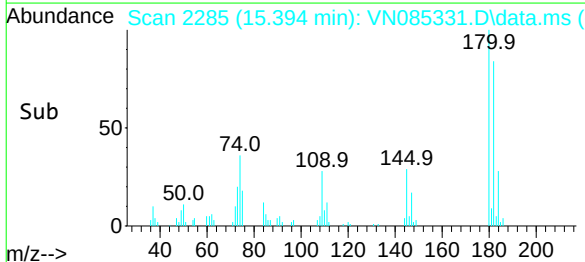
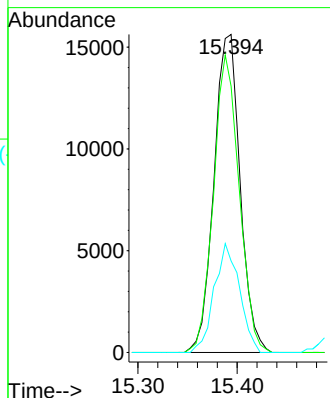
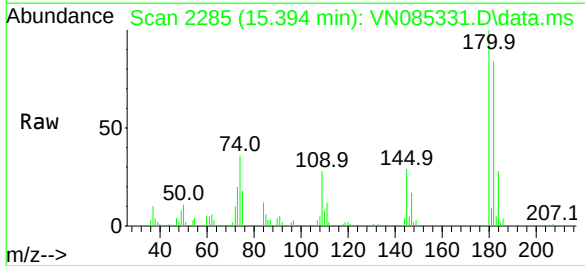
Tgt Ion:	180	Resp:	28607
Ion Ratio	Lower	Upper	
180	100		
182	92.0	47.2	141.6
145	33.1	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#94

Hexachlorobutadiene

Concen: 17.379 ug/l

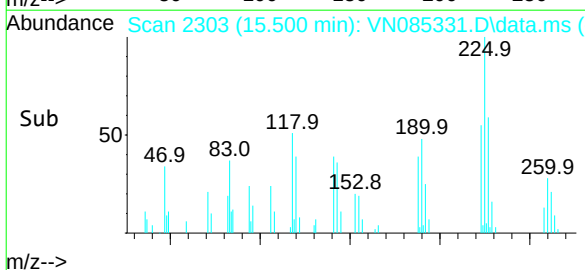
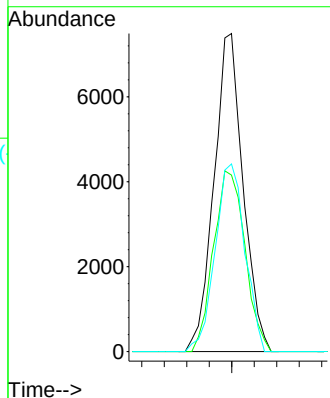
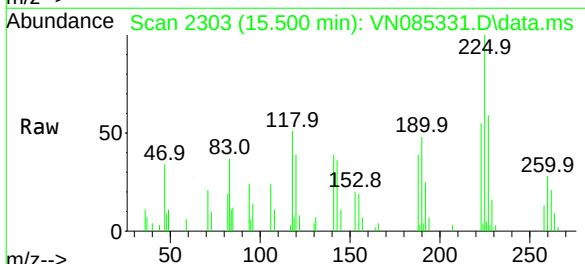
RT: 15.500 min Scan# 2303

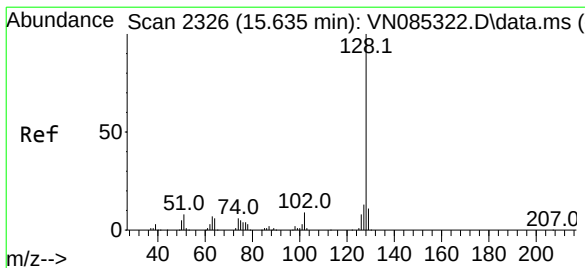
Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Tgt Ion:	225	Resp:	13450
Ion Ratio	Lower	Upper	
225	100		
223	61.3	31.6	94.7
227	60.3	30.3	91.0





#95

Naphthalene

Concen: 17.429 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

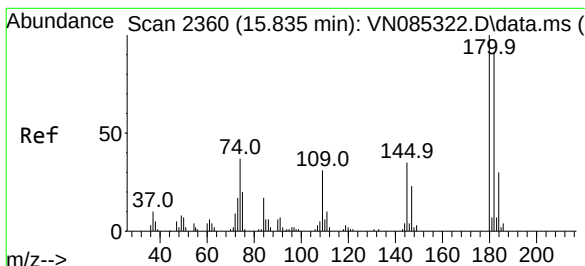
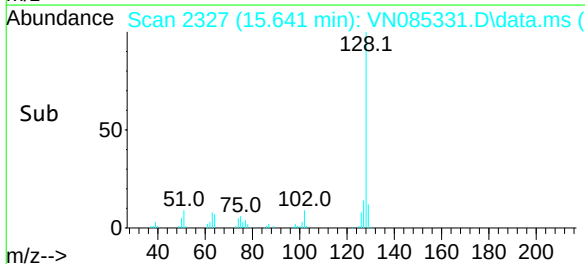
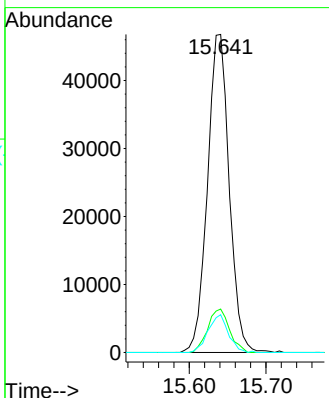
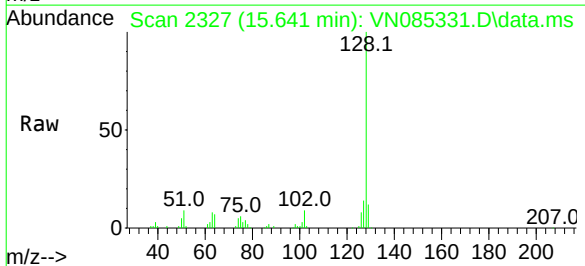
Tgt Ion:	128	Resp:	92054
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	16.0
129	11.1	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.641 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Tgt Ion:	180	Resp:	27454
Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.8	140.4
145	36.5	17.2	51.6

