

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
 Data File : VN085312.D
 Acq On : 26 Dec 2024 12:49
 Operator : JC\MD
 Sample : VN1226WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1226WBS01

Quant Time: Dec 27 00:42:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/27/2024
 Supervised By : Mahesh Dadoda 12/27/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	222802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98856	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	112080	44.121	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.240%
35) Dibromofluoromethane	8.165	113	84552	46.471	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.940%
50) Toluene-d8	10.565	98	330518	49.702	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.847	95	108209	45.558	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.120%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	40234	17.377	ug/l	97
3) Chloromethane	2.359	50	41643	18.870	ug/l	96
4) Vinyl Chloride	2.512	62	46377	22.429	ug/l	94
5) Bromomethane	2.965	94	29760	21.940	ug/l	99
6) Chloroethane	3.124	64	29648	22.906	ug/l	94
7) Trichlorofluoromethane	3.500	101	59525	17.827	ug/l	89
8) Diethyl Ether	3.953	74	20904	19.931	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	34242	19.120	ug/l	95
10) Methyl Iodide	4.595	142	39377	19.284	ug/l #	94
11) Tert butyl alcohol	5.512	59	23106	65.481	ug/l	99
12) 1,1-Dichloroethene	4.342	96	31967	19.270	ug/l	93
13) Acrolein	4.177	56	43683	107.497	ug/l	96
14) Allyl chloride	5.024	41	48332	16.824	ug/l	98
15) Acrylonitrile	5.712	53	76006	79.082	ug/l	99
16) Acetone	4.424	43	65981	75.247	ug/l	96
17) Carbon Disulfide	4.718	76	92870	16.405	ug/l	98
18) Methyl Acetate	5.024	43	38206	15.391	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	105615	18.575	ug/l	98
20) Methylene Chloride	5.271	84	36761	19.165	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	32937	18.009	ug/l	85
22) Diisopropyl ether	6.665	45	112818	18.408	ug/l #	97
23) Vinyl Acetate	6.600	43	403675	85.241	ug/l	98
24) 1,1-Dichloroethane	6.565	63	64518	18.173	ug/l	99
25) 2-Butanone	7.477	43	100283	74.681	ug/l	94
26) 2,2-Dichloropropane	7.488	77	58350	17.750	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	39691	18.639	ug/l	97
28) Bromochloromethane	7.806	49	38324	21.405	ug/l	97
29) Tetrahydrofuran	7.830	42	65960	76.201	ug/l	97
30) Chloroform	7.965	83	65941	17.393	ug/l	96
31) Cyclohexane	8.253	56	60213	18.321	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	60873	18.015	ug/l	94
36) 1,1-Dichloropropene	8.371	75	47264	18.656	ug/l	100
37) Ethyl Acetate	7.553	43	42963	14.699	ug/l	99
38) Carbon Tetrachloride	8.359	117	51343	16.762	ug/l	99
39) Methylcyclohexane	9.600	83	52404	19.878	ug/l	90
40) Benzene	8.600	78	145422	18.451	ug/l	97

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 Supervised By :Mahesh Dadoda 12/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	23272	15.624	ug/l	98
42) 1,2-Dichloroethane	8.671	62	50216	16.727	ug/l	97
43) Isopropyl Acetate	8.682	43	76621	14.335	ug/l	97
44) Trichloroethene	9.347	130	33968	19.358	ug/l	96
45) 1,2-Dichloropropane	9.618	63	36059	18.478	ug/l	98
46) Dibromomethane	9.706	93	25085	18.007	ug/l	97
47) Bromodichloromethane	9.882	83	53354	17.876	ug/l #	96
48) Methyl methacrylate	9.677	41	33274	15.186	ug/l	94
49) 1,4-Dioxane	9.688	88	10148	293.754	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	210852	75.078	ug/l	98
52) Toluene	10.624	92	89504	18.886	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	54107	18.598	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	57636	18.633	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	31688	17.857	ug/l	94
56) Ethyl methacrylate	10.871	69	48550	15.982	ug/l	99
57) 1,3-Dichloropropane	11.159	76	56604	18.124	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	126138	89.440	ug/l	100
59) 2-Hexanone	11.188	43	149924	74.889	ug/l	98
60) Dibromochloromethane	11.359	129	37192	17.685	ug/l	99
61) 1,2-Dibromoethane	11.465	107	30971	16.945	ug/l	99
64) Tetrachloroethene	11.100	164	29042	19.371	ug/l	93
65) Chlorobenzene	11.888	112	95678	19.104	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	32459	18.577	ug/l	98
67) Ethyl Benzene	11.959	91	165341	19.261	ug/l	100
68) m/p-Xylenes	12.070	106	125137	38.976	ug/l	96
69) o-Xylene	12.394	106	58250	19.302	ug/l	99
70) Styrene	12.406	104	96103	19.076	ug/l	98
71) Bromoform	12.576	173	22009	16.069	ug/l #	98
73) Isopropylbenzene	12.694	105	150755	21.140	ug/l	98
74) N-amyl acetate	12.488	43	60838	17.081	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	43742	17.216	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	35274m	14.969	ug/l	
77) Bromobenzene	12.976	156	34390	18.367	ug/l	98
78) n-propylbenzene	13.029	91	179119	20.481	ug/l	100
79) 2-Chlorotoluene	13.117	91	109223	19.670	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	124254	20.890	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	14190	15.990	ug/l	88
82) 4-Chlorotoluene	13.217	91	109685	19.520	ug/l	98
83) tert-Butylbenzene	13.435	119	105006	20.816	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	127091	20.903	ug/l	99
85) sec-Butylbenzene	13.612	105	147081	20.914	ug/l	97
86) p-Isopropyltoluene	13.723	119	123538	19.394	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	63958	18.549	ug/l	97
88) 1,4-Dichlorobenzene	13.806	146	63301	17.743	ug/l	96
89) n-Butylbenzene	14.053	91	106521	20.596	ug/l	100
90) Hexachloroethane	14.329	117	23248	17.995	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	62341	19.439	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	7455	15.300	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	30275	18.442	ug/l	99
94) Hexachlorobutadiene	15.494	225	14534	17.034	ug/l	95
95) Naphthalene	15.635	128	92556	17.025	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	29283	17.858	ug/l	98

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ClientSampleId :
VN1226WBS01

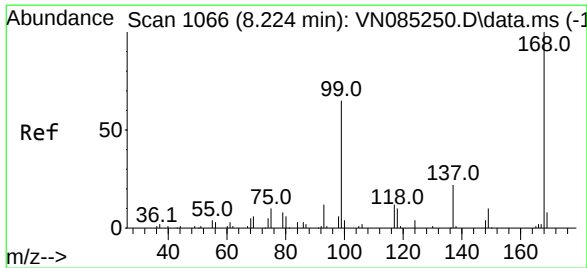
Manual Integrations
APPROVED

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Quant Time: Dec 27 00:42:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

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

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



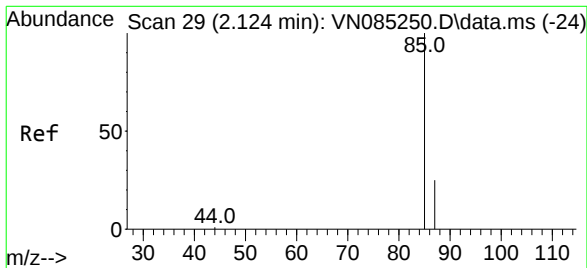
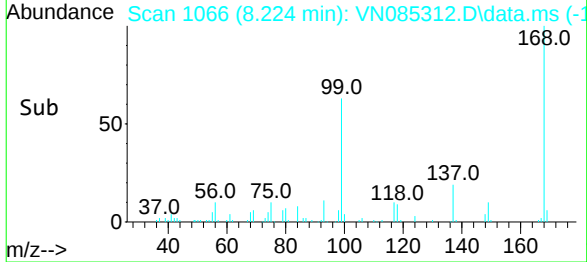
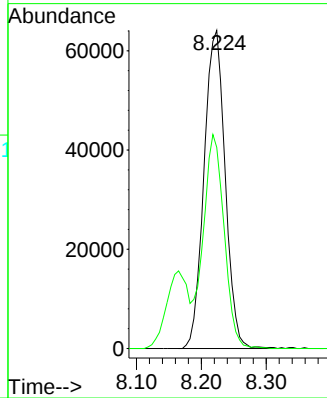
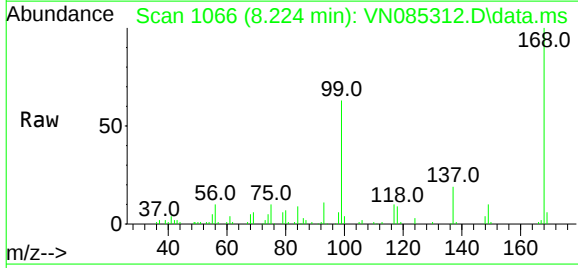
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01

Tgt Ion: 168 Resp: 145338
Ion Ratio Lower Upper
168 100
99 63.2 50.7 76.1

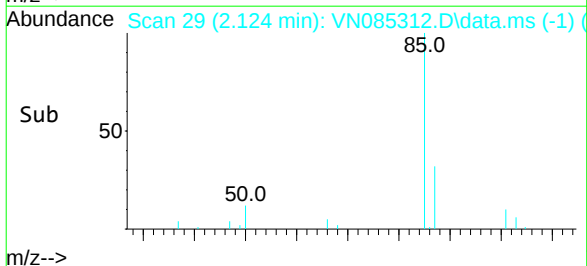
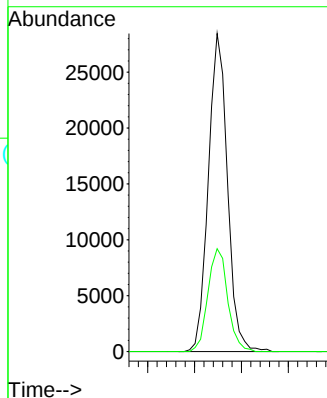
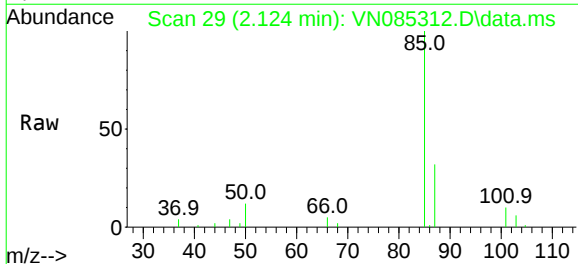
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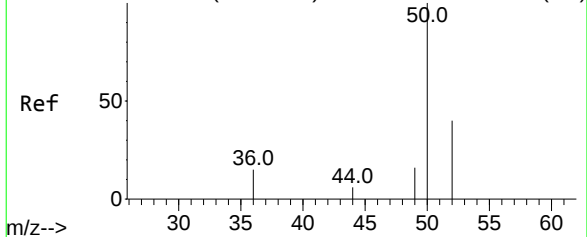


#2
Dichlorodifluoromethane
Concen: 17.377 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Tgt Ion: 85 Resp: 40234
Ion Ratio Lower Upper
85 100
87 32.3 17.1 51.3



Abundance Scan 69 (2.359 min): VN085250.D\data.ms (-65)



#3

Chloromethane

Concen: 18.870 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBS01

Tgt Ion: 50 Resp: 41643

Ion Ratio Lower Upper

50 100

52 34.7 26.2 39.2

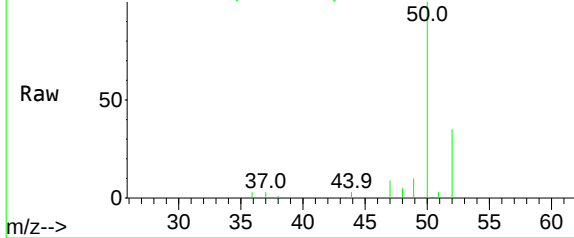
Manual Integrations

APPROVED

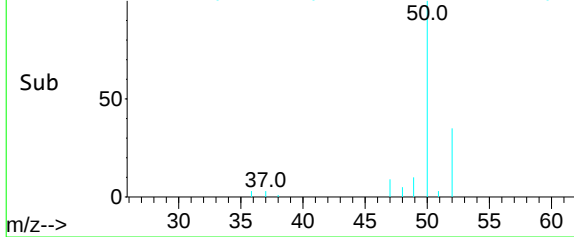
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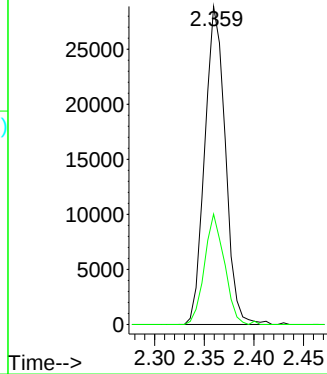
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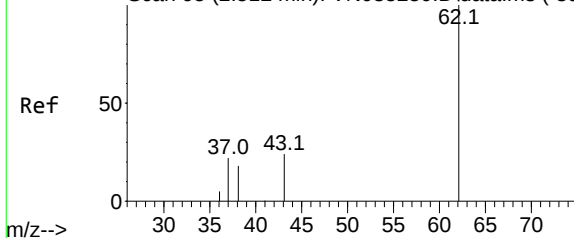
Abundance Scan 69 (2.359 min): VN085312.D\data.ms (-18)



Abundance



Abundance Scan 95 (2.512 min): VN085250.D\data.ms (-89)



#4

Vinyl Chloride

Concen: 22.429 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

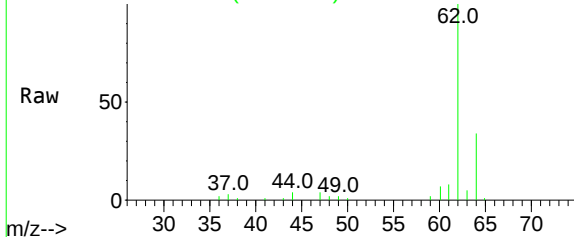
Tgt Ion: 62 Resp: 46377

Ion Ratio Lower Upper

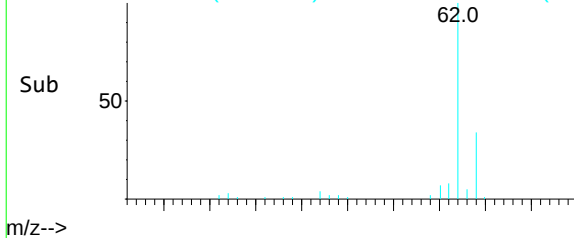
62 100

64 34.0 24.5 36.7

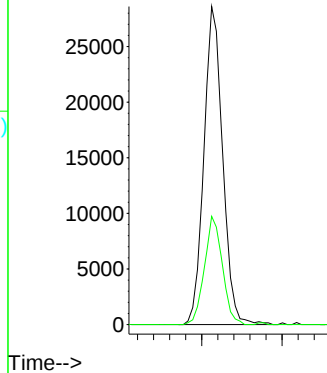
Abundance Scan 95 (2.512 min): VN085312.D\data.ms

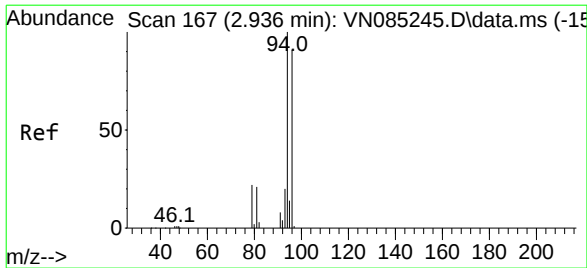


Abundance Scan 95 (2.512 min): VN085312.D\data.ms (-44)



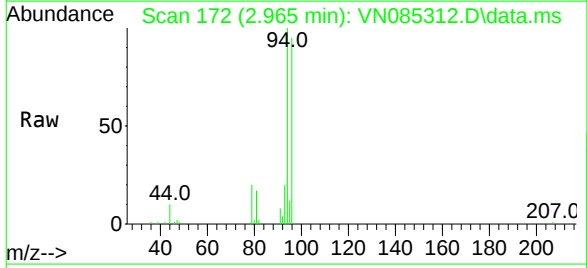
Abundance





#5
Bromomethane
Concen: 21.940 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.018 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

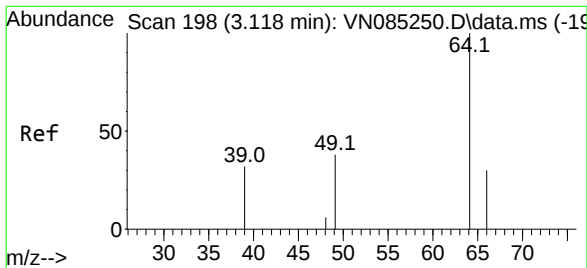
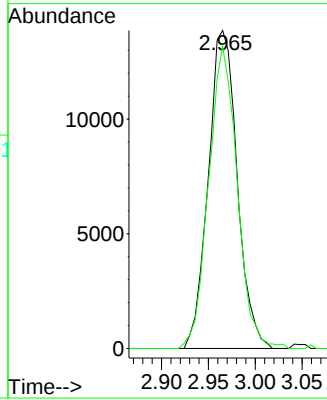
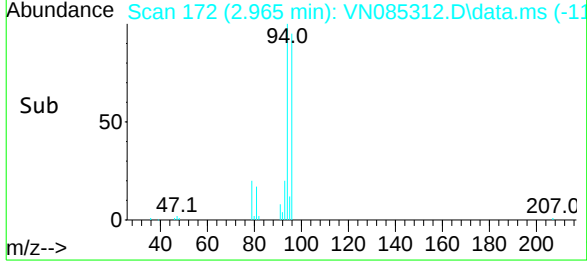
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 29760
Ion Ratio Lower Upper
94 100
96 94.9 76.8 115.2

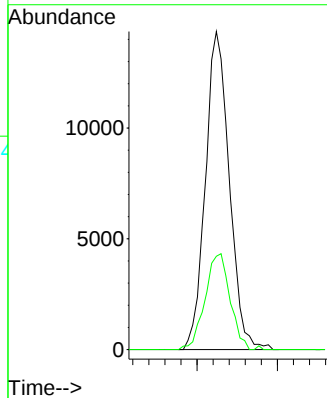
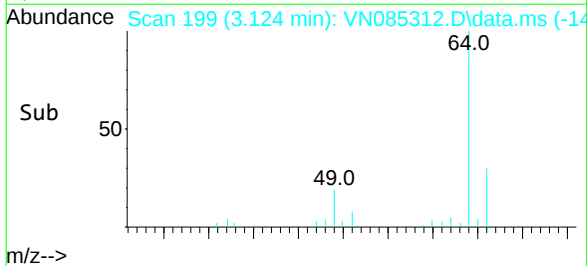
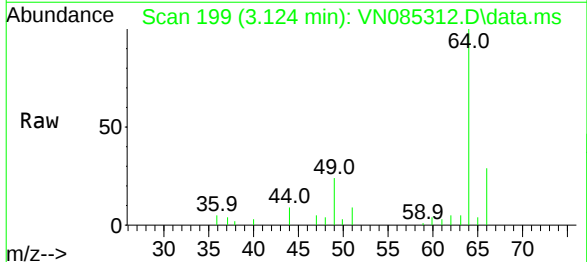
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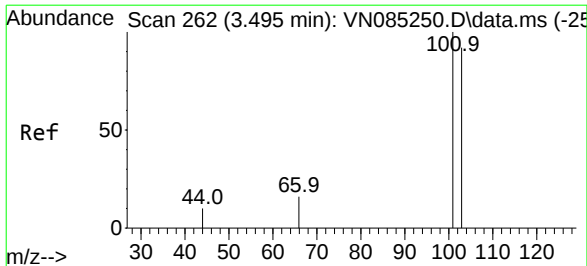
Reviewed By :John Carlone 12/27/2024
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#6
Chloroethane
Concen: 22.906 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

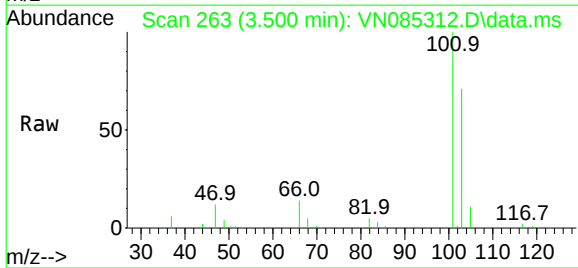
Tgt Ion: 64 Resp: 29648
Ion Ratio Lower Upper
64 100
66 29.3 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 17.827 ug/l
 RT: 3.500 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN085312.D
 Acq: 26 Dec 2024 12:49

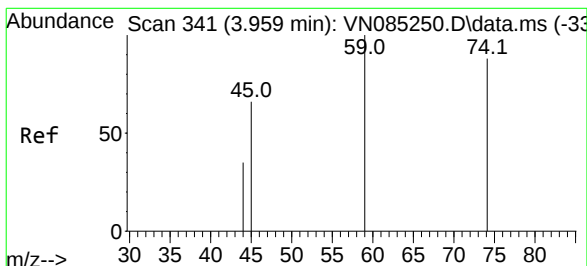
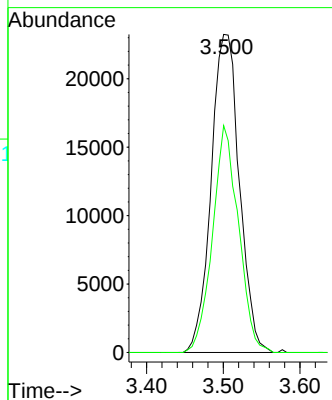
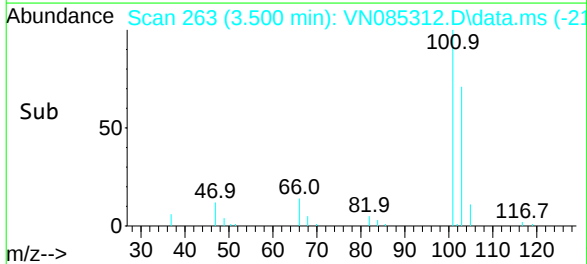
Instrument :
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 ClientSampleId :
 VN1226WBS01



Tgt Ion: 101 Resp: 59525
 Ion Ratio Lower Upper
 101 100
 103 71.3 50.2 75.4

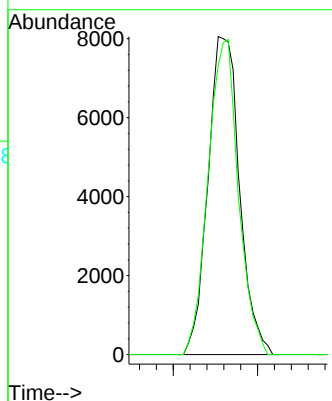
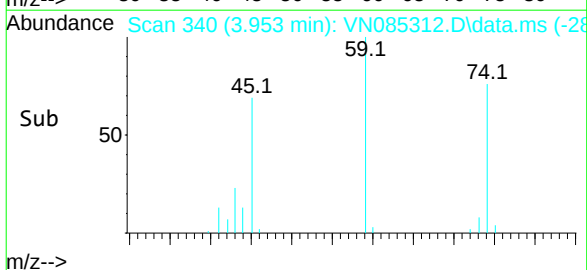
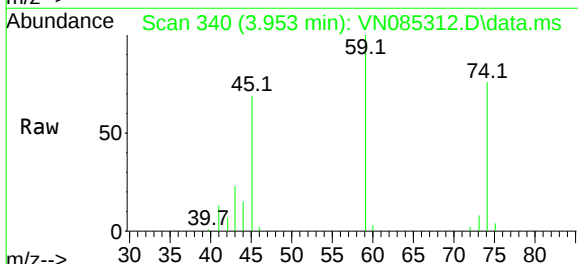
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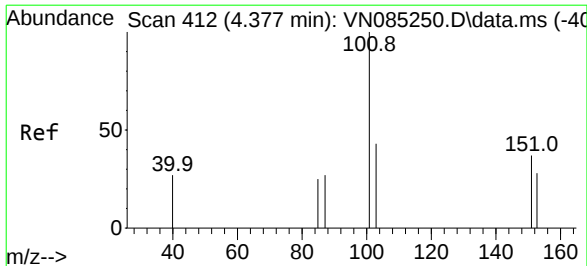
Reviewed By : John Carlone 12/27/2024
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#8
 Diethyl Ether
 Concen: 19.931 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
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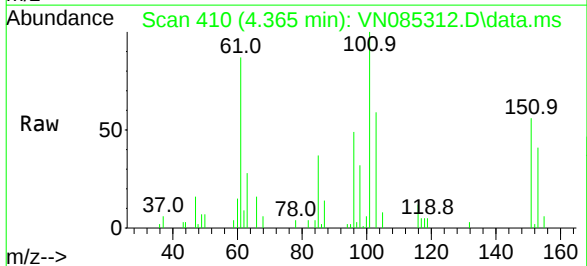
Tgt Ion: 74 Resp: 20904
 Ion Ratio Lower Upper
 74 100
 45 95.3 50.0 150.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.120 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

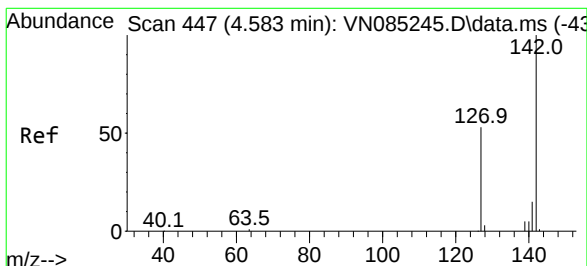
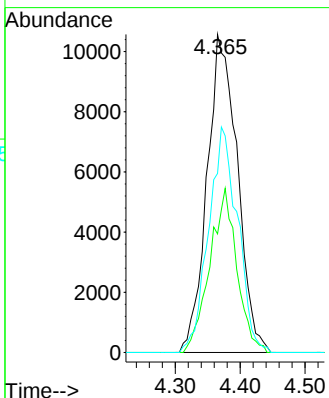
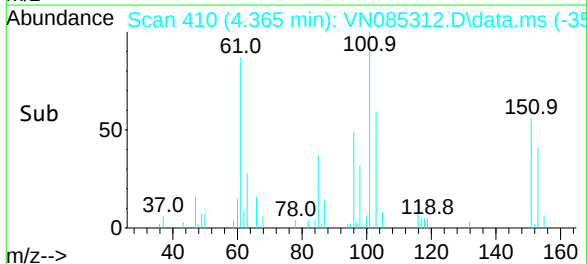
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01



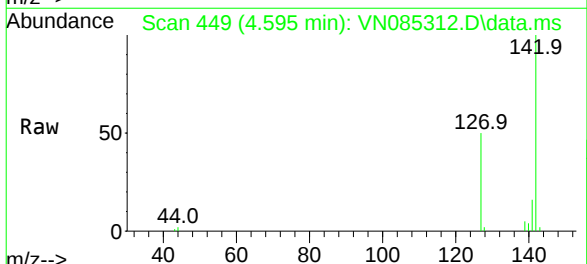
Tgt Ion:101 Resp: 34242
Ion Ratio Lower Upper
101 100
85 46.2 39.0 58.4
151 68.3 58.6 87.8

Manual Integrations
APPROVED

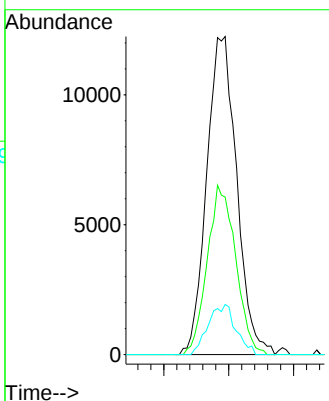
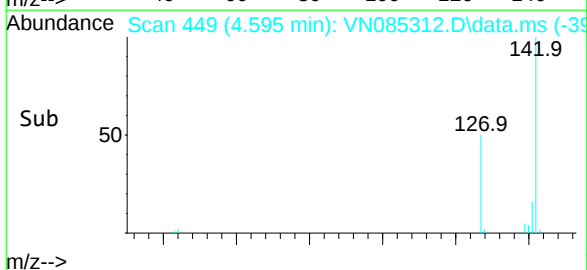
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

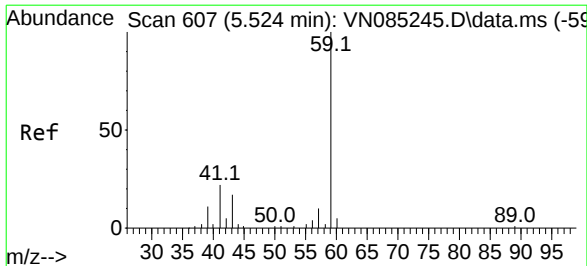


#10
Methyl Iodide
Concen: 19.284 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.005 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49



Tgt Ion:142 Resp: 39377
Ion Ratio Lower Upper
142 100
127 49.5 42.5 63.7
141 15.8 10.2 15.4#





#11

Tert butyl alcohol

Concen: 65.481 ug/l

RT: 5.512 min Scan# 607

Delta R.T. -0.006 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBS01

Tgt Ion: 59 Resp: 23106

Ion Ratio Lower Upper

59 100

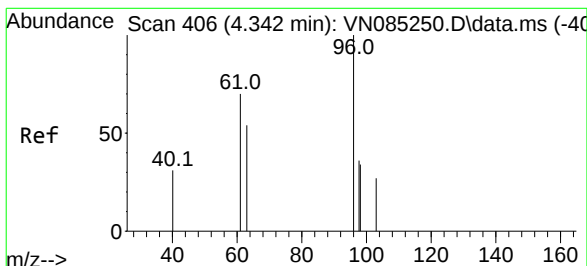
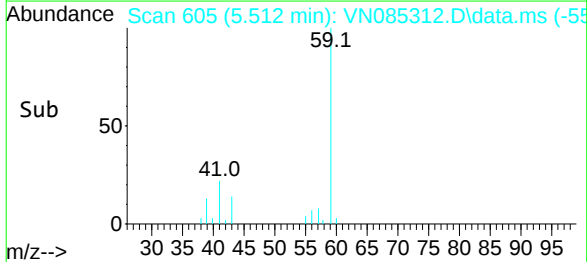
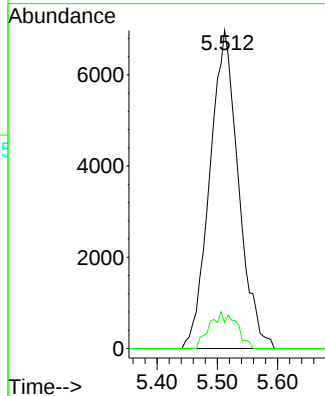
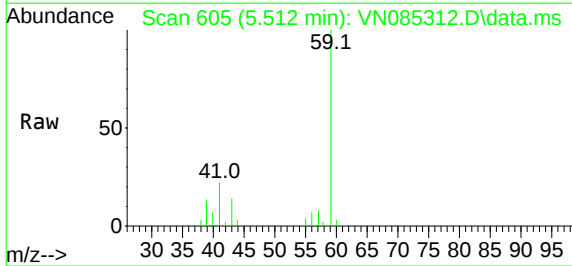
57 10.7 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#12

1,1-Dichloroethene

Concen: 19.270 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.006 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

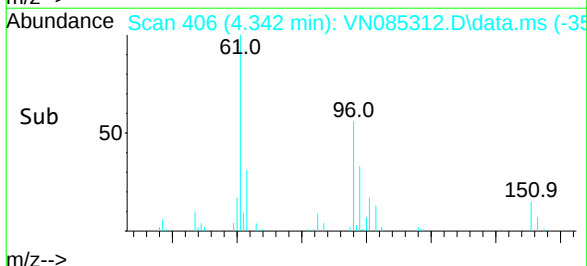
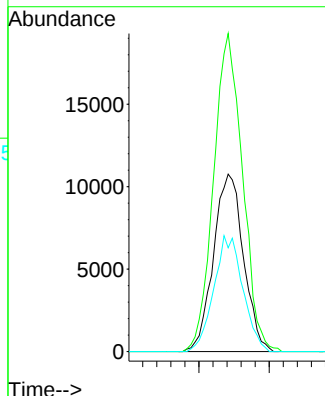
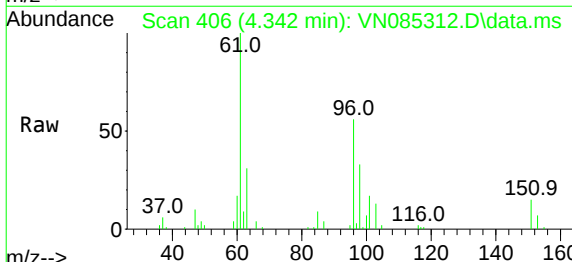
Tgt Ion: 96 Resp: 31967

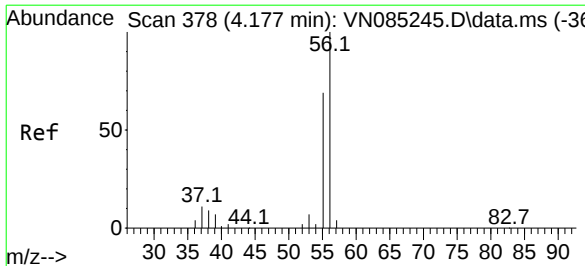
Ion Ratio Lower Upper

96 100

61 179.2 151.6 227.4

98 58.5 51.9 77.9





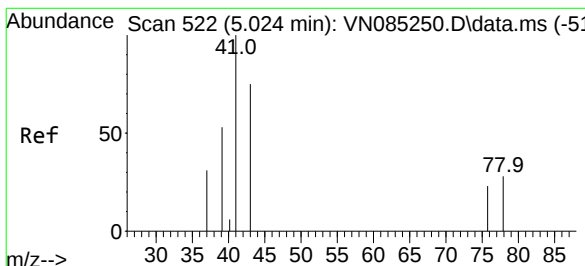
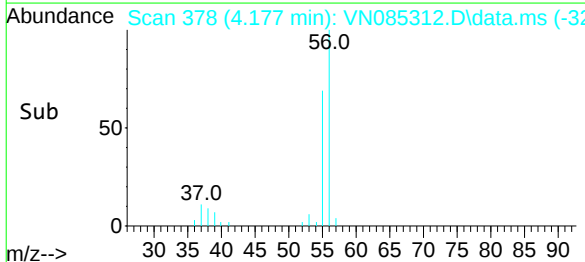
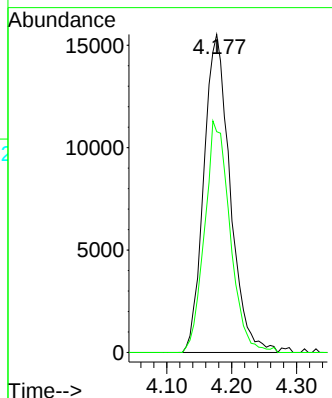
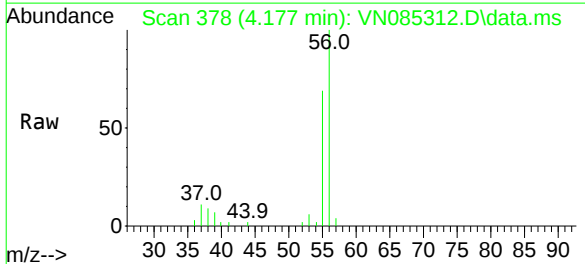
#13
Acrolein
Concen: 107.497 ug/l
RT: 4.177 min Scan# 37
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01

Tgt Ion: 56 Resp: 43683
Ion Ratio Lower Upper
56 100
55 70.7 59.0 88.6

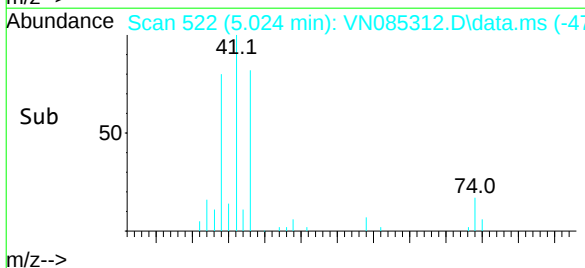
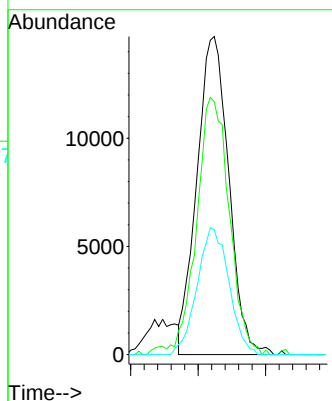
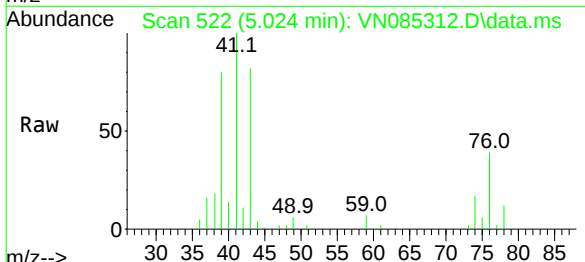
Manual Integrations
APPROVED

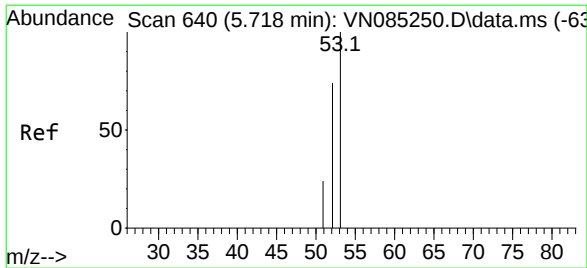
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#14
Allyl chloride
Concen: 16.824 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Tgt Ion: 41 Resp: 48332
Ion Ratio Lower Upper
41 100
39 82.2 66.7 100.1
76 39.7 29.4 44.2





#15

Acrylonitrile

Concen: 79.082 ug/l

RT: 5.712 min Scan# 63

Delta R.T. -0.000 min

Lab File: VN085312.D

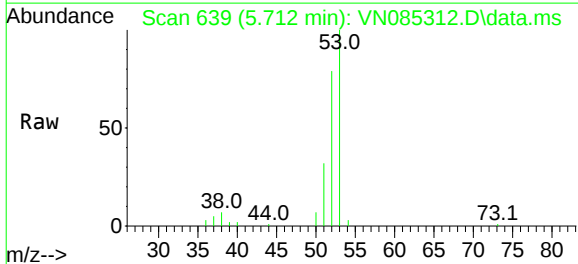
Acq: 26 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBS01



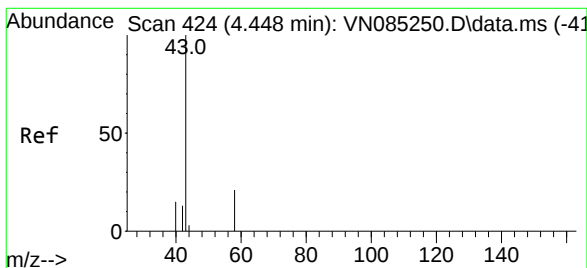
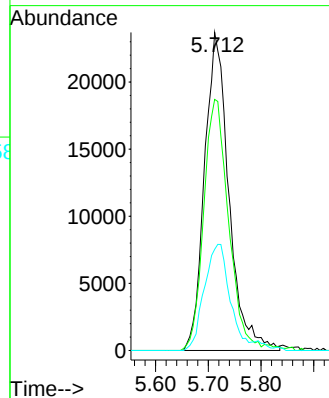
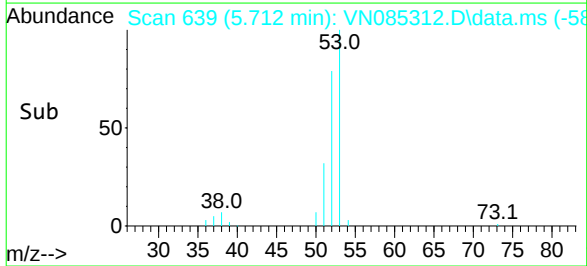
Tgt Ion:	53	Resp:	76006
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.3	99.5
51	35.1	28.2	42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#16

Acetone

Concen: 75.247 ug/l

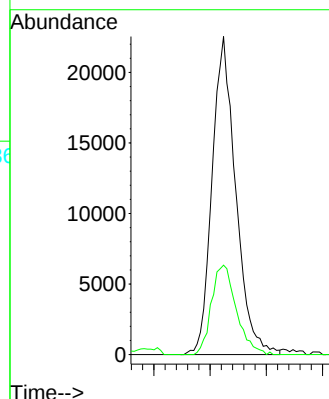
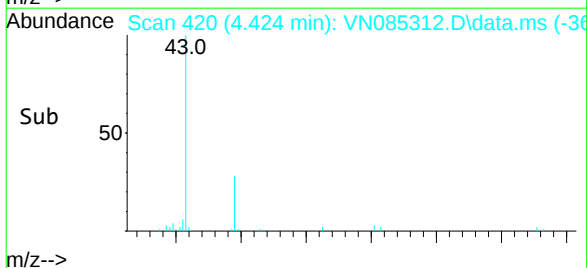
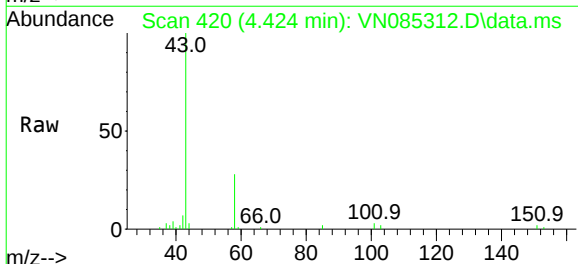
RT: 4.424 min Scan# 420

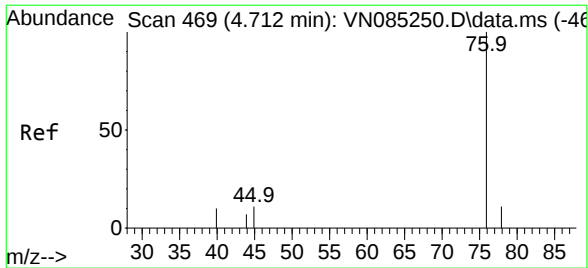
Delta R.T. -0.000 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

Tgt Ion:	43	Resp:	65981
Ion	Ratio	Lower	Upper
43	100		
58	28.1	20.8	31.2





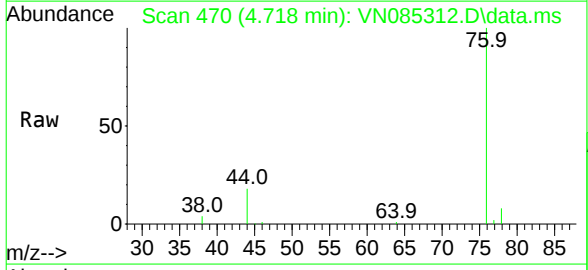
#17
Carbon Disulfide
Concen: 16.405 ug/l
RT: 4.718 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

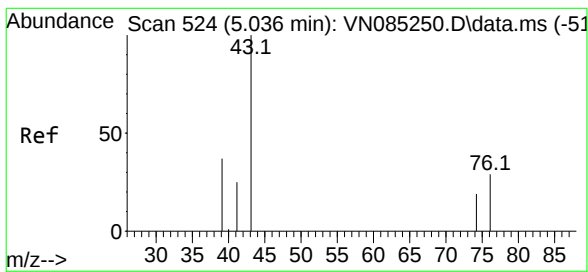
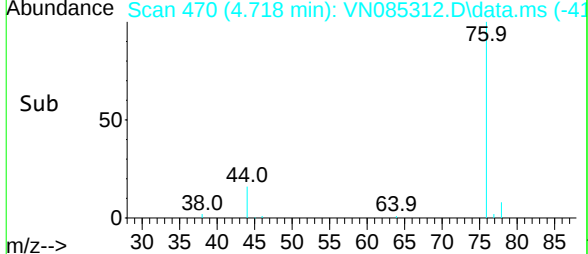
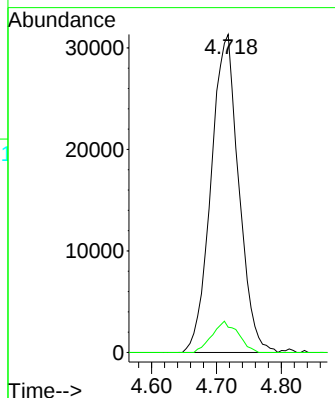
VN1226WBS01



Tgt Ion: 76 Resp: 92876
Ion Ratio Lower Upper
76 100
78 7.9 6.8 10.2

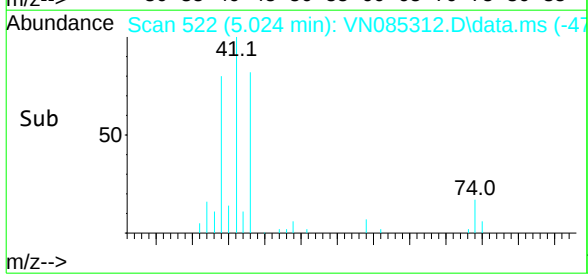
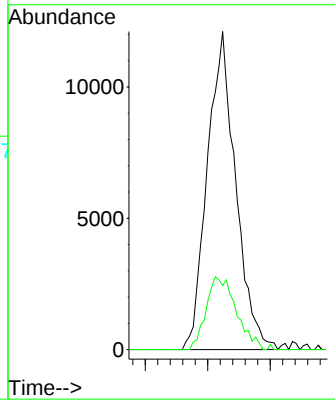
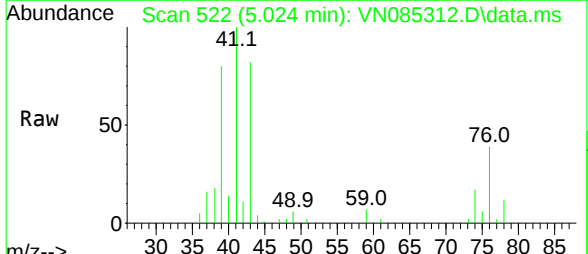
Manual Integrations
APPROVED

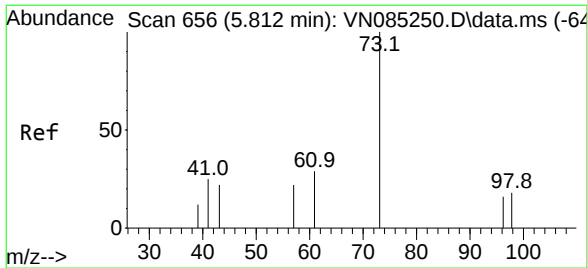
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#18
Methyl Acetate
Concen: 15.391 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Tgt Ion: 43 Resp: 38206
Ion Ratio Lower Upper
43 100
74 24.2 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 18.575 ug/l

RT: 5.794 min Scan# 65

Delta R.T. -0.000 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBS01

Tgt Ion: 73 Resp: 105615

Ion Ratio Lower Upper

73 100

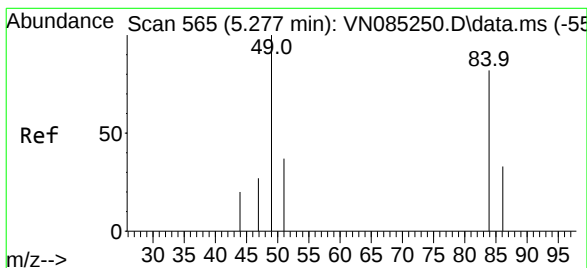
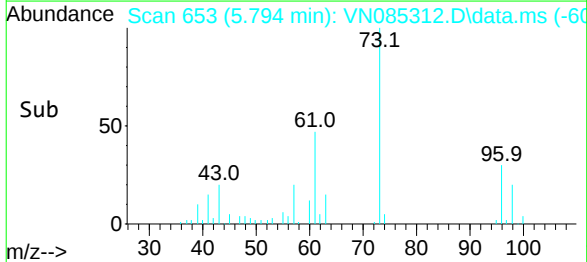
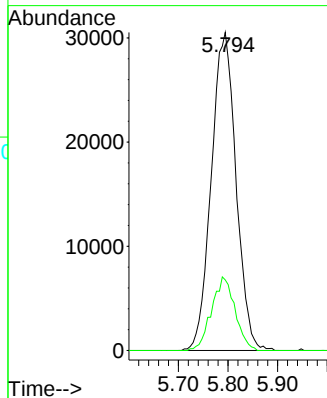
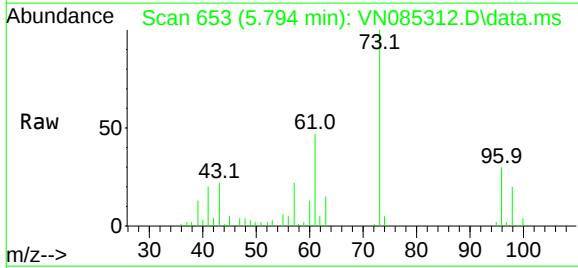
57 22.2 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#20

Methylene Chloride

Concen: 19.165 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

Tgt Ion: 84 Resp: 36761

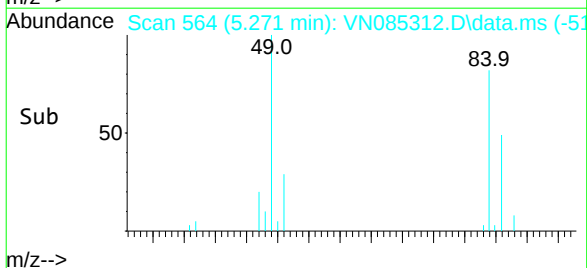
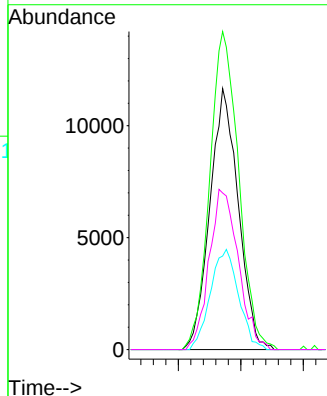
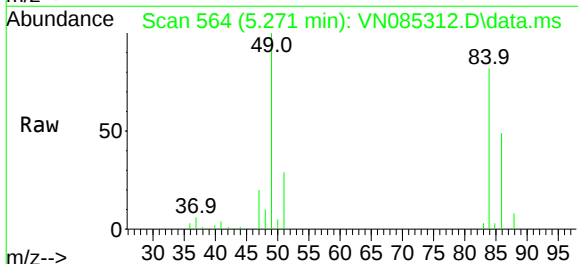
Ion Ratio Lower Upper

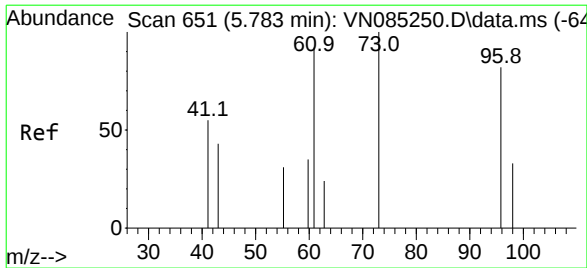
84 100

49 121.8 103.6 155.4

51 35.8 34.2 51.2

86 60.0 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 18.009 ug/l

RT: 5.789 min Scan# 651

Delta R.T. 0.012 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBS01

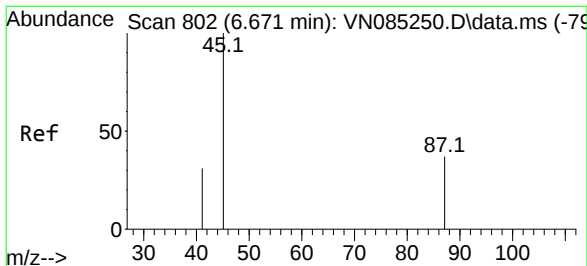
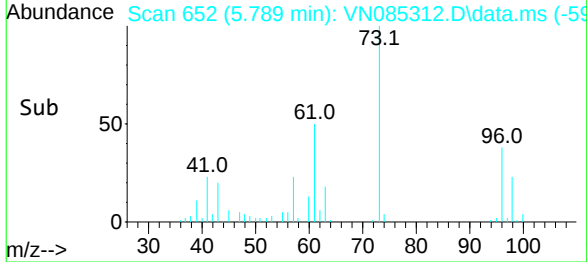
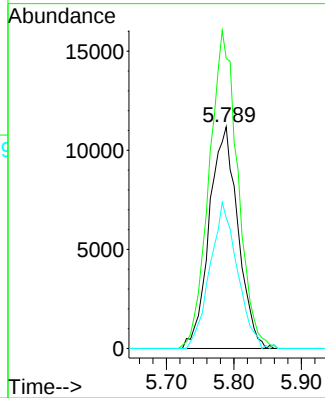
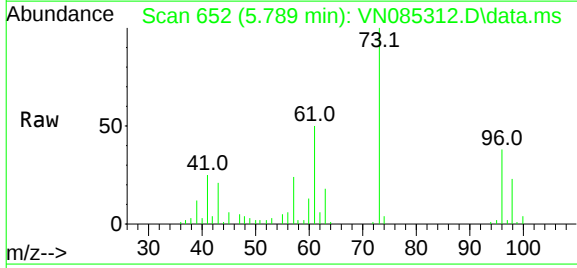
Tgt Ion:	96	Resp:	32937
Ion	Ratio	Lower	Upper
96	100		
61	130.9	122.0	183.0
98	59.0	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#22

Diisopropyl ether

Concen: 18.408 ug/l

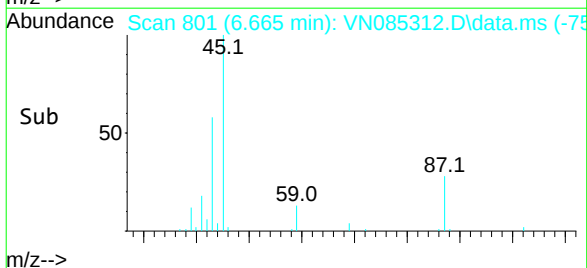
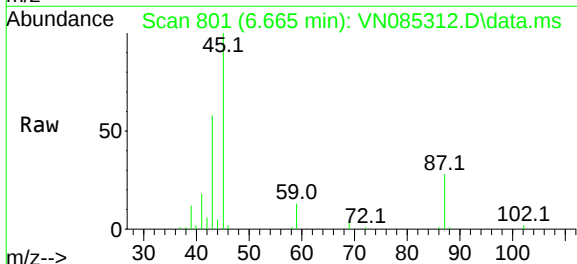
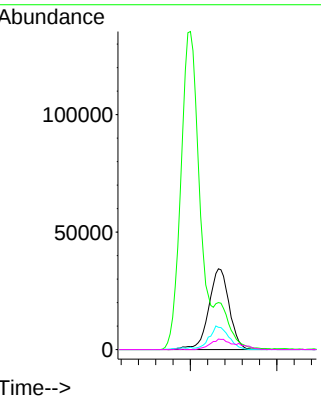
RT: 6.665 min Scan# 801

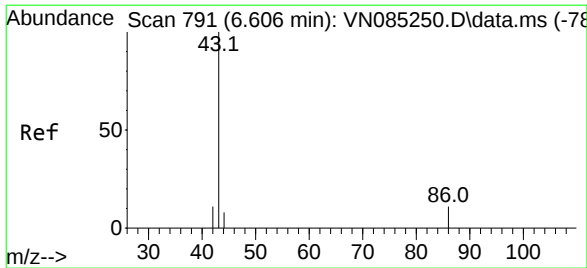
Delta R.T. -0.006 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

Tgt Ion:	45	Resp:	112818
Ion	Ratio	Lower	Upper
45	100		
43	57.0	43.8	65.6
87	27.6	21.2	31.8
59	13.0	8.6	13.0





#23

Vinyl Acetate

Concen: 85.241 ug/l

RT: 6.600 min Scan# 791

Delta R.T. -0.000 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBS01

Tgt Ion: 43 Resp: 403675

Ion Ratio Lower Upper

43 100

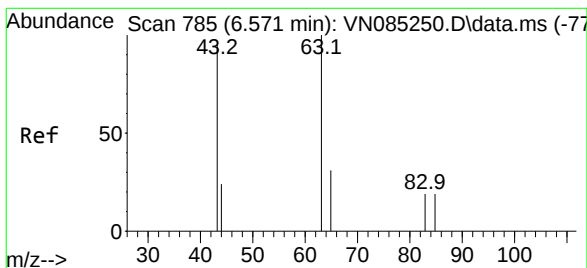
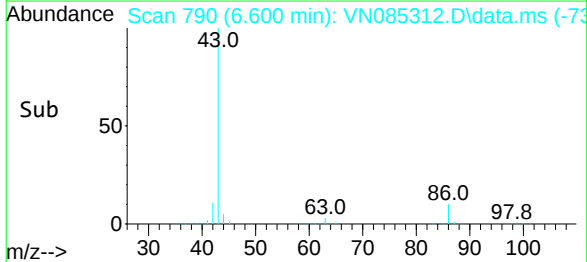
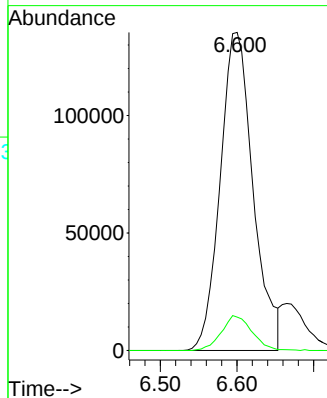
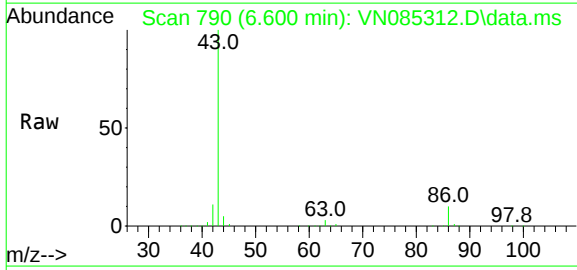
86 10.5 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#24

1,1-Dichloroethane

Concen: 18.173 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

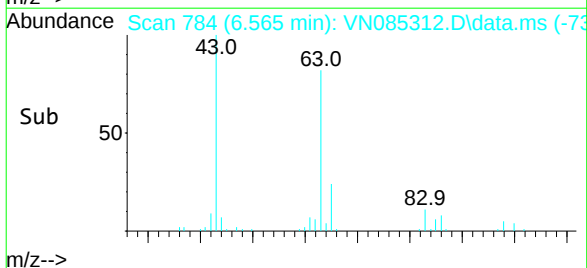
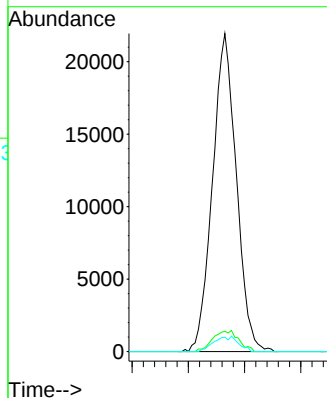
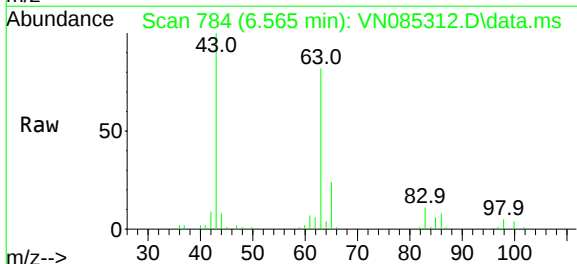
Tgt Ion: 63 Resp: 64518

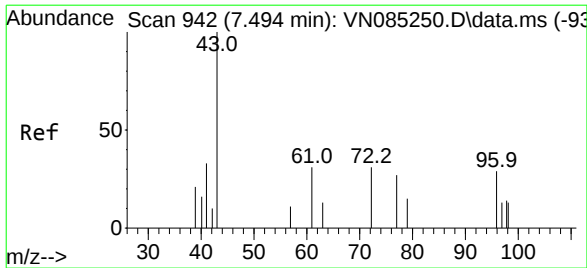
Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.6

100 4.5 2.1 6.5





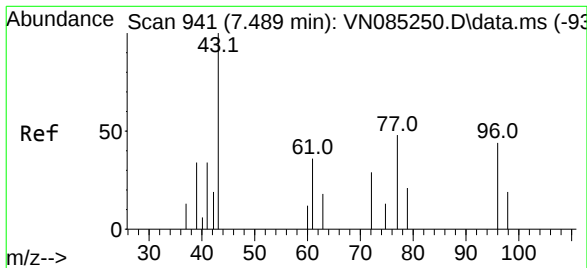
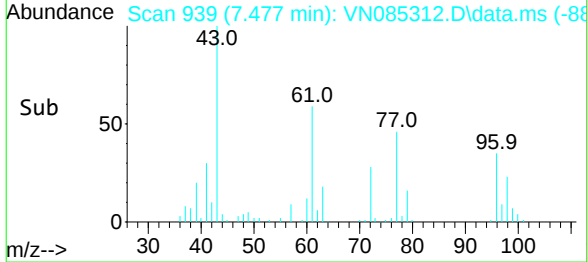
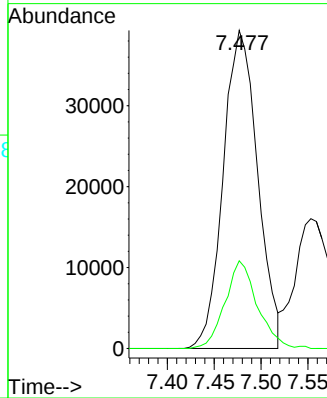
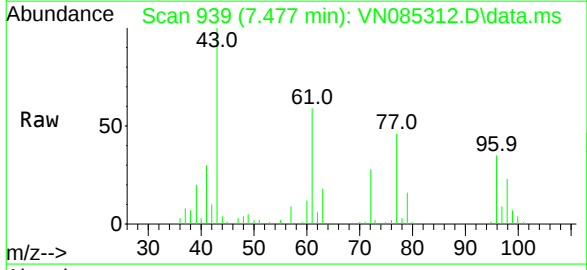
#25
2-Butanone
Concen: 74.681 ug/l
RT: 7.477 min Scan# 93
Delta R.T. -0.006 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01

Tgt Ion: 43 Resp: 100283
Ion Ratio Lower Upper
43 100
72 27.6 19.6 29.4

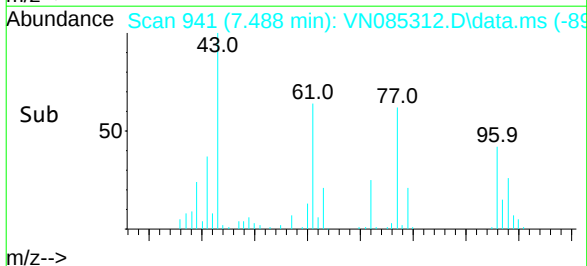
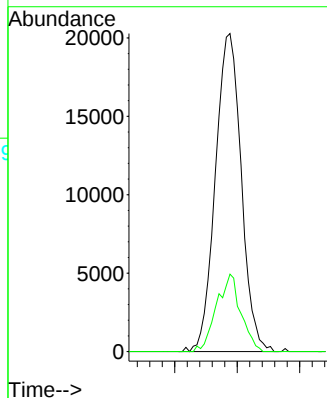
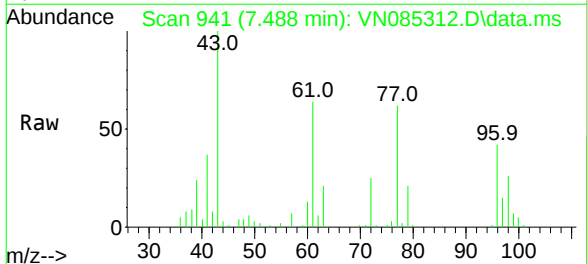
Manual Integrations
APPROVED

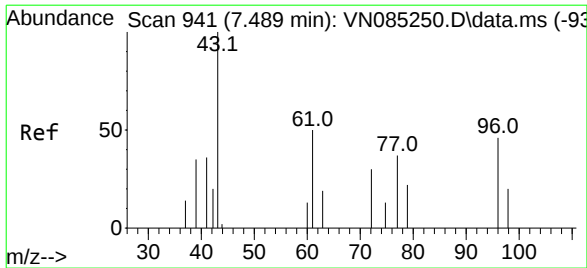
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#26
2,2-Dichloropropane
Concen: 17.750 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

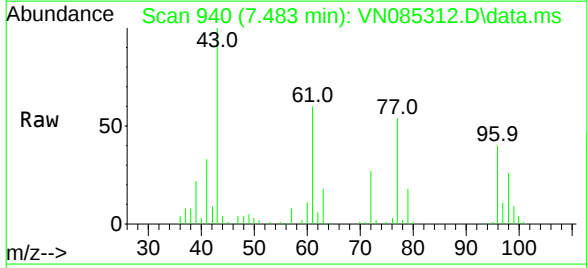
Tgt Ion: 77 Resp: 58350
Ion Ratio Lower Upper
77 100
97 22.8 10.5 31.6





#27
cis-1,2-Dichloroethene
Concen: 18.639 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

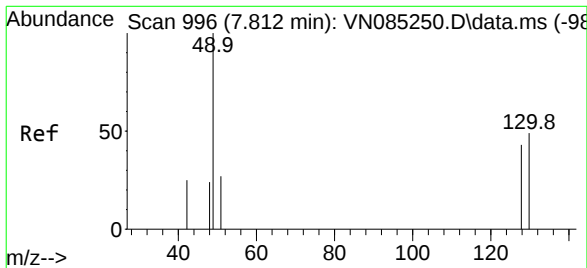
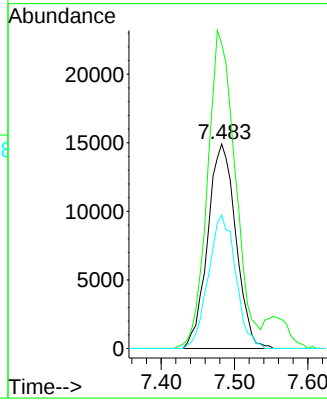
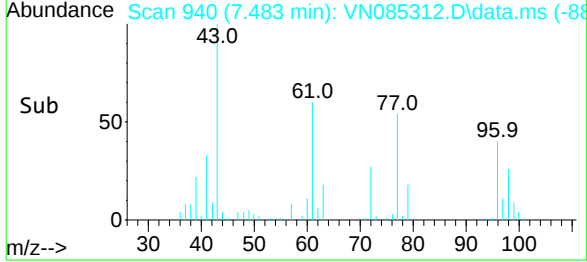
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01



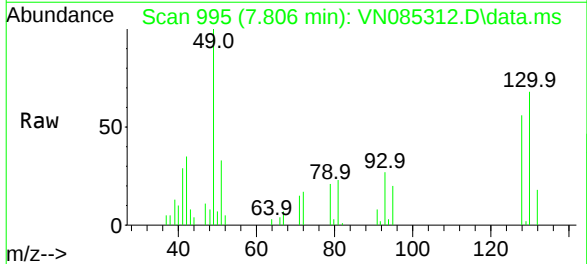
Tgt Ion: 96 Resp: 39691
Ion Ratio Lower Upper
96 100
61 153.7 0.0 316.4
98 63.5 0.0 125.4

Manual Integrations
APPROVED

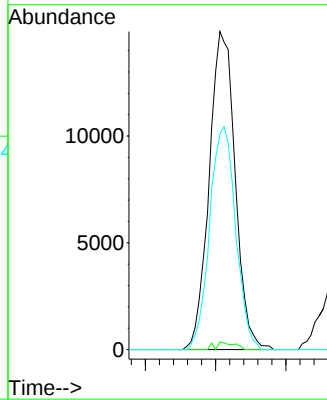
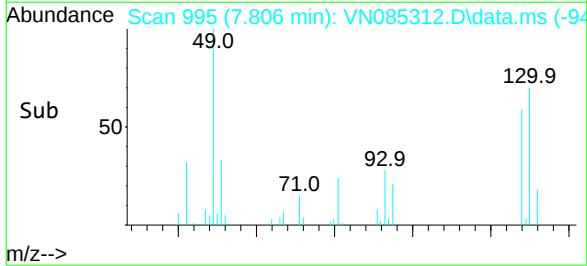
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

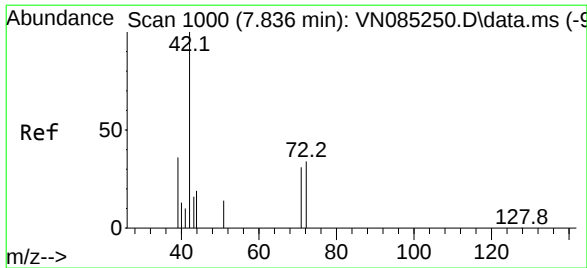


#28
Bromochloromethane
Concen: 21.405 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.006 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49



Tgt Ion: 49 Resp: 38324
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 70.1 54.1 81.1





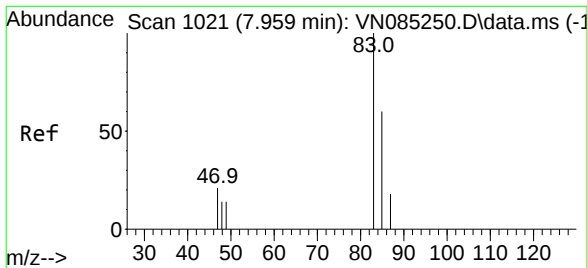
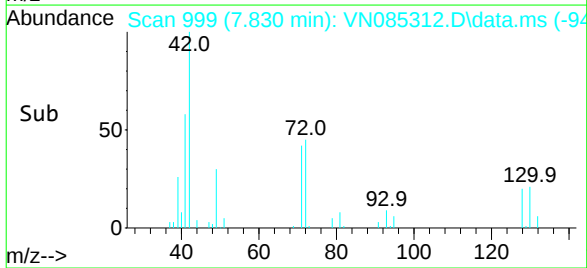
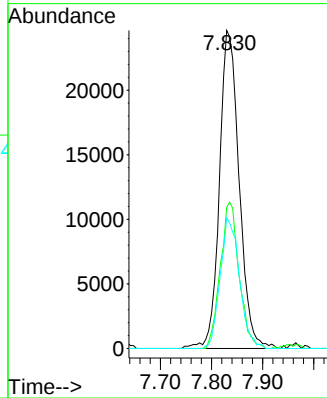
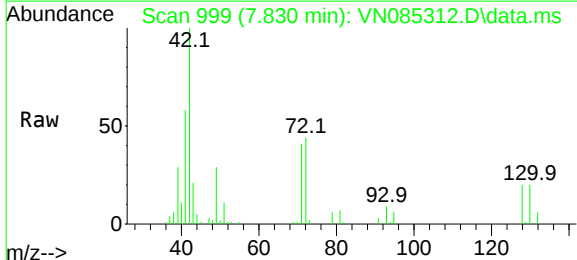
#29
Tetrahydrofuran
Concen: 76.201 ug/l
RT: 7.830 min Scan# 999
Delta R.T. -0.006 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01

Tgt Ion: 42 Resp: 65960
Ion Ratio Lower Upper
42 100
72 43.8 32.7 49.1
71 40.2 31.4 47.2

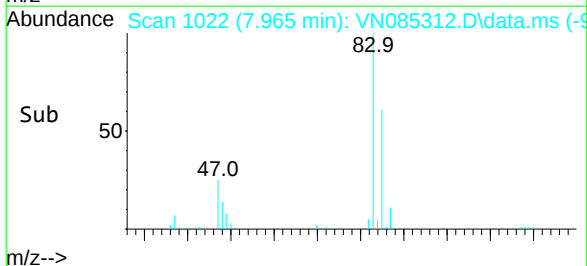
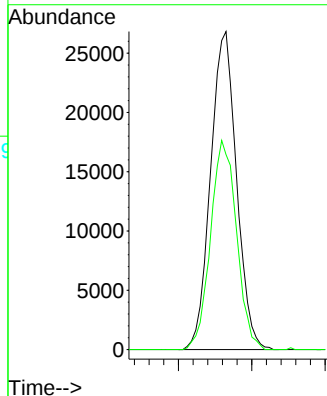
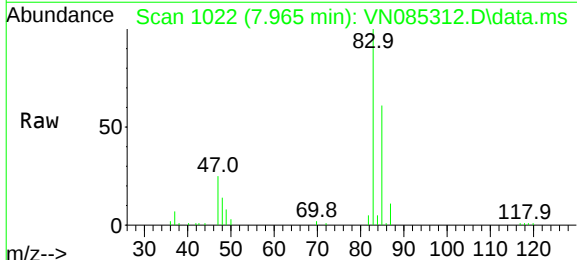
Manual Integrations
APPROVED

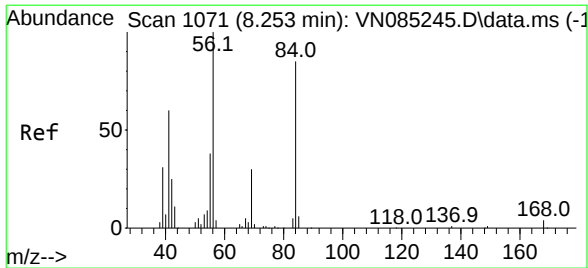
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#30
Chloroform
Concen: 17.393 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Tgt Ion: 83 Resp: 65941
Ion Ratio Lower Upper
83 100
85 61.3 51.4 77.0





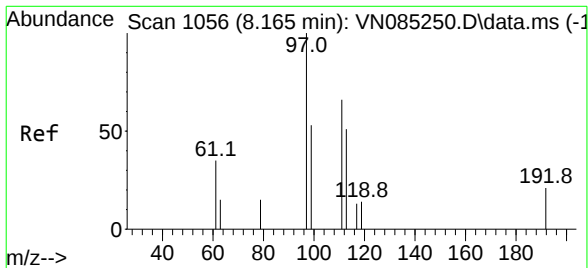
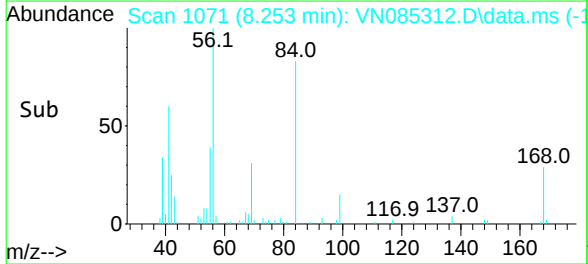
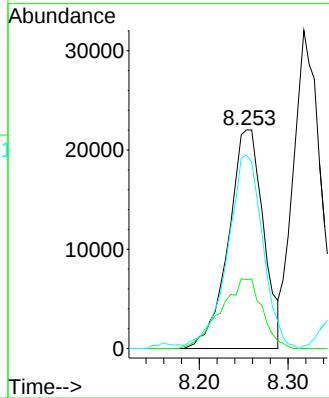
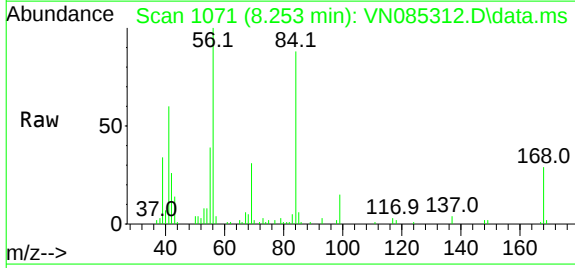
#31
Cyclohexane
Concen: 18.321 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01

Tgt Ion	56	69	84
Ratio	100	31.5	86.8
Lower		23.6	66.6
Upper		35.4	99.8

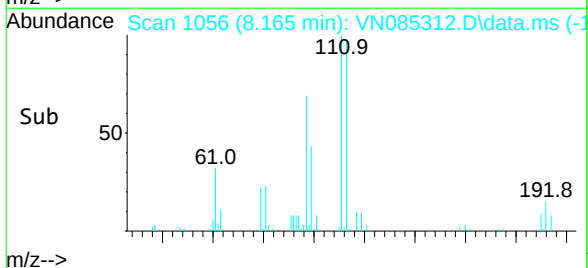
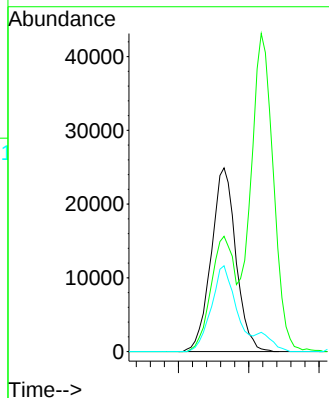
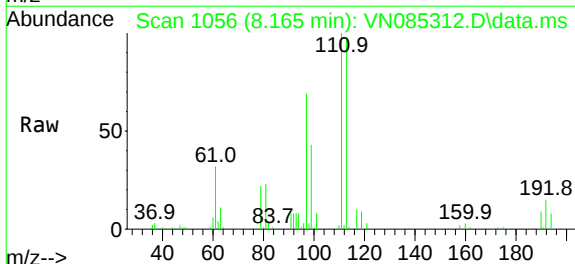
Manual Integrations
APPROVED

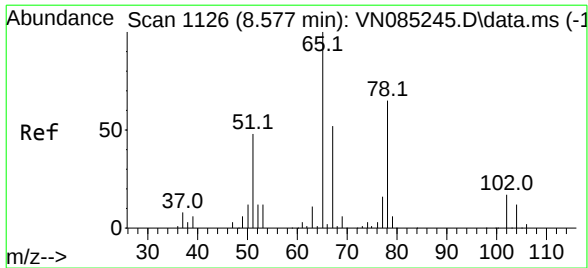
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#32
1,1,1-Trichloroethane
Concen: 18.015 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Tgt Ion	97	99	61
Ratio	100	58.6	47.2
Lower		51.4	40.4
Upper		77.0	60.6





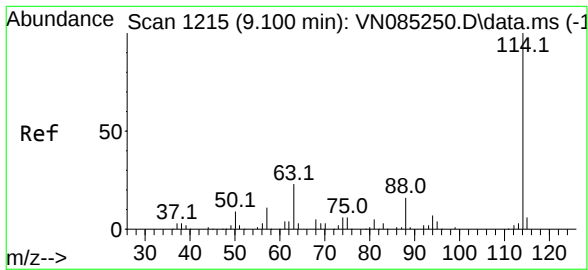
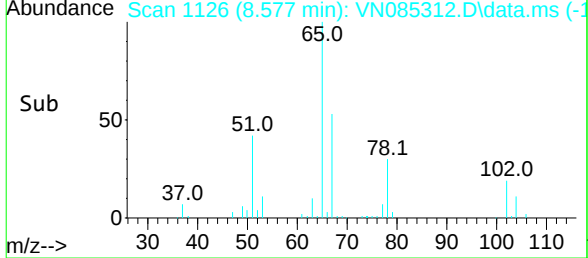
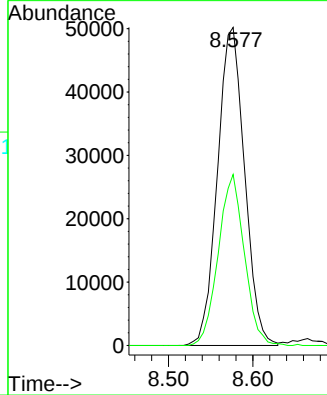
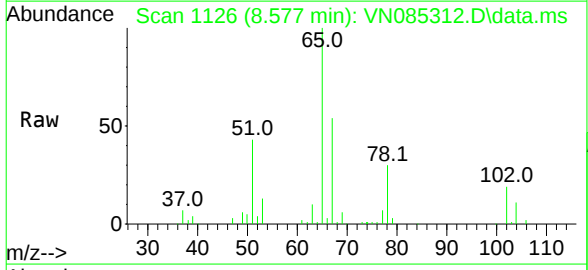
#33
1,2-Dichloroethane-d4
Concen: 44.121 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01

Tgt Ion: 65 Resp: 112080
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.2

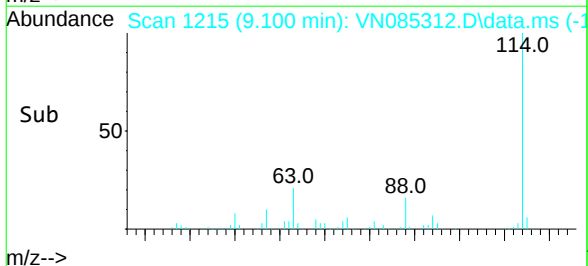
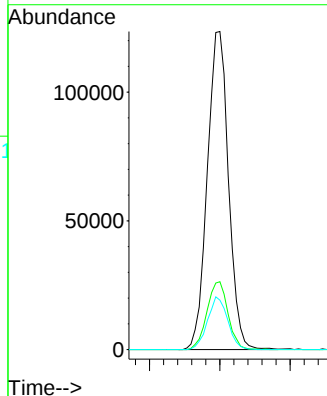
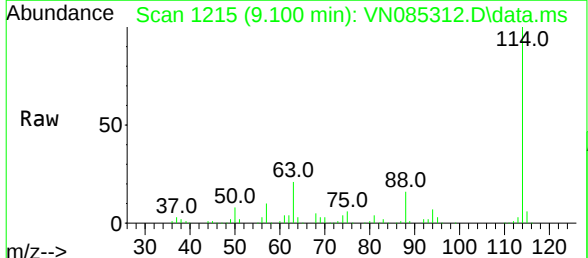
Manual Integrations
APPROVED

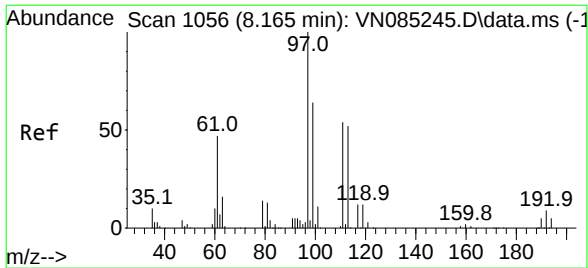
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

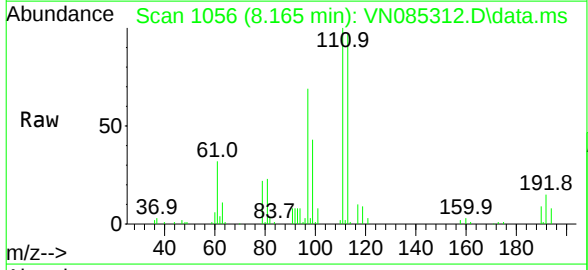
Tgt Ion:114 Resp: 258792
Ion Ratio Lower Upper
114 100
63 21.3 0.0 46.2
88 15.5 0.0 32.6





#35
 Dibromofluoromethane
 Concen: 46.471 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN085312.D
 Acq: 26 Dec 2024 12:49

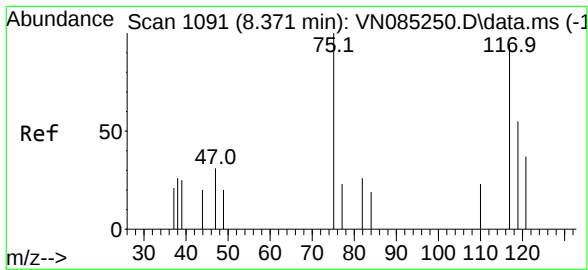
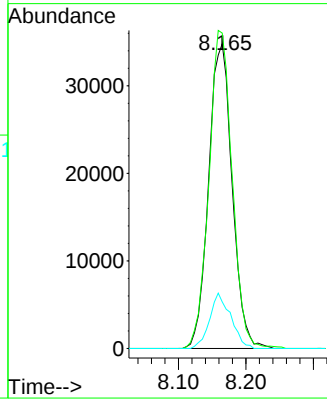
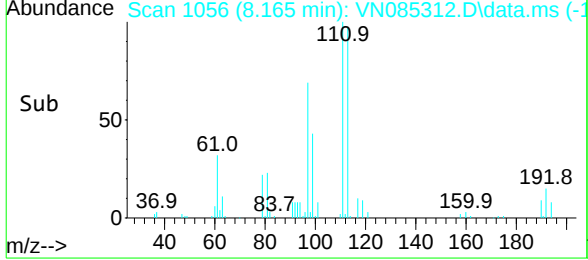
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1226WBS01



Tgt Ion:	113	Resp:	84552
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.1	123.1
192	16.4	13.4	20.0

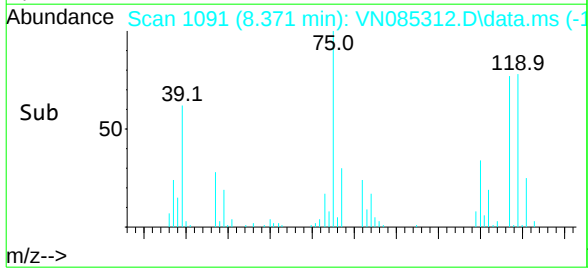
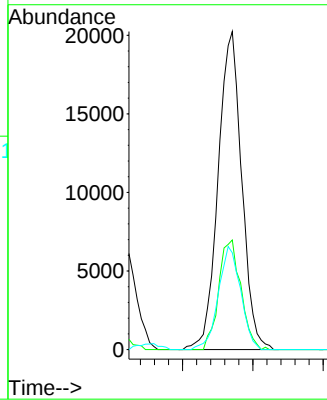
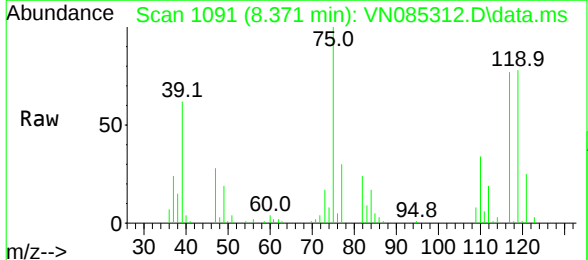
Manual Integrations
 APPROVED

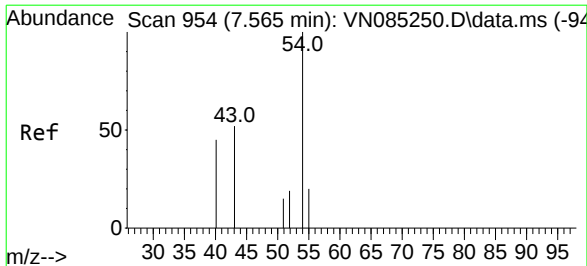
Reviewed By :John Carlone 12/27/2024
 Supervised By :Mahesh Dadoda 12/27/2024



#36
 1,1-Dichloropropene
 Concen: 18.656 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085312.D
 Acq: 26 Dec 2024 12:49

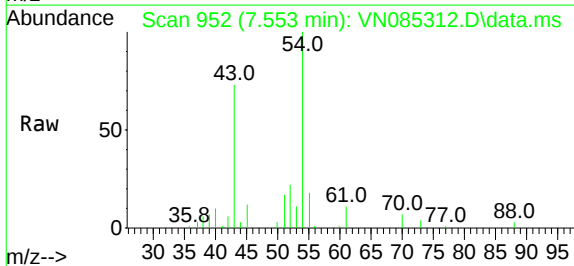
Tgt Ion:	75	Resp:	47264
Ion	Ratio	Lower	Upper
75	100		
110	32.3	16.0	48.0
77	30.6	24.6	36.8





#37
Ethyl Acetate
Concen: 14.699 ug/l
RT: 7.553 min Scan# 954
Delta R.T. -0.006 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

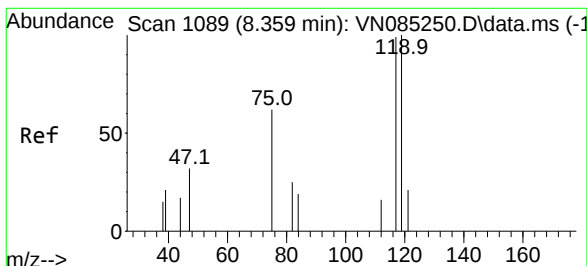
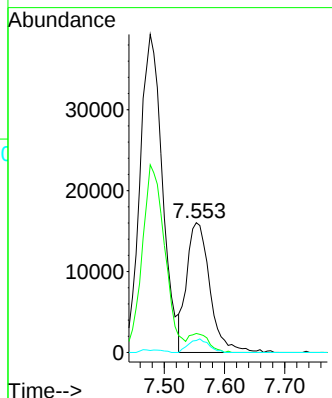
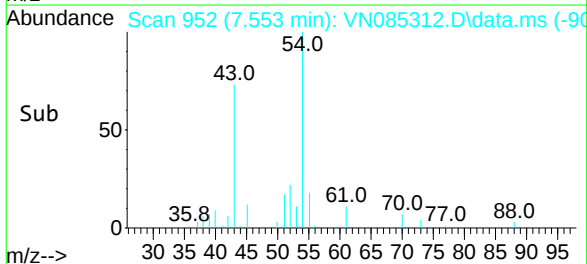
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01



Tgt Ion: 43 Resp: 42963
Ion Ratio Lower Upper
43 100
61 12.4 9.8 14.6
70 9.0 7.8 11.8

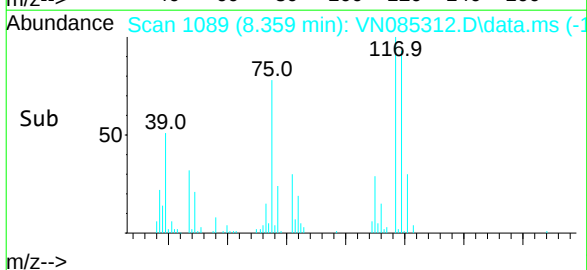
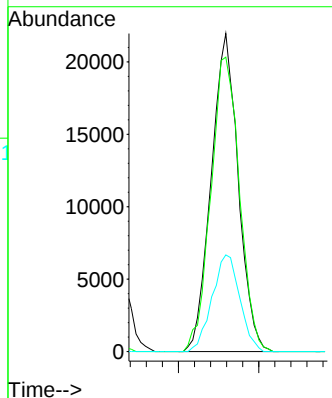
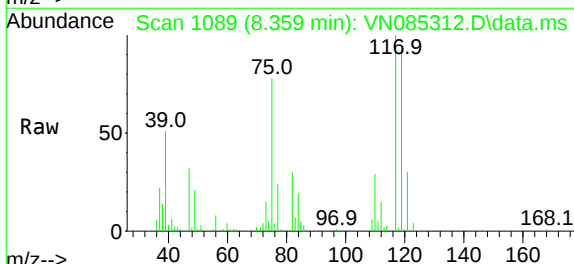
Manual Integrations
APPROVED

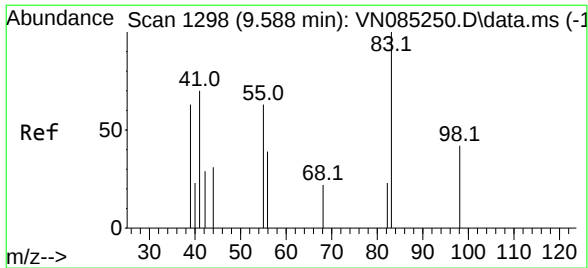
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#38
Carbon Tetrachloride
Concen: 16.762 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

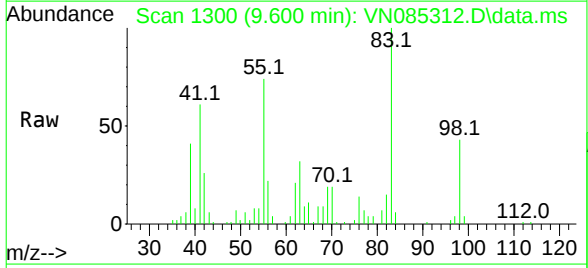
Tgt Ion:117 Resp: 51343
Ion Ratio Lower Upper
117 100
119 92.6 74.8 112.2
121 30.4 24.2 36.4





#39
Methylcyclohexane
Concen: 19.878 ug/l
RT: 9.600 min Scan# 13
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

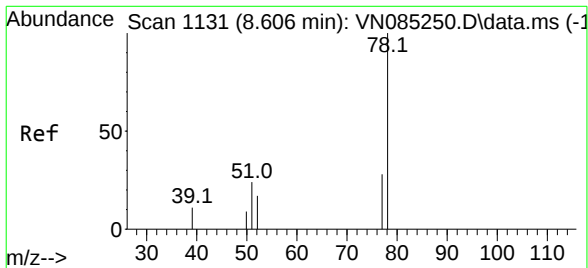
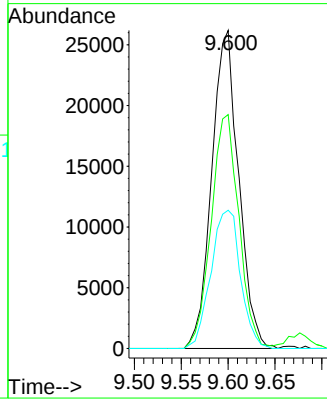
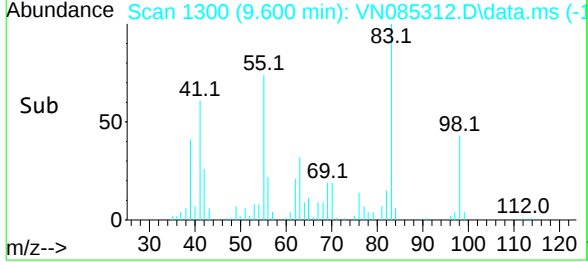
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01



Tgt Ion: 83 Resp: 52404
Ion Ratio Lower Upper
83 100
55 73.5 66.8 100.2
98 43.5 39.4 59.2

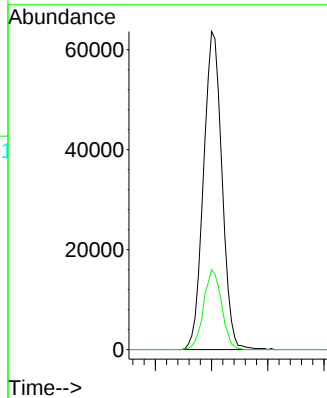
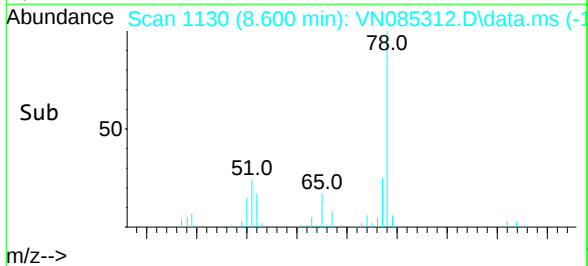
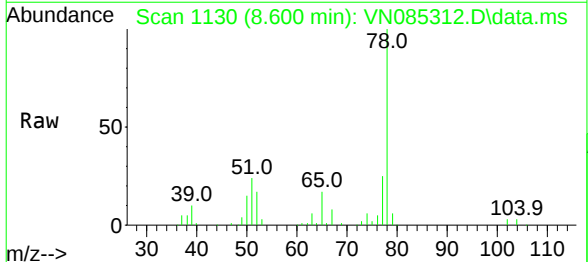
Manual Integrations
APPROVED

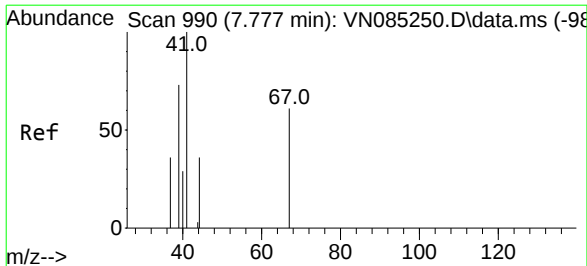
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#40
Benzene
Concen: 18.451 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Tgt Ion: 78 Resp: 145422
Ion Ratio Lower Upper
78 100
77 25.1 18.9 28.3





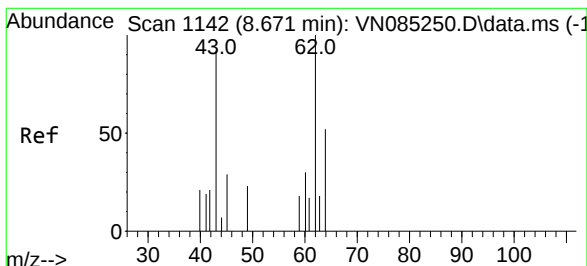
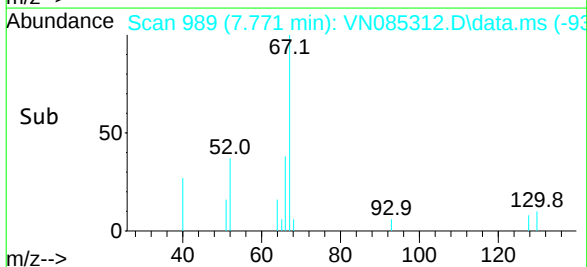
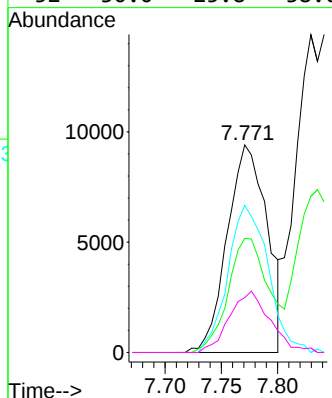
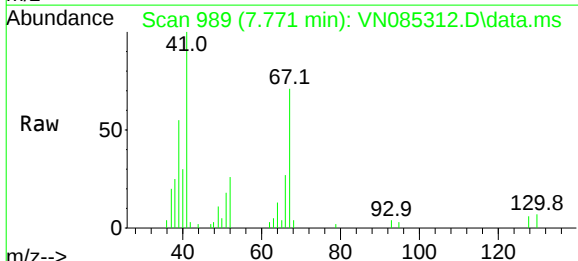
#41
Methacrylonitrile
Concen: 15.624 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01

Tgt Ion:	41	Resp:	23272
Ion	Ratio	Lower	Upper
41	100		
39	56.9	44.0	66.0
67	71.4	56.0	84.0
52	30.0	25.8	38.6

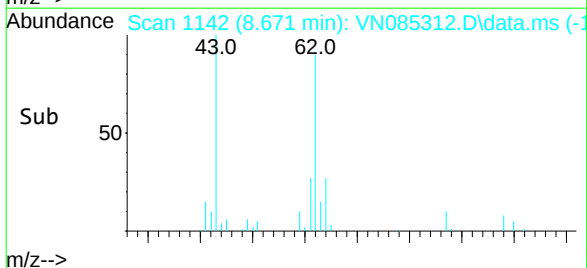
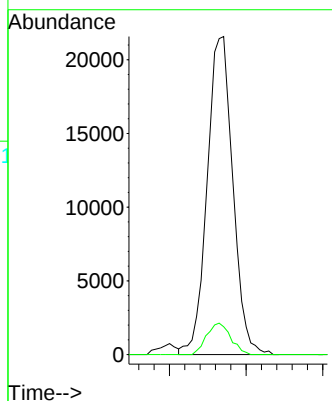
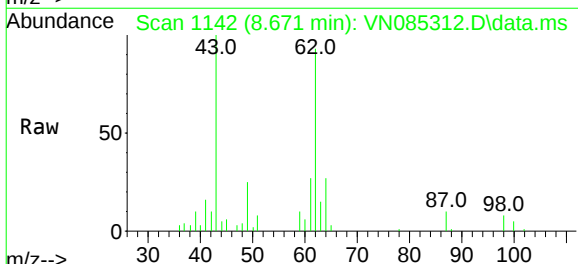
Manual Integrations
APPROVED

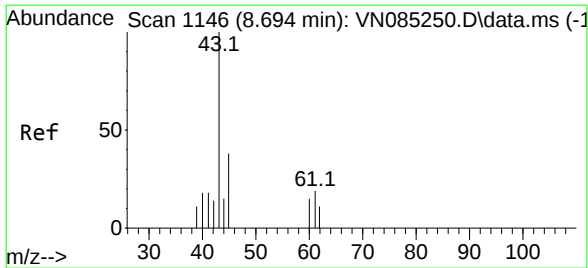
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#42
1,2-Dichloroethane
Concen: 16.727 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Tgt Ion:	62	Resp:	50216
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.4





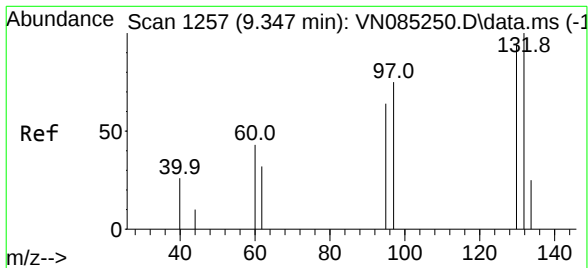
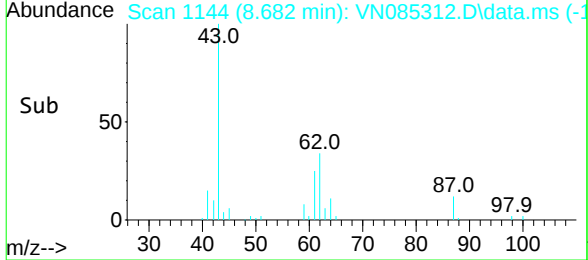
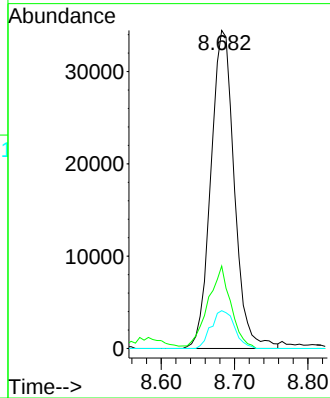
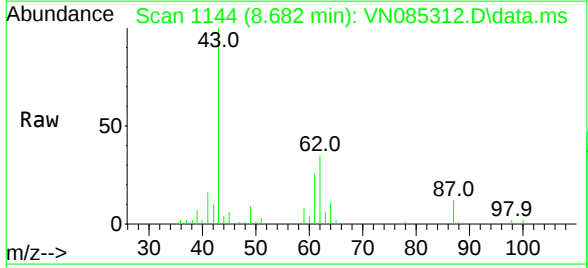
#43
Isopropyl Acetate
Concen: 14.335 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01

Tgt Ion: 43	Resp: 76621
Ion Ratio	Lower Upper
43 100	
61 25.6	19.0 28.4
87 11.9	9.3 13.9

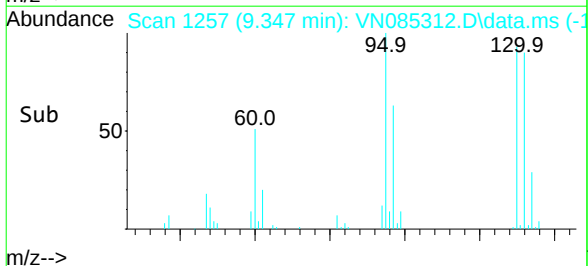
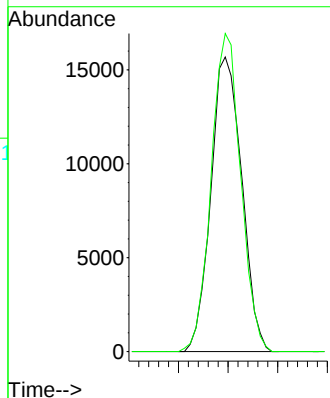
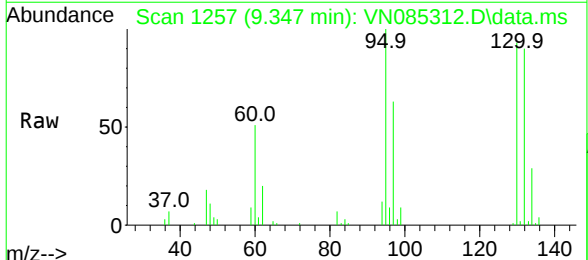
Manual Integrations
APPROVED

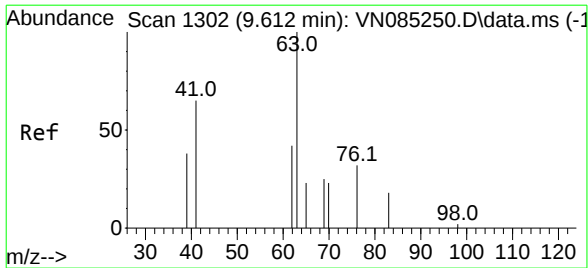
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#44
Trichloroethene
Concen: 19.358 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Tgt Ion: 130	Resp: 33968
Ion Ratio	Lower Upper
130 100	
95 108.0	0.0 207.6





#45

1,2-Dichloropropane

Concen: 18.478 ug/l

RT: 9.618 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN085312.D

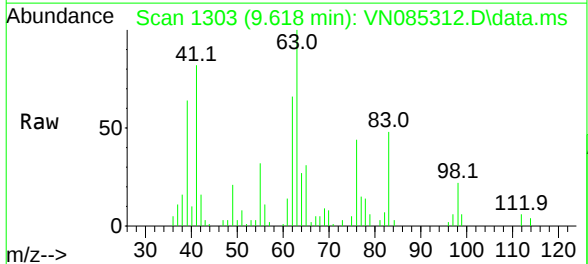
Acq: 26 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBS01



Tgt Ion: 63 Resp: 36059

Ion Ratio Lower Upper

63 100

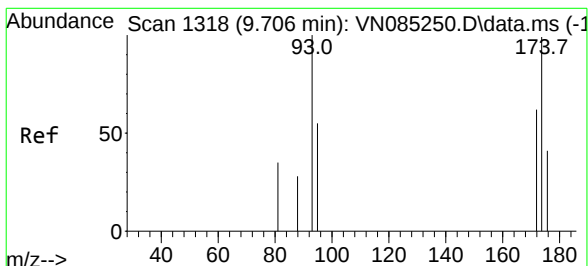
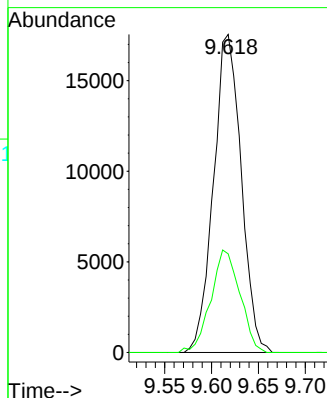
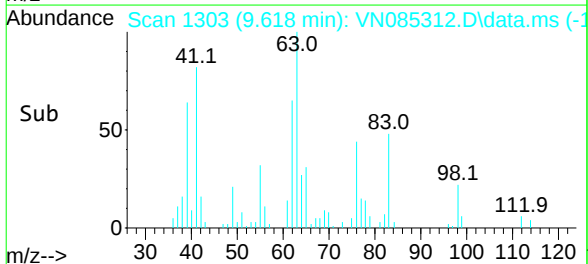
65 31.0 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#46

Dibromomethane

Concen: 18.007 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

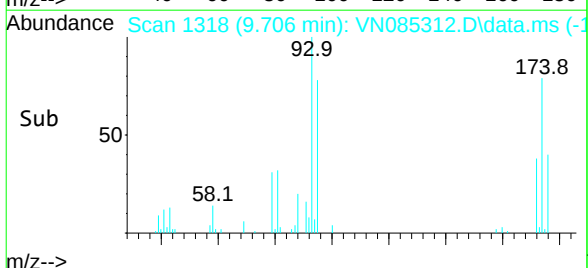
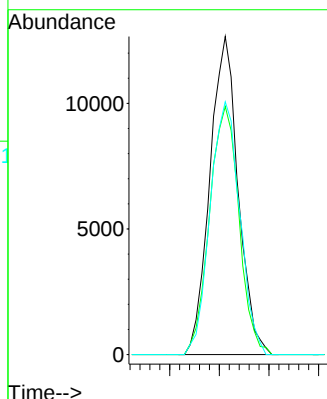
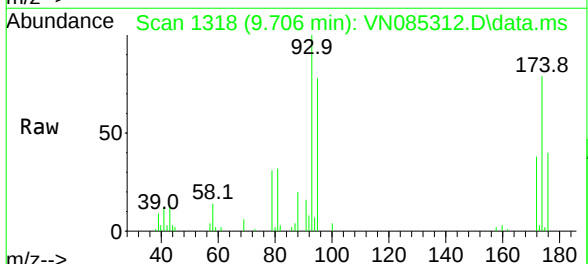
Tgt Ion: 93 Resp: 25085

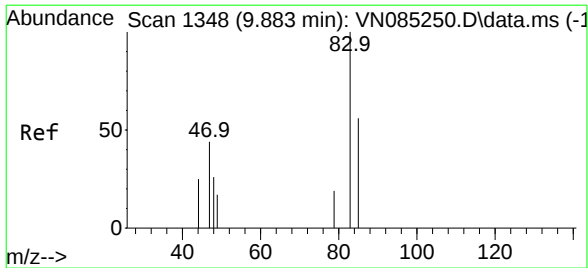
Ion Ratio Lower Upper

93 100

95 81.0 67.0 100.6

174 83.1 69.3 103.9





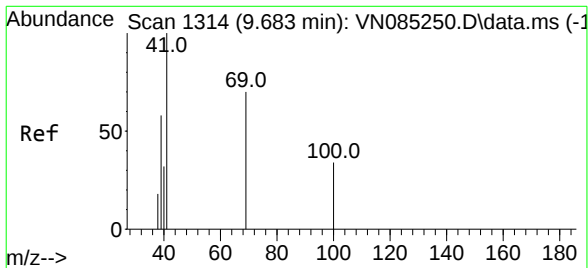
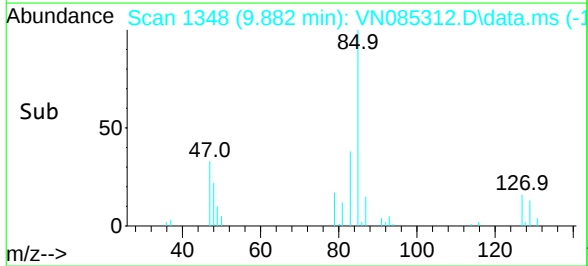
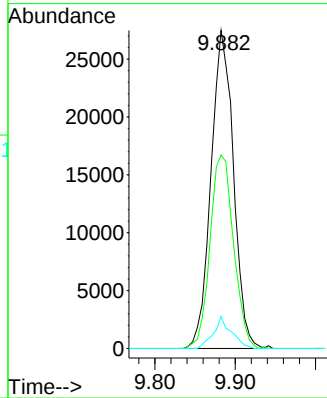
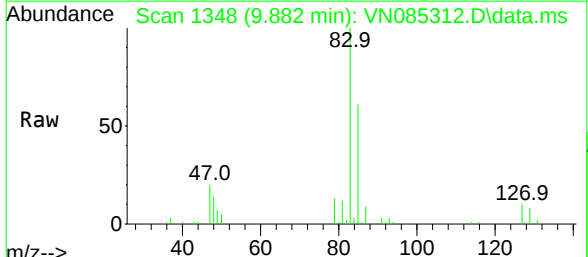
#47
Bromodichloromethane
Concen: 17.876 ug/l
RT: 9.882 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01

Tgt Ion:	83	Resp:	53354
Ion	Ratio	Lower	Upper
83	100		
85	60.9	51.0	76.4
127	10.0	6.3	9.5#

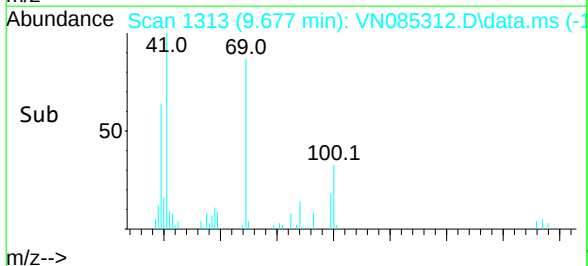
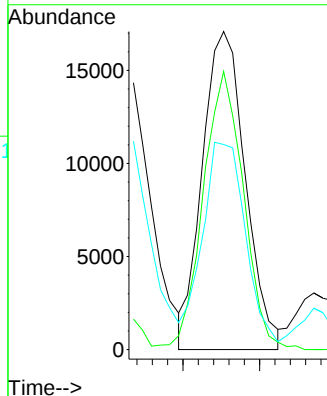
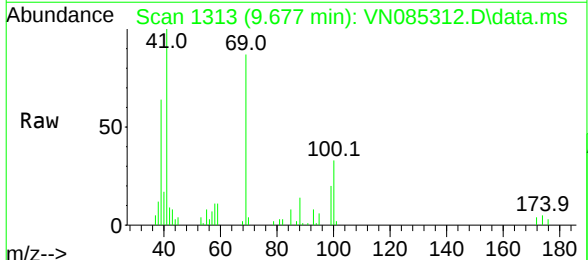
Manual Integrations
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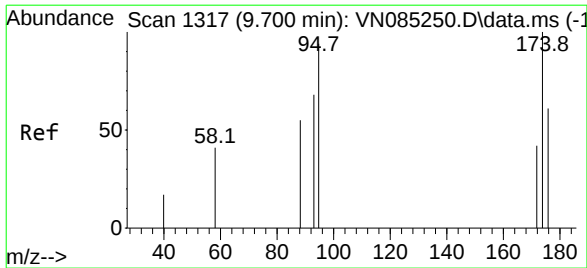
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#48
Methyl methacrylate
Concen: 15.186 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

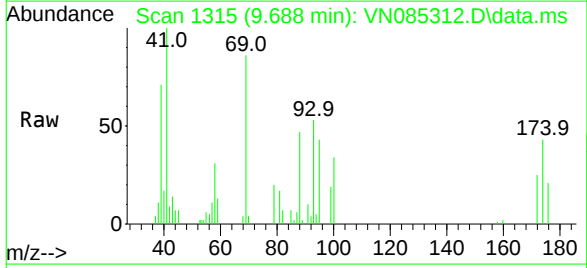
Tgt Ion:	41	Resp:	33274
Ion	Ratio	Lower	Upper
41	100		
69	81.7	61.0	91.4
39	66.0	49.8	74.8





#49
1,4-Dioxane
Concen: 293.754 ug/l
RT: 9.688 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

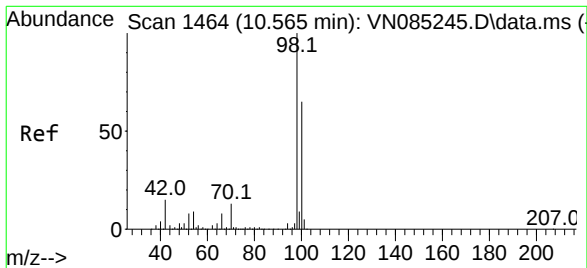
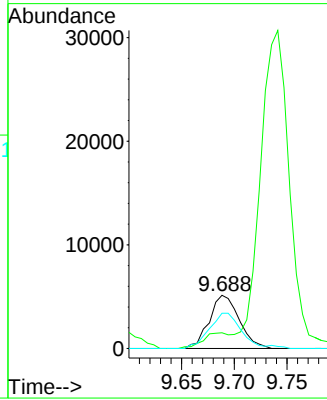
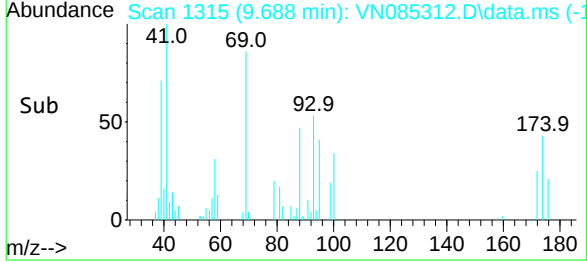
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01



Tgt Ion: 88 Resp: 10148
Ion Ratio Lower Upper
88 100
43 25.4 25.6 38.4#
58 72.2 56.5 84.7

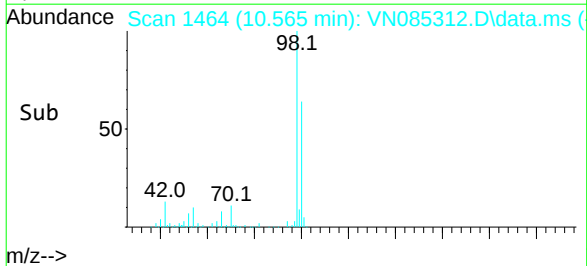
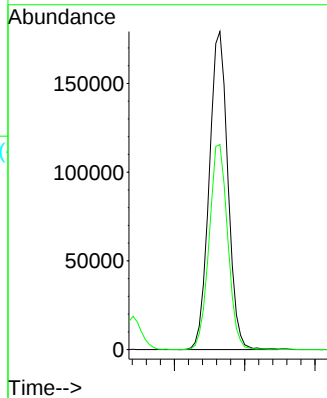
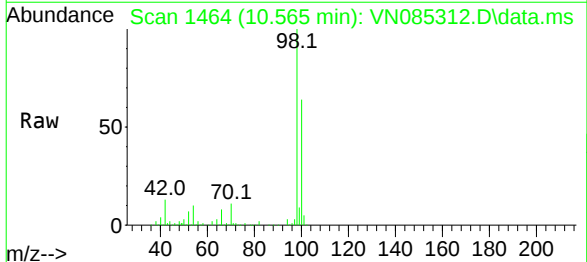
Manual Integrations
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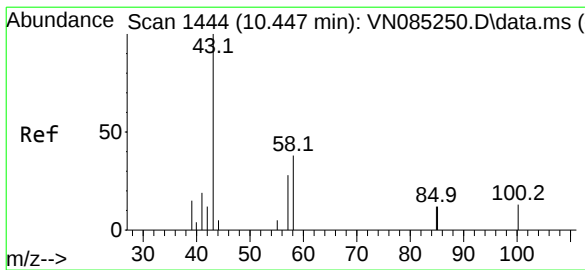
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#50
Toluene-d8
Concen: 49.702 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Tgt Ion: 98 Resp: 330518
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4





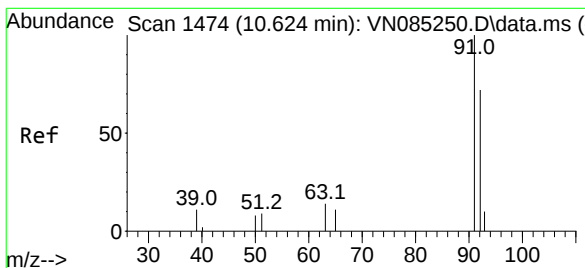
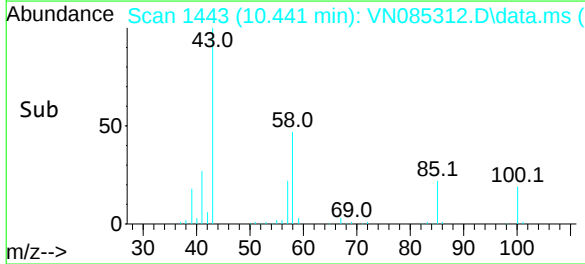
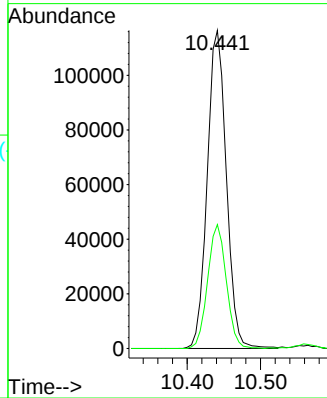
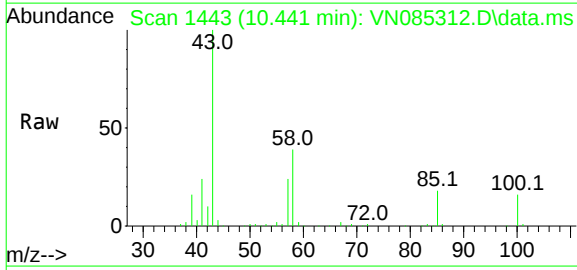
#51
4-Methyl-2-Pentanone
Concen: 75.078 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01

Tgt Ion: 43 Resp: 210852
Ion Ratio Lower Upper
43 100
58 38.1 29.4 44.2

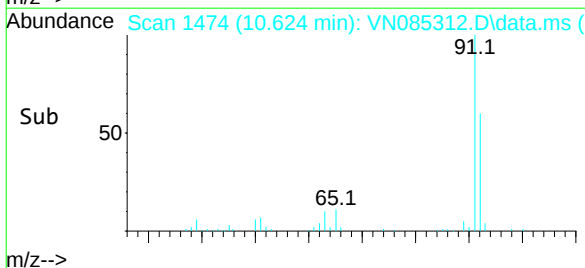
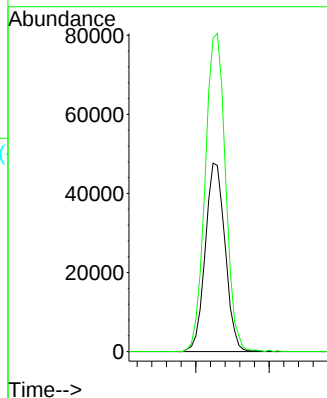
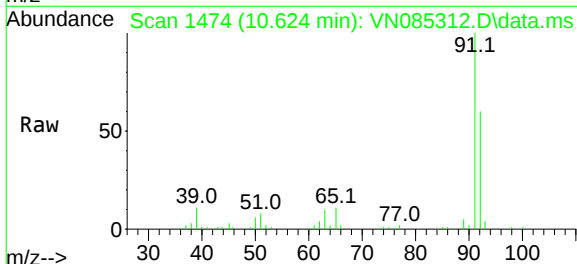
Manual Integrations
APPROVED

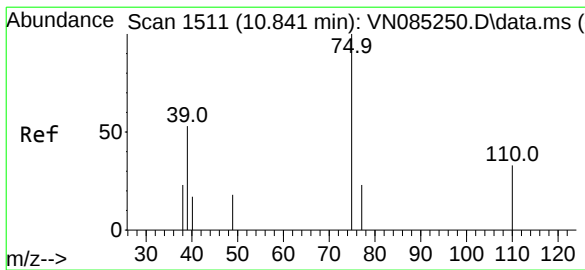
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#52
Toluene
Concen: 18.886 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

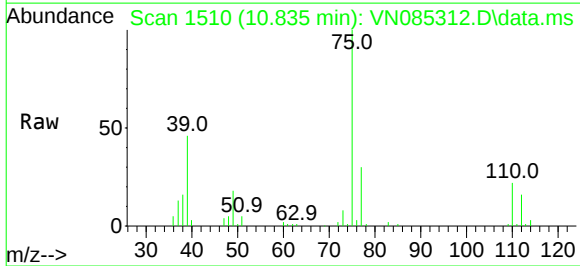
Tgt Ion: 92 Resp: 89504
Ion Ratio Lower Upper
92 100
91 173.0 138.9 208.3





#53
t-1,3-Dichloropropene
Concen: 18.598 ug/l
RT: 10.835 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

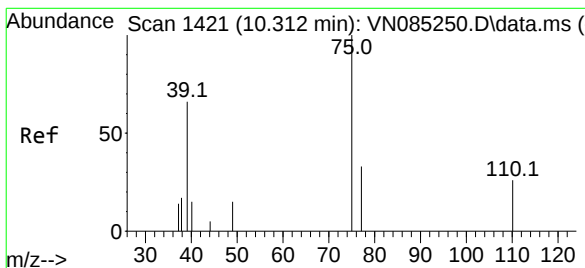
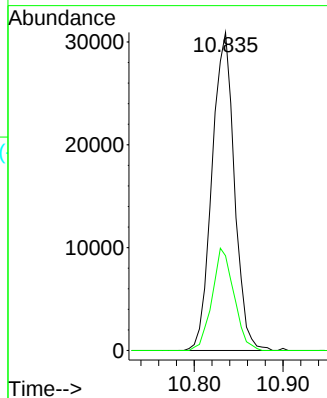
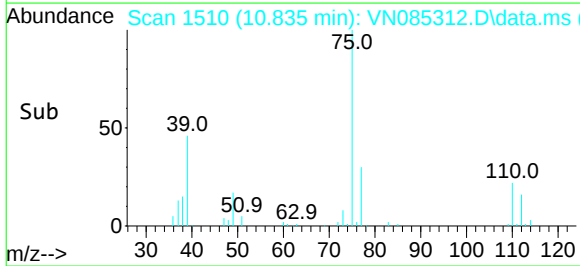
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01



Tgt Ion: 75 Resp: 54107
Ion Ratio Lower Upper
75 100
77 29.8 25.4 38.0

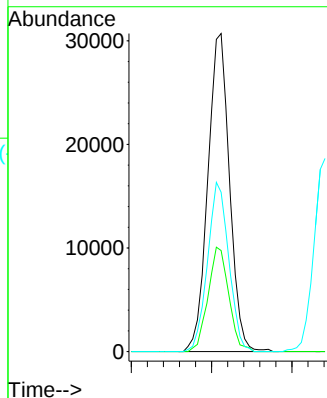
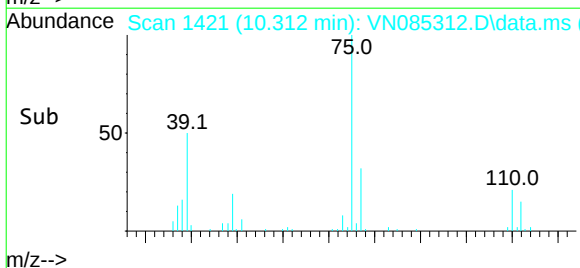
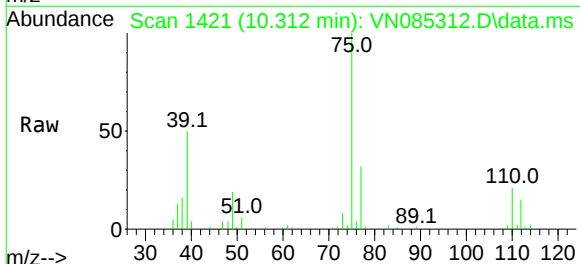
Manual Integrations
APPROVED

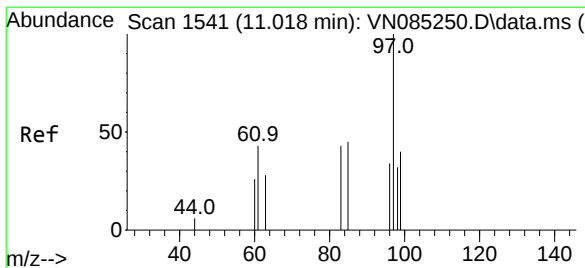
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#54
cis-1,3-Dichloropropene
Concen: 18.633 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

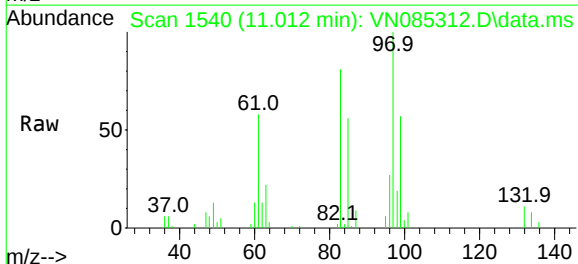
Tgt Ion: 75 Resp: 57636
Ion Ratio Lower Upper
75 100
77 31.8 26.6 39.8
39 50.1 45.3 67.9





#55
1,1,2-Trichloroethane
Concen: 17.857 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

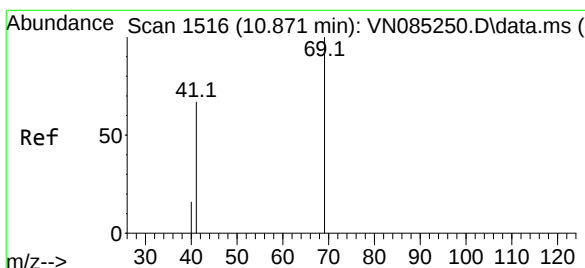
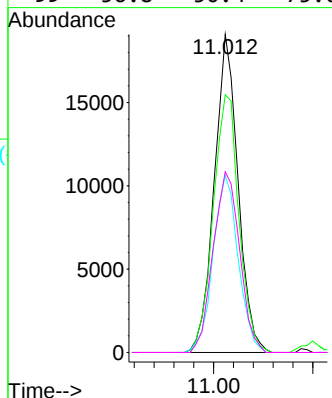
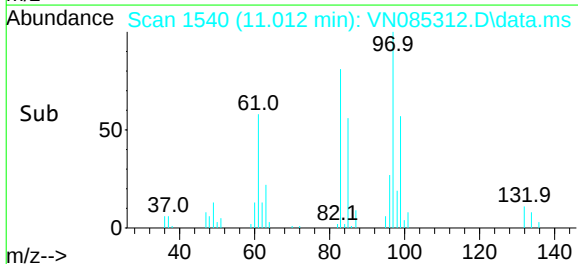
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.0	69.6	104.4
85	55.6	45.7	68.5
99	56.8	50.4	75.6

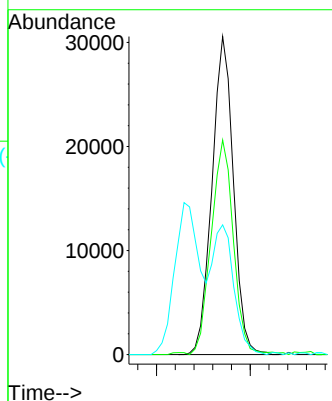
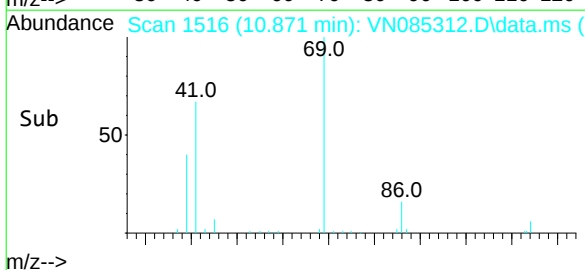
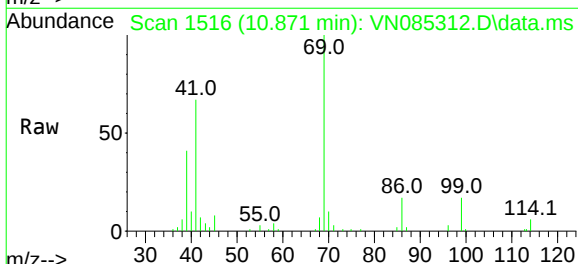
Manual Integrations
APPROVED

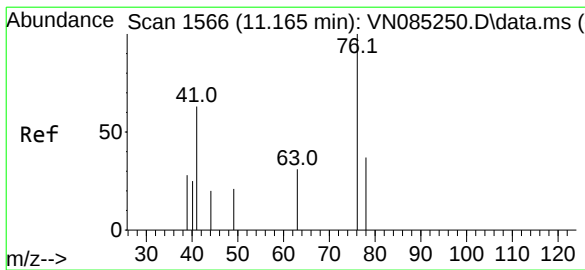
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#56
Ethyl methacrylate
Concen: 15.982 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

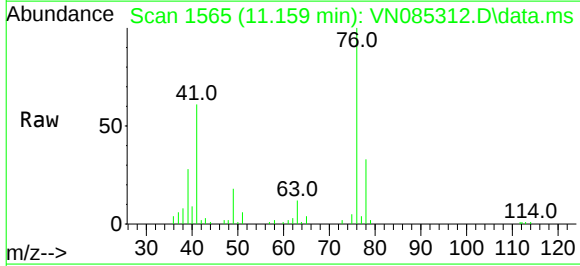
Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.4	57.5	86.3
39	41.2	33.4	50.2





#57
1,3-Dichloropropane
Concen: 18.124 ug/l
RT: 11.159 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

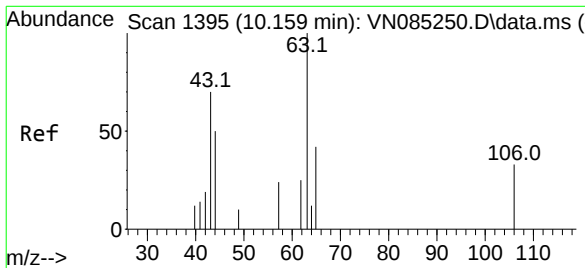
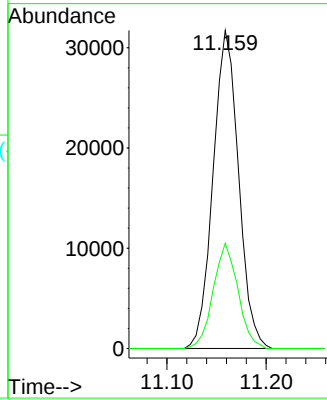
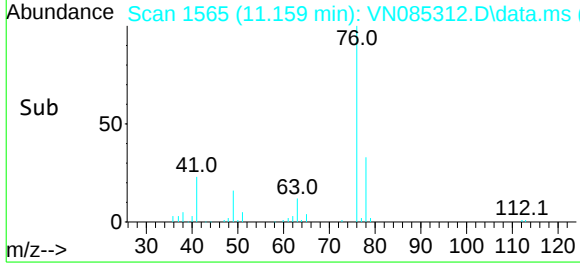
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01



Tgt Ion: 76 Resp: 56604
Ion Ratio Lower Upper
76 100
78 32.2 25.4 38.2

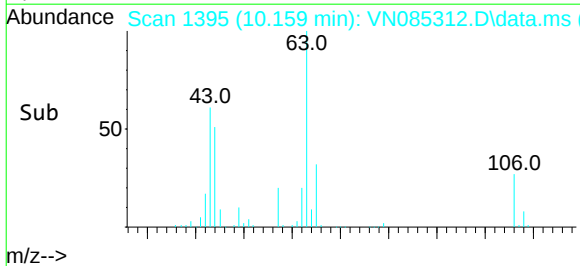
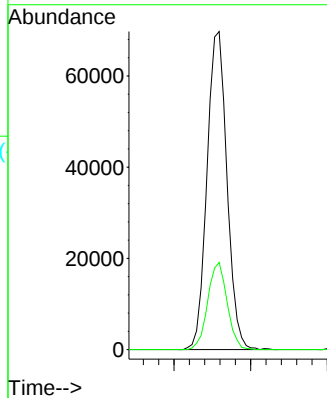
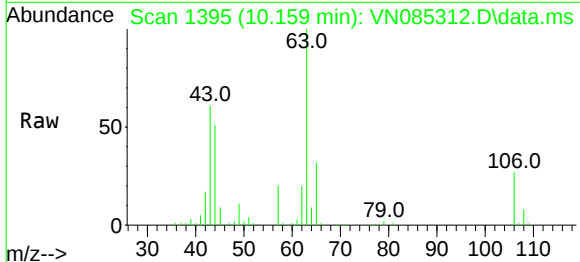
Manual Integrations
APPROVED

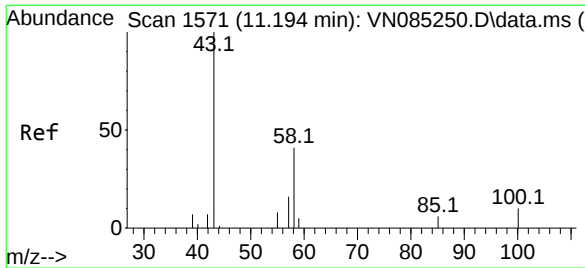
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#58
2-Chloroethyl Vinyl ether
Concen: 89.440 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Tgt Ion: 63 Resp: 126138
Ion Ratio Lower Upper
63 100
106 26.6 21.2 31.8





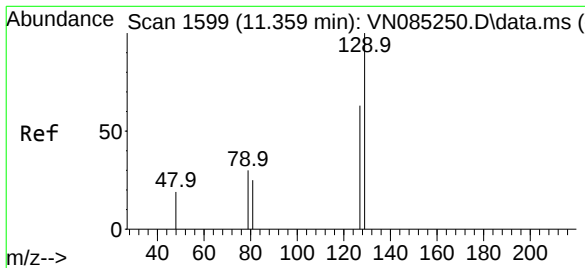
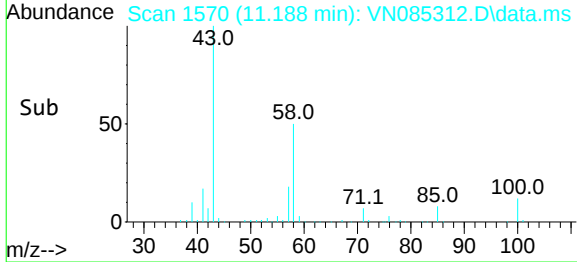
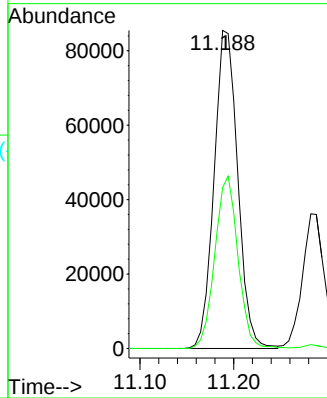
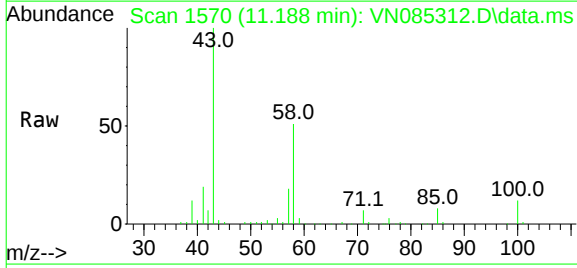
#59
2-Hexanone
Concen: 74.889 ug/l
RT: 11.188 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01

Tgt Ion: 43 Resp: 149924
Ion Ratio Lower Upper
43 100
58 52.9 25.8 77.4

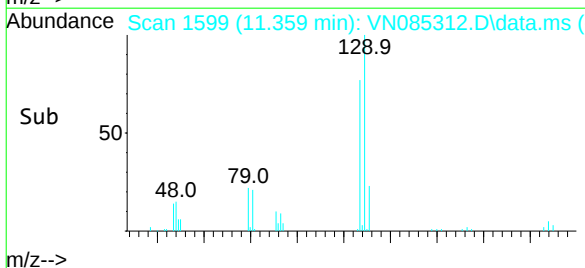
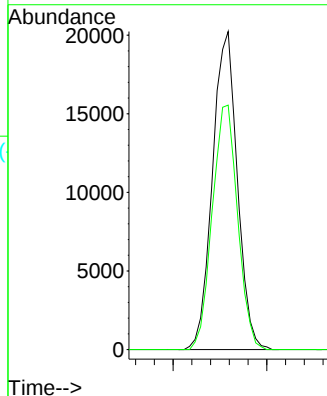
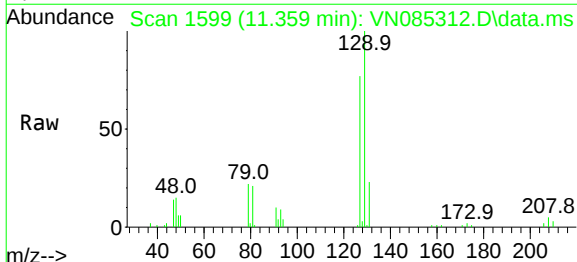
Manual Integrations
APPROVED

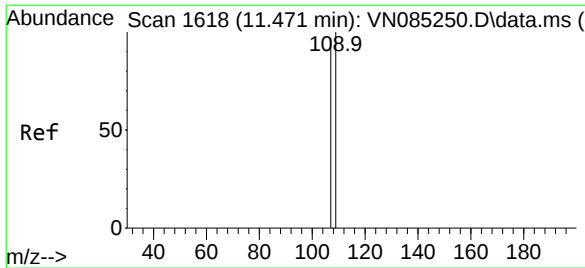
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#60
Dibromochloromethane
Concen: 17.685 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

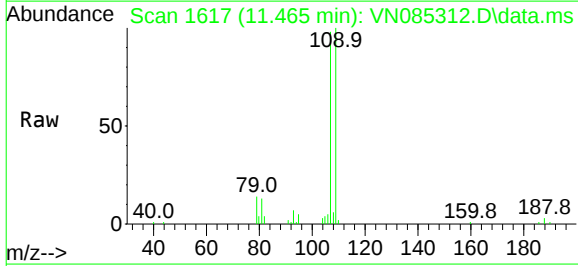
Tgt Ion:129 Resp: 37192
Ion Ratio Lower Upper
129 100
127 78.4 39.6 118.8





#61
1,2-Dibromoethane
Concen: 16.945 ug/l
RT: 11.465 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

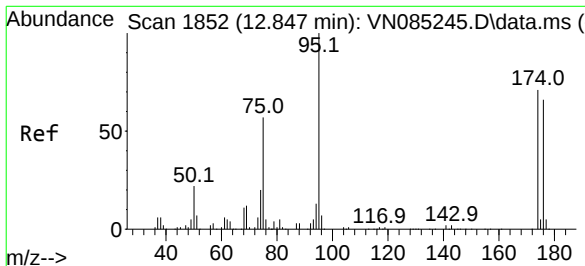
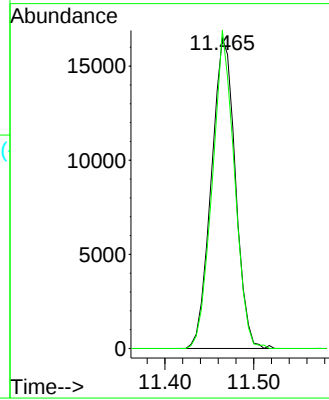
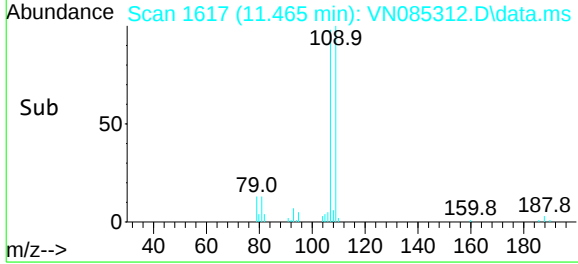
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01



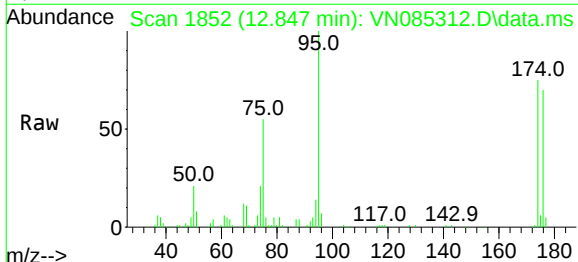
Tgt Ion: 107 Resp: 30971
Ion Ratio Lower Upper
107 100
109 94.1 74.2 111.4

Manual Integrations
APPROVED

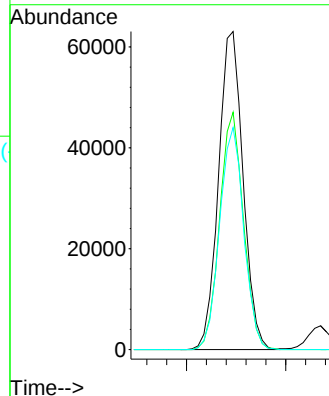
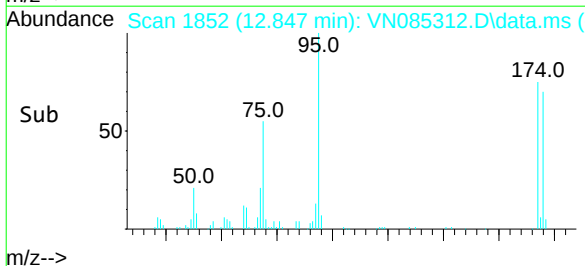
Reviewed By : John Carlone 12/27/2024
Supervised By : Mahesh Dadoda 12/27/2024

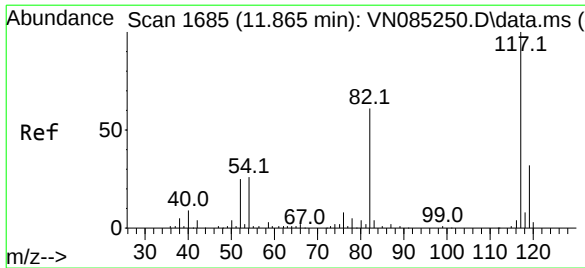


#62
4-Bromofluorobenzene
Concen: 45.558 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49



Tgt Ion: 95 Resp: 108209
Ion Ratio Lower Upper
95 100
174 72.2 0.0 144.4
176 68.7 0.0 136.6





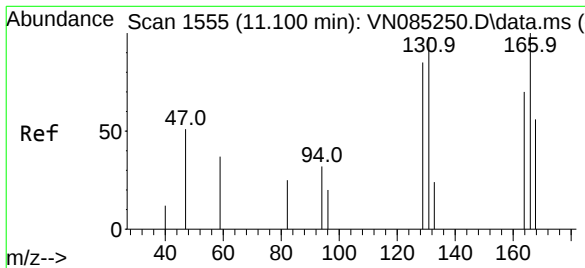
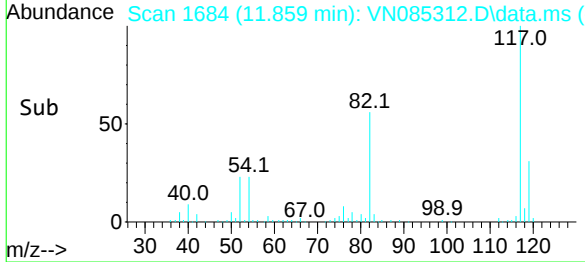
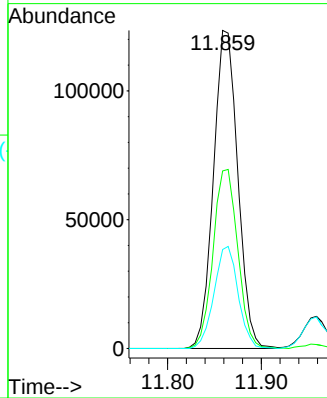
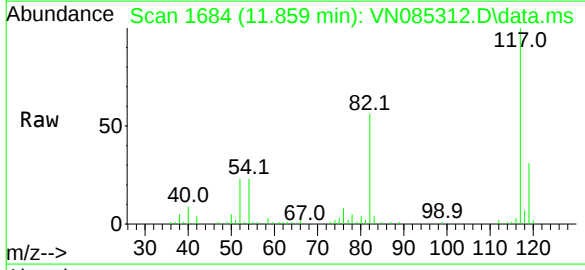
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01

Tgt Ion:	117	Resp:	222802
Ion Ratio	Lower	Upper	
117	100		
82	55.8	47.4	71.2
119	31.1	25.6	38.4

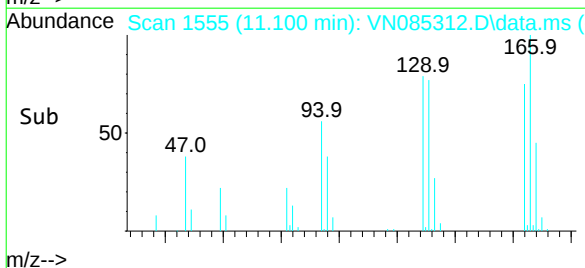
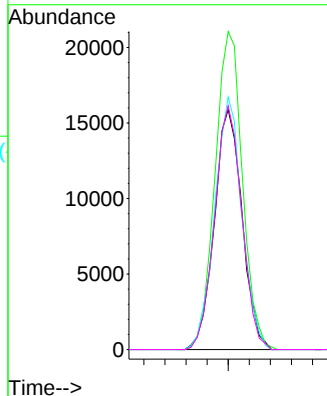
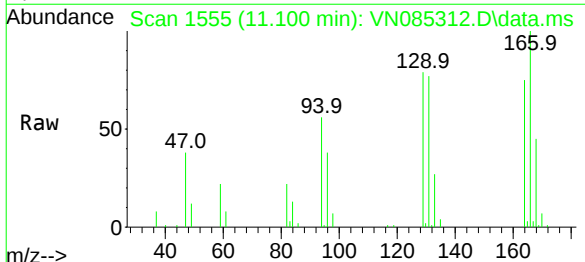
Manual Integrations
APPROVED

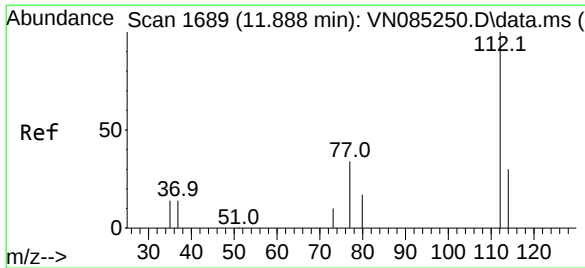
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#64
Tetrachloroethene
Concen: 19.371 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Tgt Ion:	164	Resp:	29042
Ion Ratio	Lower	Upper	
164	100		
166	132.6	101.5	152.3
129	105.3	79.4	119.2
131	101.7	73.9	110.9





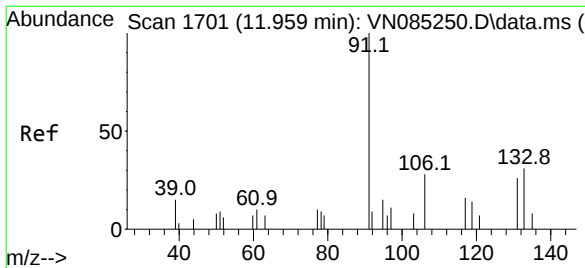
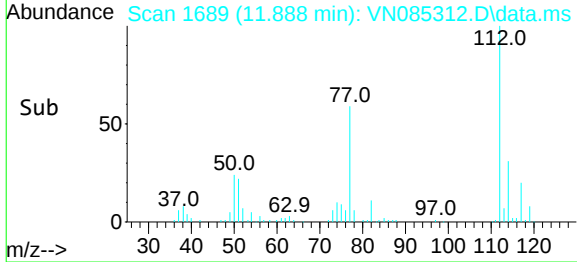
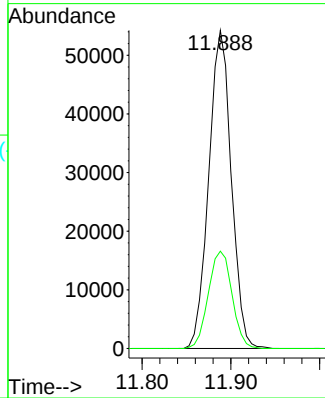
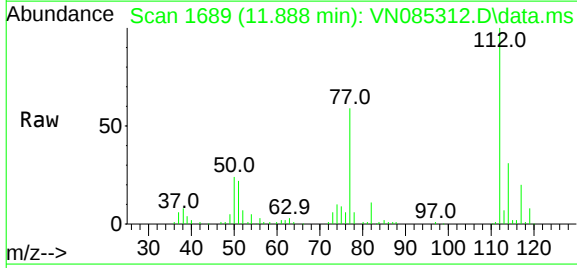
#65
Chlorobenzene
Concen: 19.104 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01

Tgt Ion:112 Resp: 95678
Ion Ratio Lower Upper
112 100
114 30.6 26.2 39.4

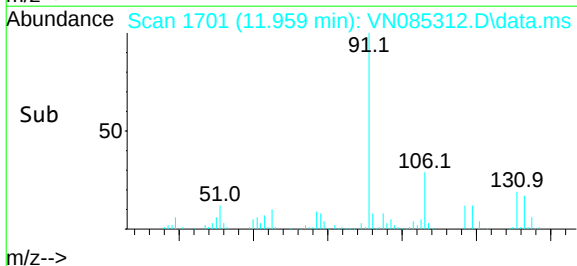
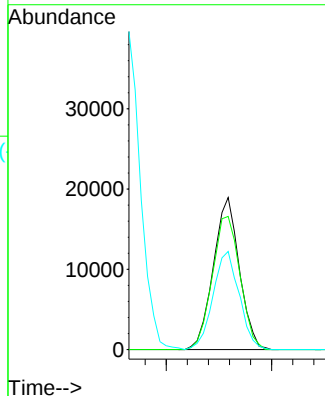
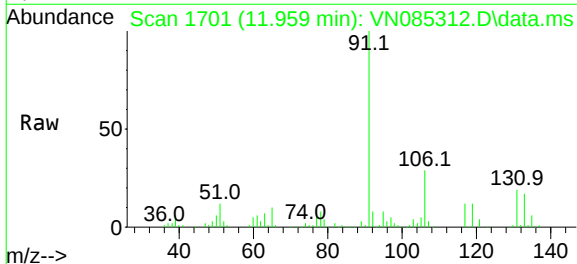
Manual Integrations
APPROVED

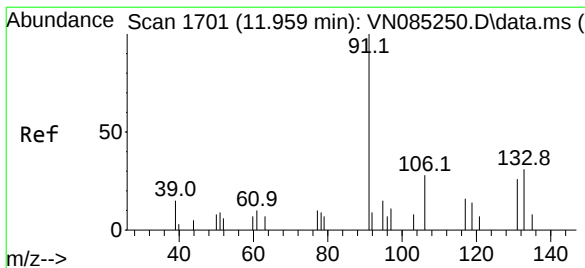
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.577 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Tgt Ion:131 Resp: 32459
Ion Ratio Lower Upper
131 100
133 93.4 48.6 145.8
119 65.1 32.5 97.5





#67

Ethyl Benzene

Concen: 19.261 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBS01

Tgt Ion: 91 Resp: 165341

Ion Ratio Lower Upper

91 100

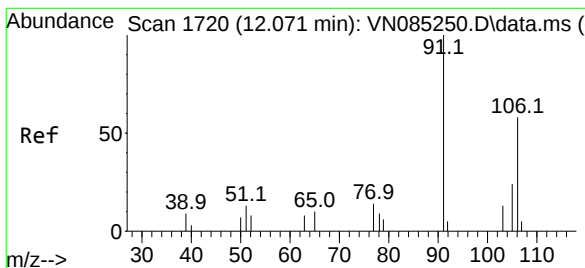
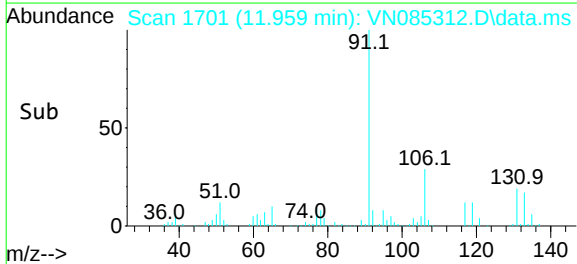
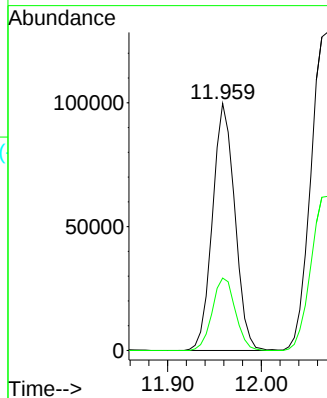
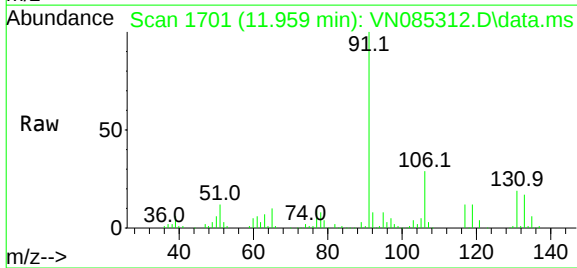
106 29.3 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#68

m/p-Xylenes

Concen: 38.976 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN085312.D

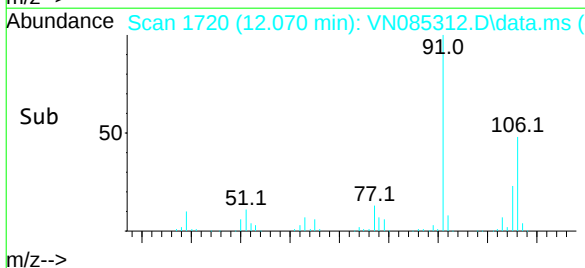
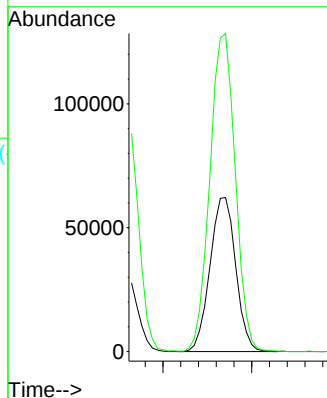
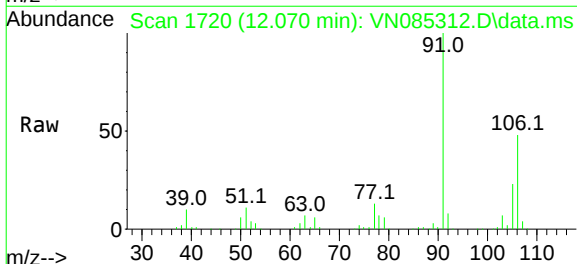
Acq: 26 Dec 2024 12:49

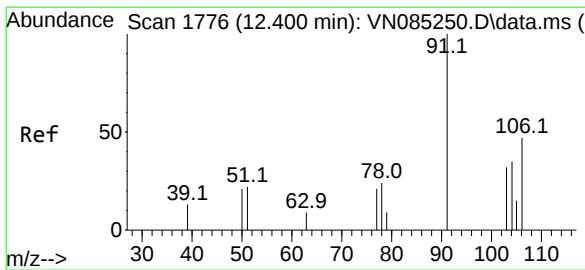
Tgt Ion:106 Resp: 125137

Ion Ratio Lower Upper

106 100

91 204.5 168.3 252.5





#69

o-Xylene

Concen: 19.302 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBS01

Tgt Ion:106 Resp: 58250

Ion Ratio Lower Upper

106 100

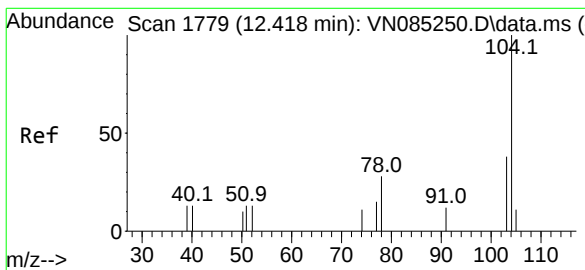
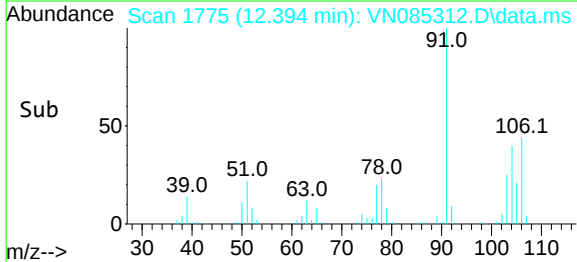
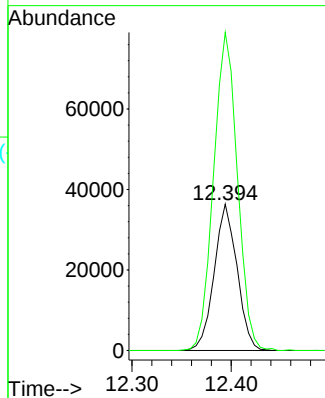
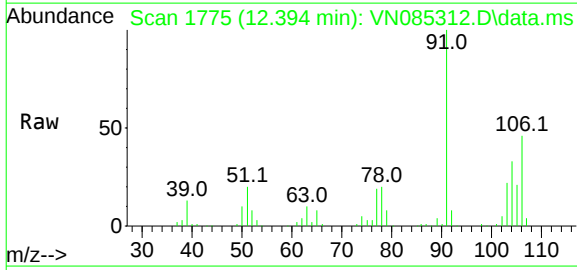
91 226.5 112.1 336.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#70

Styrene

Concen: 19.076 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

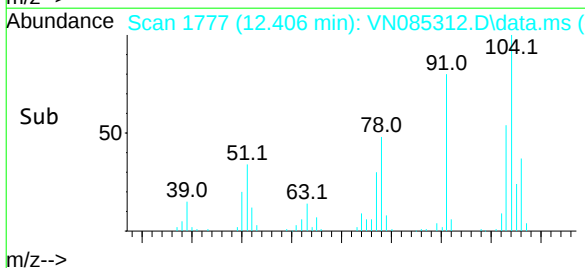
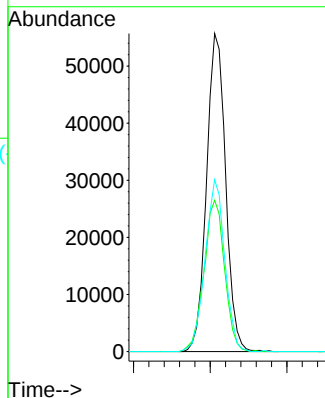
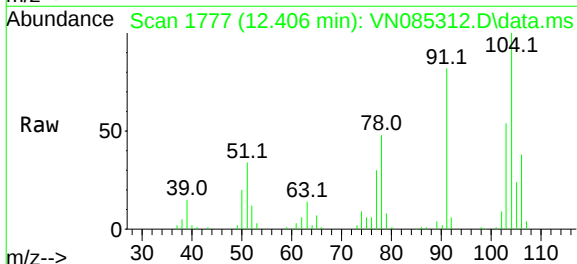
Tgt Ion:104 Resp: 96103

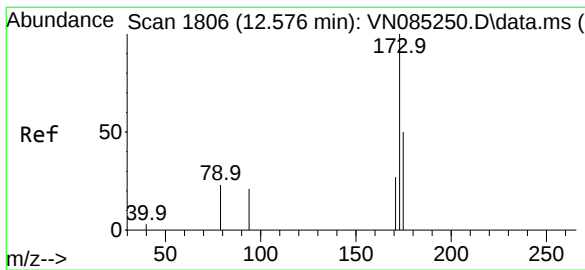
Ion Ratio Lower Upper

104 100

78 51.5 43.2 64.8

103 55.7 44.6 66.8





#71

Bromoform

Concen: 16.069 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBS01

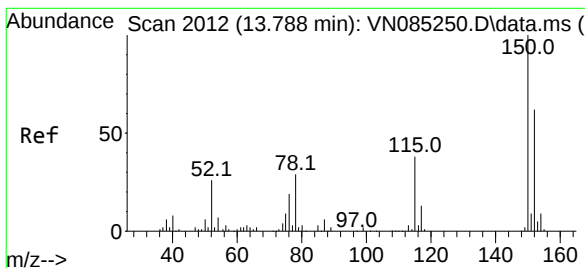
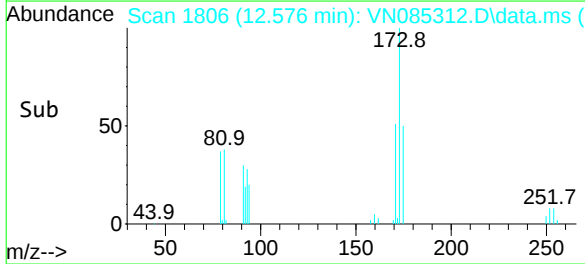
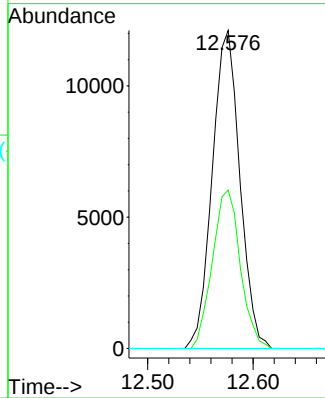
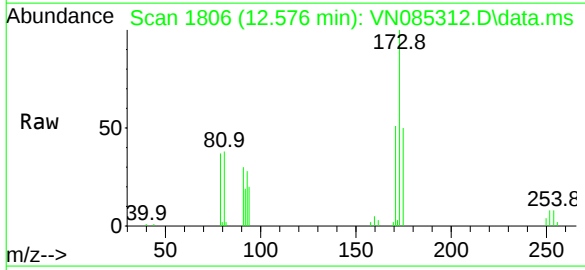
Tgt Ion:	173	Resp:	22009
Ion Ratio	Lower	Upper	
173	100		
175	50.4	24.5	73.5
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

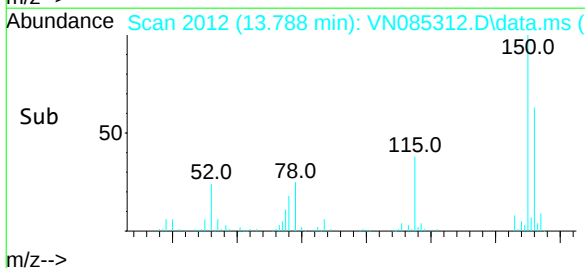
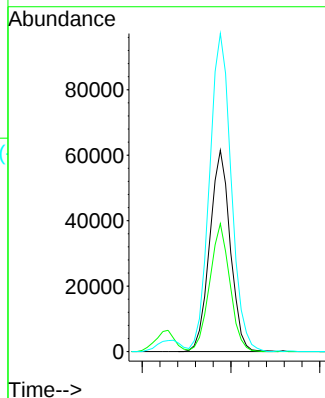
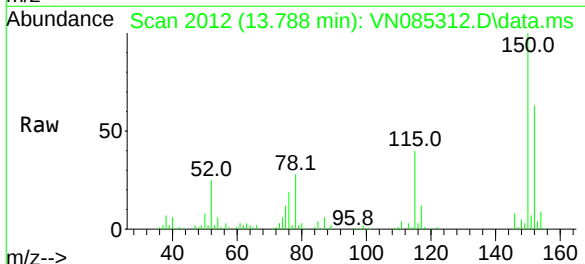
RT: 13.788 min Scan# 2012

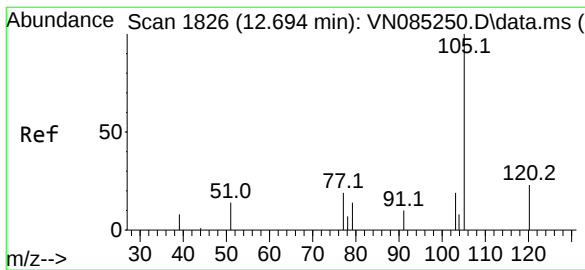
Delta R.T. -0.000 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

Tgt Ion:	152	Resp:	98856
Ion Ratio	Lower	Upper	
152	100		
115	62.3	32.1	96.3
150	167.3	0.0	354.6





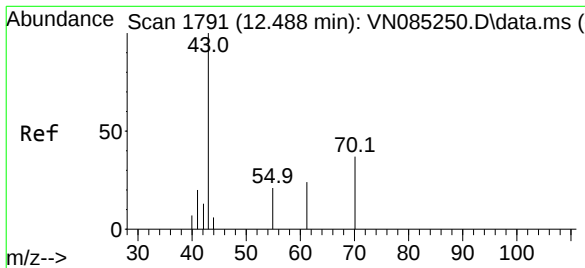
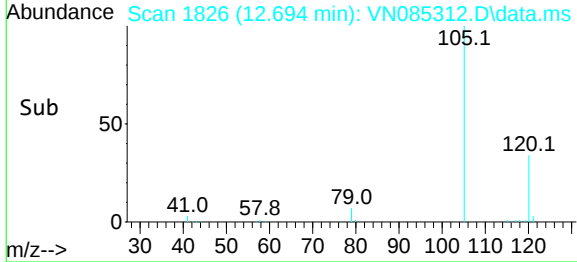
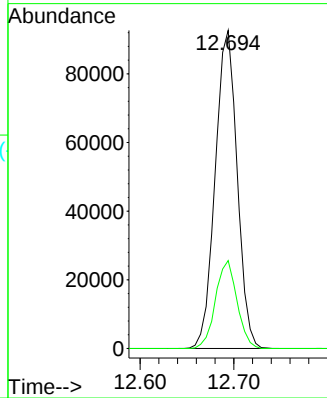
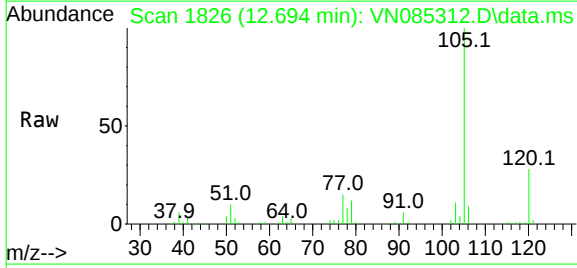
#73
Isopropylbenzene
Concen: 21.140 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01

Tgt Ion: 105 Resp: 150755
Ion Ratio Lower Upper
105 100
120 27.0 13.0 38.9

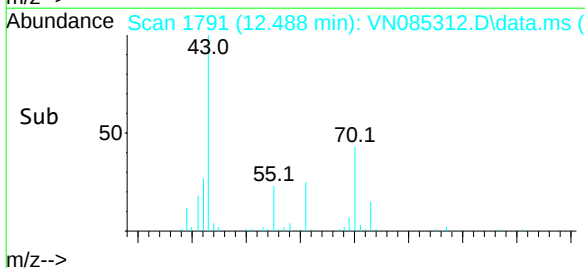
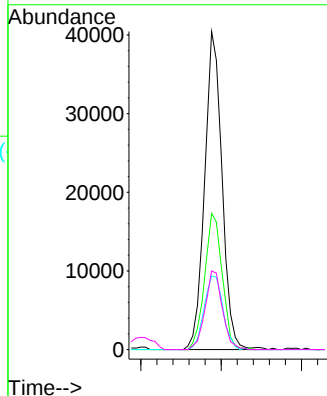
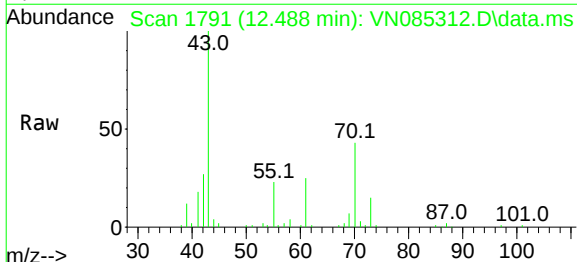
Manual Integrations
APPROVED

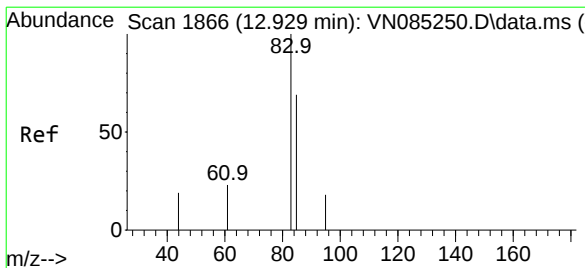
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#74
N-ethyl acetate
Concen: 17.081 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Tgt Ion: 43 Resp: 60838
Ion Ratio Lower Upper
43 100
70 43.3 31.5 47.3
55 25.0 19.0 28.4
61 24.5 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 17.216 ug/l

RT: 12.935 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBS01

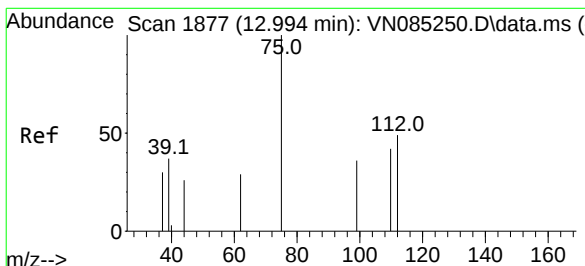
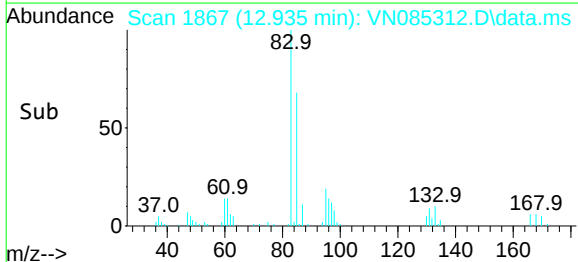
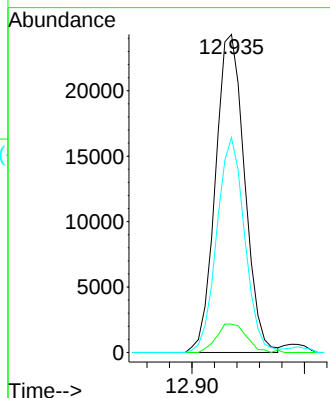
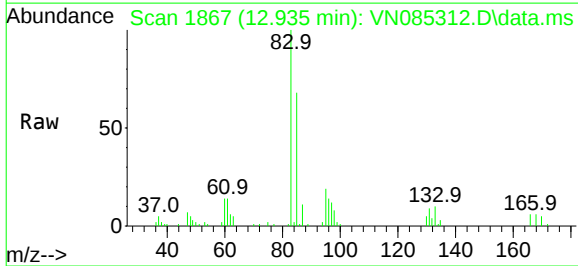
Tgt Ion:	83	Resp:	43742
Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.7	14.1
85	64.4	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#76

1,2,3-Trichloropropane

Concen: 14.969 ug/l m

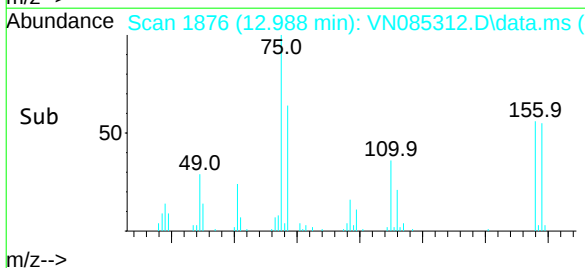
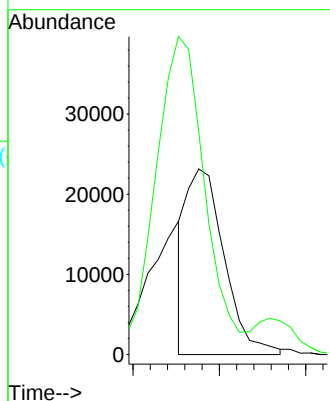
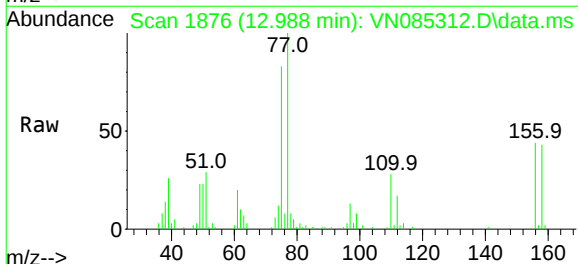
RT: 12.988 min Scan# 1876

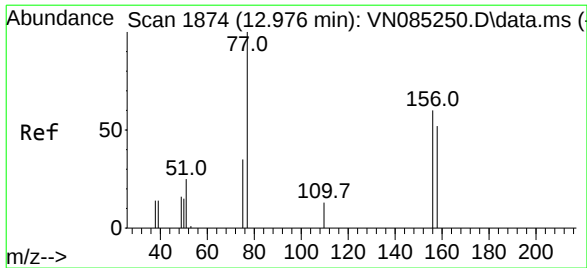
Delta R.T. -0.006 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

Tgt Ion:	75	Resp:	35274
Ion	Ratio	Lower	Upper
75	100		
77	222.2	102.6	307.7





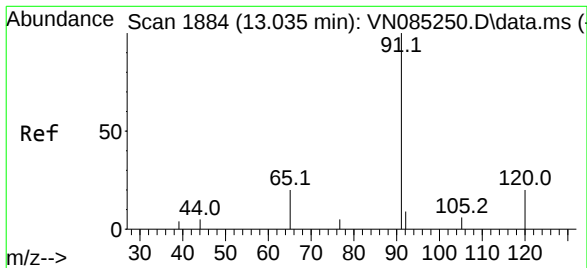
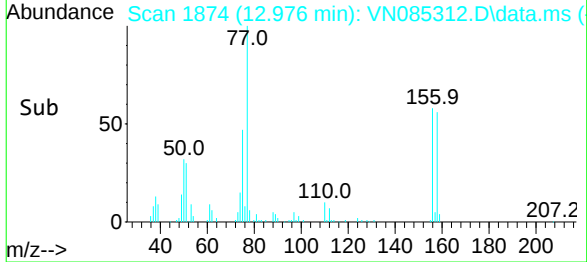
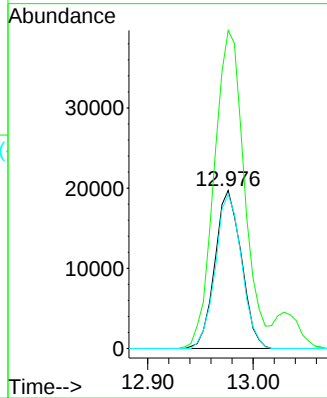
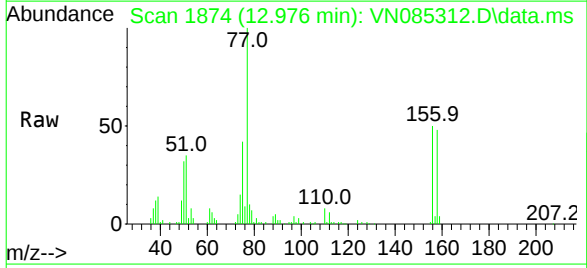
#77
Bromobenzene
Concen: 18.367 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01

Tgt Ion:156 Resp: 34390
Ion Ratio Lower Upper
156 100
77 227.9 115.8 347.3
158 96.6 47.9 143.7

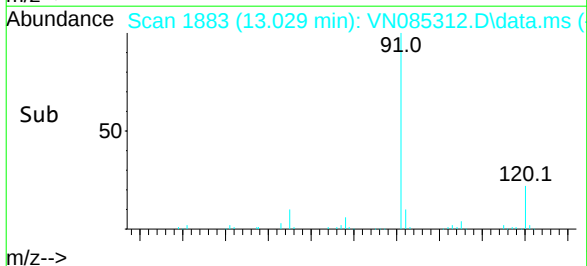
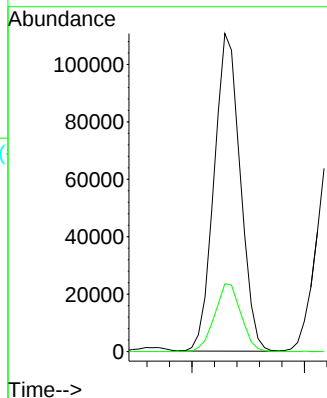
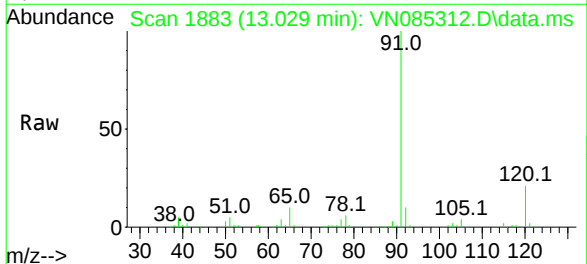
Manual Integrations
APPROVED

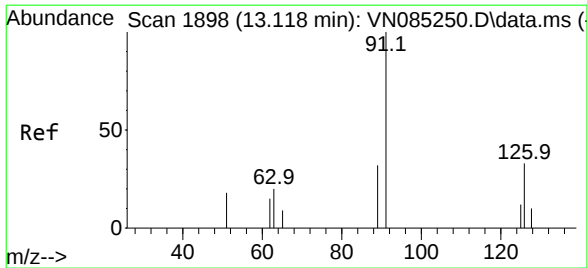
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#78
n-propylbenzene
Concen: 20.481 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Tgt Ion: 91 Resp: 179119
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.3





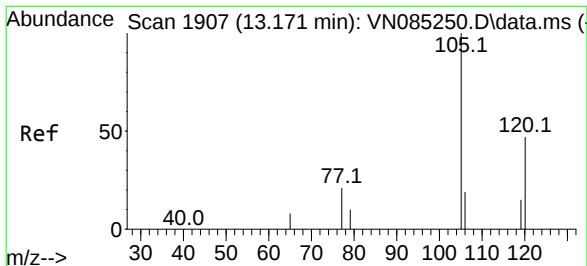
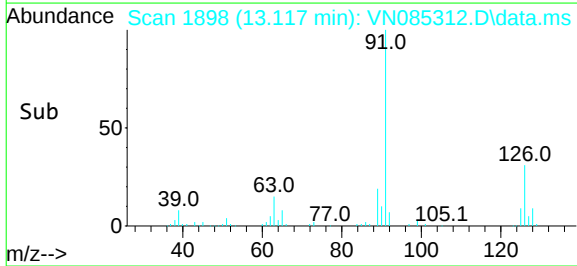
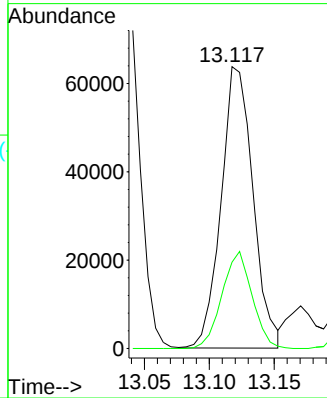
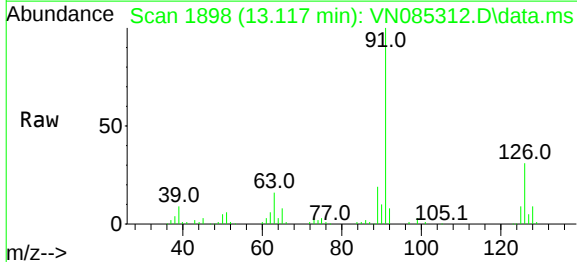
#79
2-Chlorotoluene
Concen: 19.670 ug/l
RT: 13.117 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01

Tgt Ion: 91 Resp: 109223
Ion Ratio Lower Upper
91 100
126 32.5 15.2 45.5

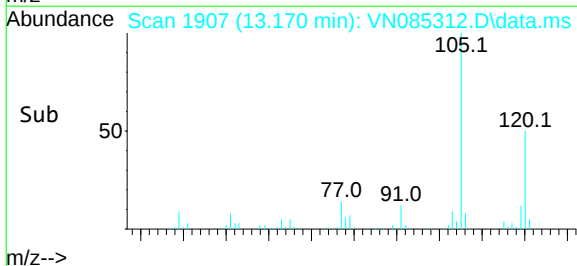
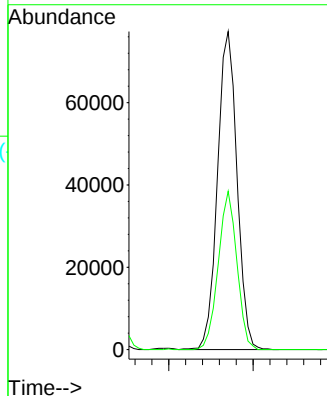
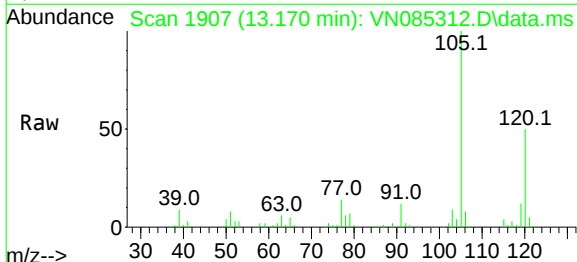
Manual Integrations
APPROVED

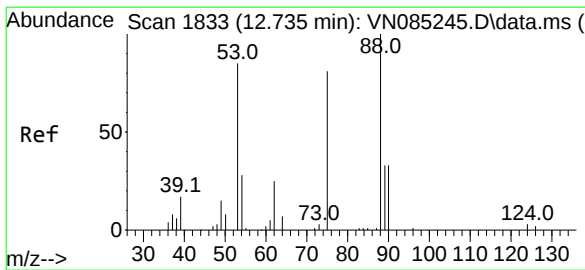
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.890 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Tgt Ion:105 Resp: 124254
Ion Ratio Lower Upper
105 100
120 47.5 23.4 70.2





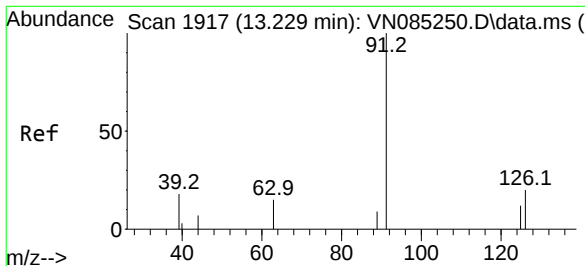
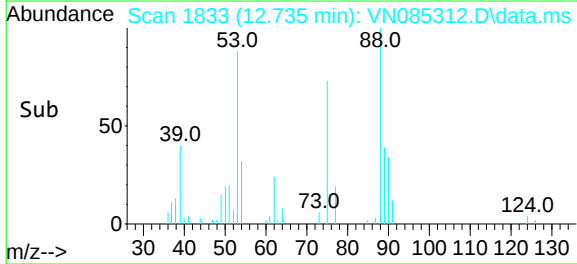
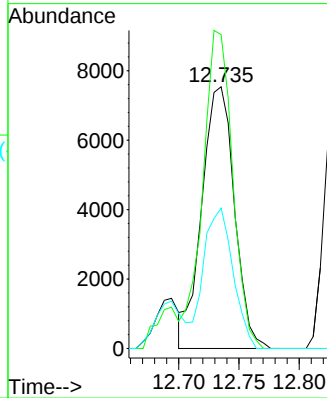
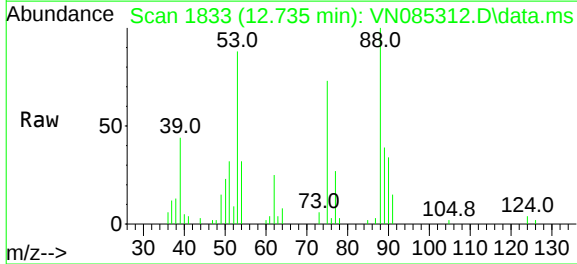
#81
trans-1,4-Dichloro-2-butene
Concen: 15.990 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	122.2	84.9	127.3
89	49.1	37.9	56.9

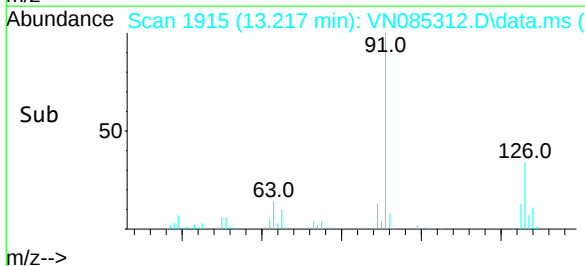
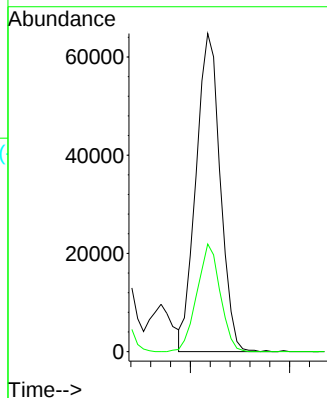
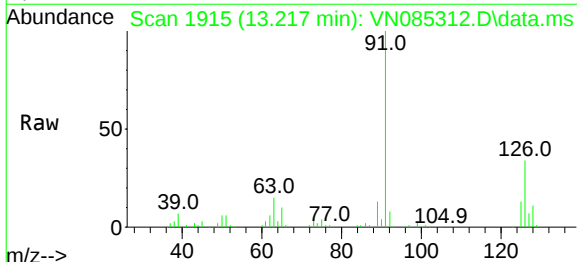
Manual Integrations
APPROVED

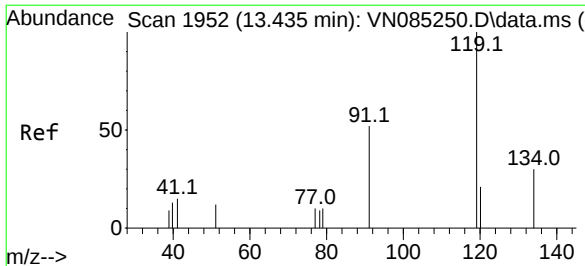
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#82
4-Chlorotoluene
Concen: 19.520 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	15.6	46.8





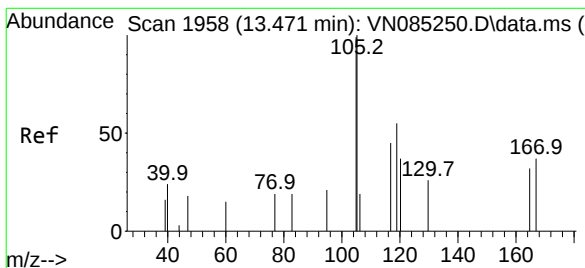
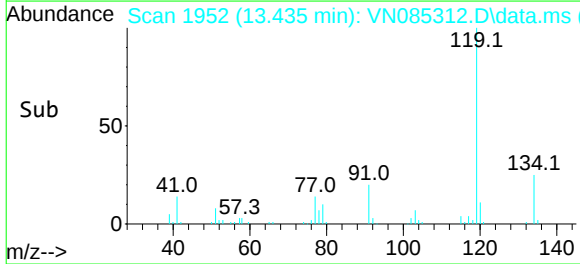
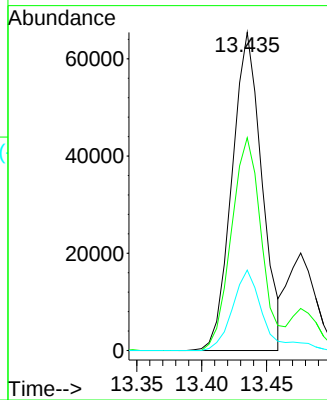
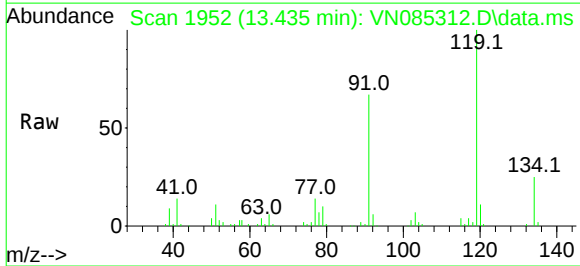
#83
tert-Butylbenzene
Concen: 20.816 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01

Tgt Ion:119 Resp: 105006
Ion Ratio Lower Upper
119 100
91 68.2 36.3 108.7
134 26.1 12.2 36.6

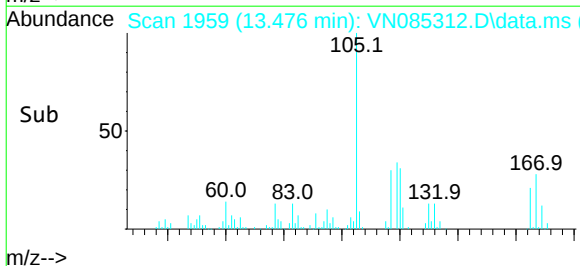
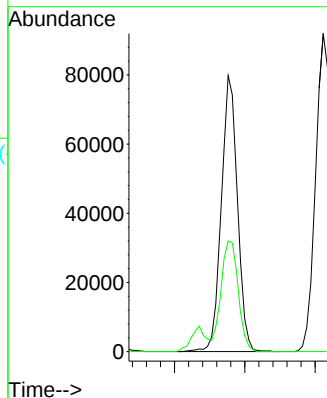
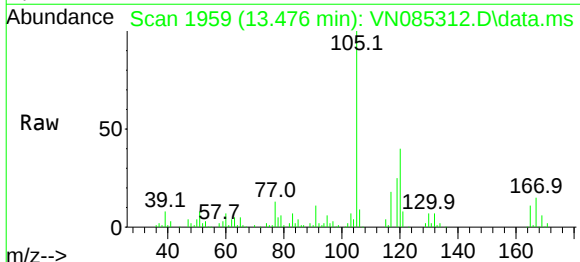
Manual Integrations
APPROVED

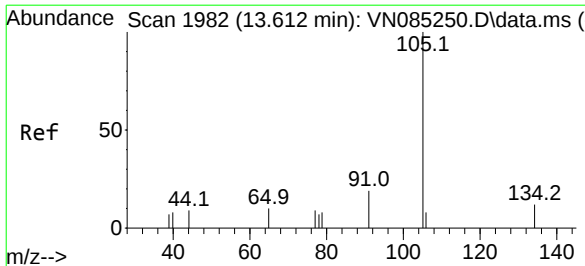
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.903 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Tgt Ion:105 Resp: 127091
Ion Ratio Lower Upper
105 100
120 42.6 21.8 65.3





#85

sec-Butylbenzene

Concen: 20.914 ug/l

RT: 13.612 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

Instrument :

MSVOA_N

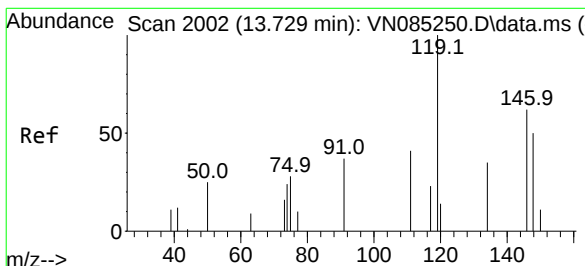
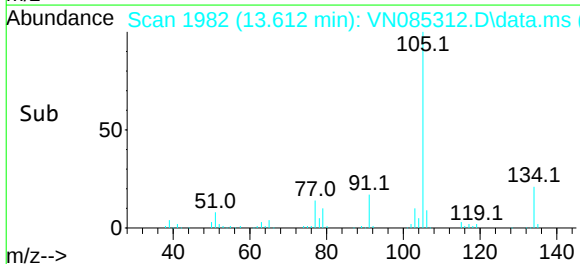
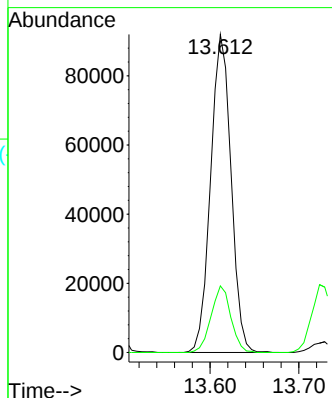
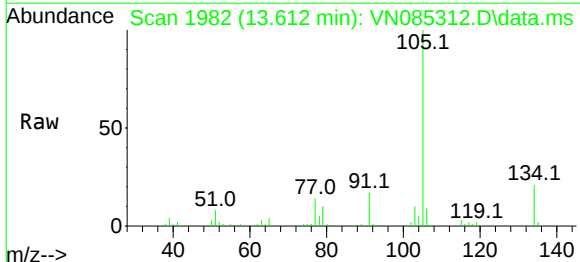
ClientSampleId :

VN1226WBS01

Tgt Ion:105 Resp: 147081
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.4 28.3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/27/2024
 Supervised By :Mahesh Dadoda 12/27/2024



#86

p-Isopropyltoluene

Concen: 19.394 ug/l

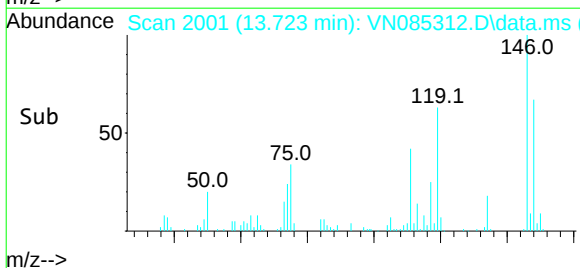
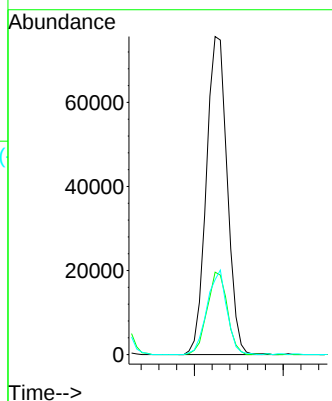
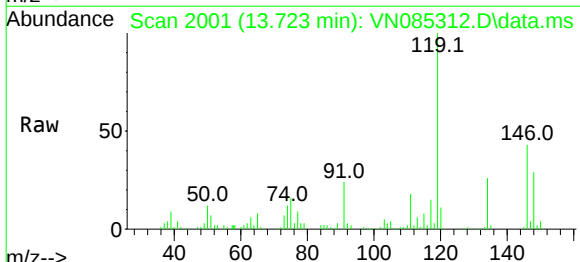
RT: 13.723 min Scan# 2001

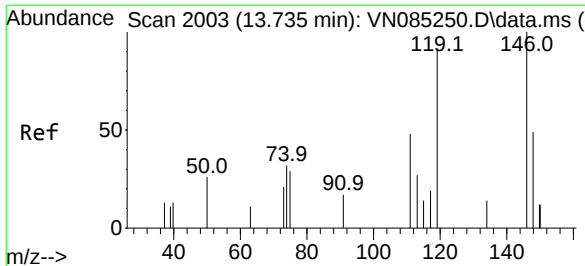
Delta R.T. -0.006 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

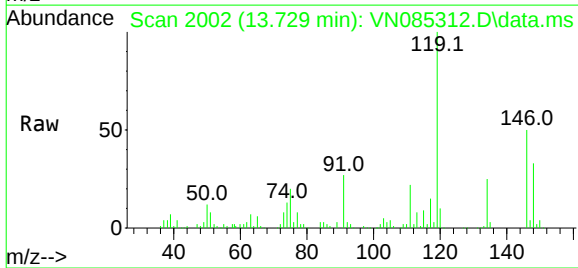
Tgt Ion:119 Resp: 123538
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 25.3 13.0 38.9





#87
1,3-Dichlorobenzene
Concen: 18.549 ug/l
RT: 13.729 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

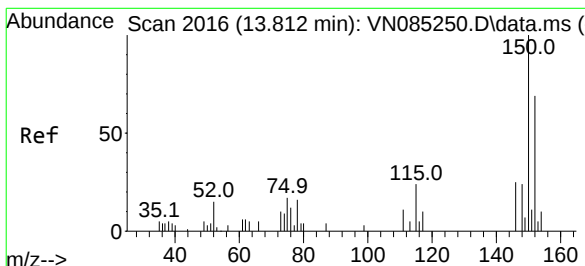
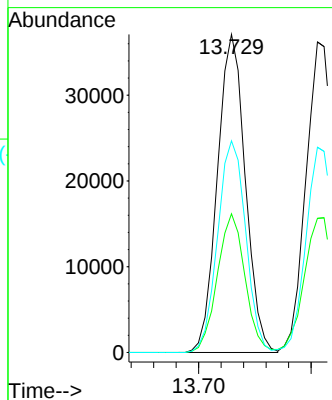
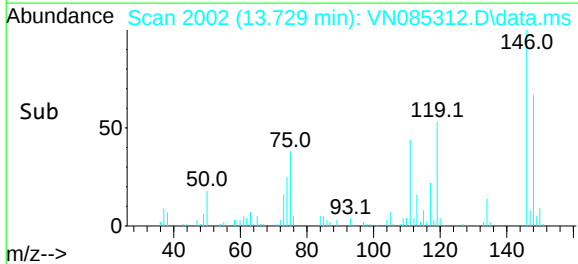
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01



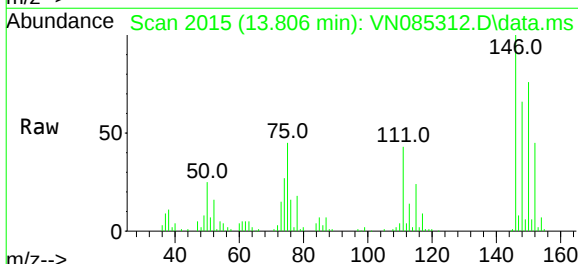
Tgt Ion:146 Resp: 63958
Ion Ratio Lower Upper
146 100
111 43.1 21.5 64.5
148 66.9 31.4 94.0

Manual Integrations
APPROVED

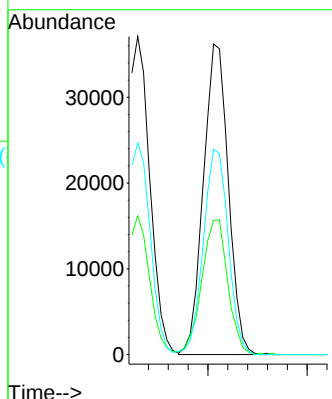
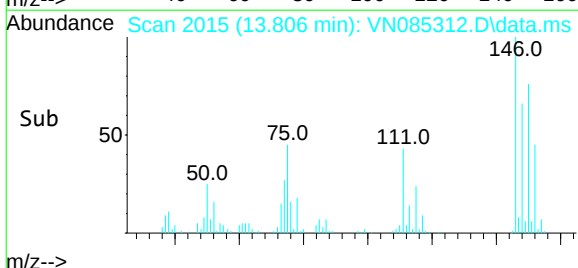
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

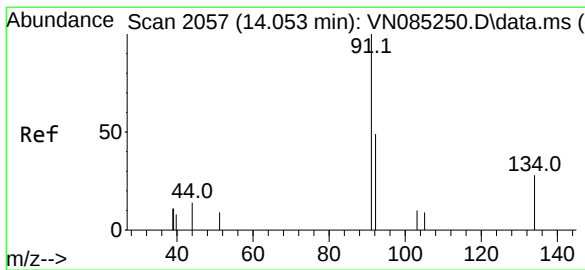


#88
1,4-Dichlorobenzene
Concen: 17.743 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49



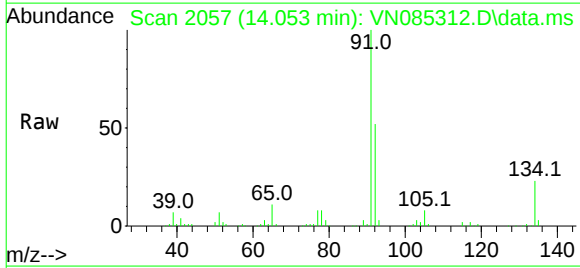
Tgt Ion:146 Resp: 63301
Ion Ratio Lower Upper
146 100
111 45.5 20.8 62.5
148 66.0 31.9 95.9





#89
n-Butylbenzene
Concen: 20.596 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

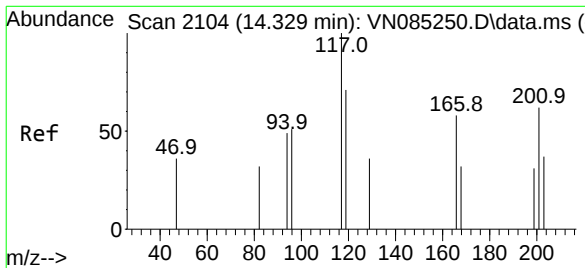
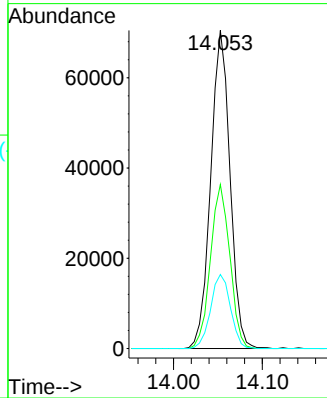
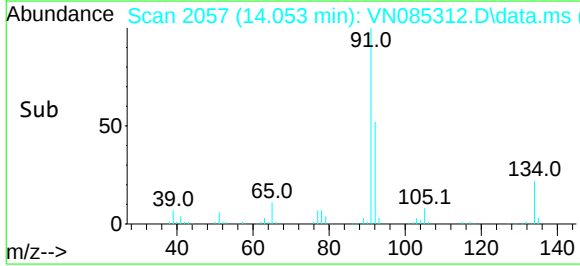
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01



Tgt Ion: 91 Resp: 106521
Ion Ratio Lower Upper
91 100
92 51.7 25.8 77.3
134 23.9 12.0 36.0

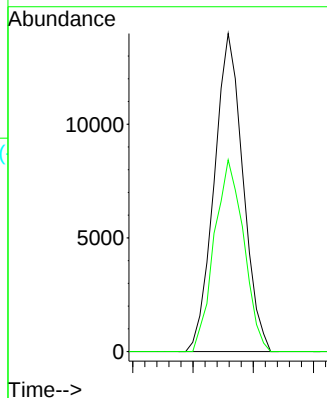
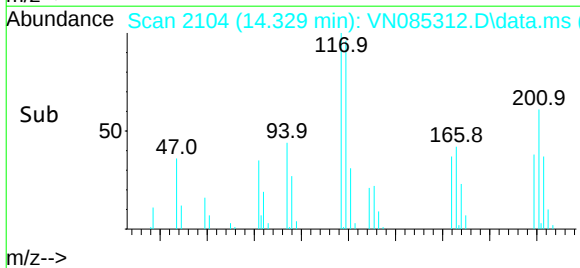
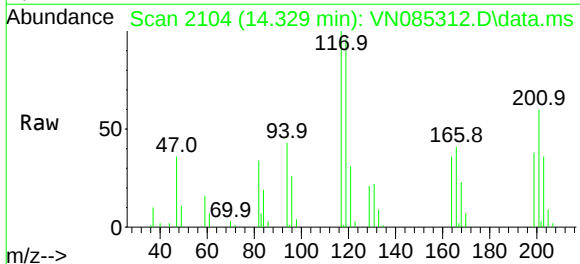
Manual Integrations
APPROVED

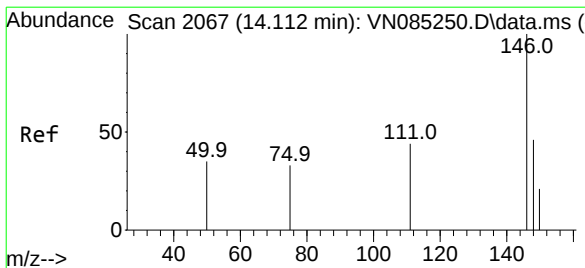
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#90
Hexachloroethane
Concen: 17.995 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN085312.D
Acq: 26 Dec 2024 12:49

Tgt Ion:117 Resp: 23248
Ion Ratio Lower Upper
117 100
201 61.7 31.9 95.7





#91

1,2-Dichlorobenzene

Concen: 19.439 ug/l

RT: 14.100 min Scan# 2067

Delta R.T. -0.006 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBS01

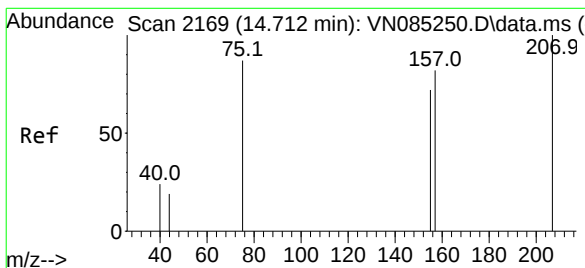
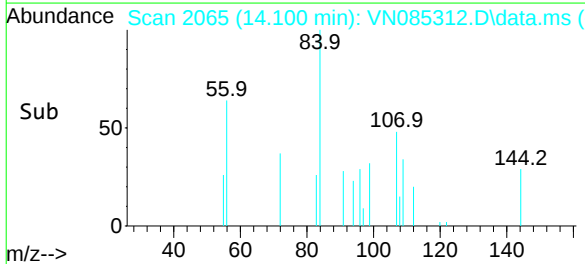
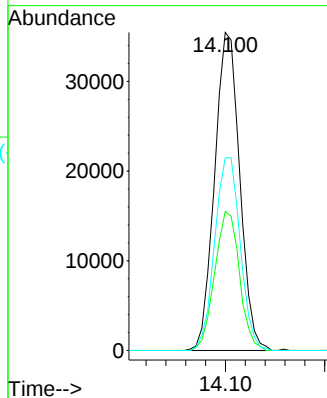
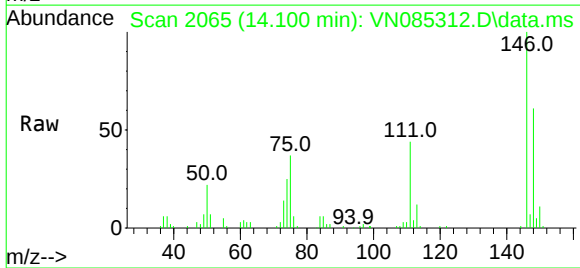
Tgt Ion:	146	Resp:	62341
Ion	Ratio	Lower	Upper
146	100		
111	43.1	22.1	66.1
148	61.7	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.300 ug/l

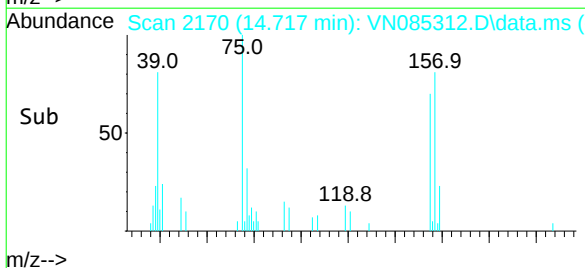
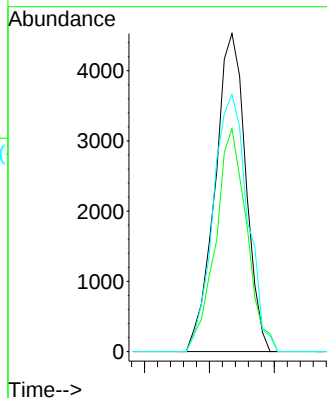
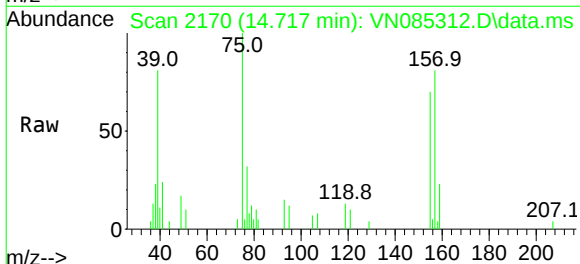
RT: 14.717 min Scan# 2170

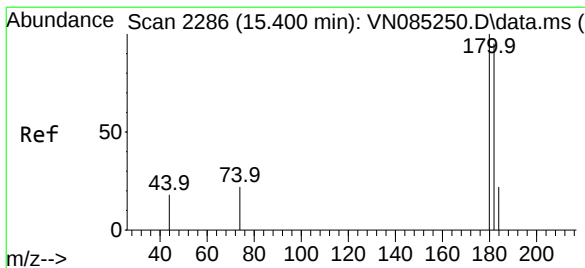
Delta R.T. -0.000 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

Tgt Ion:	75	Resp:	7455
Ion	Ratio	Lower	Upper
75	100		
155	71.0	35.4	106.2
157	90.5	43.3	129.9





#93

1,2,4-Trichlorobenzene

Concen: 18.442 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN085312.D

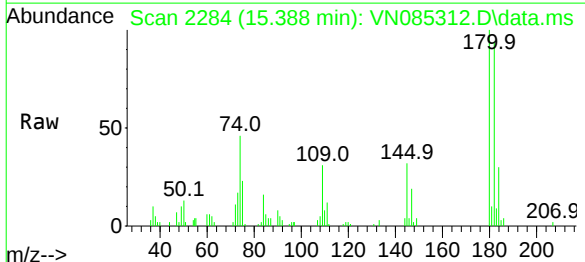
Acq: 26 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBS01



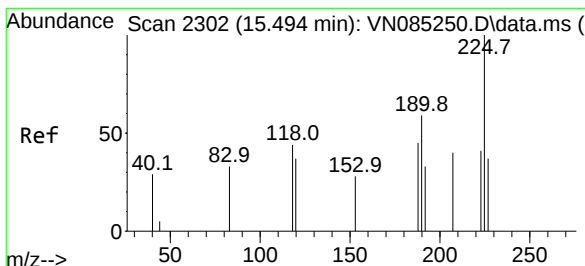
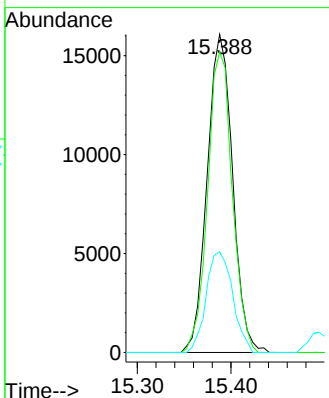
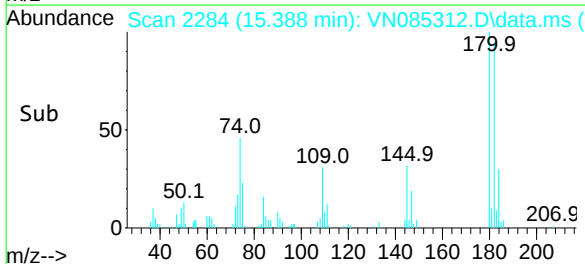
Tgt Ion:	180	Resp:	30275
Ion Ratio	Lower	Upper	
180	100		
182	91.6	46.3	138.8
145	33.0	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#94

Hexachlorobutadiene

Concen: 17.034 ug/l

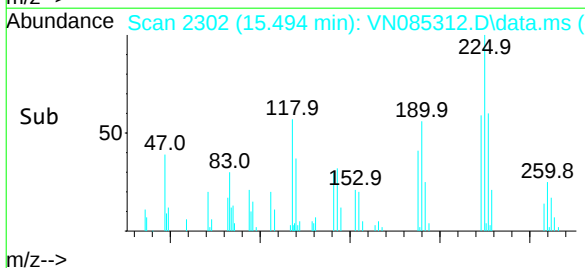
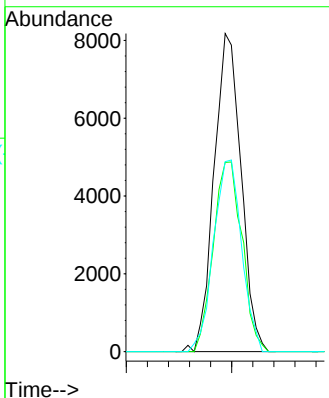
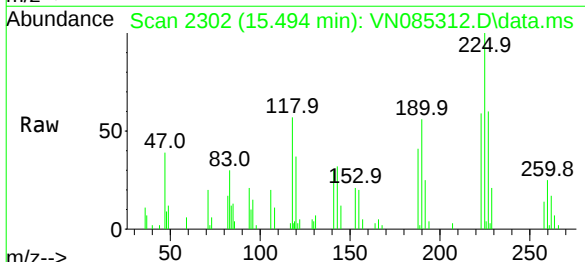
RT: 15.494 min Scan# 2302

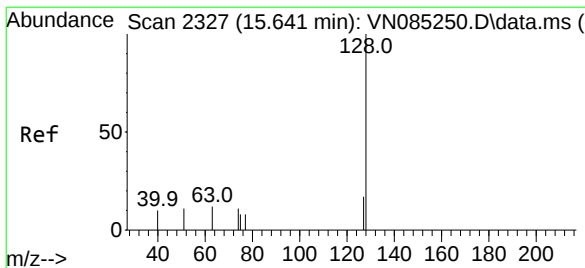
Delta R.T. -0.000 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

Tgt Ion:	225	Resp:	14534
Ion Ratio	Lower	Upper	
225	100		
223	63.4	34.1	102.2
227	62.5	33.2	99.6





#95

Naphthalene

Concen: 17.025 ug/l

RT: 15.635 min Scan# 23

Delta R.T. -0.006 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBS01

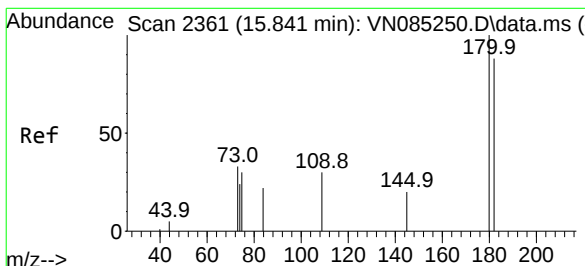
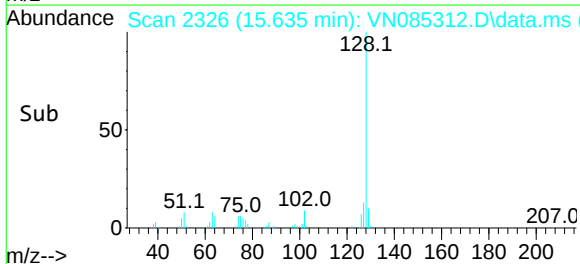
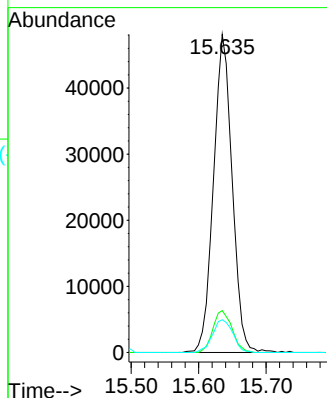
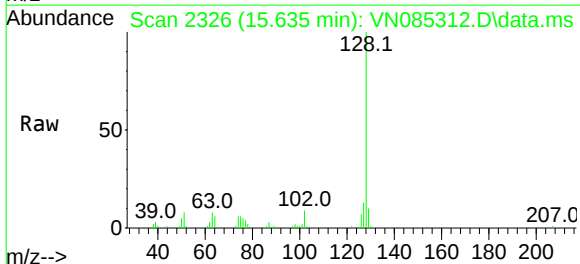
Tgt Ion:	128	Resp:	92556
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.3	15.5
129	11.2	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.858 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085312.D

Acq: 26 Dec 2024 12:49

Tgt Ion:	180	Resp:	29283
Ion Ratio	Lower	Upper	
180	100		
182	91.6	46.9	140.6
145	34.3	17.6	52.8

