

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
 Data File : VN083503.D
 Acq On : 27 Aug 2024 12:40
 Operator : JC\MD
 Sample : PB162992ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 28 01:44:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	108530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	223896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103055	66.711	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 133.420%#	
35) Dibromofluoromethane	8.165	113	81455	58.286	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 116.580%	
50) Toluene-d8	10.565	98	302922	58.108	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 116.220%#	
62) 4-Bromofluorobenzene	12.847	95	138223	68.012	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 136.020%#	
Target Compounds						Qvalue
3) Chloromethane	2.359	50	1126	0.894	ug/l	98
6) Chloroethane	2.942	64	284	0.353	ug/l #	52
11) Tert butyl alcohol	5.483	59	2342	7.295	ug/l #	71
13) Acrolein	4.177	56	182	0.870	ug/l	90
16) Acetone	4.436	43	18848	31.181	ug/l	95
17) Carbon Disulfide	4.712	76	1886	0.536	ug/l #	75
18) Methyl Acetate	5.030	43	6528	3.625	ug/l #	91
20) Methylene Chloride	5.271	84	5436	3.907	ug/l #	89
25) 2-Butanone	7.489	43	2286	2.463	ug/l	93
29) Tetrahydrofuran	7.859	42	392	0.653	ug/l #	38
31) Cyclohexane	8.218	56	2933	1.281	ug/l #	27
37) Ethyl Acetate	7.565	43	4076	1.722	ug/l #	91
38) Carbon Tetrachloride	8.218	117	12447	5.227	ug/l #	16
42) 1,2-Dichloroethane	8.677	62	691	0.301	ug/l #	78
43) Isopropyl Acetate	8.688	43	266638	66.231	ug/l #	83
44) Trichloroethene	9.353	130	332	0.221	ug/l	93
45) 1,2-Dichloropropane	9.735	63	1420	0.950	ug/l #	44
48) Methyl methacrylate	9.665	41	4067	2.078	ug/l #	52
49) 1,4-Dioxane	9.747	88	53	1.501	ug/l #	1
51) 4-Methyl-2-Pentanone	10.441	43	9732	4.348	ug/l #	72
53) t-1,3-Dichloropropene	10.835	75	733	0.297	ug/l #	87
54) cis-1,3-Dichloropropene	10.359	75	53375	20.333	ug/l #	53
57) 1,3-Dichloropropane	11.200	76	6729	2.647	ug/l #	43
59) 2-Hexanone	11.200	43	86184	49.769	ug/l #	58
65) Chlorobenzene	11.888	112	1463	0.264	ug/l	95
67) Ethyl Benzene	11.959	91	2063	0.203	ug/l #	79
68) m/p-Xylenes	12.065	106	1596	0.419	ug/l	93
70) Styrene	12.412	104	1923	0.305	ug/l	91
74) N-amyl acetate	12.488	43	2328	0.467	ug/l #	56
76) 1,2,3-Trichloropropane	12.847	75	75600	28.248	ug/l #	1
77) Bromobenzene	12.982	156	848	0.374	ug/l	93
78) n-propylbenzene	13.035	91	3280	0.279	ug/l	97
79) 2-Chlorotoluene	13.123	91	2166	0.291	ug/l	82
81) trans-1,4-Dichloro-2-b...	12.847	75	75600	61.447	ug/l #	6
82) 4-Chlorotoluene	13.218	91	3641	0.488	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	2111	0.245	ug/l	96

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Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration

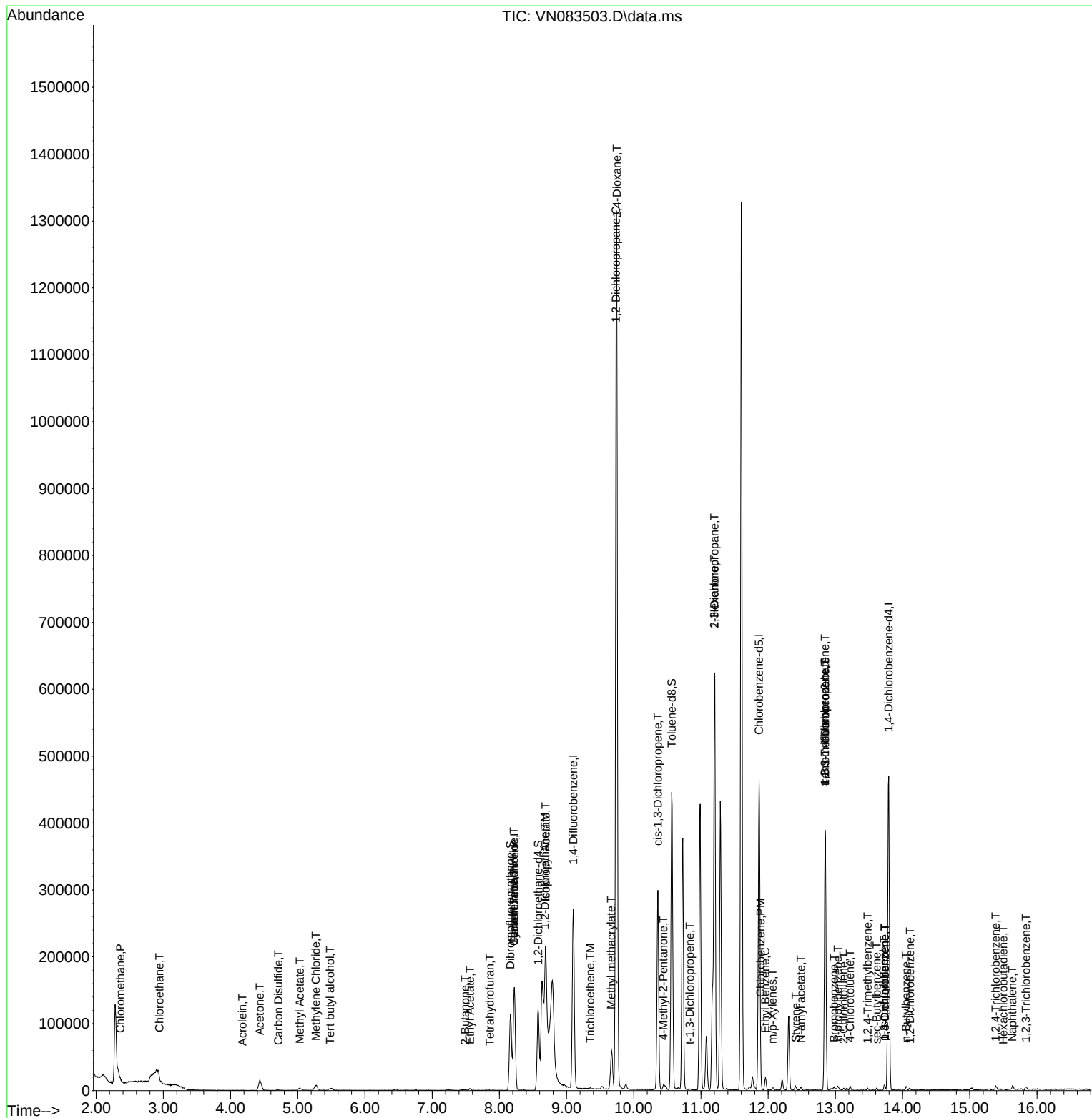
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.618	105	2174	0.211	ug/l	98
86) p-Isopropyltoluene	13.723	119	2159	0.253	ug/l	88
87) 1,3-Dichlorobenzene	13.735	146	2653	0.622	ug/l	97
88) 1,4-Dichlorobenzene	13.735	146	2653	0.617	ug/l	95
89) n-Butylbenzene	14.053	91	3367	0.456	ug/l	100
91) 1,2-Dichlorobenzene	14.112	146	1710	0.414	ug/l	87
93) 1,2,4-Trichlorobenzene	15.388	180	1836	0.794	ug/l	96
94) Hexachlorobutadiene	15.500	225	363	0.353	ug/l	67
95) Naphthalene	15.635	128	5003	0.611	ug/l	97
96) 1,2,3-Trichlorobenzene	15.835	180	1773	0.775	ug/l	96

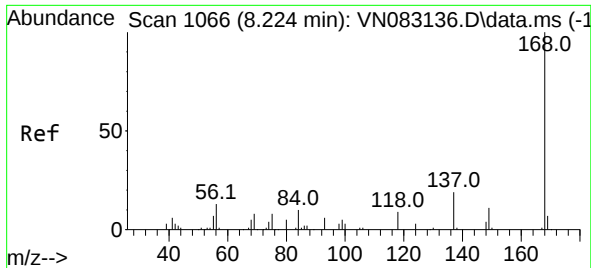
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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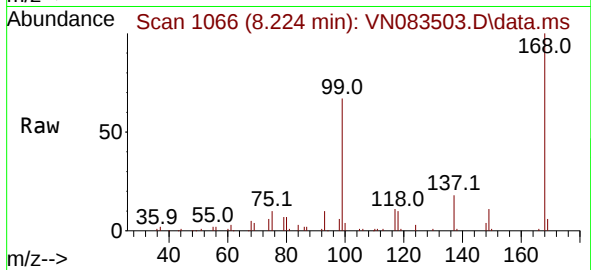
Quant Time: Aug 28 01:44:04 2024
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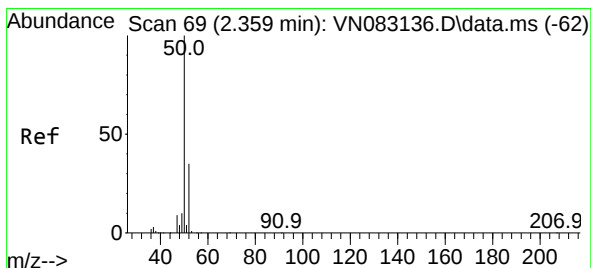
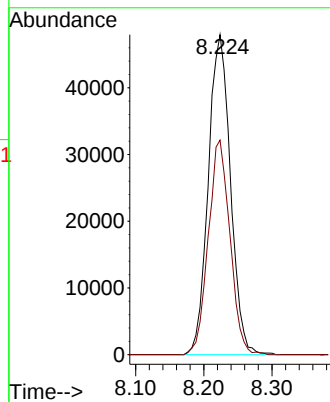
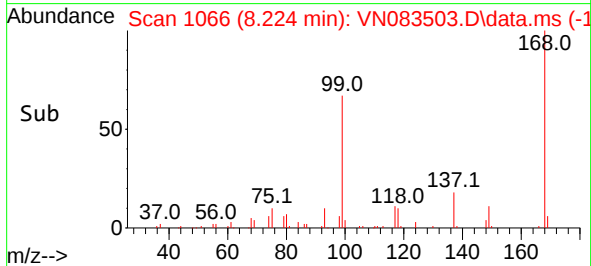


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083503.D
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ClientSampleId :

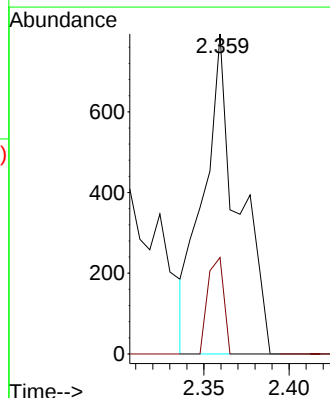
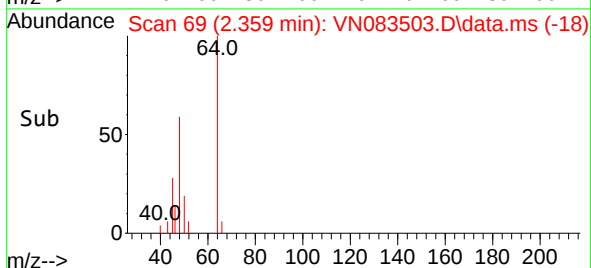
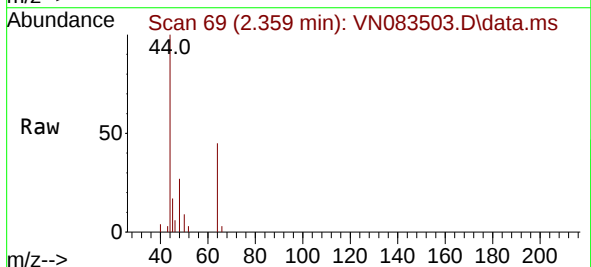


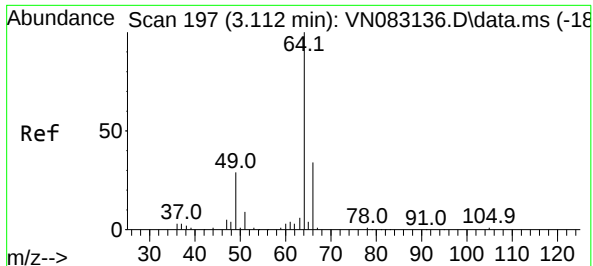
Tgt Ion:168 Resp: 108530
Ion Ratio Lower Upper
168 100
99 67.1 48.2 72.4



#3
Chloromethane
Concen: 0.894 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

Tgt Ion: 50 Resp: 1126
Ion Ratio Lower Upper
50 100
52 30.1 25.0 37.4

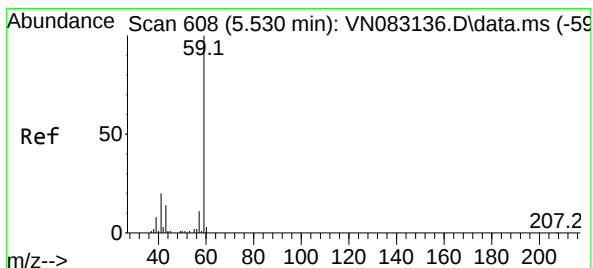
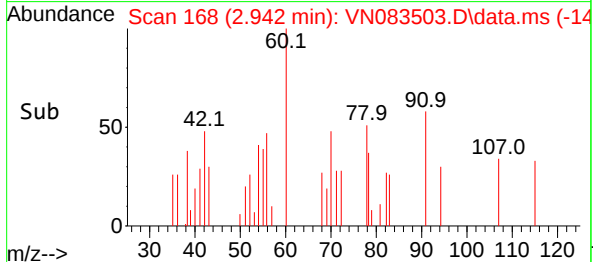
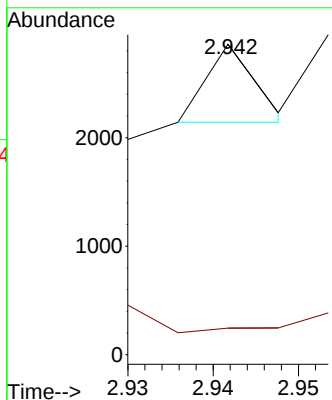
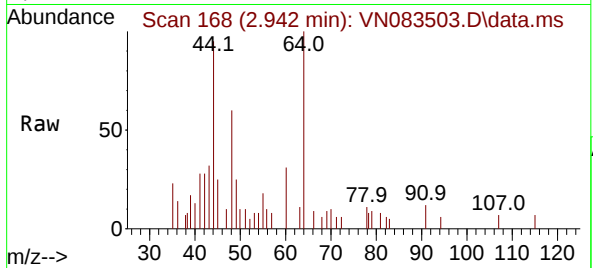




#6
Chloroethane
Concen: 0.353 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.171 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

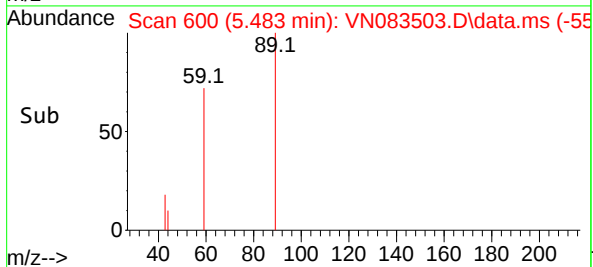
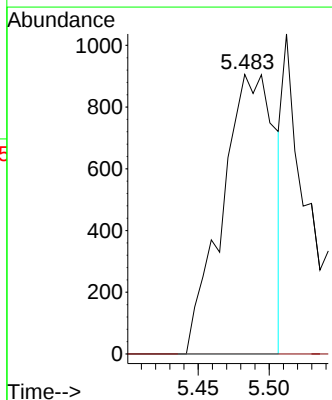
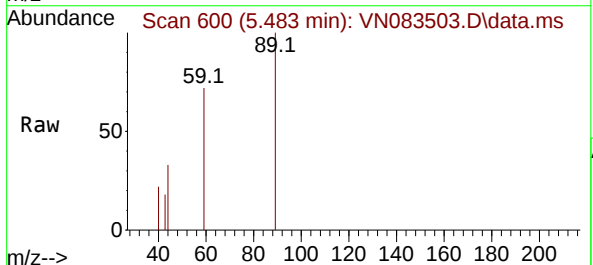
Instrument :
MSVOA_N
ClientSampleId :

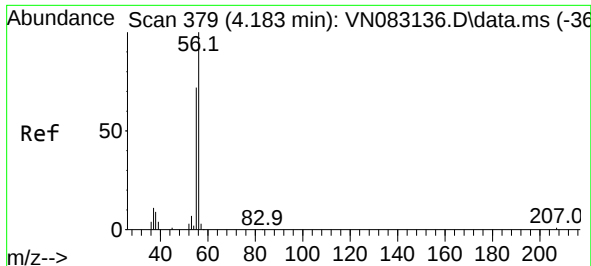
Tgt Ion: 64 Resp: 284
Ion Ratio Lower Upper
64 100
66 6.0 26.6 40.0#



#11
Tert butyl alcohol
Concen: 7.295 ug/l
RT: 5.483 min Scan# 600
Delta R.T. -0.047 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

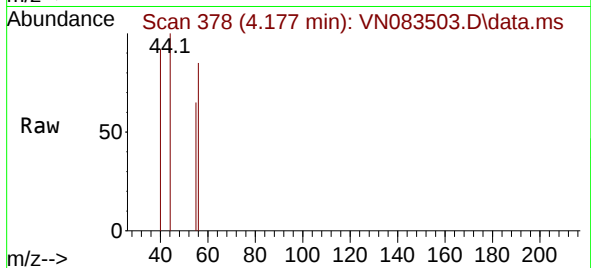
Tgt Ion: 59 Resp: 2342
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



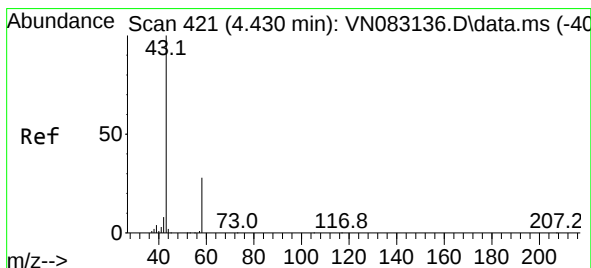
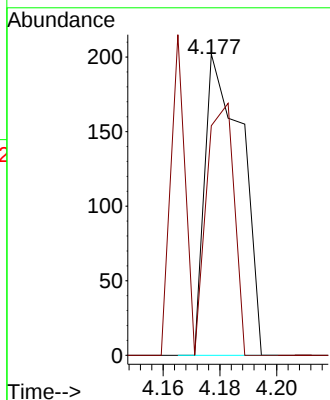
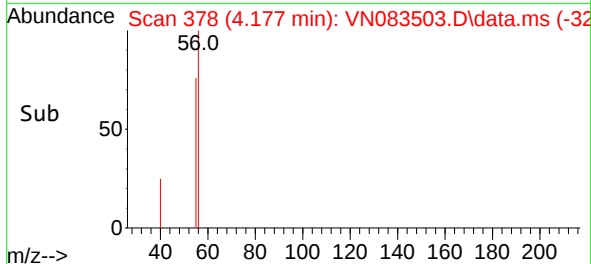


#13
Acrolein
Concen: 0.870 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :

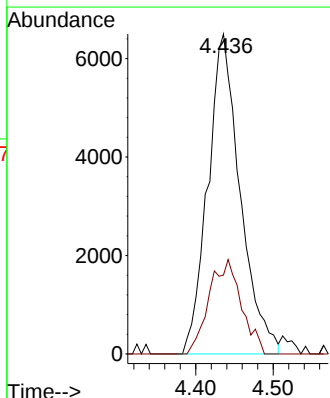
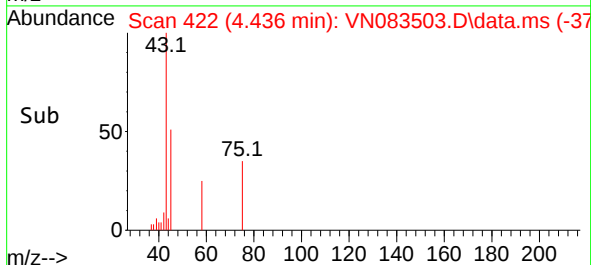
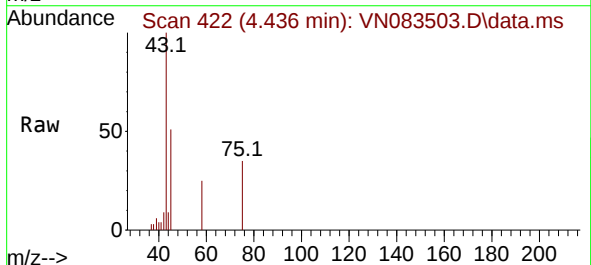


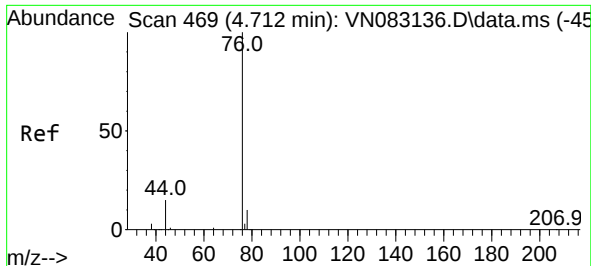
Tgt Ion: 56 Resp: 182
Ion Ratio Lower Upper
56 100
55 62.6 56.4 84.6



#16
Acetone
Concen: 31.181 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

Tgt Ion: 43 Resp: 18848
Ion Ratio Lower Upper
43 100
58 24.7 21.8 32.6

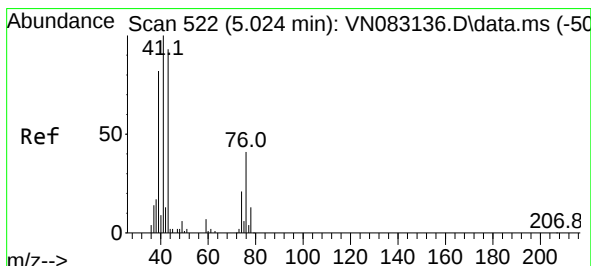
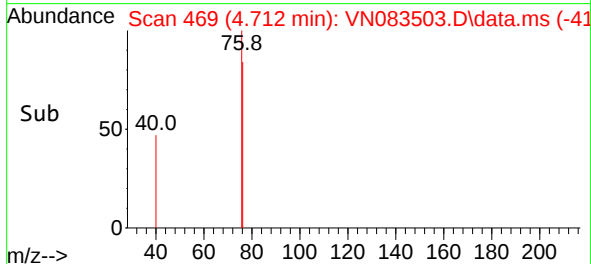
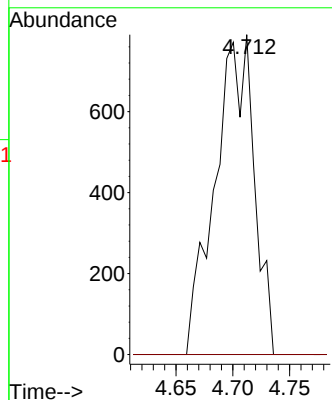
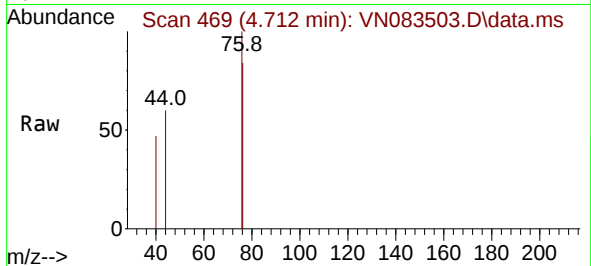




#17
Carbon Disulfide
Concen: 0.536 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

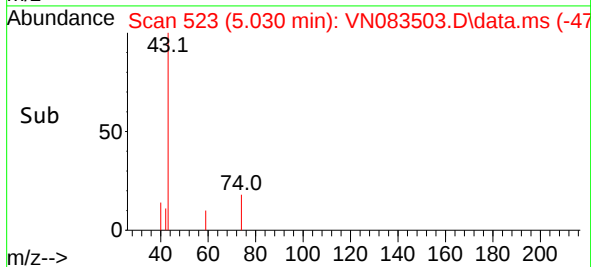
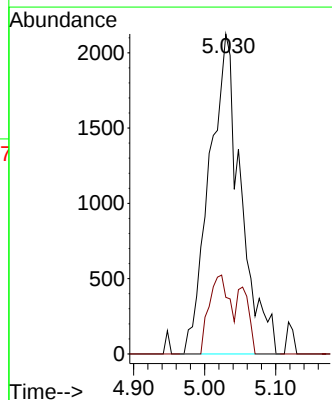
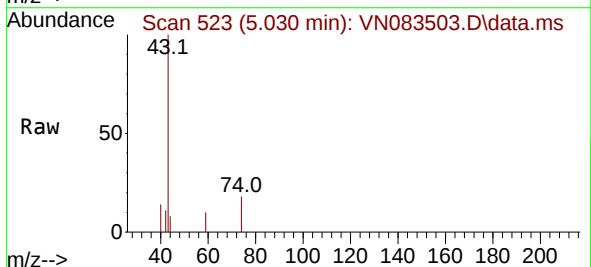
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MSVOA_N
ClientSampleId :

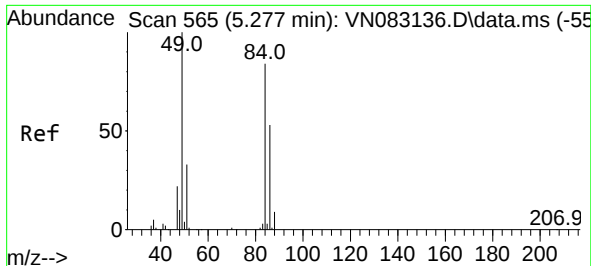
Tgt Ion: 76 Resp: 1886
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 3.625 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

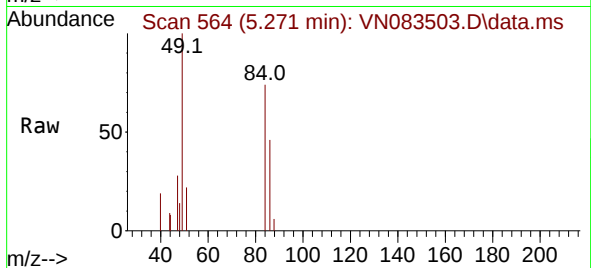
Tgt Ion: 43 Resp: 6528
Ion Ratio Lower Upper
43 100
74 16.2 16.3 24.5#



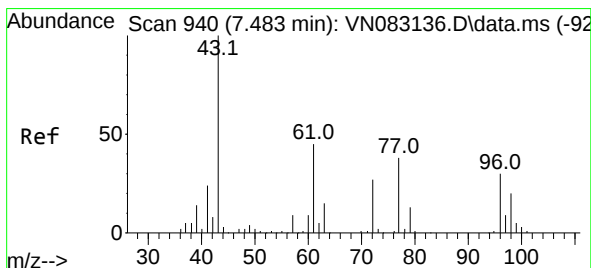
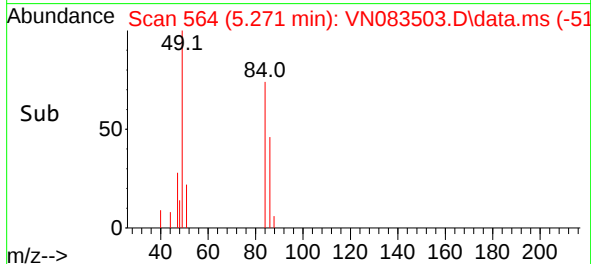
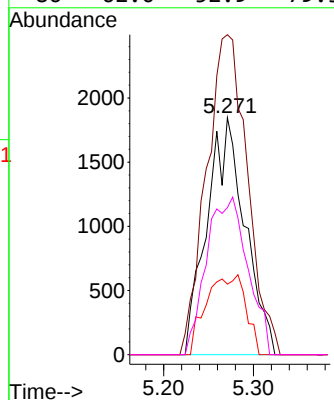


#20
Methylene Chloride
Concen: 3.907 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :

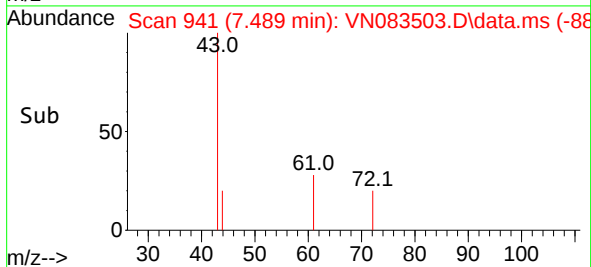
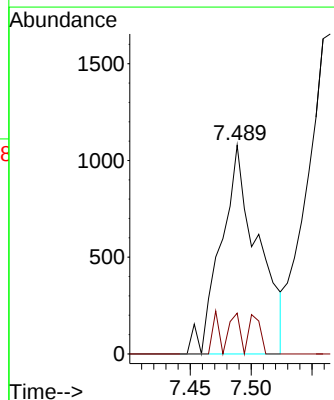
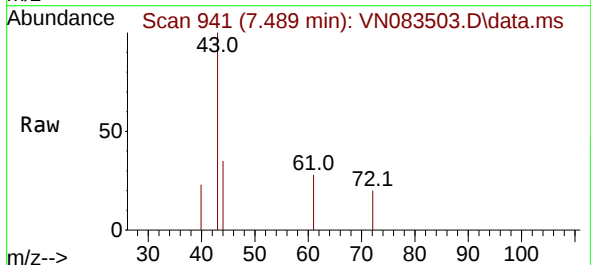


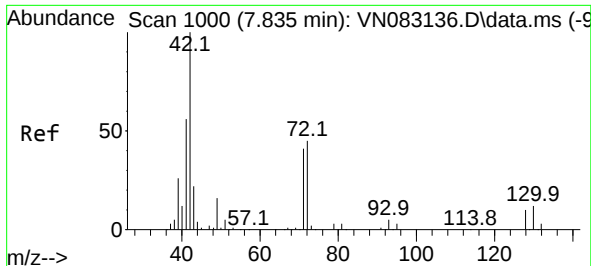
Tgt Ion:	84	Resp:	5436
Ion	Ratio	Lower	Upper
84	100		
49	135.0	119.6	179.4
51	29.7	34.8	52.2#
86	62.0	52.9	79.3



#25
2-Butanone
Concen: 2.463 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

Tgt Ion:	43	Resp:	2286
Ion	Ratio	Lower	Upper
43	100		
72	19.6	18.2	27.2





#29

Tetrahydrofuran

Concen: 0.653 ug/l

RT: 7.859 min Scan# 1004

Delta R.T. 0.024 min

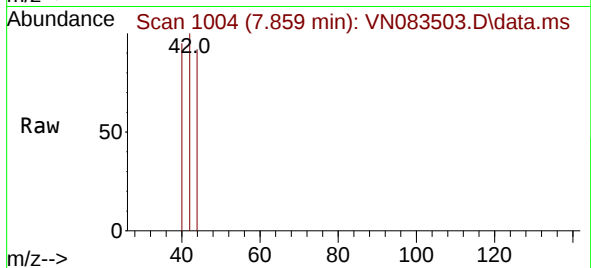
Lab File: VN083503.D

Acq: 27 Aug 2024 12:40

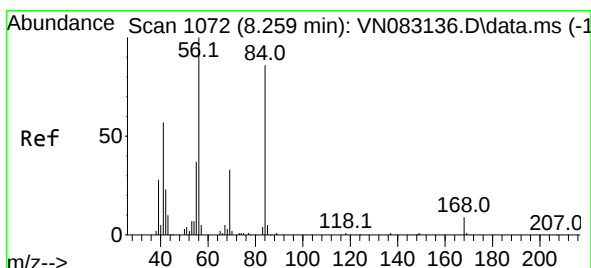
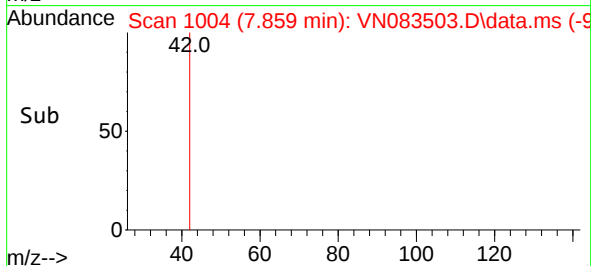
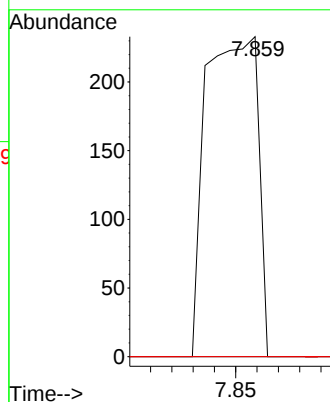
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	392
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.0	45.0#
71	0.0	28.3	42.5#



#31

Cyclohexane

Concen: 1.281 ug/l

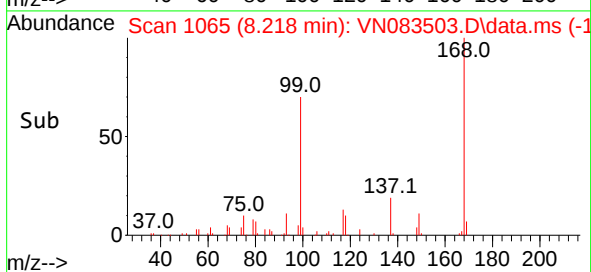
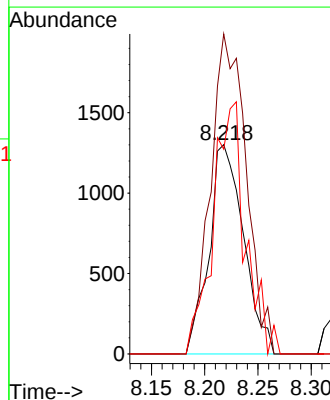
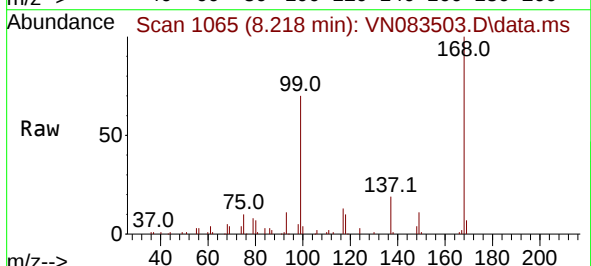
RT: 8.218 min Scan# 1065

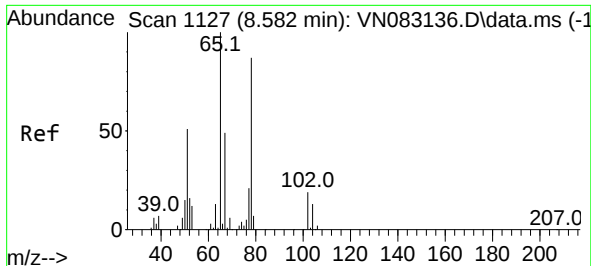
Delta R.T. -0.041 min

Lab File: VN083503.D

Acq: 27 Aug 2024 12:40

Tgt Ion:	56	Resp:	2933
Ion	Ratio	Lower	Upper
56	100		
69	153.0	24.5	36.7#
84	97.9	66.0	99.0





#33

1,2-Dichloroethane-d4

Concen: 66.711 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083503.D

Acq: 27 Aug 2024 12:40

Instrument :

MSVOA_N

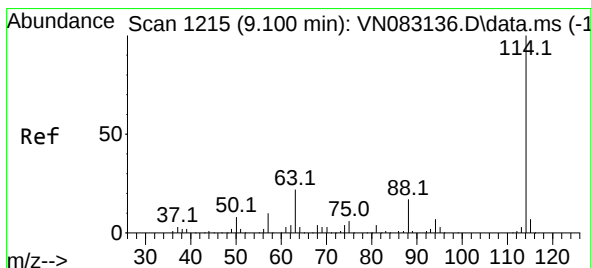
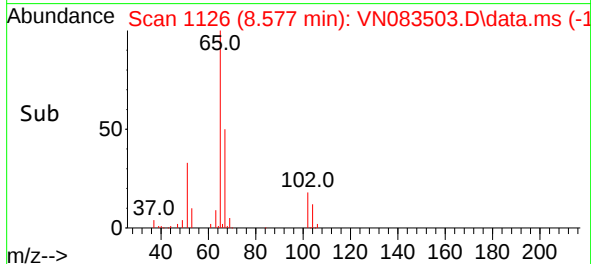
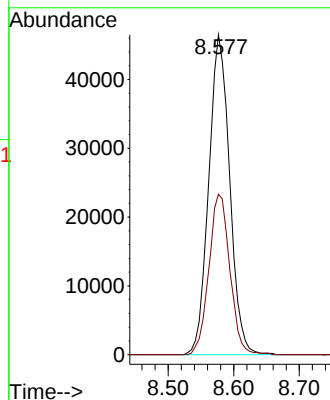
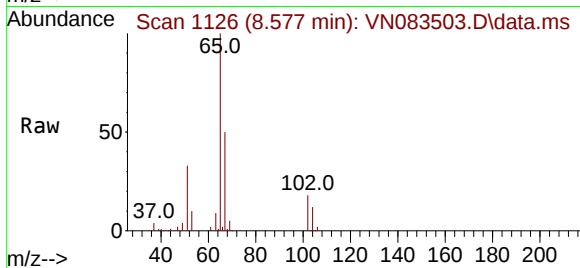
ClientSampleId :

Tgt Ion: 65 Resp: 103055

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083503.D

Acq: 27 Aug 2024 12:40

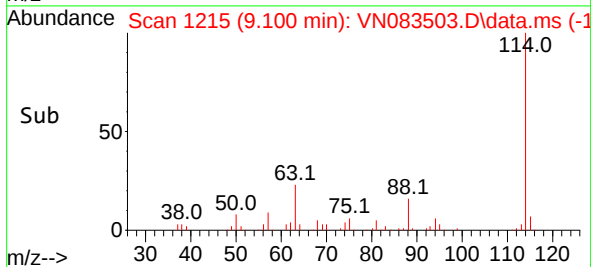
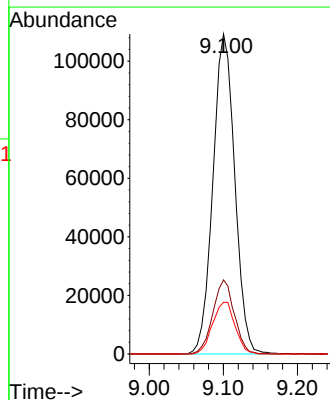
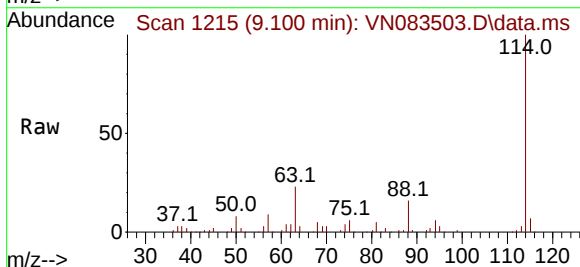
Tgt Ion: 114 Resp: 223896

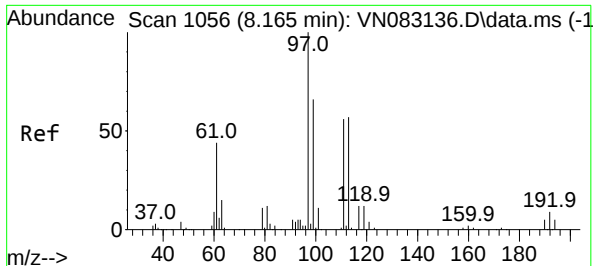
Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.6

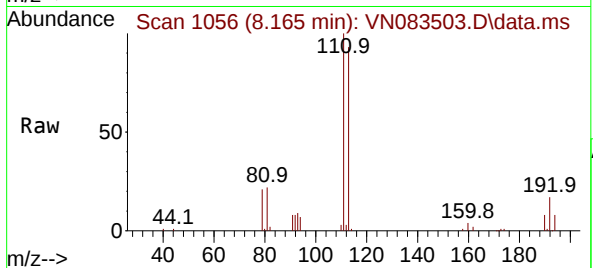
88 16.1 0.0 31.4



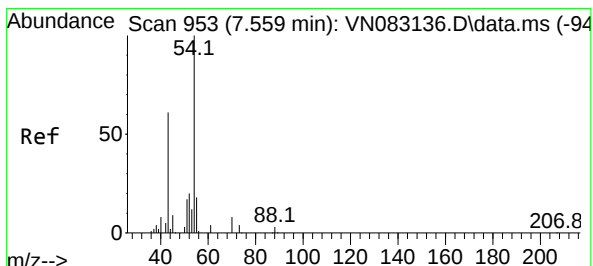
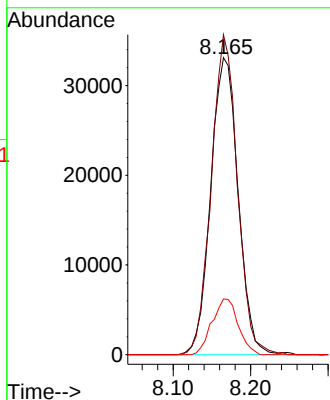
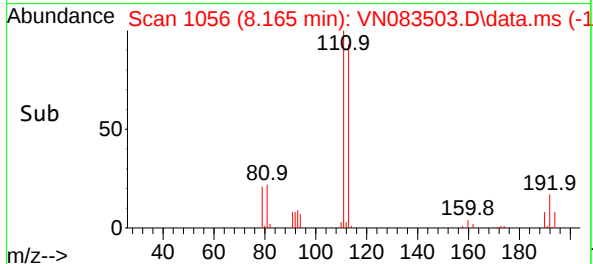


#35
Dibromofluoromethane
Concen: 58.286 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :

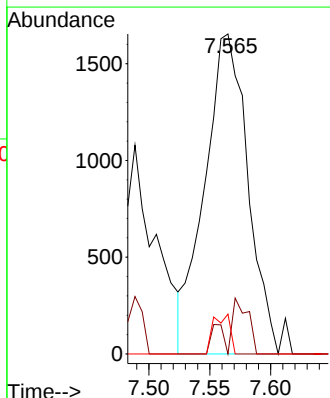
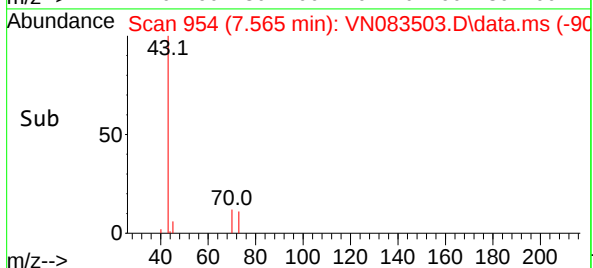
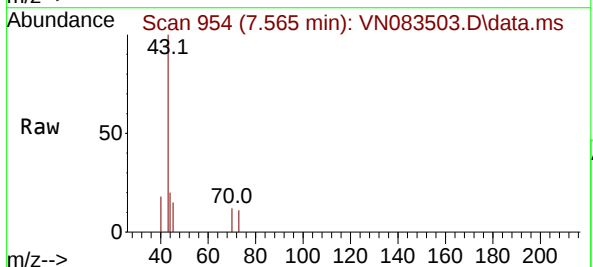


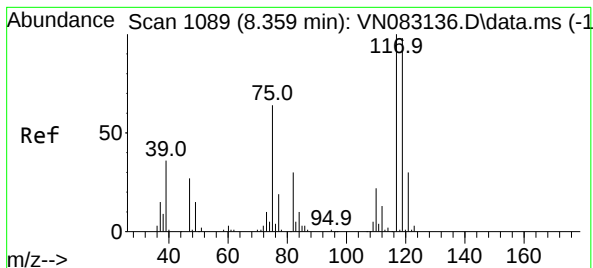
Tgt Ion:113 Resp: 81455
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 17.9 14.9 22.3



#37
Ethyl Acetate
Concen: 1.722 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

Tgt Ion: 43 Resp: 4076
Ion Ratio Lower Upper
43 100
61 8.8 9.3 13.9#
70 4.8 7.0 10.6#





#38

Carbon Tetrachloride

Concen: 5.227 ug/l

RT: 8.218 min Scan# 110

Delta R.T. -0.141 min

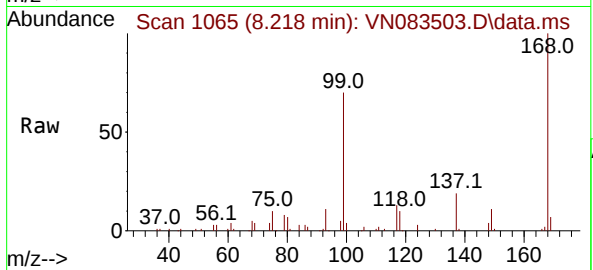
Lab File: VN083503.D

Acq: 27 Aug 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :



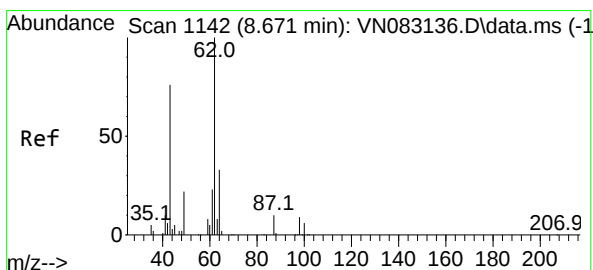
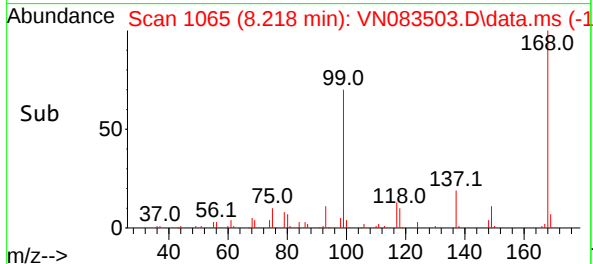
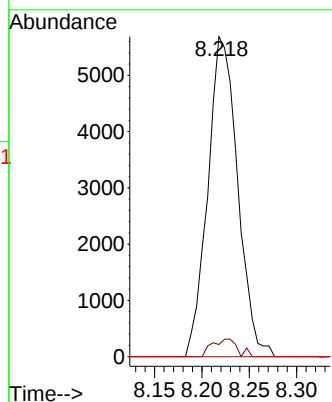
Tgt Ion:117 Resp: 12447

Ion Ratio Lower Upper

117 100

119 3.8 74.9 112.3#

121 0.0 24.3 36.5#



#42

1,2-Dichloroethane

Concen: 0.301 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN083503.D

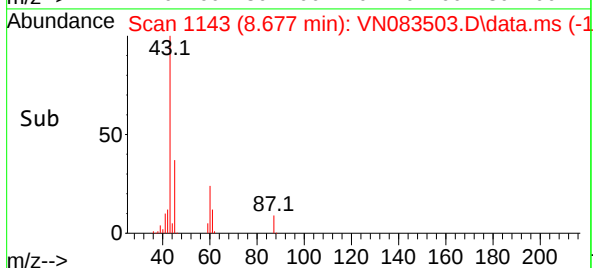
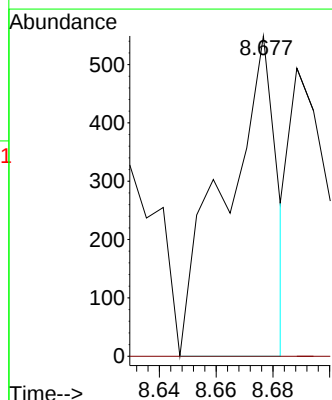
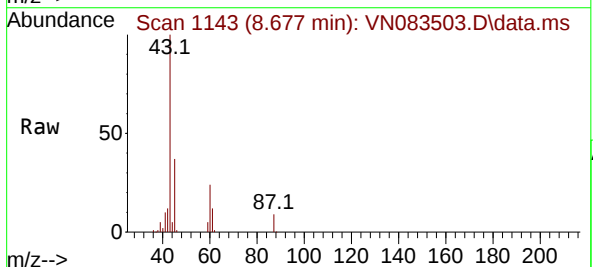
Acq: 27 Aug 2024 12:40

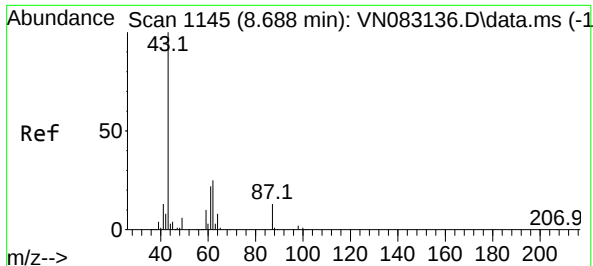
Tgt Ion: 62 Resp: 691

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8





#43

Isopropyl Acetate

Concen: 66.231 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

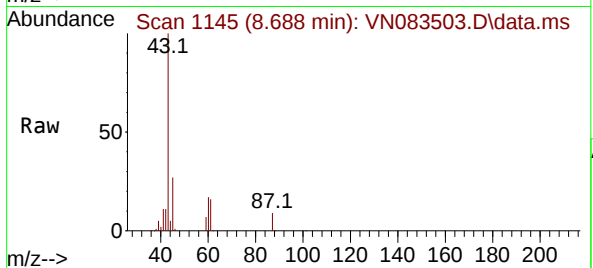
Lab File: VN083503.D

Acq: 27 Aug 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :



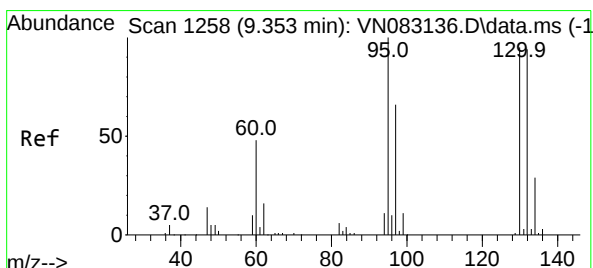
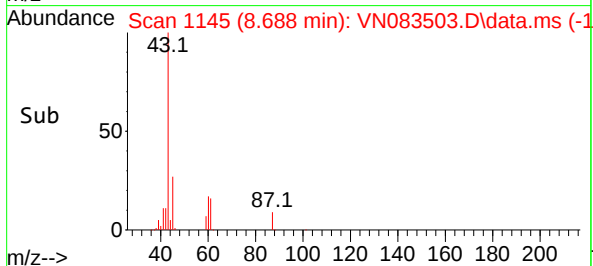
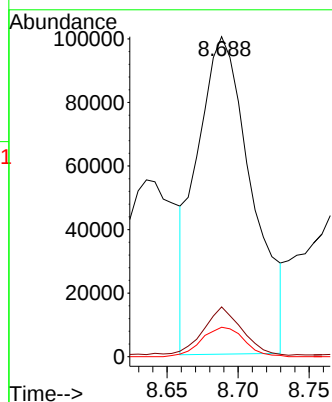
Tgt Ion: 43 Resp: 266638

Ion Ratio Lower Upper

43 100

61 12.2 17.8 26.6#

87 7.3 8.2 12.2#



#44

Trichloroethene

Concen: 0.221 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN083503.D

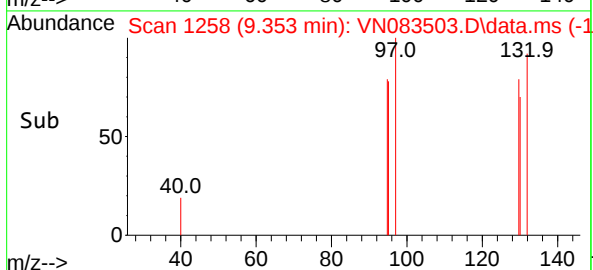
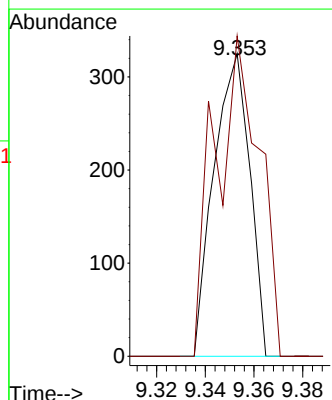
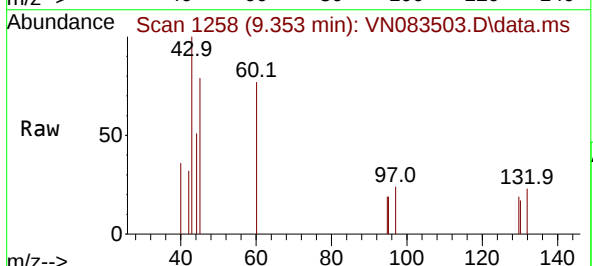
Acq: 27 Aug 2024 12:40

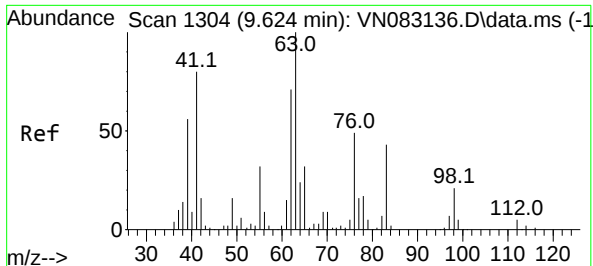
Tgt Ion:130 Resp: 332

Ion Ratio Lower Upper

130 100

95 105.8 0.0 197.8





#45

1,2-Dichloropropane

Concen: 0.950 ug/l

RT: 9.735 min Scan# 11

Delta R.T. 0.112 min

Lab File: VN083503.D

Acq: 27 Aug 2024 12:40

Instrument :

MSVOA_N

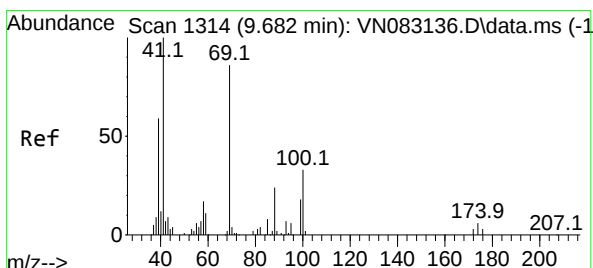
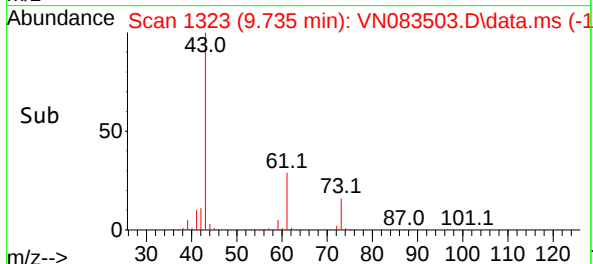
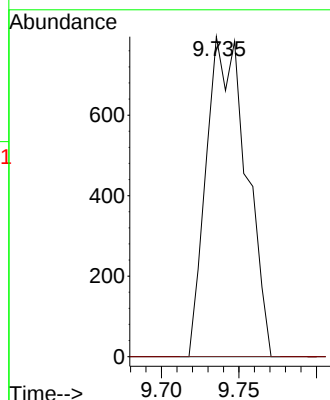
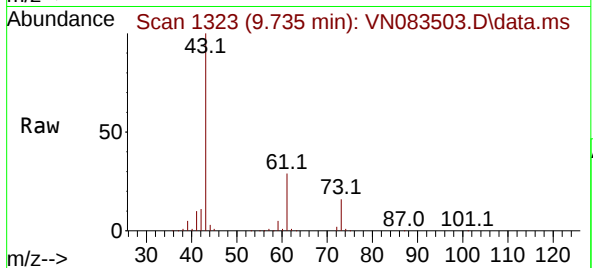
ClientSampleId :

Tgt Ion: 63 Resp: 1420

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



#48

Methyl methacrylate

Concen: 2.078 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.018 min

Lab File: VN083503.D

Acq: 27 Aug 2024 12:40

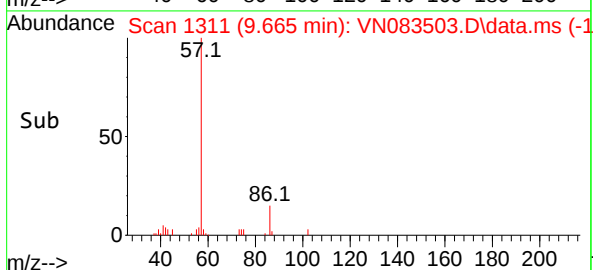
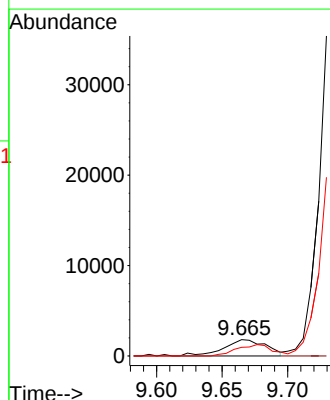
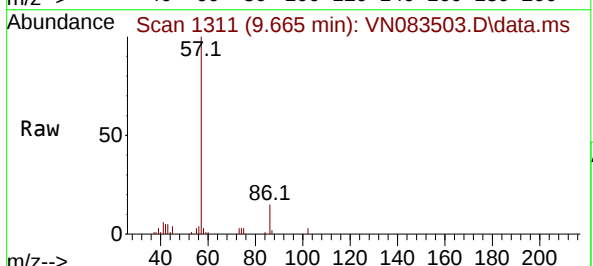
Tgt Ion: 41 Resp: 4067

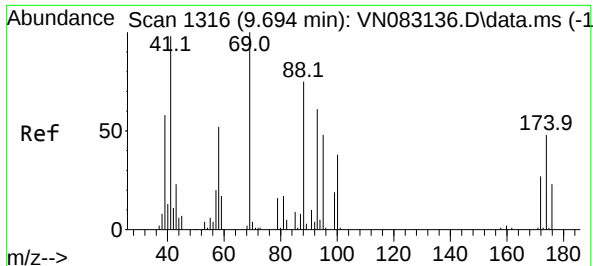
Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

39 58.6 50.3 75.5

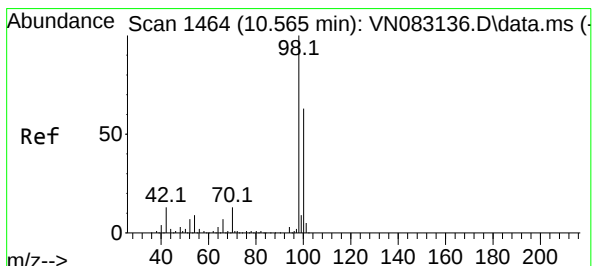
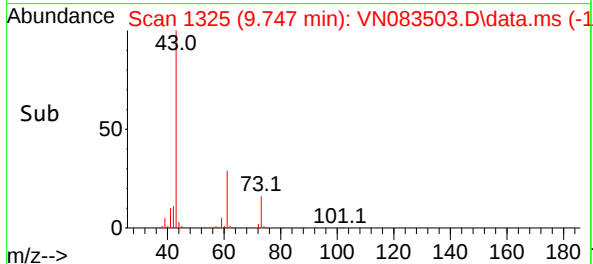
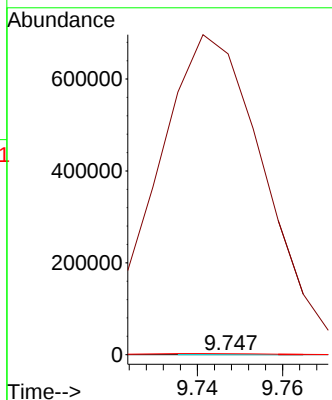
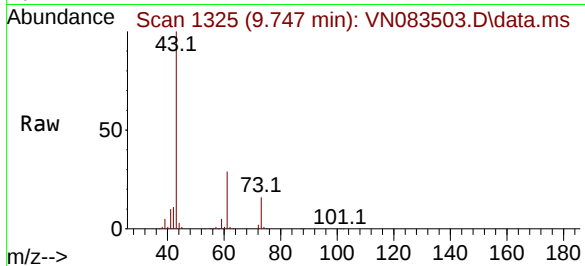




#49
1,4-Dioxane
Concen: 1.501 ug/l
RT: 9.747 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

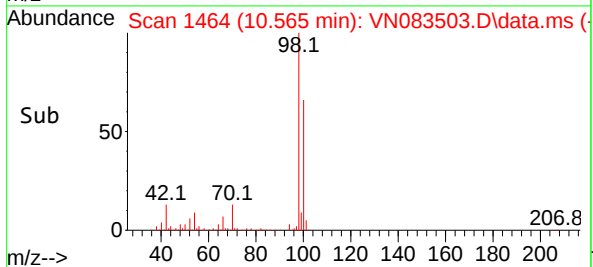
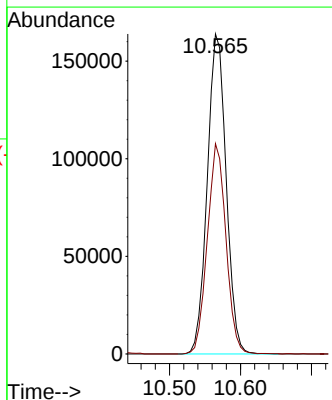
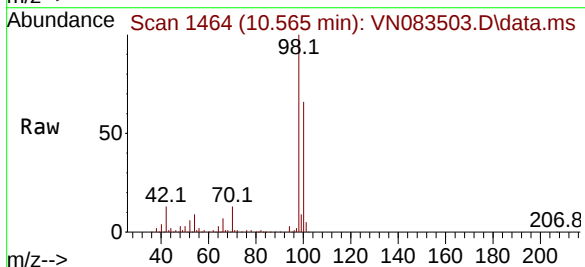
Instrument :
MSVOA_N
ClientSampleId :

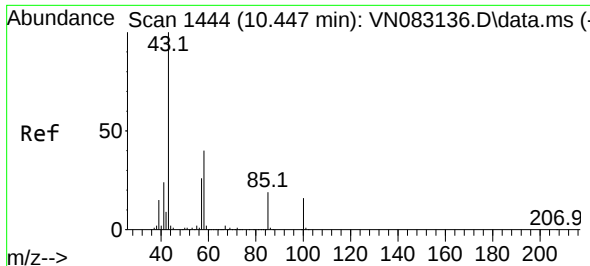
Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
43 2374600.0 27.8 41.8#
58 9656.6 59.4 89.0#



#50
Toluene-d8
Concen: 58.108 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

Tgt Ion: 98 Resp: 302922
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3

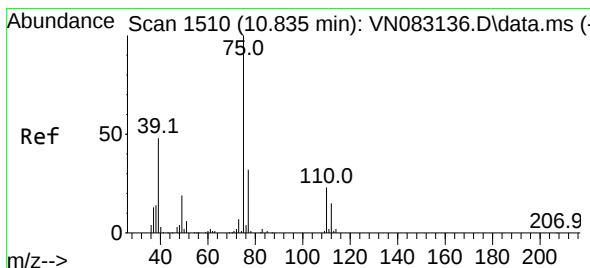
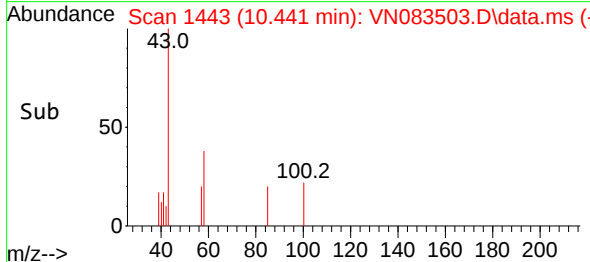
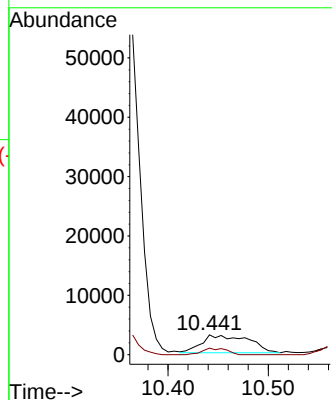
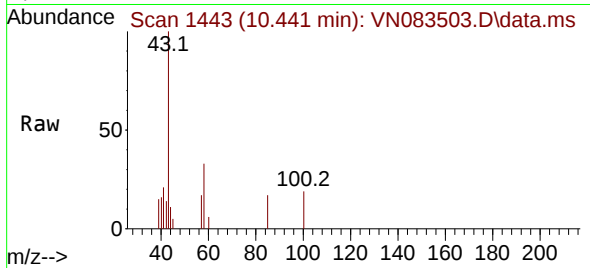




#51
4-Methyl-2-Pentanone
Concen: 4.348 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

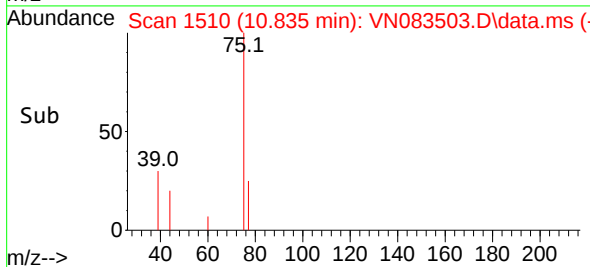
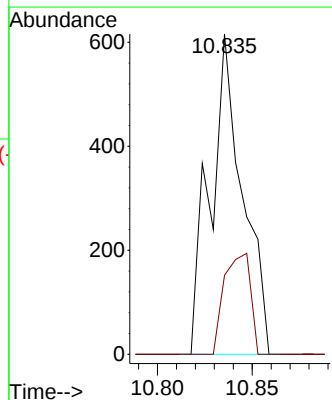
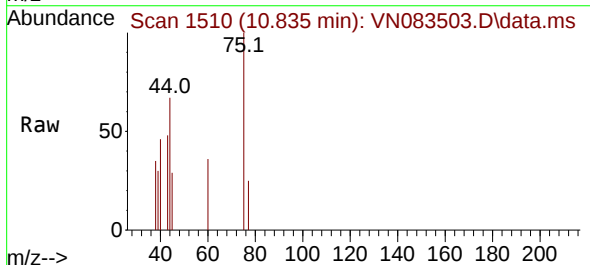
Instrument :
MSVOA_N
ClientSampleId :

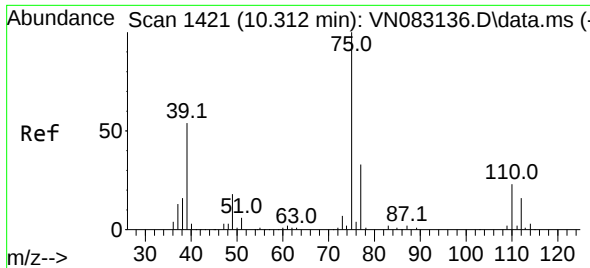
Tgt Ion: 43 Resp: 9732
Ion Ratio Lower Upper
43 100
58 18.8 28.2 42.4#



#53
t-1,3-Dichloropropene
Concen: 0.297 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

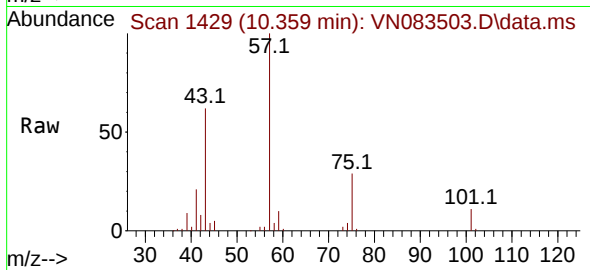
Tgt Ion: 75 Resp: 733
Ion Ratio Lower Upper
75 100
77 24.7 25.7 38.5#



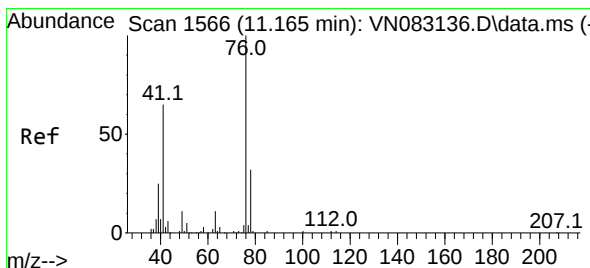
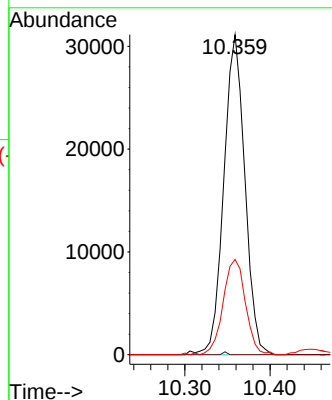
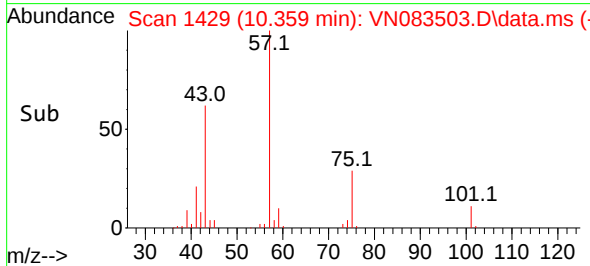


#54
cis-1,3-Dichloropropene
Concen: 20.333 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :

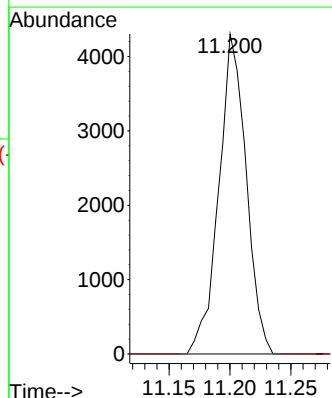
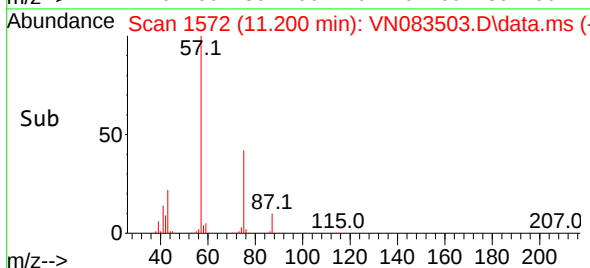
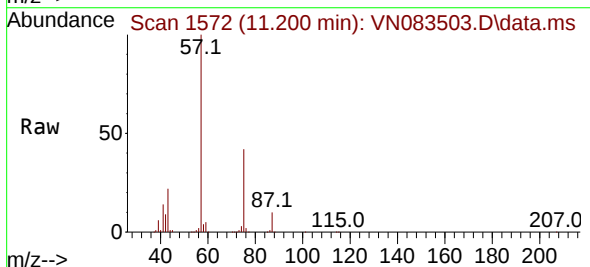


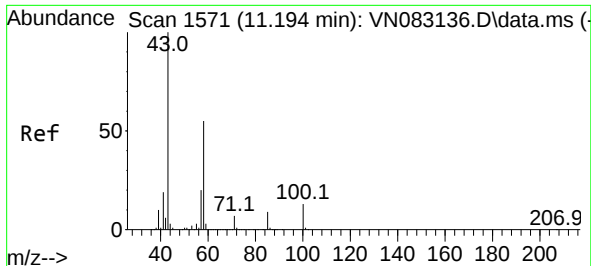
Tgt Ion: 75 Resp: 53375
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 29.7 50.5 75.7#



#57
1,3-Dichloropropane
Concen: 2.647 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

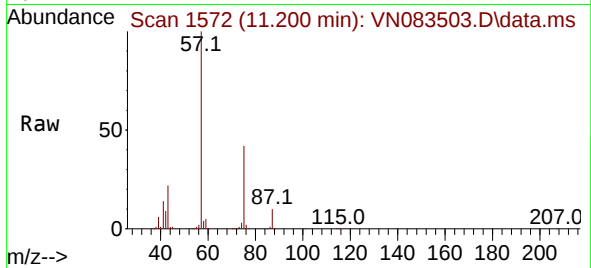
Tgt Ion: 76 Resp: 6729
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#



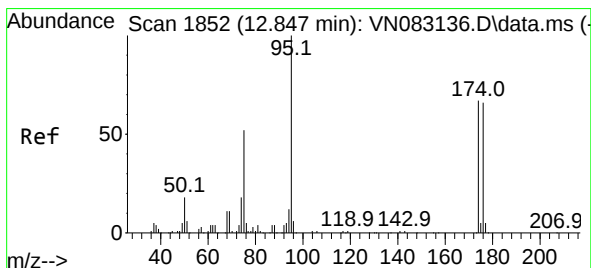
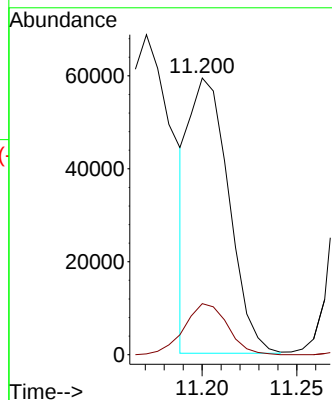
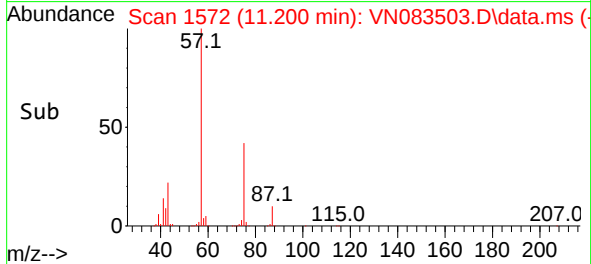


#59
2-Hexanone
Concen: 49.769 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :

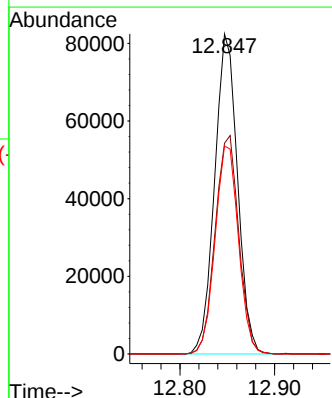
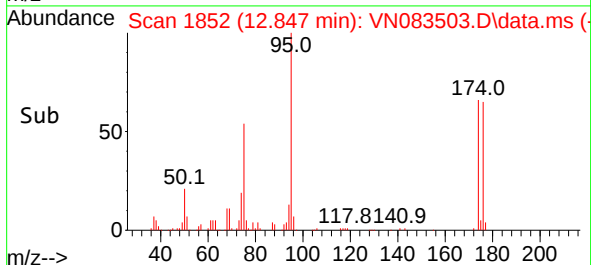
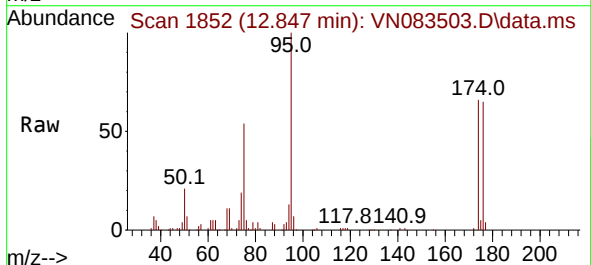


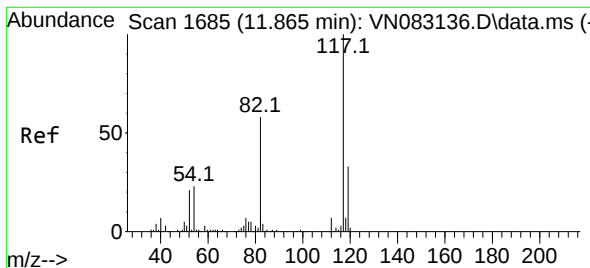
Tgt Ion: 43 Resp: 86184
Ion Ratio Lower Upper
43 100
58 20.4 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 68.012 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

Tgt Ion: 95 Resp: 138223
Ion Ratio Lower Upper
95 100
174 70.6 0.0 159.2
176 66.6 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083503.D

Acq: 27 Aug 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

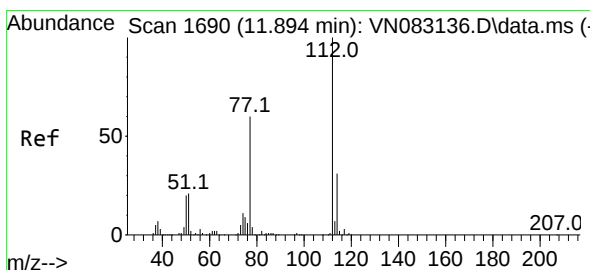
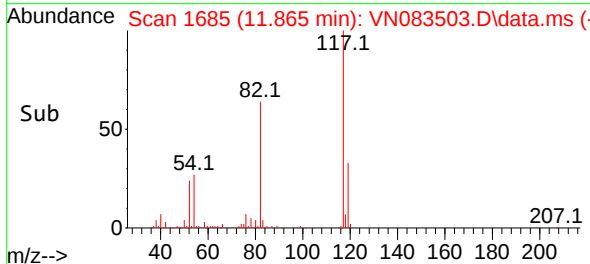
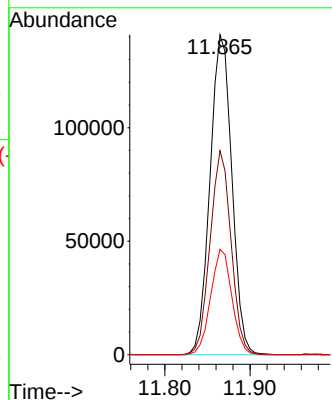
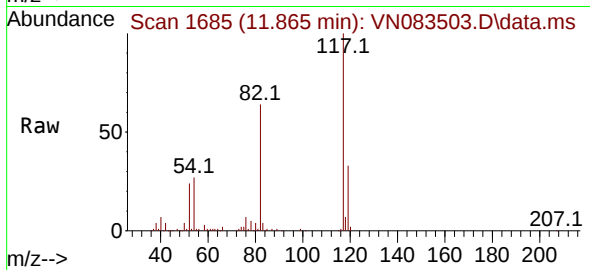
Tgt Ion:117 Resp: 250766

Ion Ratio Lower Upper

117 100

82 63.8 47.5 71.3

119 33.0 25.6 38.4



#65

Chlorobenzene

Concen: 0.264 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. -0.006 min

Lab File: VN083503.D

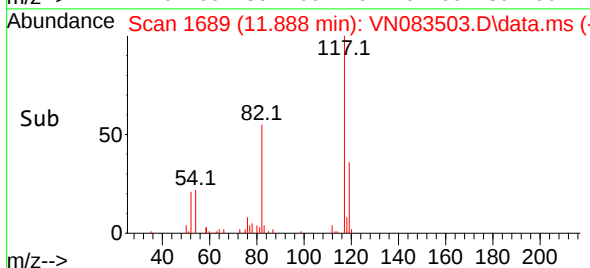
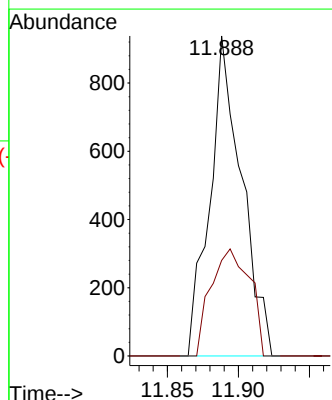
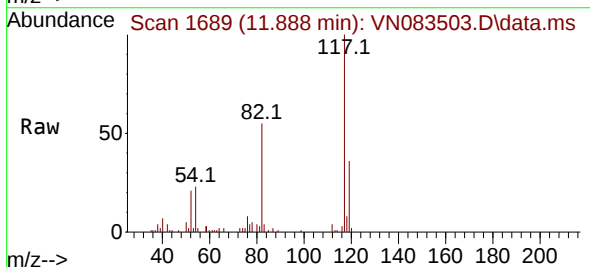
Acq: 27 Aug 2024 12:40

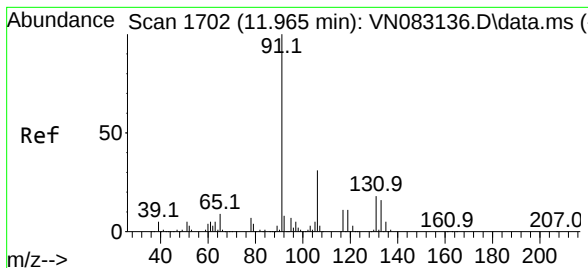
Tgt Ion:112 Resp: 1463

Ion Ratio Lower Upper

112 100

114 29.9 26.2 39.2





#67

Ethyl Benzene

Concen: 0.203 ug/l

RT: 11.959 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN083503.D

Acq: 27 Aug 2024 12:40

Instrument :

MSVOA_N

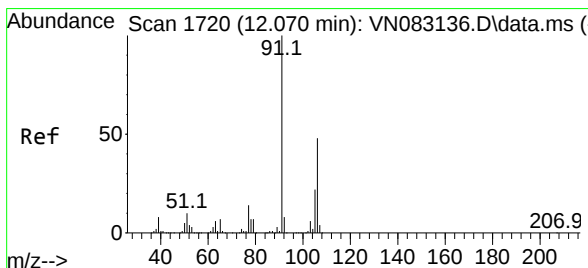
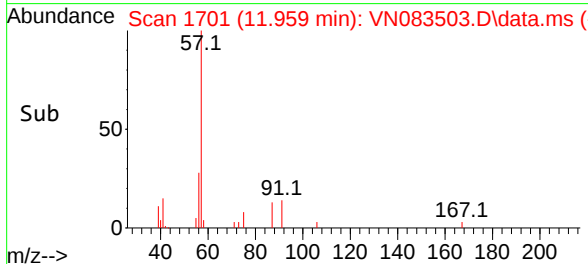
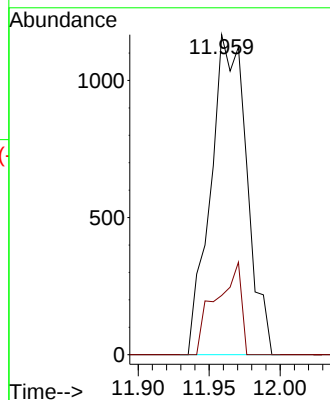
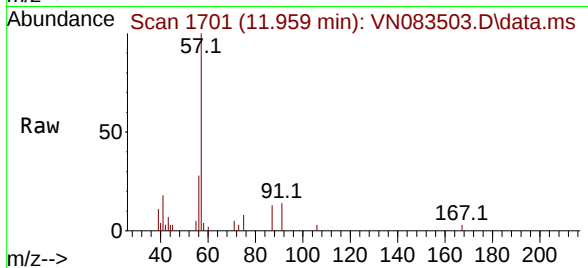
ClientSampleId :

Tgt Ion: 91 Resp: 2063

Ion Ratio Lower Upper

91 100

106 18.5 24.0 36.0#



#68

m/p-Xylenes

Concen: 0.419 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN083503.D

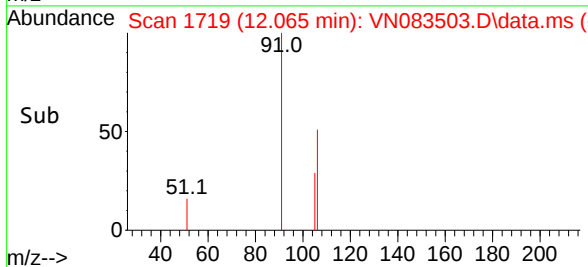
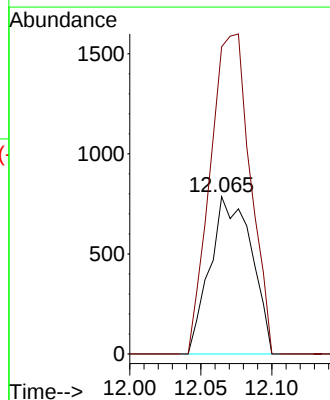
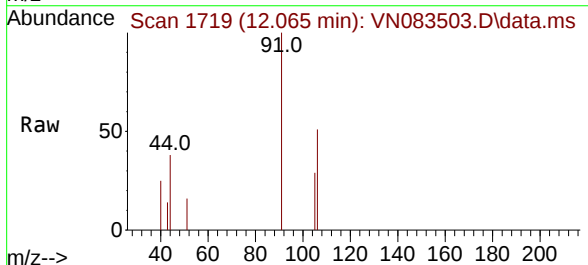
Acq: 27 Aug 2024 12:40

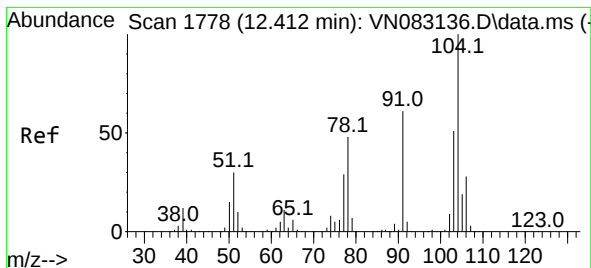
Tgt Ion:106 Resp: 1596

Ion Ratio Lower Upper

106 100

91 196.6 166.1 249.1





#70

Styrene

Concen: 0.305 ug/l

RT: 12.412 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083503.D

Acq: 27 Aug 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

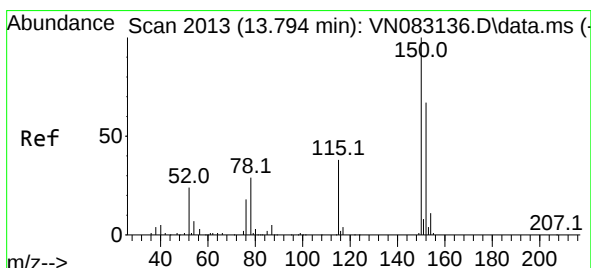
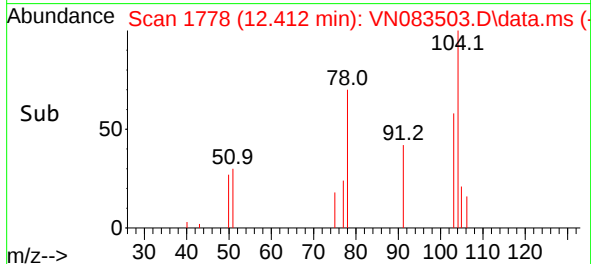
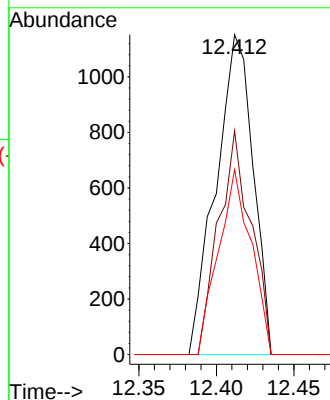
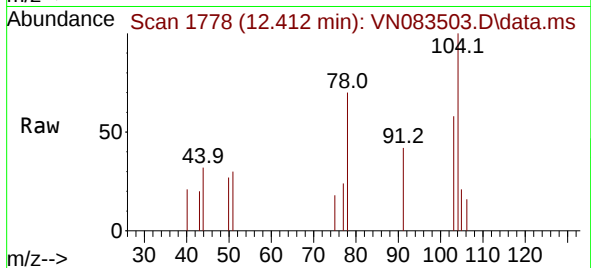
Tgt Ion:104 Resp: 1923

Ion Ratio Lower Upper

104 100

78 60.9 41.6 62.4

103 50.9 44.0 66.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN083503.D

Acq: 27 Aug 2024 12:40

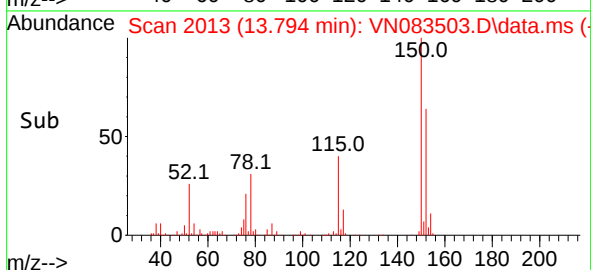
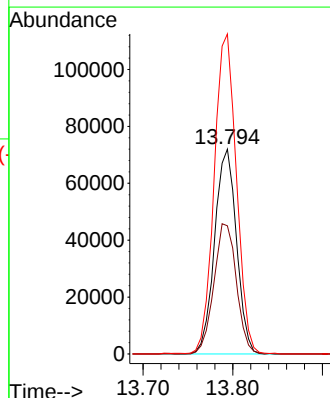
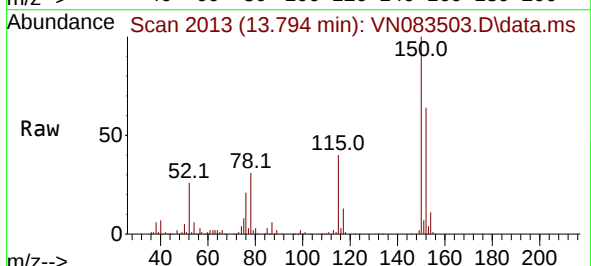
Tgt Ion:152 Resp: 121939

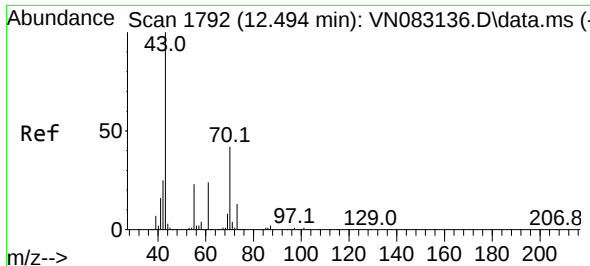
Ion Ratio Lower Upper

152 100

115 65.4 30.6 91.6

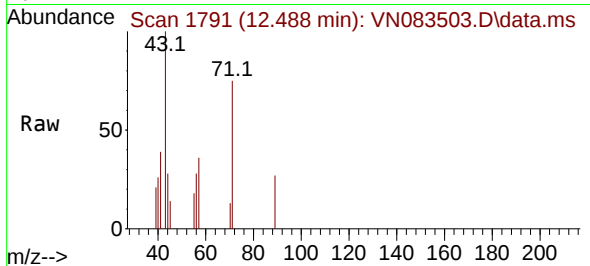
150 158.9 0.0 348.6



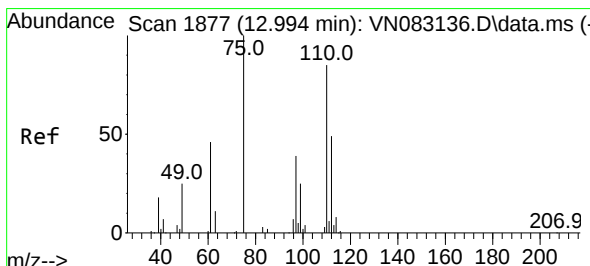
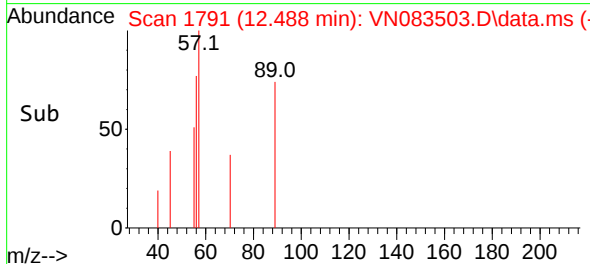
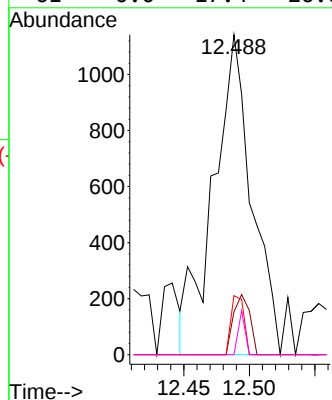


#74
N-amy1 acetate
Concen: 0.467 ug/l
RT: 12.488 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :

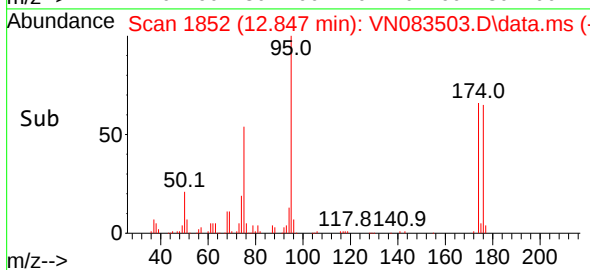
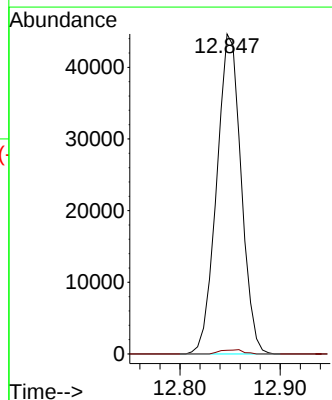
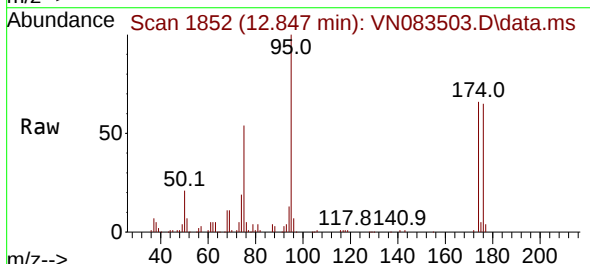


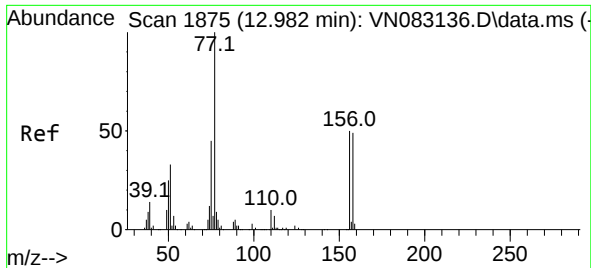
Tgt Ion: 43	Resp: 2328
Ion Ratio	Lower Upper
43	100
70	8.0 29.8 44.6#
55	6.2 18.7 28.1#
61	0.0 17.4 26.0#



#76
1,2,3-Trichloropropane
Concen: 28.248 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

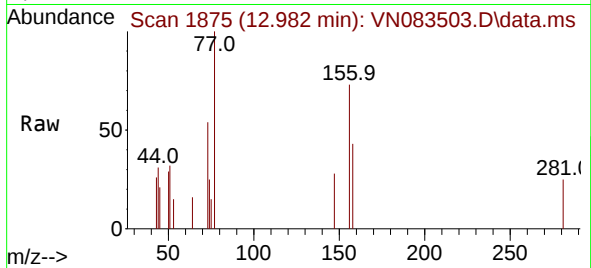
Tgt Ion: 75	Resp: 75600
Ion Ratio	Lower Upper
75	100
77	1.2 110.9 332.6#



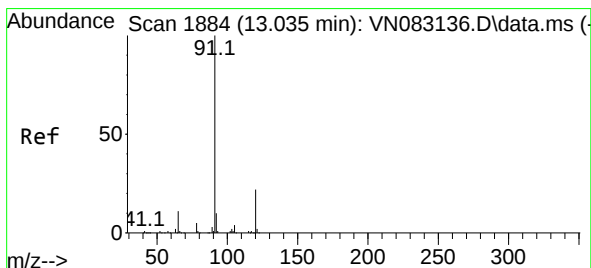
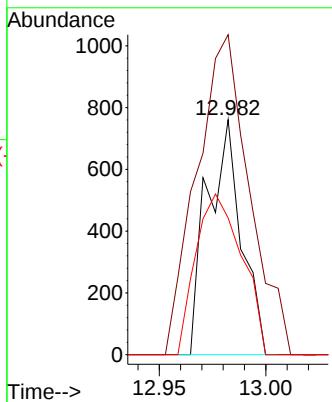
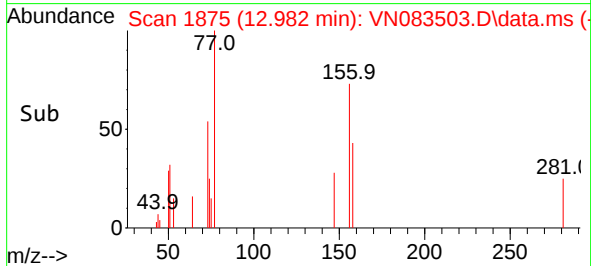


#77
Bromobenzene
Concen: 0.374 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :

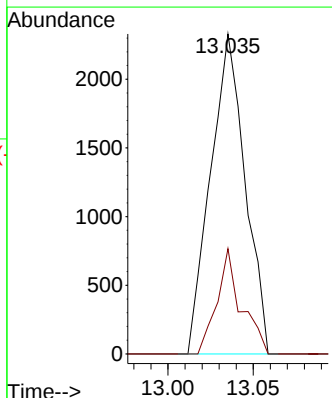
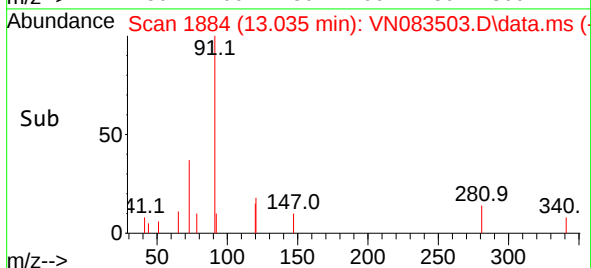
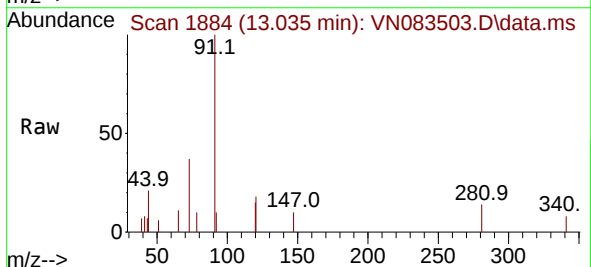


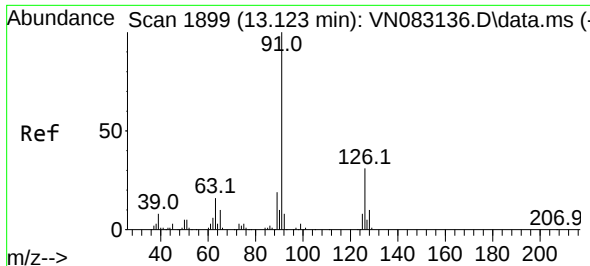
Tgt Ion:	156	Resp:	848
Ion	Ratio	Lower	Upper
156	100		
77	209.9	111.3	333.8
158	92.5	48.3	144.9



#78
n-propylbenzene
Concen: 0.279 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

Tgt Ion:	91	Resp:	3280
Ion	Ratio	Lower	Upper
91	100		
120	23.2	10.9	32.9

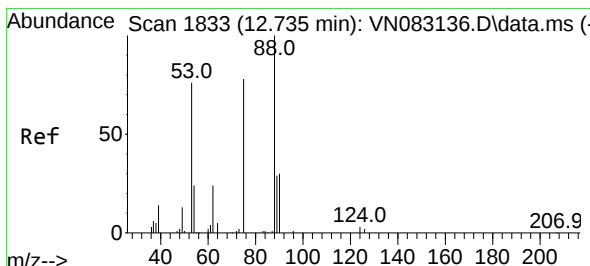
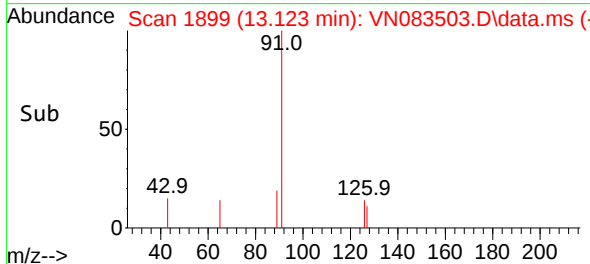
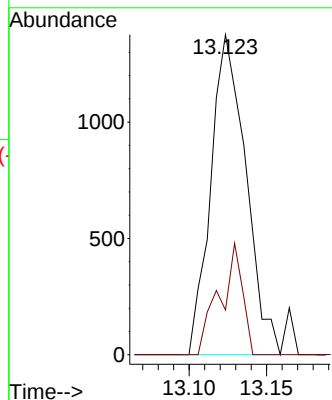
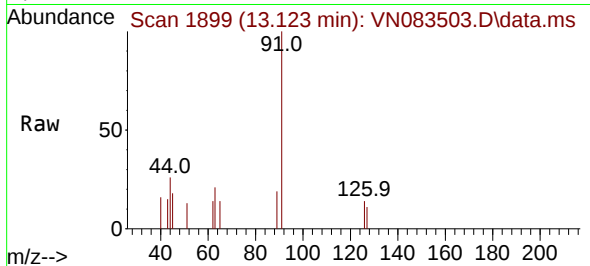




#79
2-Chlorotoluene
Concen: 0.291 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

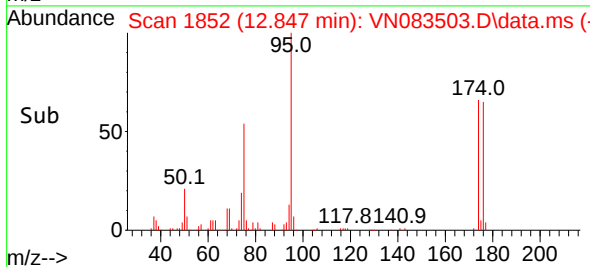
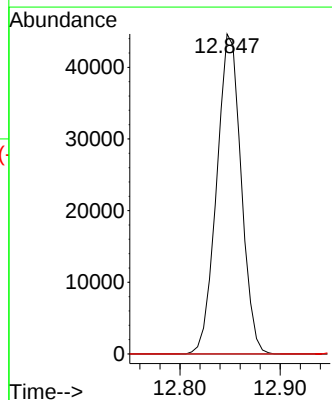
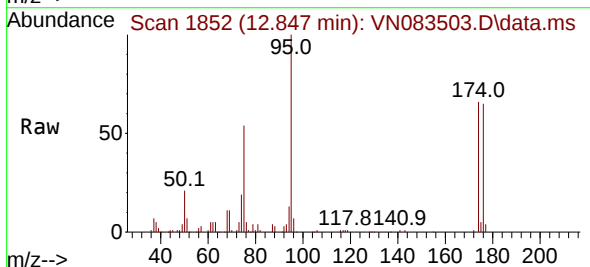
Instrument :
MSVOA_N
ClientSampleId :

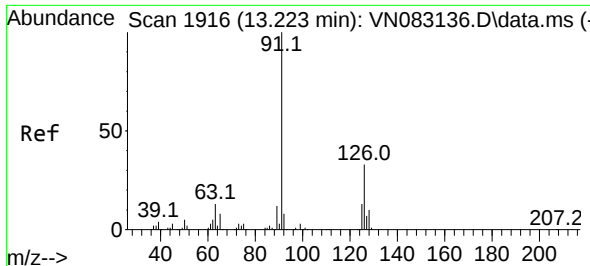
Tgt Ion: 91 Resp: 2166
Ion Ratio Lower Upper
91 100
126 22.5 16.2 48.6



#81
trans-1,4-Dichloro-2-butene
Concen: 61.447 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

Tgt Ion: 75 Resp: 75600
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

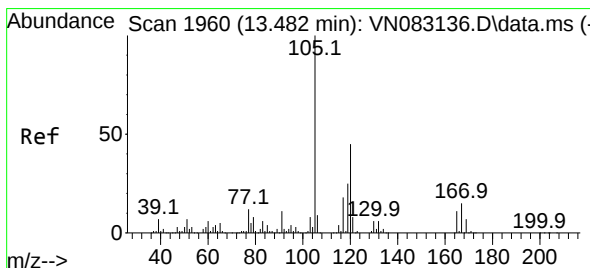
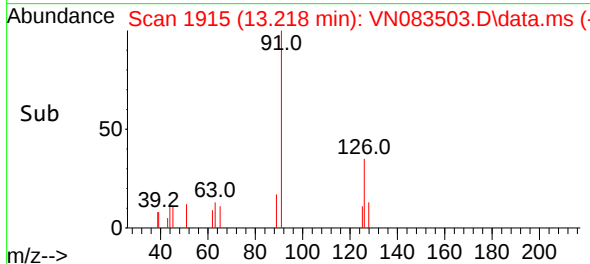
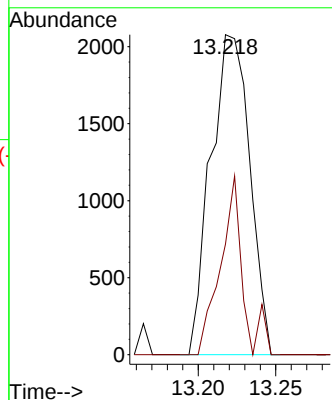
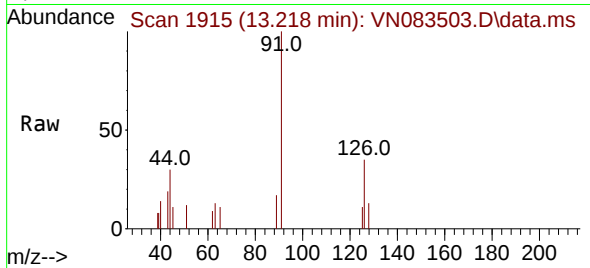




#82
4-Chlorotoluene
Concen: 0.488 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

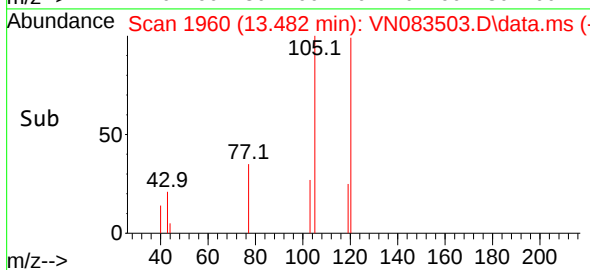
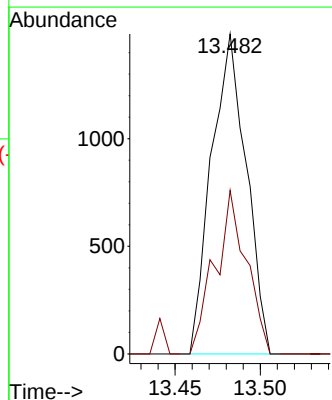
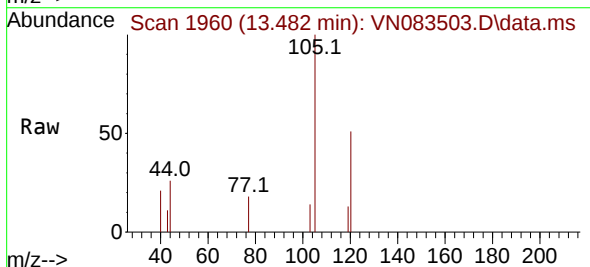
Instrument :
MSVOA_N
ClientSampleId :

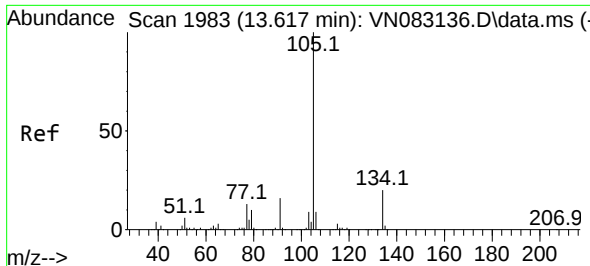
Tgt Ion: 91 Resp: 3641
Ion Ratio Lower Upper
91 100
126 31.8 16.2 48.6



#84
1,2,4-Trimethylbenzene
Concen: 0.245 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

Tgt Ion: 105 Resp: 2111
Ion Ratio Lower Upper
105 100
120 46.3 21.9 65.8

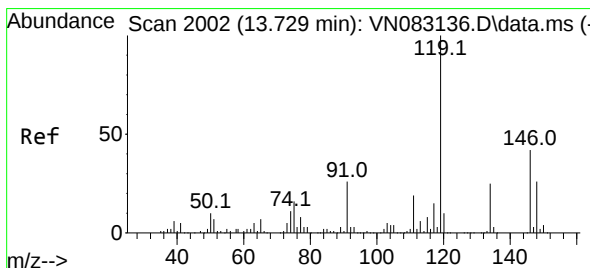
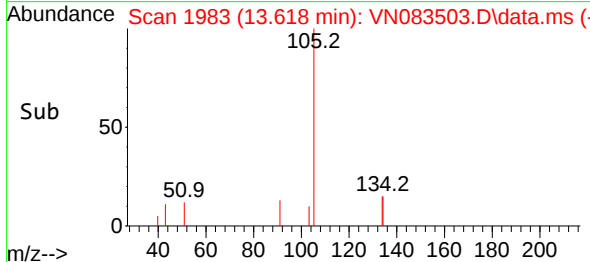
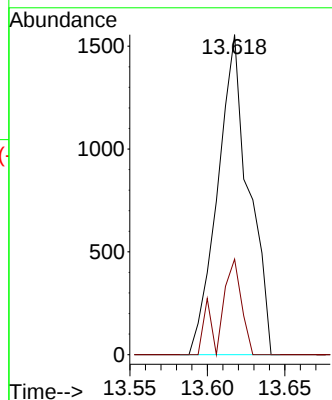
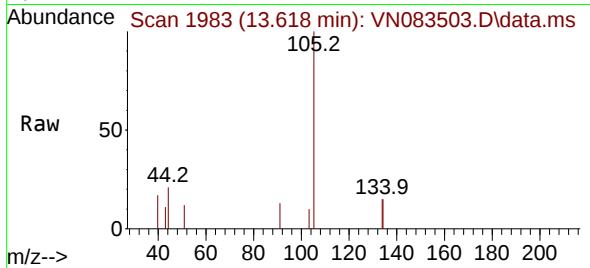




#85
 sec-Butylbenzene
 Concen: 0.211 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083503.D
 Acq: 27 Aug 2024 12:40

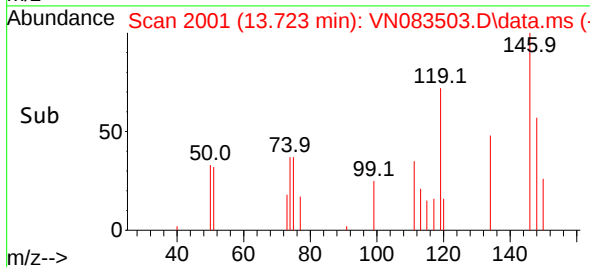
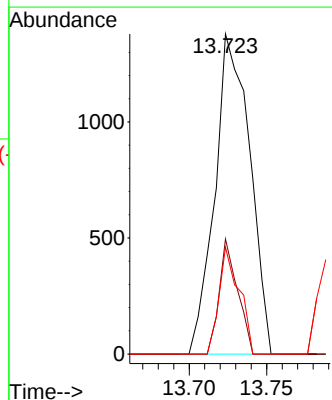
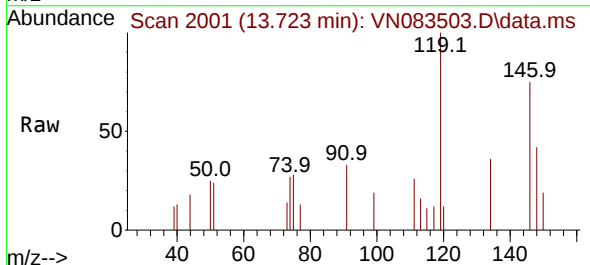
Instrument :
 MSVOA_N
 ClientSampleId :

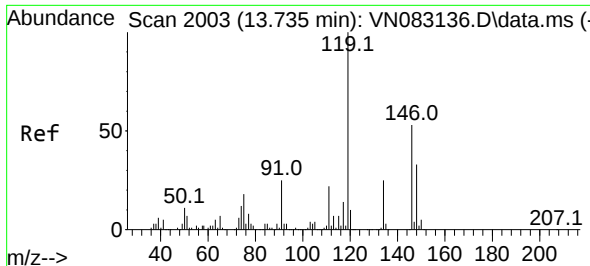
Tgt Ion:105 Resp: 2174
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.253 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN083503.D
 Acq: 27 Aug 2024 12:40

Tgt Ion:119 Resp: 2159
 Ion Ratio Lower Upper
 119 100
 134 18.9 13.0 39.0
 91 19.2 12.3 36.9

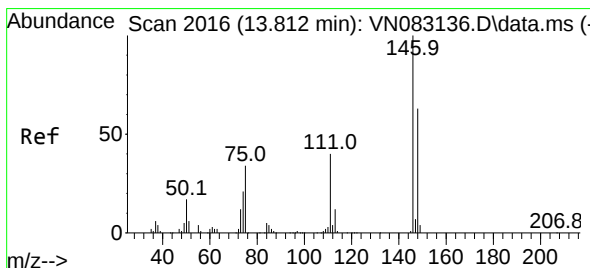
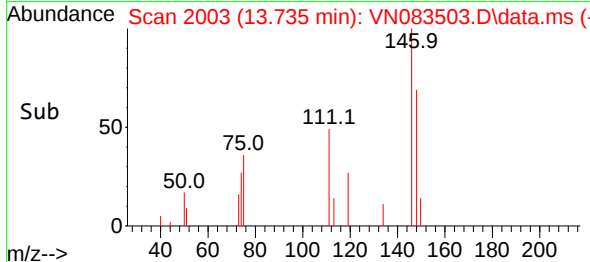
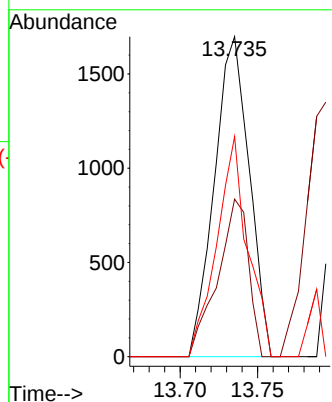
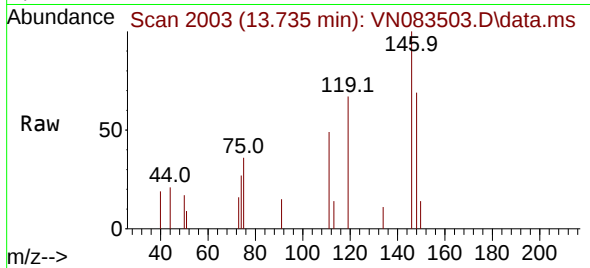




#87
1,3-Dichlorobenzene
Concen: 0.622 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

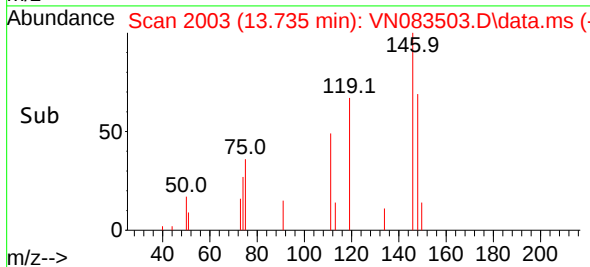
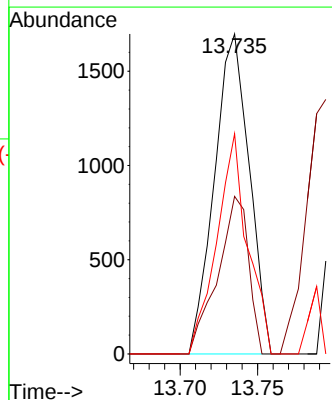
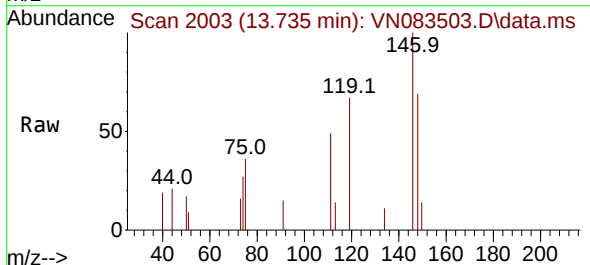
Instrument :
MSVOA_N
ClientSampleId :

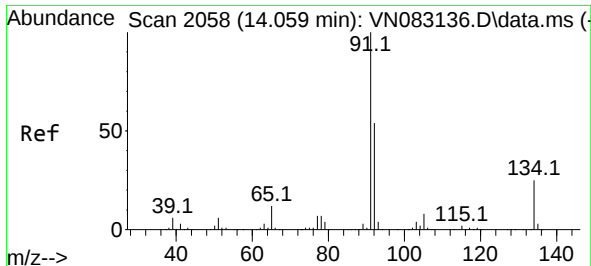
Tgt Ion:146 Resp: 2653
Ion Ratio Lower Upper
146 100
111 43.6 20.6 61.9
148 61.0 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 0.617 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.076 min
Lab File: VN083503.D
Acq: 27 Aug 2024 12:40

Tgt Ion:146 Resp: 2653
Ion Ratio Lower Upper
146 100
111 43.6 20.1 60.3
148 61.0 32.2 96.6





#89

n-Butylbenzene

Concen: 0.456 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VN083503.D

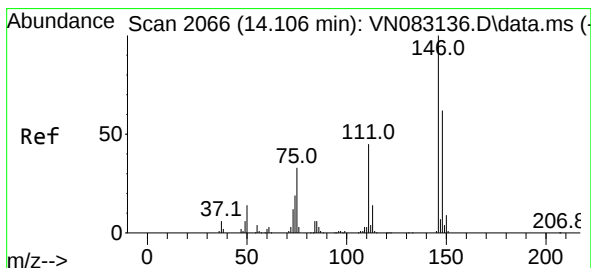
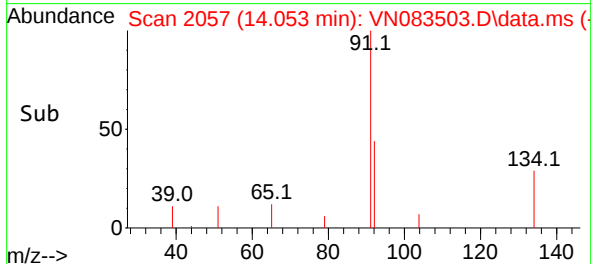
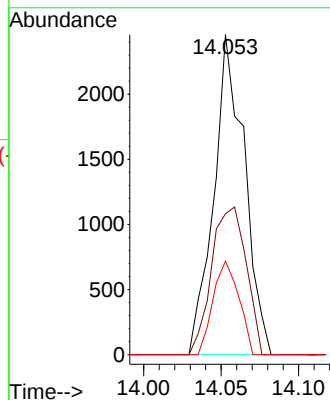
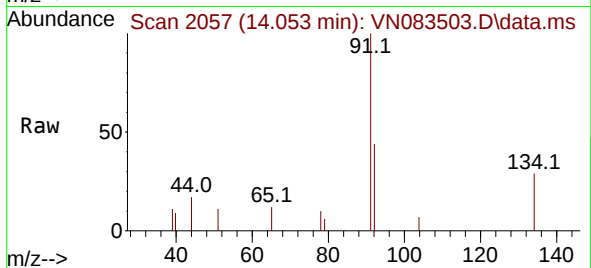
Acq: 27 Aug 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp: 3367
Ion Ratio	Lower Upper
91	100
92	52.3 26.1 78.3
134	24.6 12.1 36.3



#91

1,2-Dichlorobenzene

Concen: 0.414 ug/l

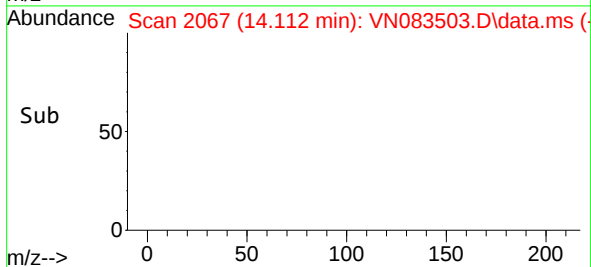
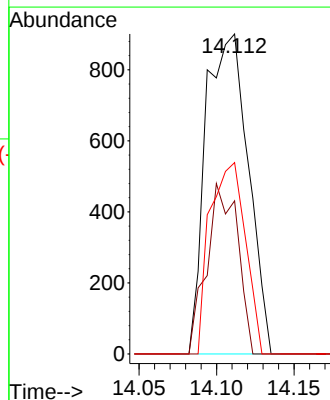
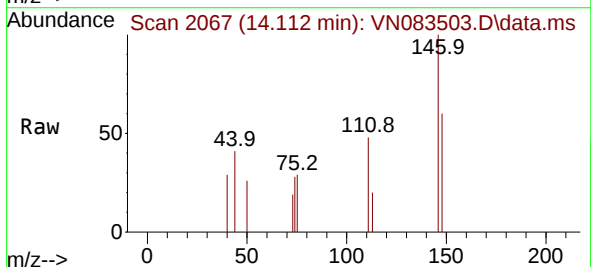
RT: 14.112 min Scan# 2067

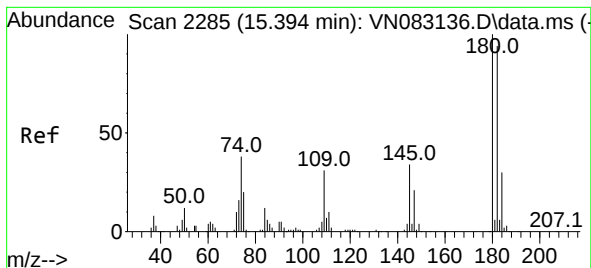
Delta R.T. 0.006 min

Lab File: VN083503.D

Acq: 27 Aug 2024 12:40

Tgt Ion: 146	Resp: 1710
Ion Ratio	Lower Upper
146	100
111	38.9 21.4 64.2
148	50.2 32.1 96.5





#93

1,2,4-Trichlorobenzene

Concen: 0.794 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.006 min

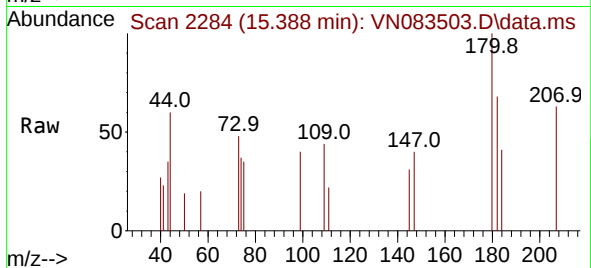
Lab File: VN083503.D

Acq: 27 Aug 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :



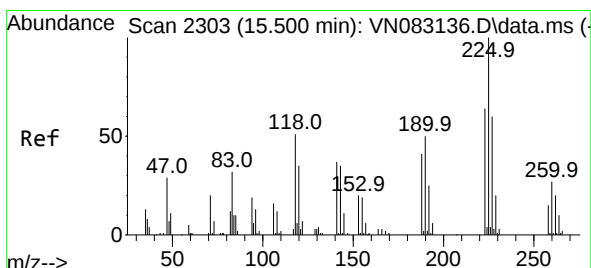
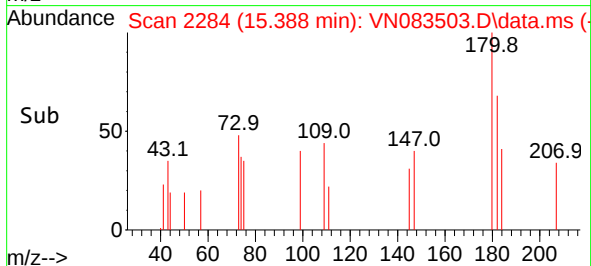
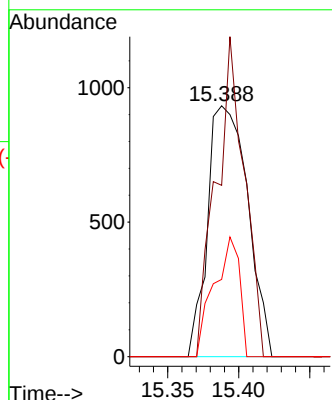
Tgt Ion:180 Resp: 1836

Ion Ratio Lower Upper

180 100

182 89.7 47.3 141.8

145 30.1 15.7 47.1



#94

Hexachlorobutadiene

Concen: 0.353 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083503.D

Acq: 27 Aug 2024 12:40

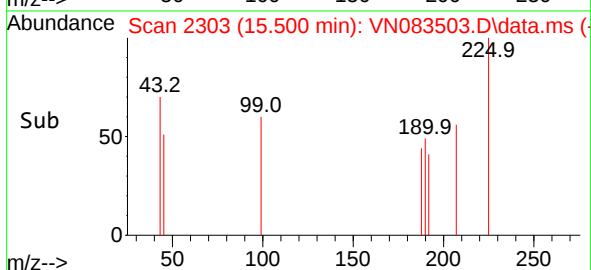
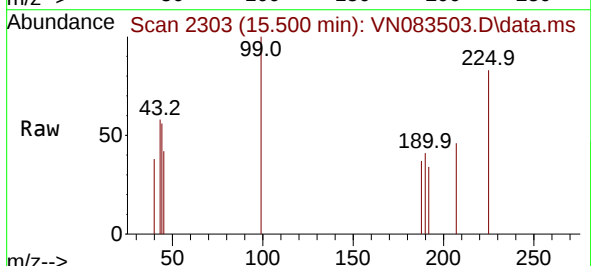
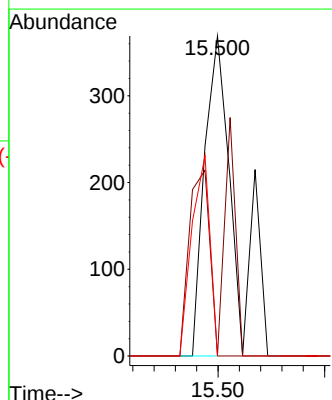
Tgt Ion:225 Resp: 363

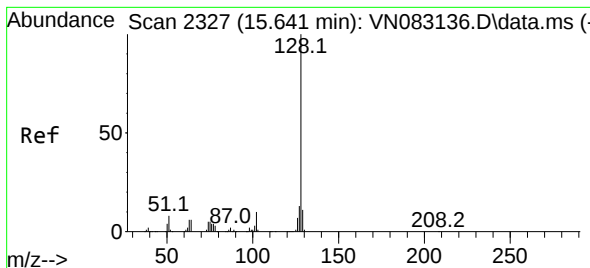
Ion Ratio Lower Upper

225 100

223 39.4 31.9 95.7

227 37.7 32.5 97.5





#95

Naphthalene

Concen: 0.611 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN083503.D

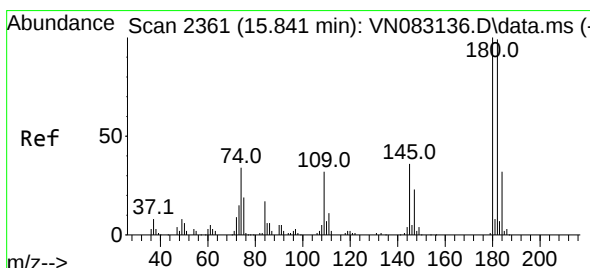
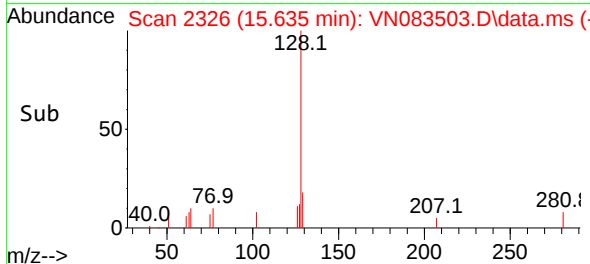
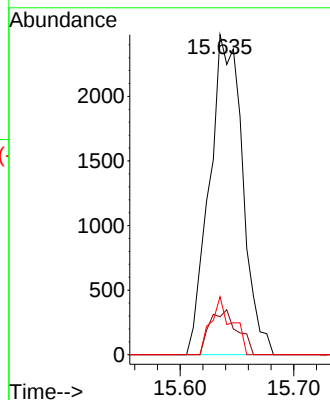
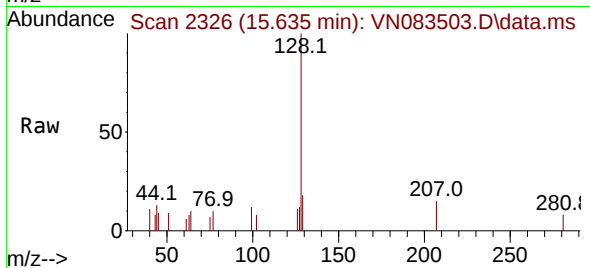
Acq: 27 Aug 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	5003
Ion	Ratio	Lower Upper
128	100	
127	11.8	10.6 16.0
129	11.7	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 0.775 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN083503.D

Acq: 27 Aug 2024 12:40

Tgt Ion:180	Resp:	1773
Ion	Ratio	Lower Upper
180	100	
182	97.4	48.9 146.8
145	26.4	16.8 50.4

