

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
 Data File : VN083483.D
 Acq On : 26 Aug 2024 15:44
 Operator : JC\MD
 Sample : P3716-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 27 01:57:42 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)

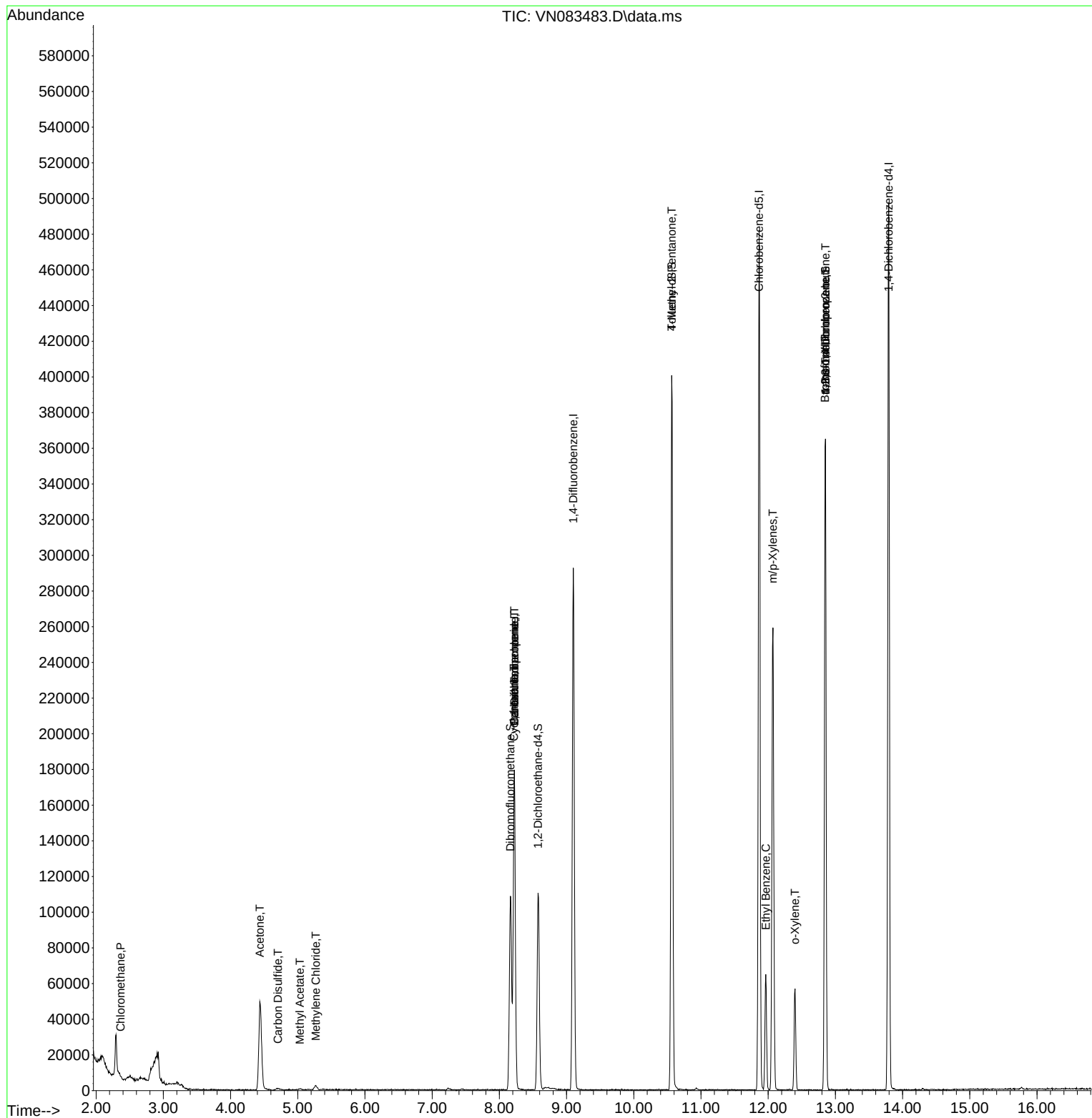
Internal Standards						
1) Pentafluorobenzene	8.224	168	120577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	98589	57.444	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 114.880%		
35) Dibromofluoromethane	8.165	113	79089	51.357	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.720%		
50) Toluene-d8	10.565	98	272792	47.487	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 94.980%		
62) 4-Bromofluorobenzene	12.853	95	130106	58.095	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 116.180%		
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	1145	0.818	ug/l	96
16) Acetone	4.436	43	1977	2.944	ug/l	93
17) Carbon Disulfide	4.706	76	2092	0.535	ug/l #	75
18) Methyl Acetate	5.030	43	901	0.450	ug/l #	56
20) Methylene Chloride	5.271	84	1611	1.042	ug/l #	82
31) Cyclohexane	8.218	56	2969	1.167	ug/l #	27
36) 1,1-Dichloropropene	8.224	75	11387	4.888	ug/l #	49
38) Carbon Tetrachloride	8.224	117	13778	5.251	ug/l #	15
43) Isopropyl Acetate	8.682	43	1235	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1470	0.596	ug/l #	1
67) Ethyl Benzene	11.964	91	47378	4.411	ug/l	98
68) m/p-Xylenes	12.070	106	83110	20.656	ug/l	95
69) o-Xylene	12.400	106	15316	3.860	ug/l	95
71) Bromoform	12.847	173	618	0.395	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	73983	26.141	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	73983	56.862	ug/l #	6

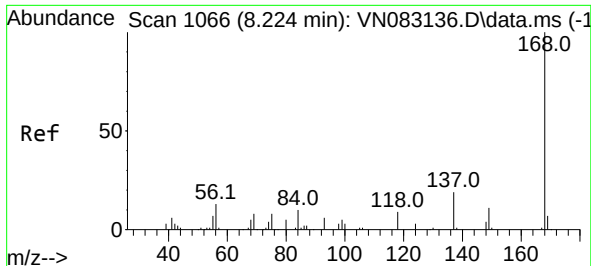
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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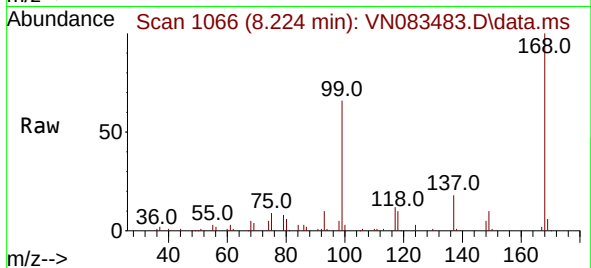
Quant Time: Aug 27 01:57:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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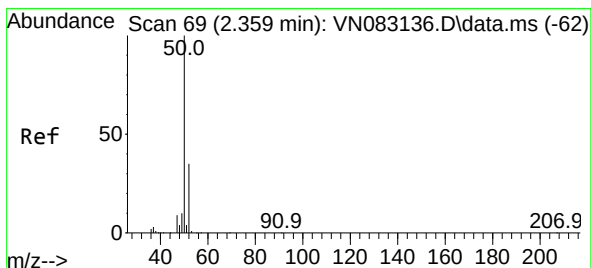
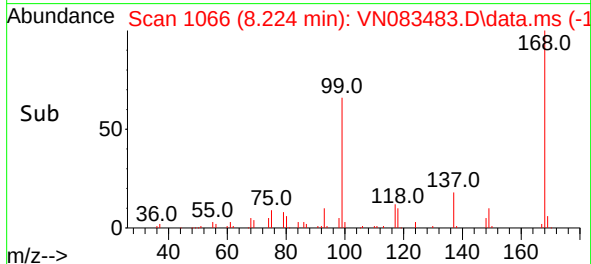
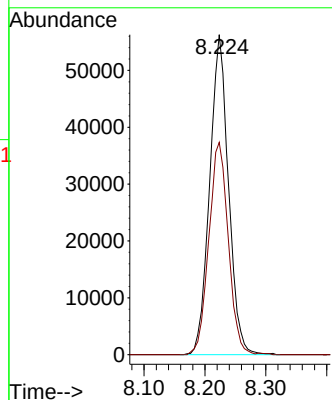


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083483.D
Acq: 26 Aug 2024 15:44

Instrument :
MSVOA_N
ClientSampleId :

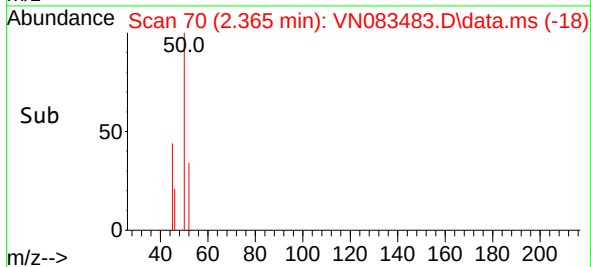
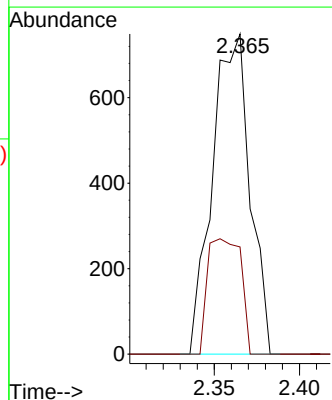
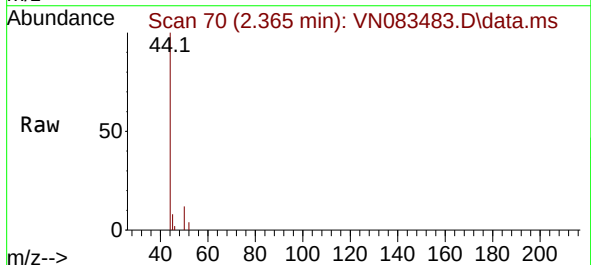


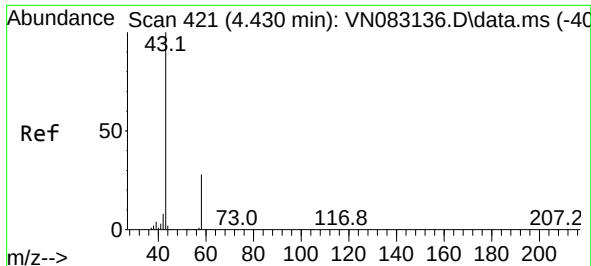
Tgt Ion:168 Resp: 120577
Ion Ratio Lower Upper
168 100
99 66.4 48.2 72.4



#3
Chloromethane
Concen: 0.818 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083483.D
Acq: 26 Aug 2024 15:44

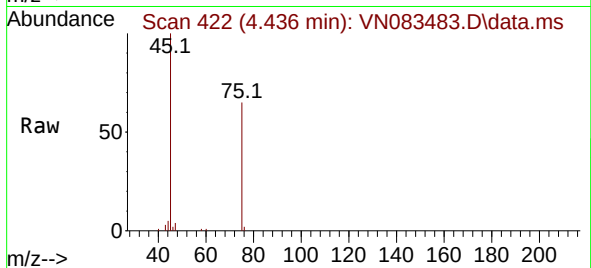
Tgt Ion: 50 Resp: 1145
Ion Ratio Lower Upper
50 100
52 33.5 25.0 37.4



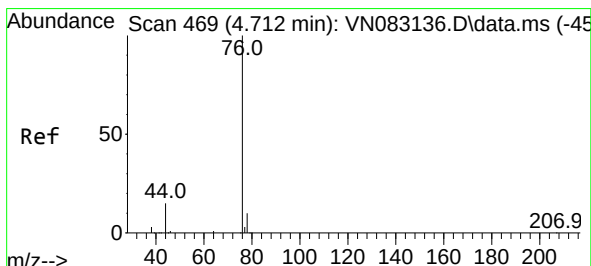
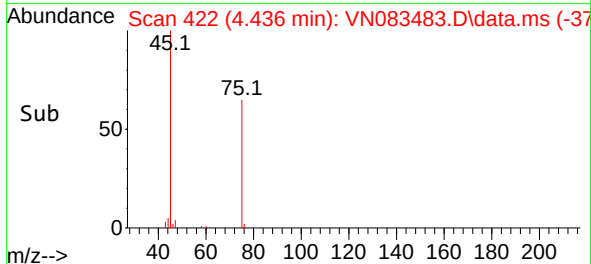
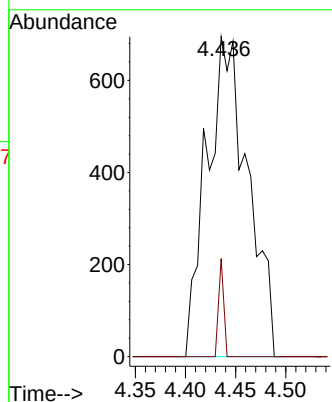


#16
Acetone
Concen: 2.944 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083483.D
Acq: 26 Aug 2024 15:44

Instrument :
MSVOA_N
ClientSampleId :

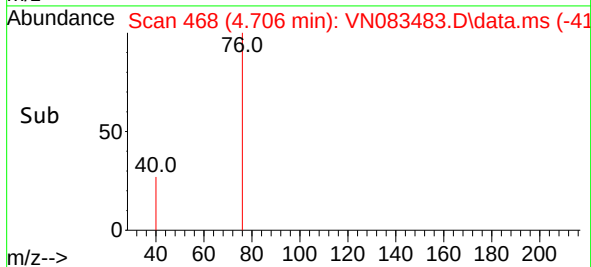
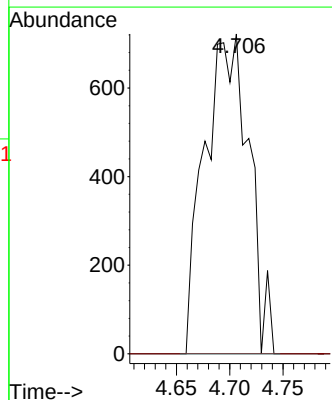
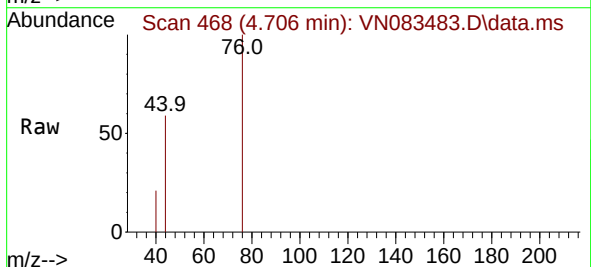


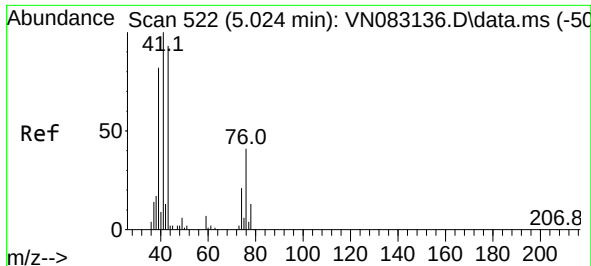
Tgt Ion: 43 Resp: 1977
Ion Ratio Lower Upper
43 100
58 30.6 21.8 32.6



#17
Carbon Disulfide
Concen: 0.535 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN083483.D
Acq: 26 Aug 2024 15:44

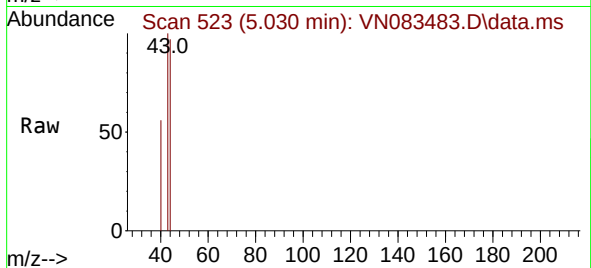
Tgt Ion: 76 Resp: 2092
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



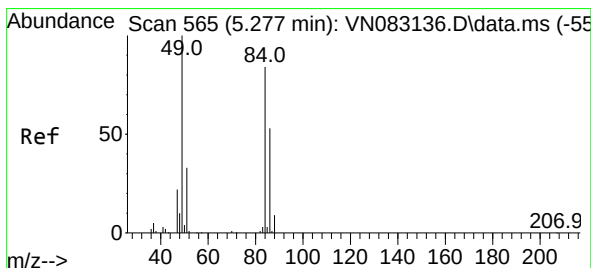
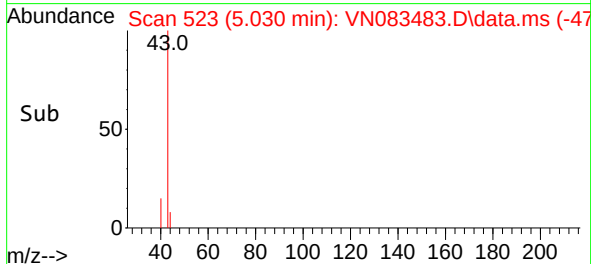
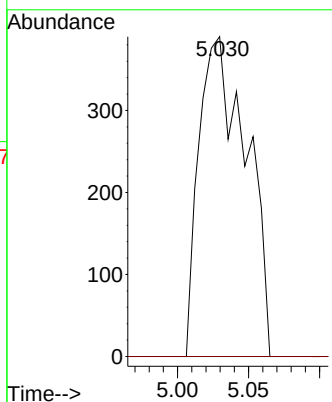


#18
Methyl Acetate
Concen: 0.450 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083483.D
Acq: 26 Aug 2024 15:44

Instrument :
MSVOA_N
ClientSampleId :

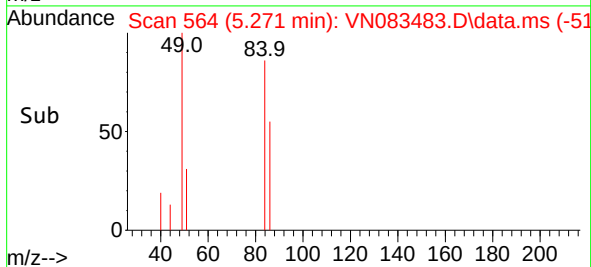
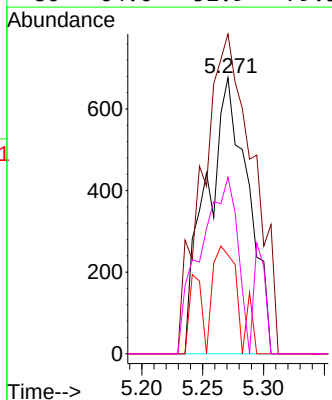
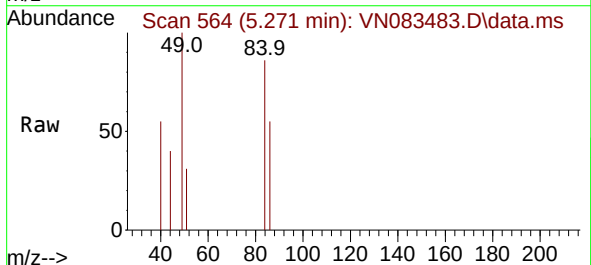


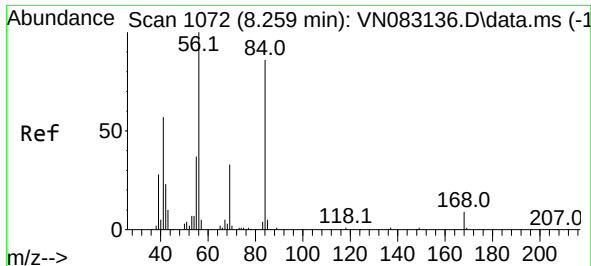
Tgt Ion: 43 Resp: 901
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#20
Methylene Chloride
Concen: 1.042 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083483.D
Acq: 26 Aug 2024 15:44

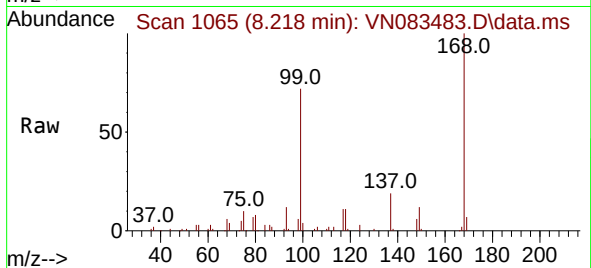
Tgt Ion: 84 Resp: 1611
Ion Ratio Lower Upper
84 100
49 115.8 119.6 179.4#
51 35.7 34.8 52.2
86 64.0 52.9 79.3



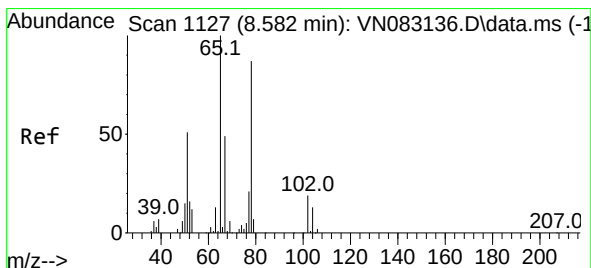
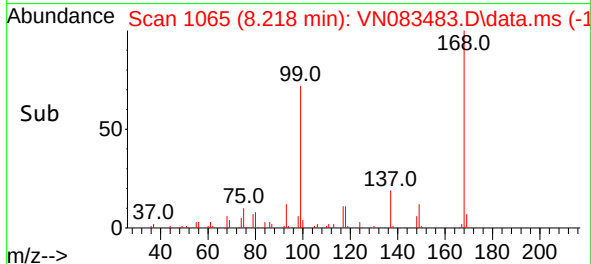
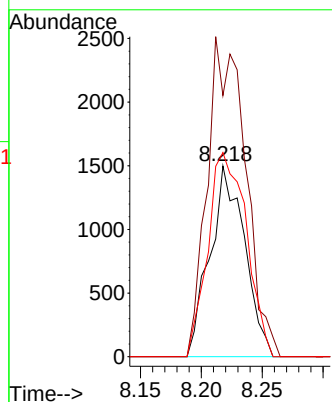


#31
Cyclohexane
Concen: 1.167 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083483.D
Acq: 26 Aug 2024 15:44

Instrument :
MSVOA_N
ClientSampleId :

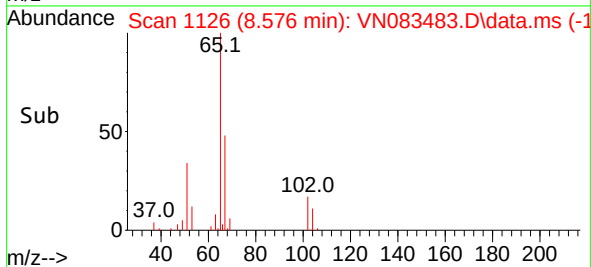
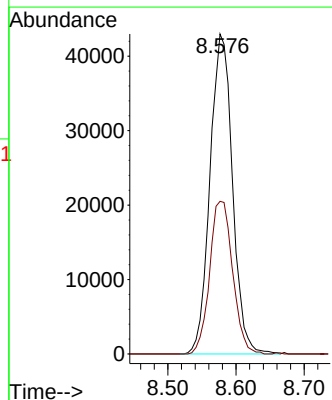
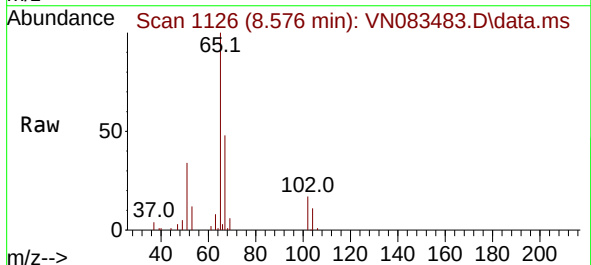


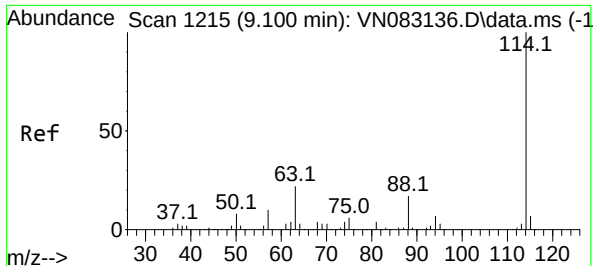
Tgt Ion: 56 Resp: 2969
Ion Ratio Lower Upper
56 100
69 136.9 24.5 36.7#
84 107.1 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 57.444 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083483.D
Acq: 26 Aug 2024 15:44

Tgt Ion: 65 Resp: 98589
Ion Ratio Lower Upper
65 100
67 48.8 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083483.D

Acq: 26 Aug 2024 15:44

Instrument :

MSVOA_N

ClientSampleId :

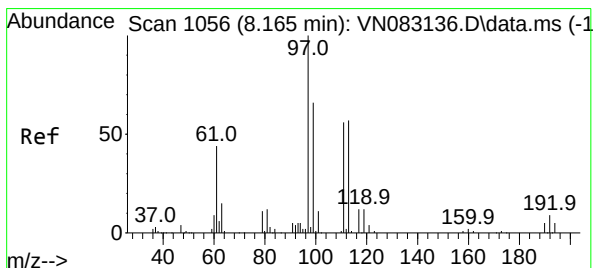
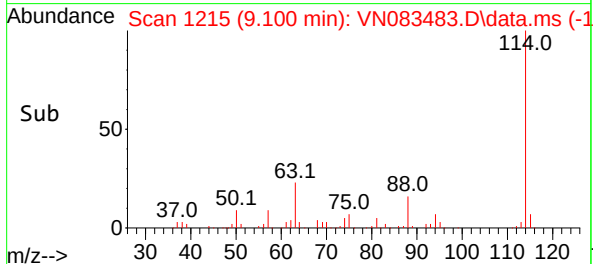
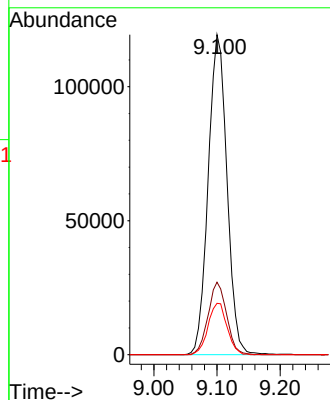
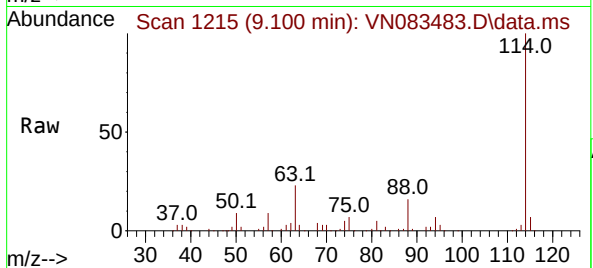
Tgt Ion:114 Resp: 246722

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.6

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.357 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083483.D

Acq: 26 Aug 2024 15:44

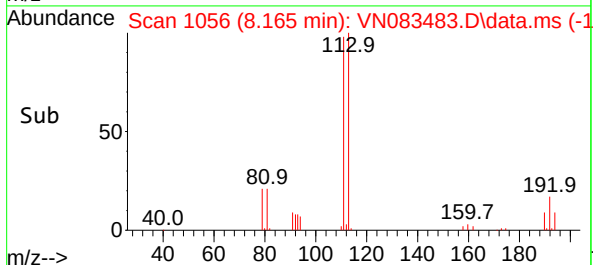
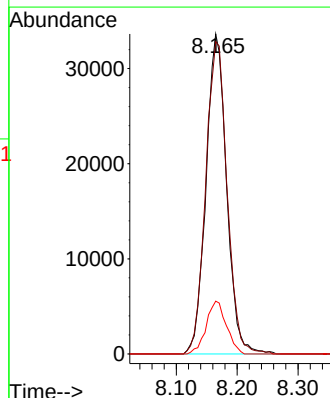
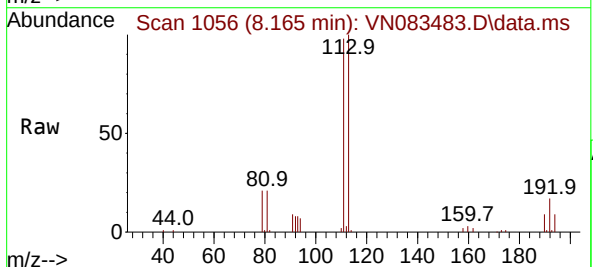
Tgt Ion:113 Resp: 79089

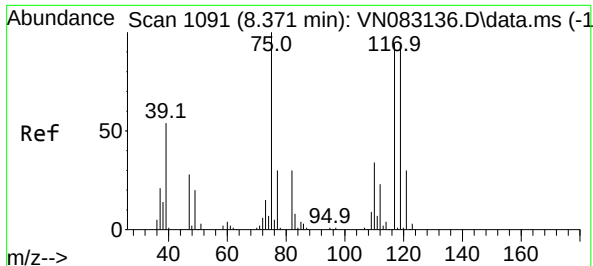
Ion Ratio Lower Upper

113 100

111 101.2 82.4 123.6

192 16.2 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.888 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

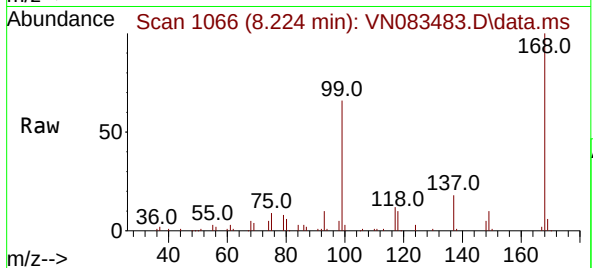
Lab File: VN083483.D

Acq: 26 Aug 2024 15:44

Instrument :

MSVOA_N

ClientSampleId :



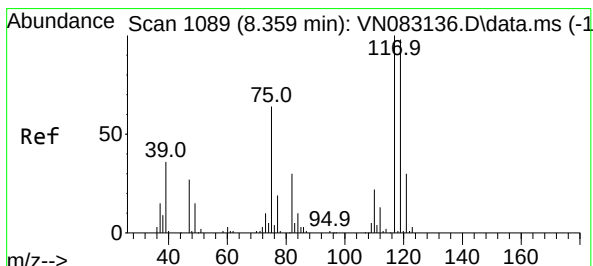
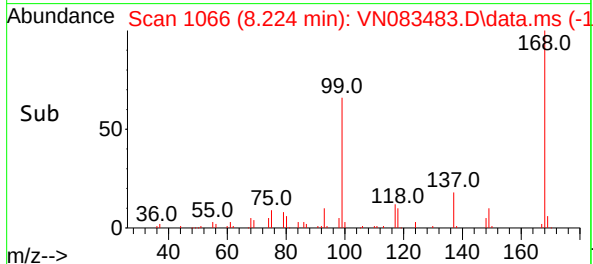
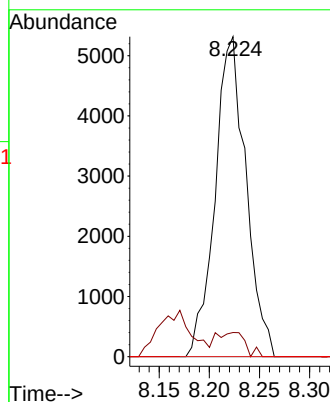
Tgt Ion: 75 Resp: 11387

Ion Ratio Lower Upper

75 100

110 7.2 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.251 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083483.D

Acq: 26 Aug 2024 15:44

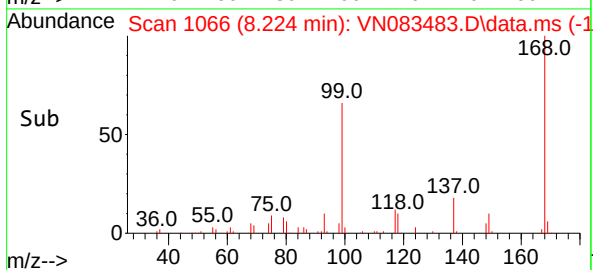
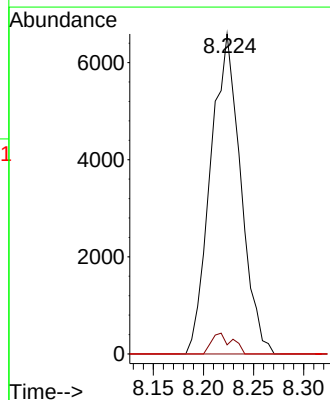
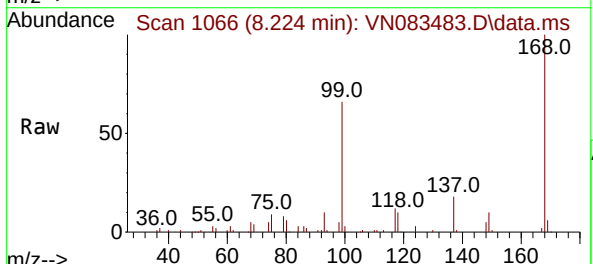
Tgt Ion: 117 Resp: 13778

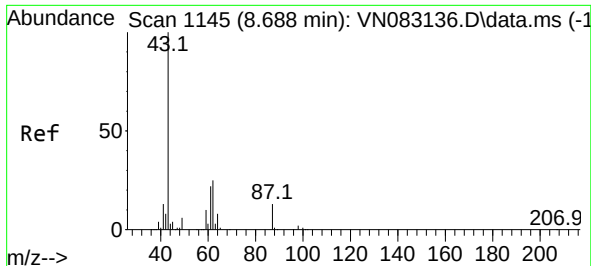
Ion Ratio Lower Upper

117 100

119 2.9 74.9 112.3#

121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.682 min Scan# 1145

Delta R.T. -0.006 min

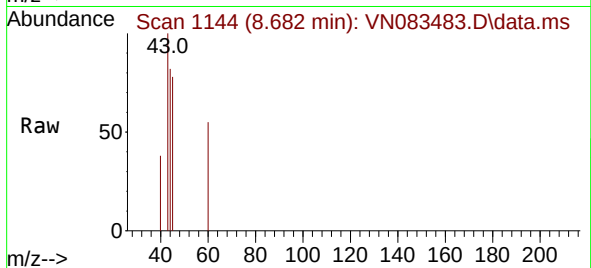
Lab File: VN083483.D

Acq: 26 Aug 2024 15:44

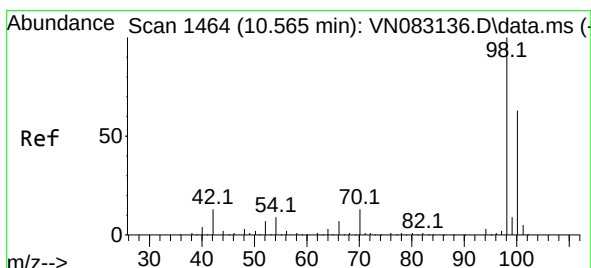
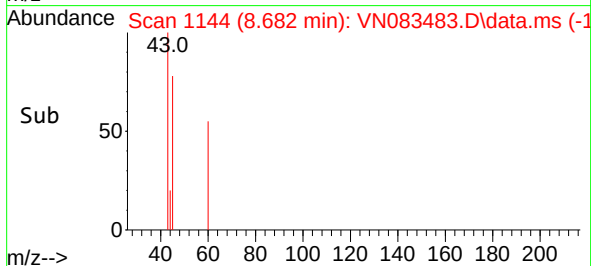
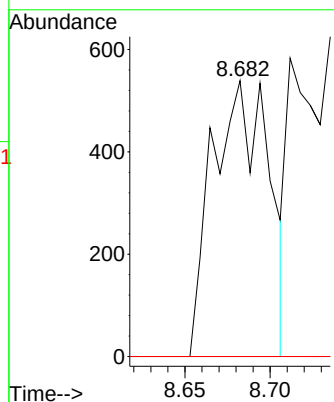
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	1235
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.8	26.6#
87	0.0	8.2	12.2#



#50

Toluene-d8

Concen: 47.487 ug/l

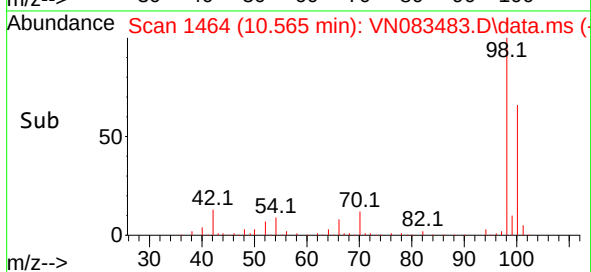
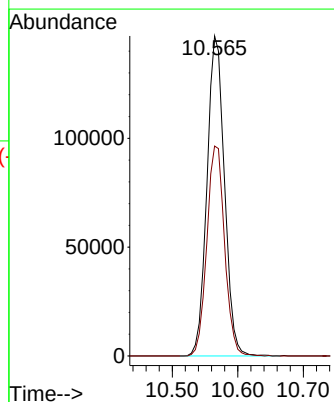
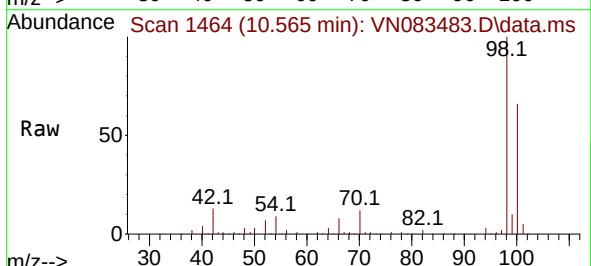
RT: 10.565 min Scan# 1464

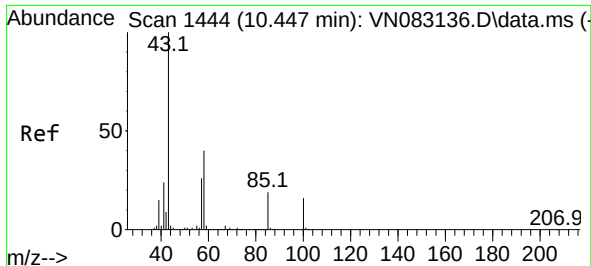
Delta R.T. -0.000 min

Lab File: VN083483.D

Acq: 26 Aug 2024 15:44

Tgt Ion:	98	Resp:	272792
Ion	Ratio	Lower	Upper
98	100		
100	66.5	51.5	77.3

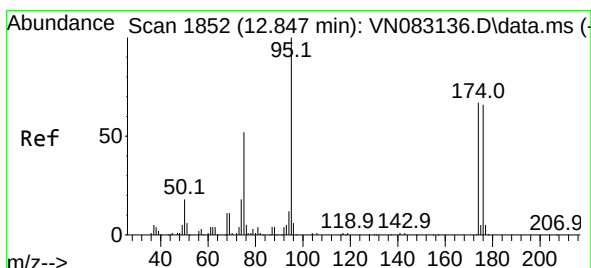
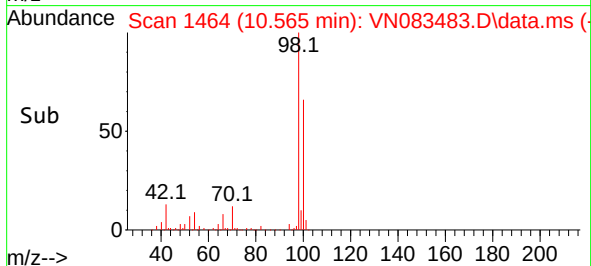
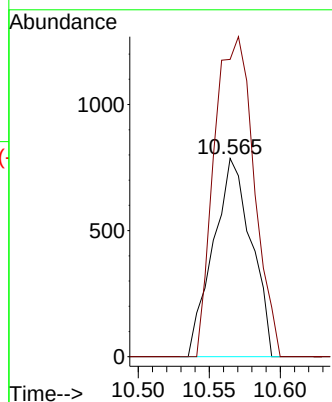
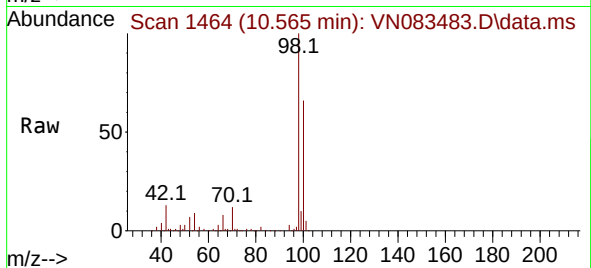




#51
4-Methyl-2-Pentanone
Concen: 0.596 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083483.D
Acq: 26 Aug 2024 15:44

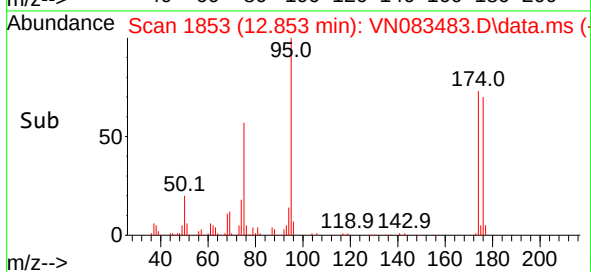
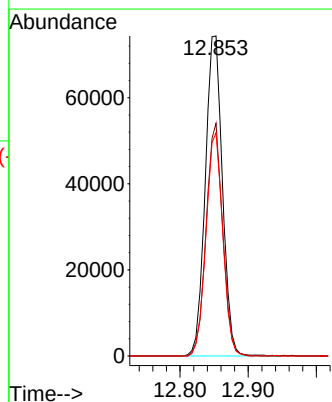
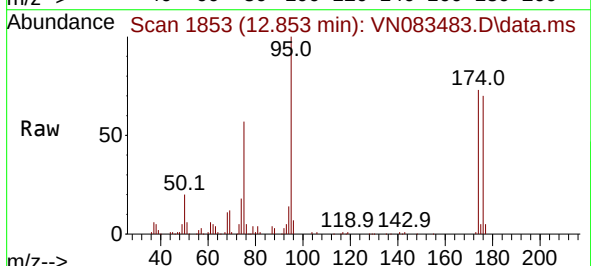
Instrument :
MSVOA_N
ClientSampleId :

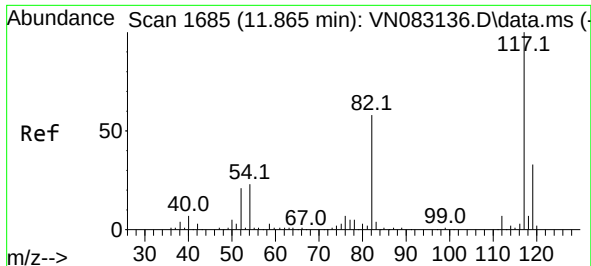
Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
58 168.4 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 58.095 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083483.D
Acq: 26 Aug 2024 15:44

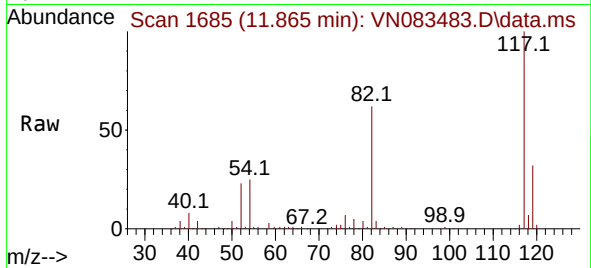
Tgt Ion: 95 Resp: 130106
Ion Ratio Lower Upper
95 100
174 70.0 0.0 159.2
176 67.8 0.0 147.6



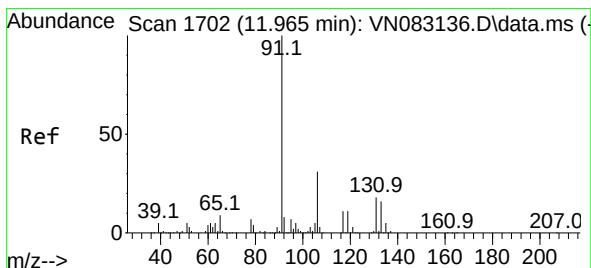
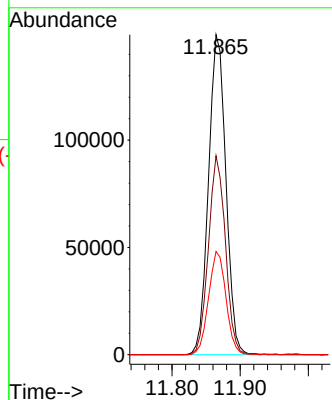
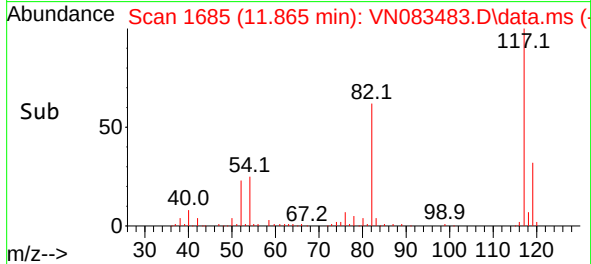


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083483.D
Acq: 26 Aug 2024 15:44

Instrument :
MSVOA_N
ClientSampleId :

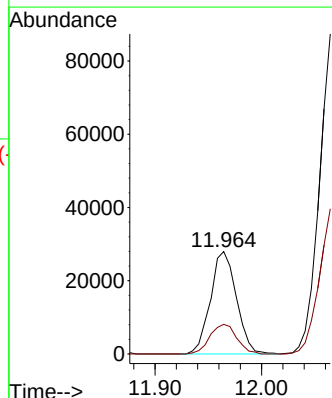
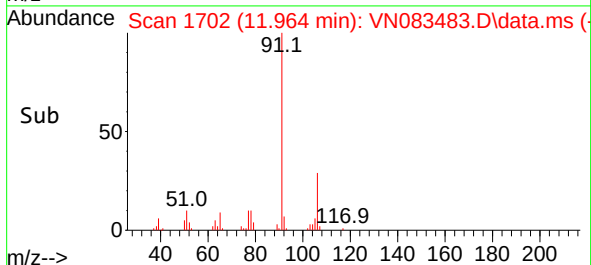
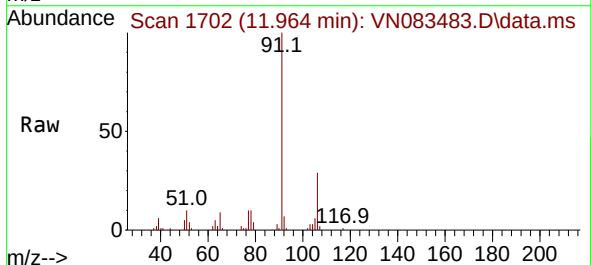


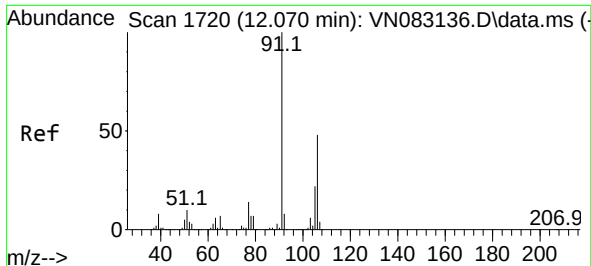
Tgt Ion:117 Resp: 264953
Ion Ratio Lower Upper
117 100
82 62.1 47.5 71.3
119 32.2 25.6 38.4



#67
Ethyl Benzene
Concen: 4.411 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083483.D
Acq: 26 Aug 2024 15:44

Tgt Ion: 91 Resp: 47378
Ion Ratio Lower Upper
91 100
106 28.9 24.0 36.0

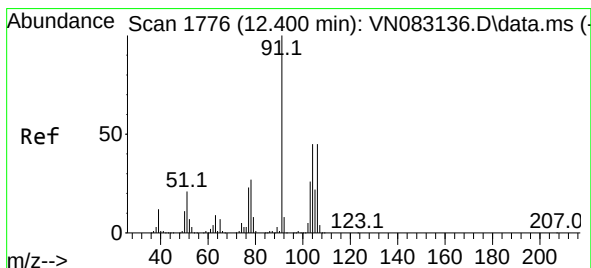
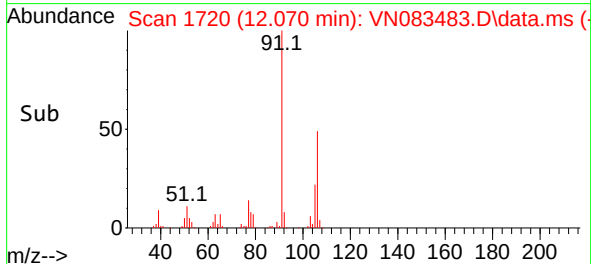
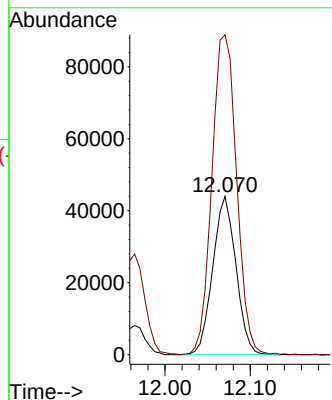
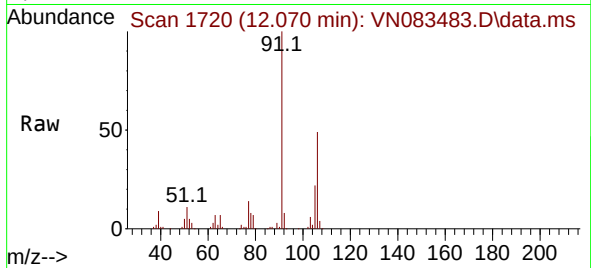




#68
m/p-Xylenes
Concen: 20.656 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083483.D
Acq: 26 Aug 2024 15:44

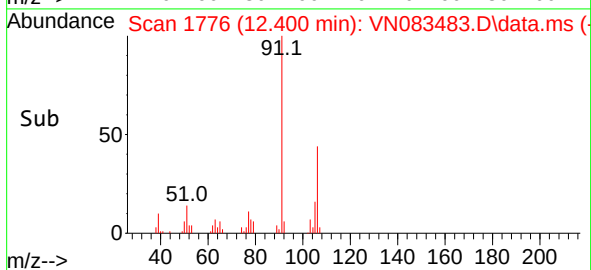
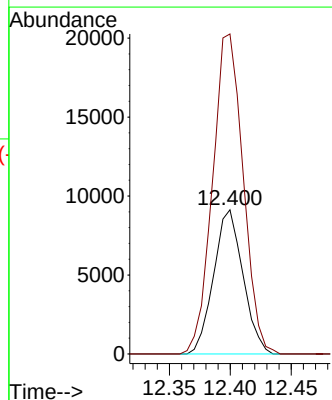
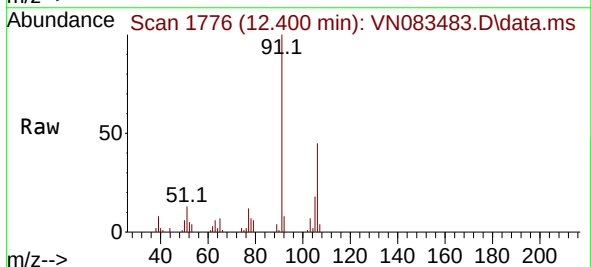
Instrument :
MSVOA_N
ClientSampleId :

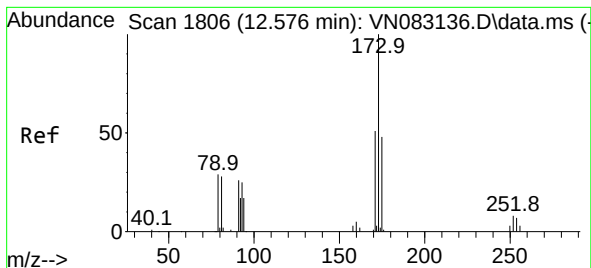
Tgt Ion:106 Resp: 83110
Ion Ratio Lower Upper
106 100
91 215.5 166.1 249.1



#69
o-Xylene
Concen: 3.860 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083483.D
Acq: 26 Aug 2024 15:44

Tgt Ion:106 Resp: 15316
Ion Ratio Lower Upper
106 100
91 231.1 111.3 333.9





#71

Bromoform

Concen: 0.395 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.270 min

Lab File: VN083483.D

Acq: 26 Aug 2024 15:44

Instrument :

MSVOA_N

ClientSampleId :

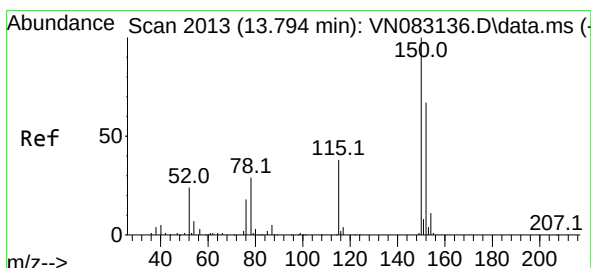
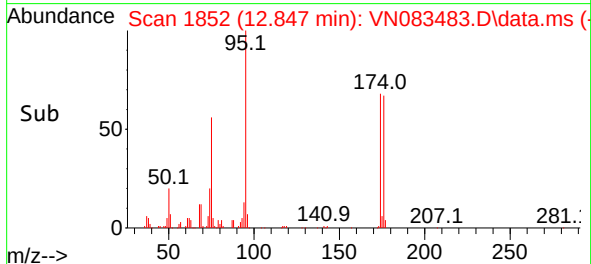
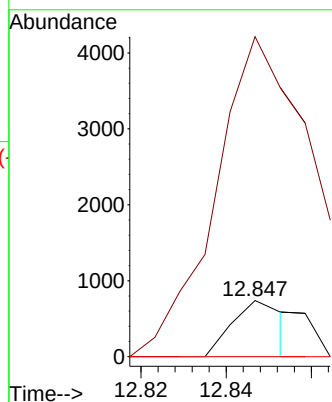
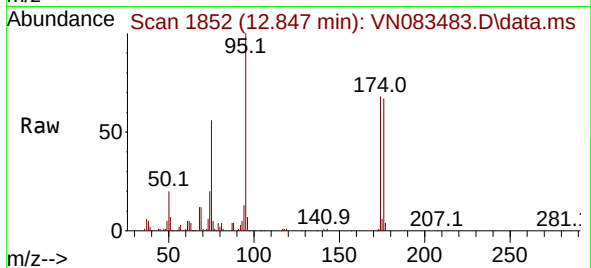
Tgt Ion:173 Resp: 618

Ion Ratio Lower Upper

173 100

175 768.0 24.0 72.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN083483.D

Acq: 26 Aug 2024 15:44

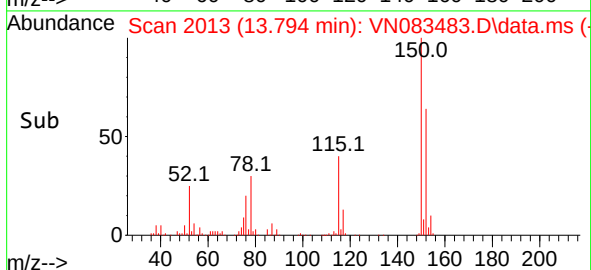
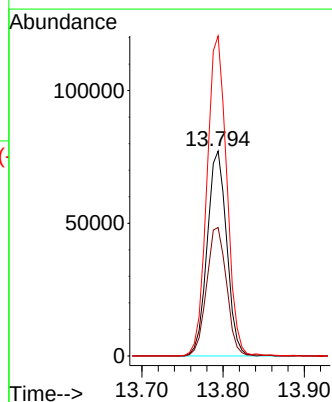
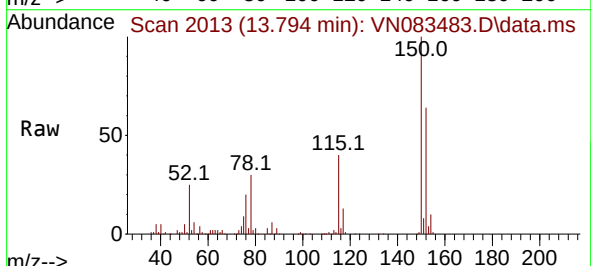
Tgt Ion:152 Resp: 128952

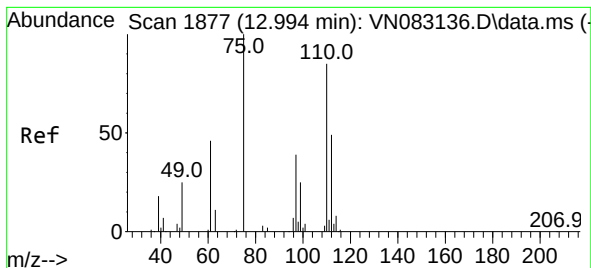
Ion Ratio Lower Upper

152 100

115 64.0 30.6 91.6

150 158.0 0.0 348.6

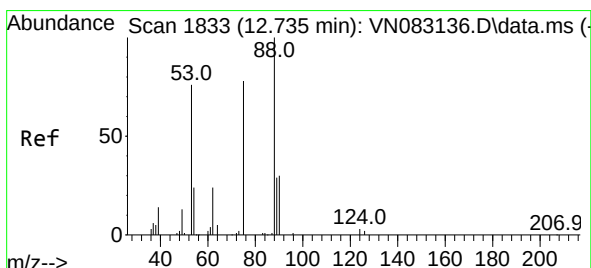
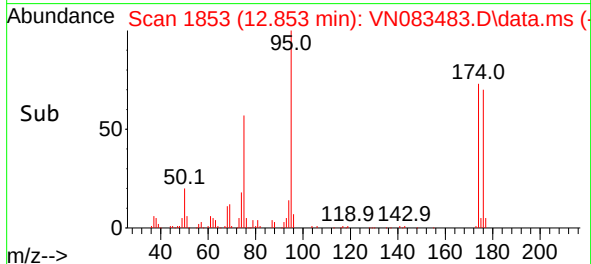
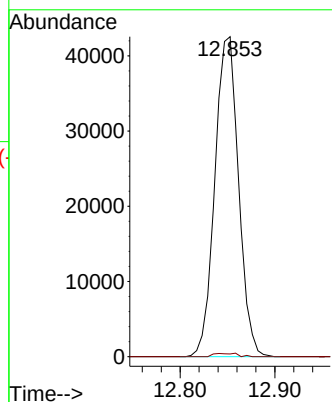
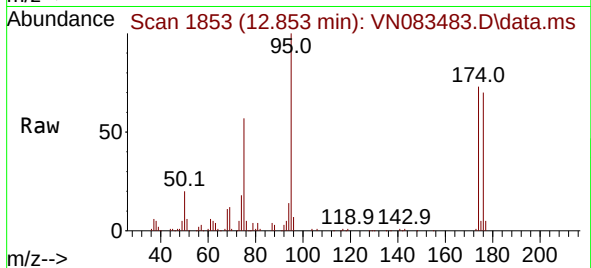




#76
1,2,3-Trichloropropane
Concen: 26.141 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083483.D
Acq: 26 Aug 2024 15:44

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 73983
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.862 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN083483.D
Acq: 26 Aug 2024 15:44

Tgt Ion: 75 Resp: 73983
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

