

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080824\
 Data File : VN083149.D
 Acq On : 08 Aug 2024 12:33
 Operator : JC\MD
 Sample : P3415-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 08 13:33:44 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	144631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120407	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113701	55.231	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.460%
35) Dibromofluoromethane	8.165	113	91670	53.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.820%
50) Toluene-d8	10.565	98	348640	54.969	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.940%
62) 4-Bromofluorobenzene	12.847	95	144668	58.507	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	117.020%

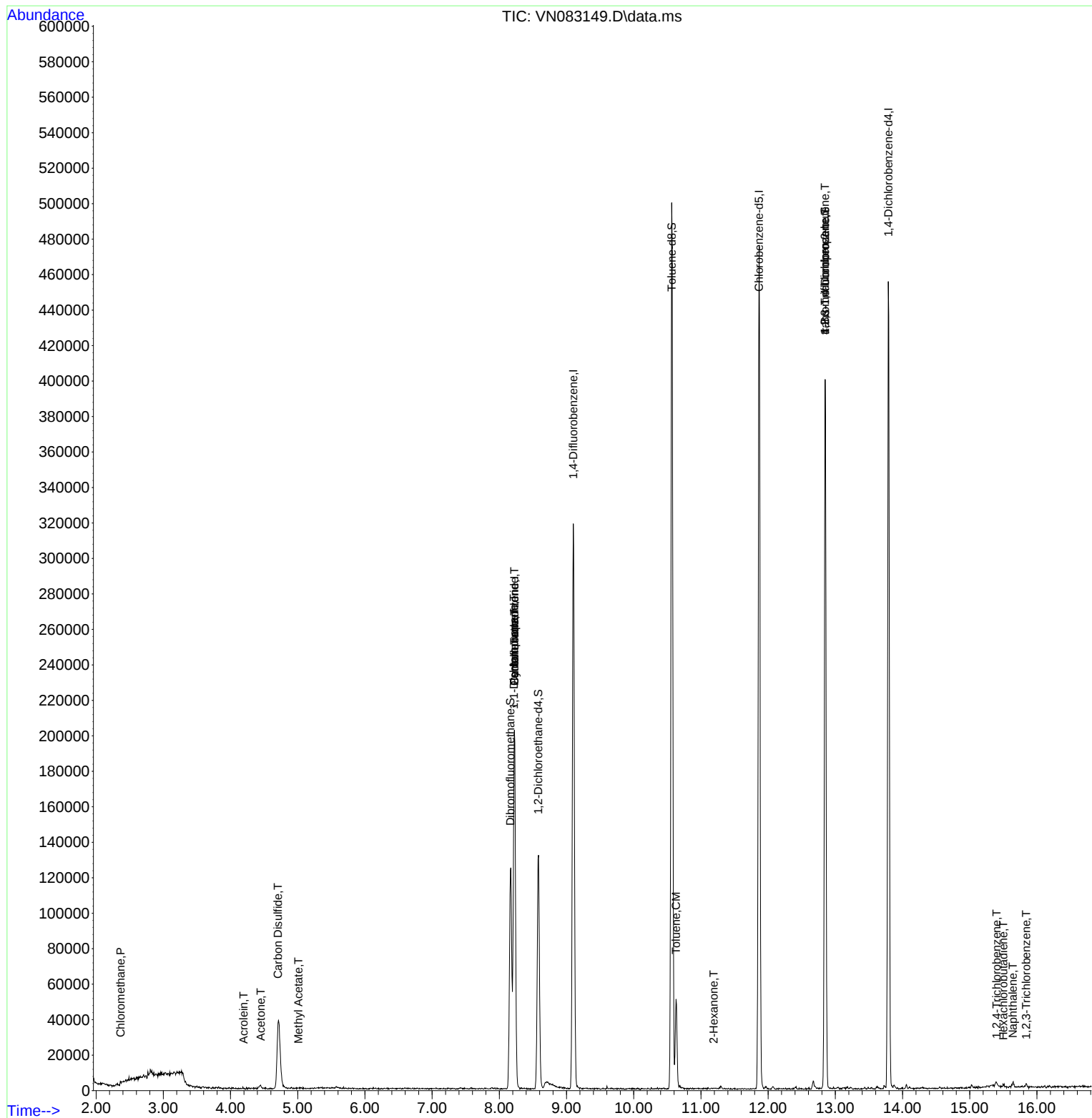
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	609	0.363	ug/l #	57
13) Acrolein	4.195	56	134	0.481	ug/l #	62
16) Acetone	4.448	43	4177	5.185	ug/l	97
17) Carbon Disulfide	4.706	76	2135	0.455	ug/l #	75
18) Methyl Acetate	5.012	43	484	0.202	ug/l #	56
31) Cyclohexane	8.224	56	3771	1.236	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	12678	4.929	ug/l #	52
38) Carbon Tetrachloride	8.224	117	15933	5.500	ug/l #	18
43) Isopropyl Acetate	8.700	43	3477	Below Cal	#	60
52) Toluene	10.630	92	21285	4.397	ug/l	99
59) 2-Hexanone	11.188	43	693	0.329	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	76752	29.044	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76752	63.177	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.400	180	1027	0.450	ug/l #	78
94) Hexachlorobutadiene	15.500	225	456	0.449	ug/l	90
95) Naphthalene	15.641	128	3514	0.435	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.841	180	926	0.410	ug/l	84

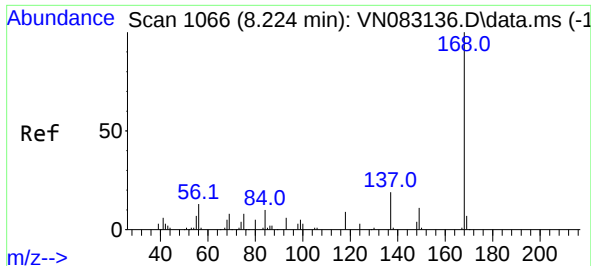
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

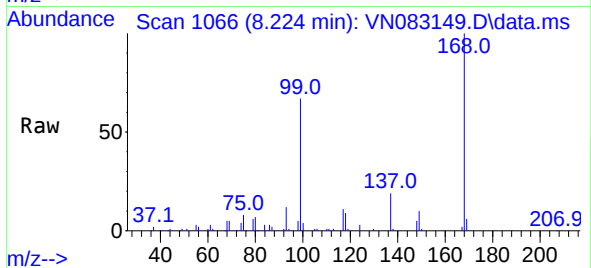
Quant Time: Aug 08 13:33:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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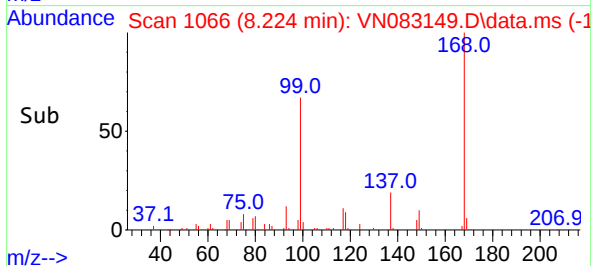
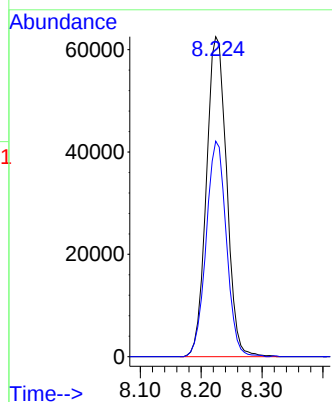


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

Instrument :
MSVOA_N
ClientSampleId :

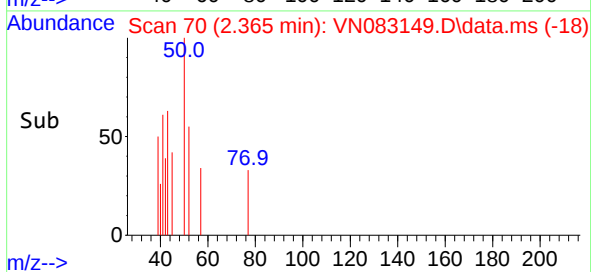
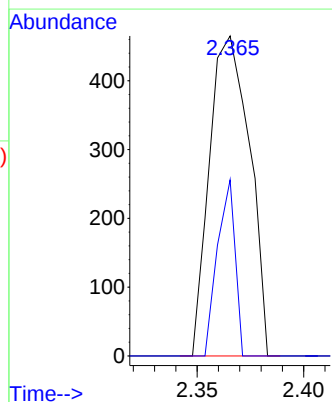
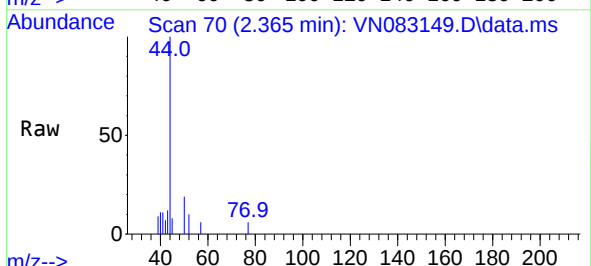


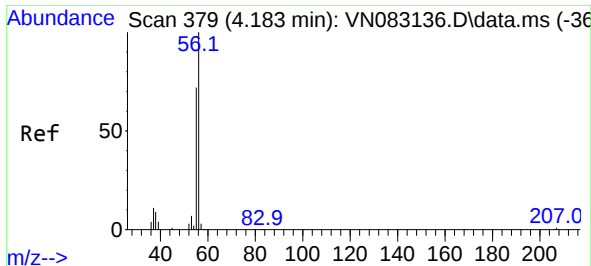
Tgt Ion:168 Resp: 144631
Ion Ratio Lower Upper
168 100
99 67.3 48.2 72.4



#3
Chloromethane
Concen: 0.363 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

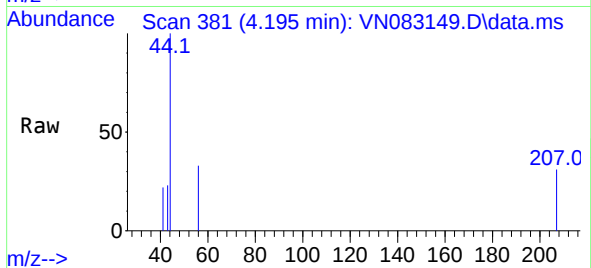
Tgt Ion: 50 Resp: 609
Ion Ratio Lower Upper
50 100
52 55.1 25.0 37.4#



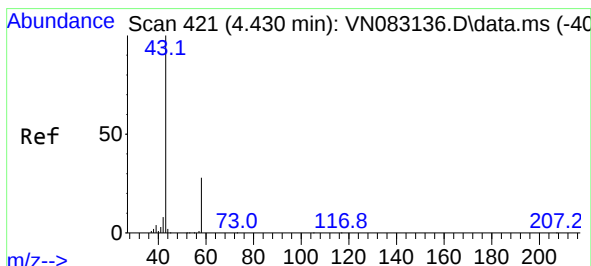
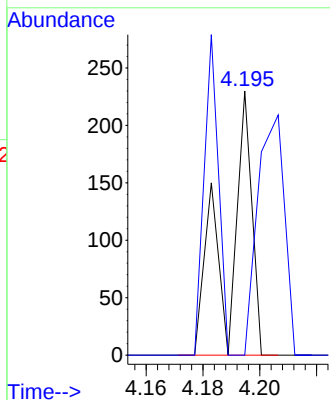
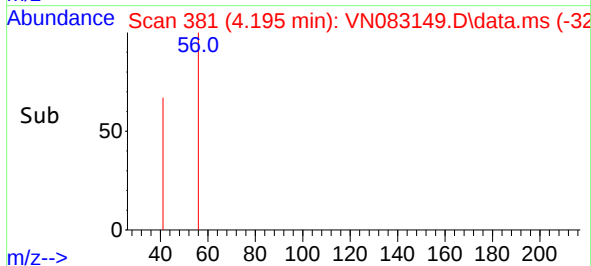


#13
Acrolein
Concen: 0.481 ug/l
RT: 4.195 min Scan# 311
Delta R.T. 0.012 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

Instrument :
MSVOA_N
ClientSampleId :

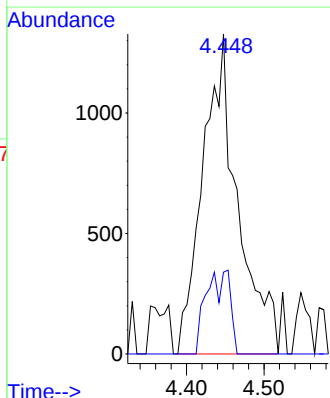
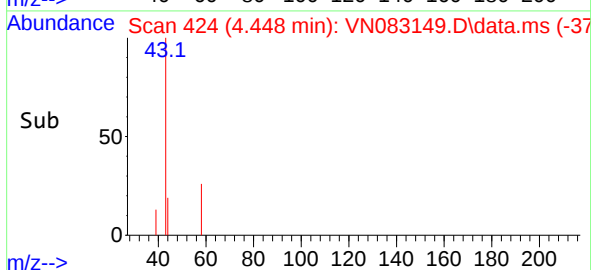
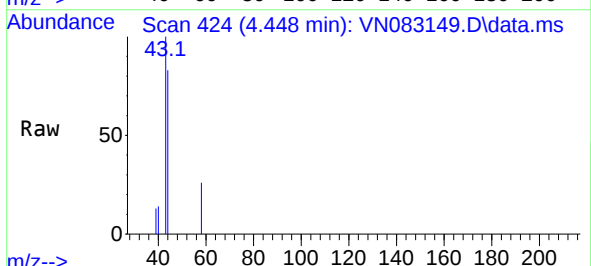


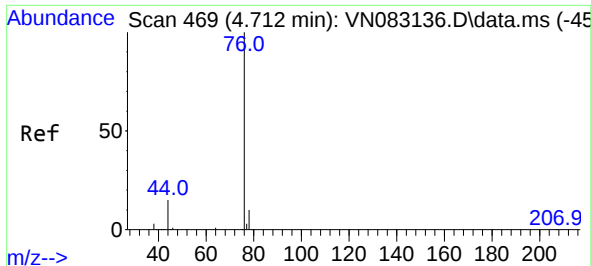
Tgt Ion: 56 Resp: 134
Ion Ratio Lower Upper
56 100
55 101.5 56.4 84.6#



#16
Acetone
Concen: 5.185 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

Tgt Ion: 43 Resp: 4177
Ion Ratio Lower Upper
43 100
58 25.5 21.8 32.6

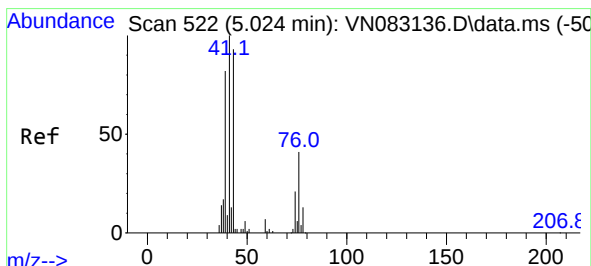
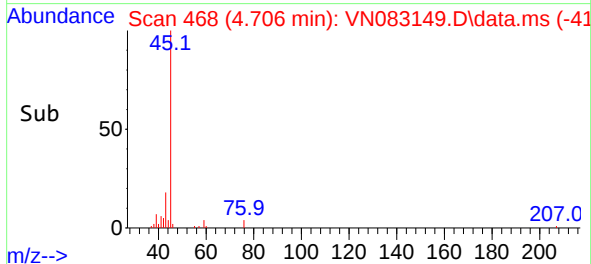
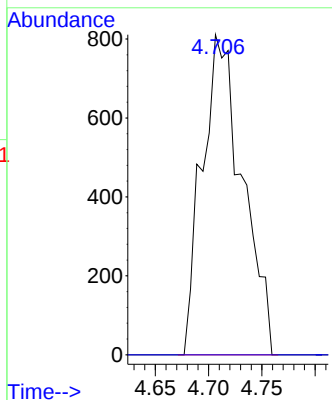
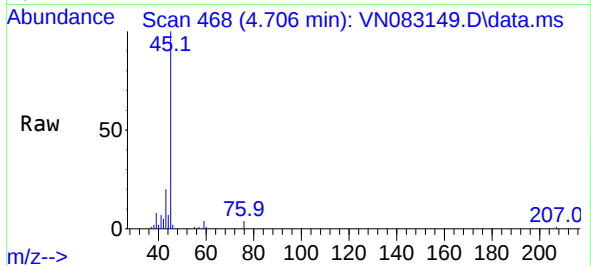




#17
Carbon Disulfide
Concen: 0.455 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

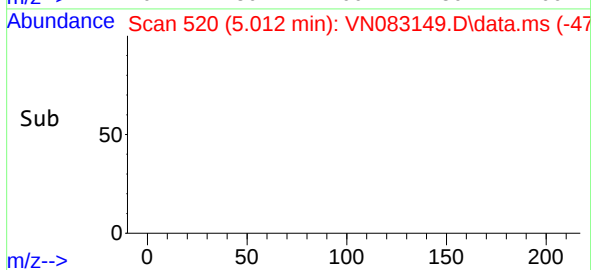
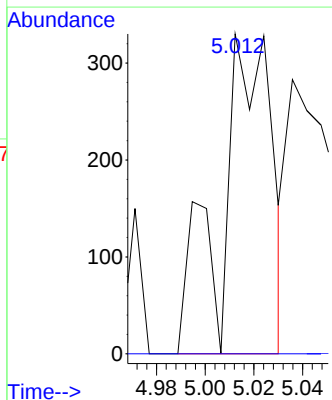
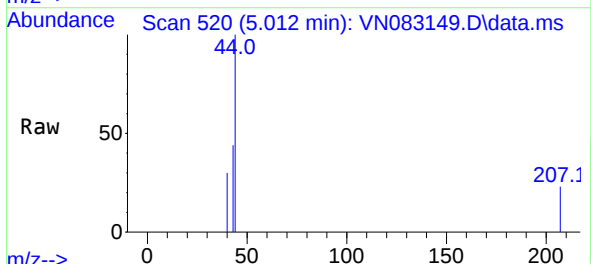
Instrument :
MSVOA_N
ClientSampleId :

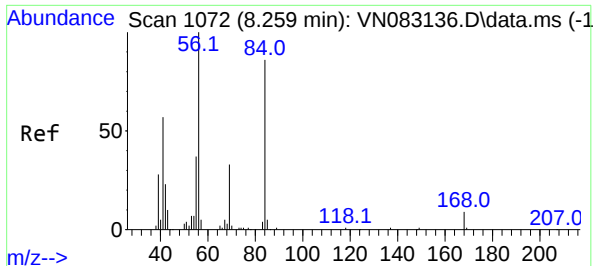
Tgt Ion: 76 Resp: 2135
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.202 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.012 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

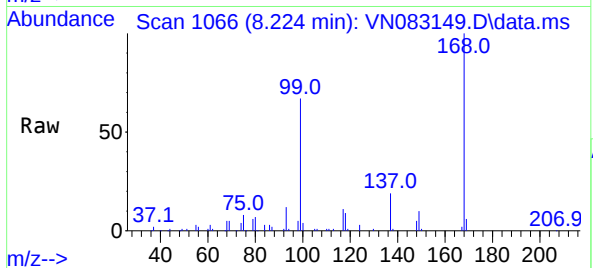
Tgt Ion: 43 Resp: 484
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



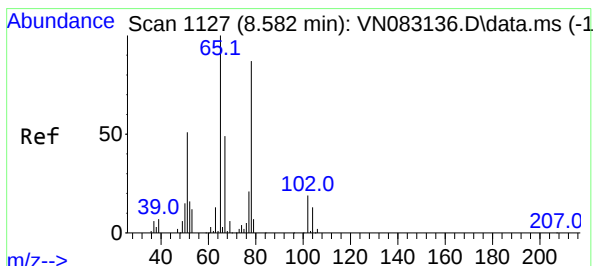
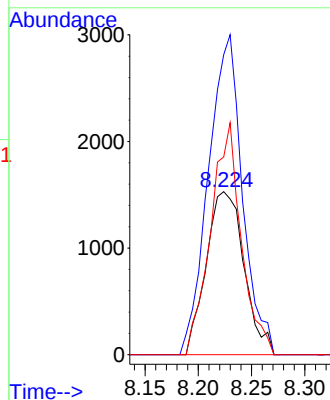
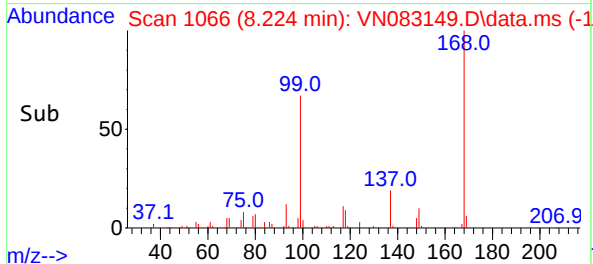


#31
Cyclohexane
Concen: 1.236 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

Instrument :
MSVOA_N
ClientSampleId :

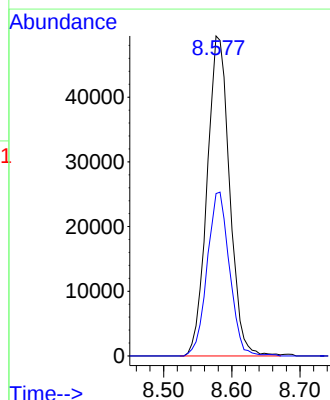
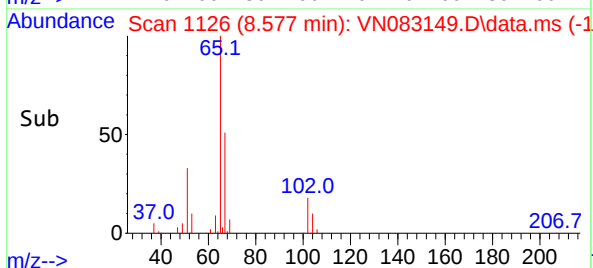
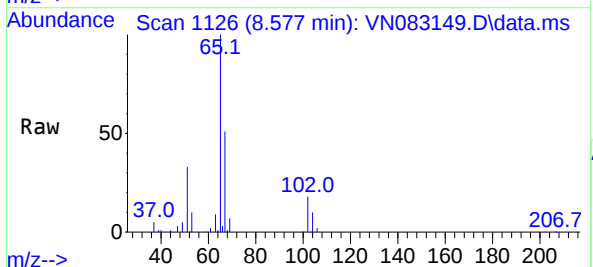


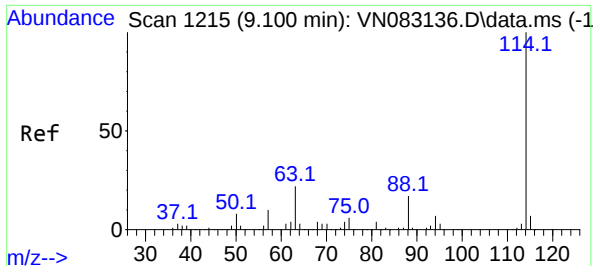
Tgt Ion: 56 Resp: 3771
Ion Ratio Lower Upper
56 100
69 184.0 24.5 36.7#
84 121.3 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 55.231 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

Tgt Ion: 65 Resp: 113701
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.4

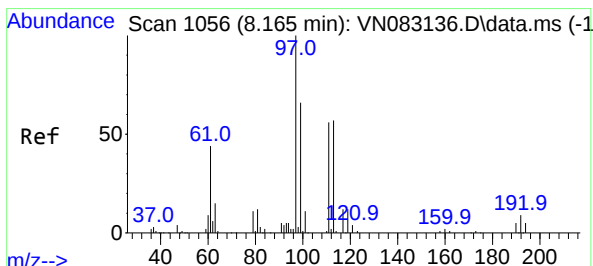
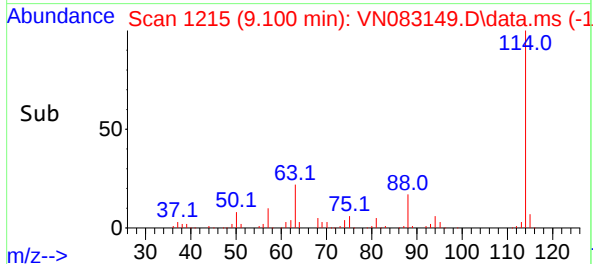
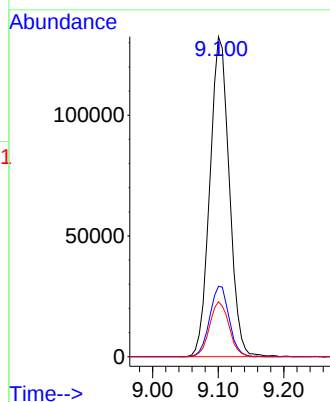
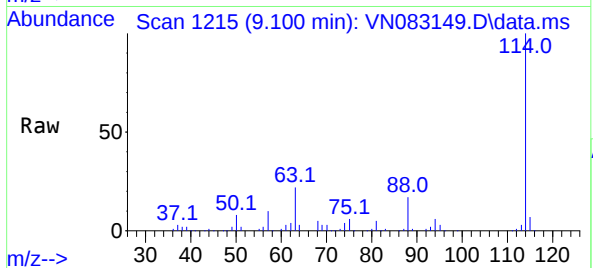




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

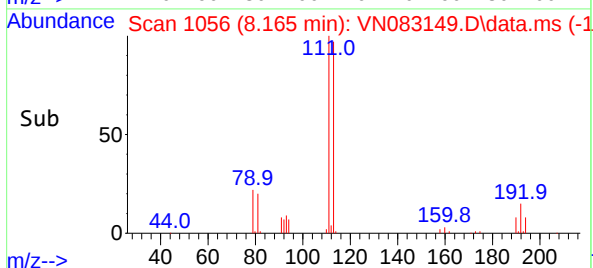
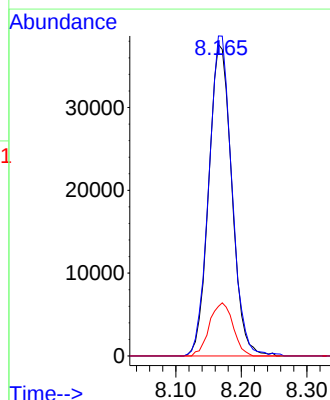
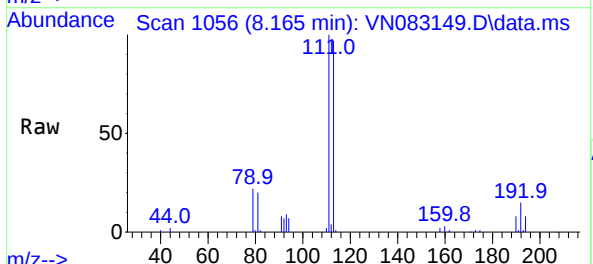
Instrument :
MSVOA_N
ClientSampleId :

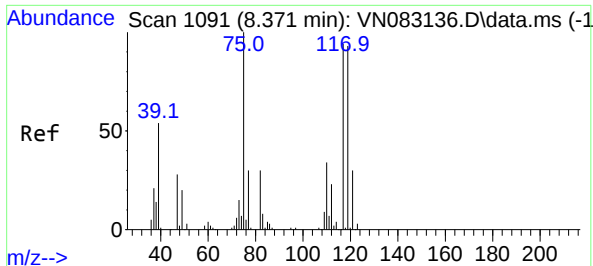
Tgt Ion:114 Resp: 272402
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.6
88 17.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.915 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

Tgt Ion:113 Resp: 91670
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 17.4 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.929 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN083149.D

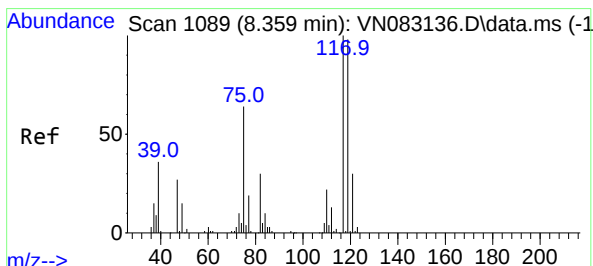
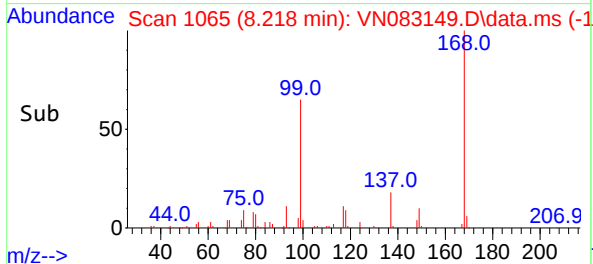
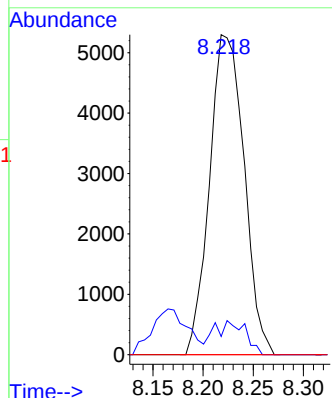
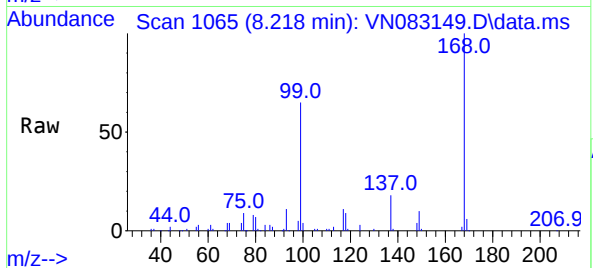
Acq: 08 Aug 2024 12:33

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	12678
Ion	Ratio	Lower	Upper
75	100		
110	9.6	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.500 ug/l

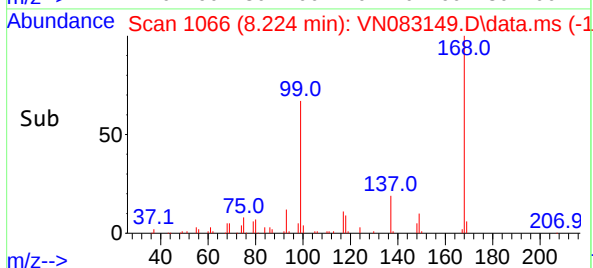
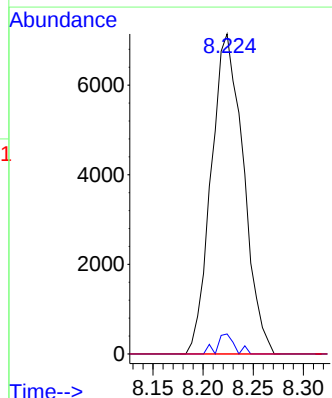
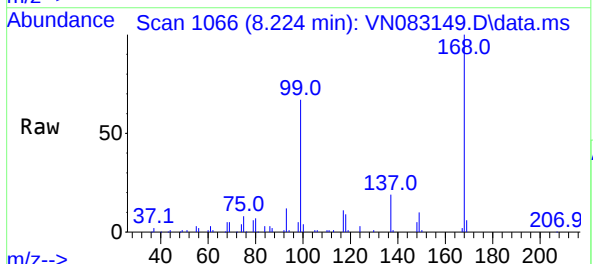
RT: 8.224 min Scan# 1066

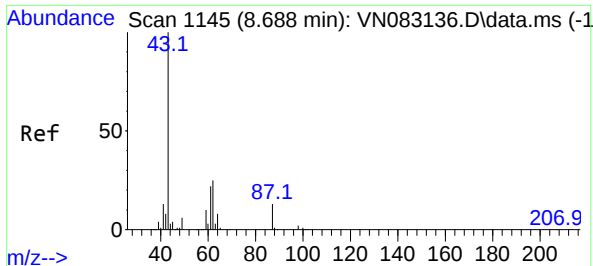
Delta R.T. -0.135 min

Lab File: VN083149.D

Acq: 08 Aug 2024 12:33

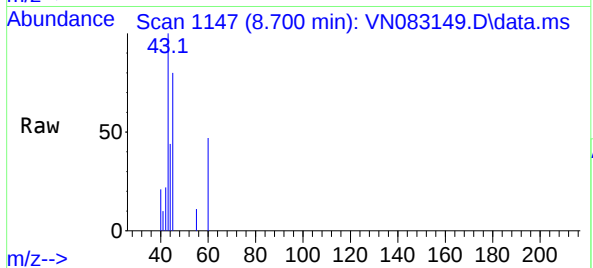
Tgt Ion:	117	Resp:	15933
Ion	Ratio	Lower	Upper
117	100		
119	6.3	74.9	112.3#
121	0.0	24.3	36.5#



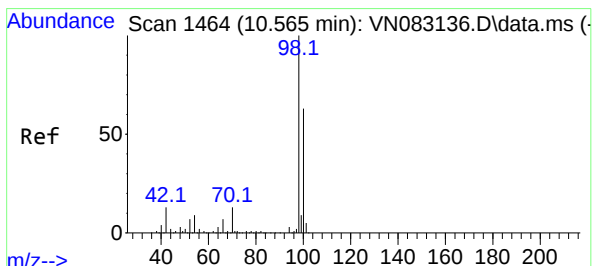
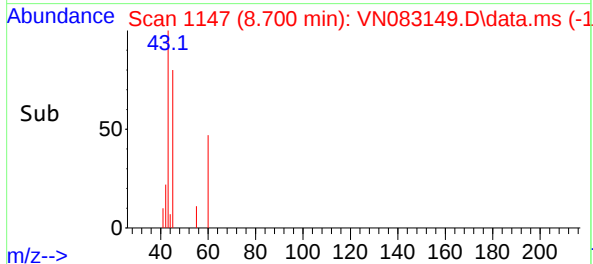
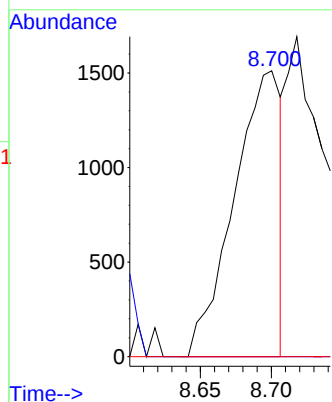


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

Instrument :
MSVOA_N
ClientSampleId :

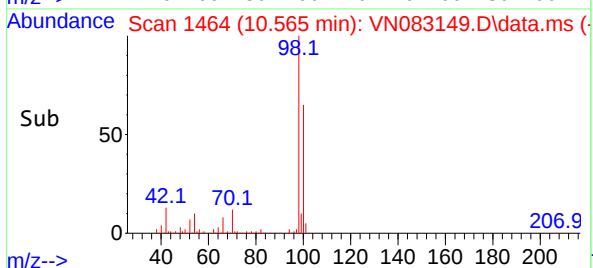
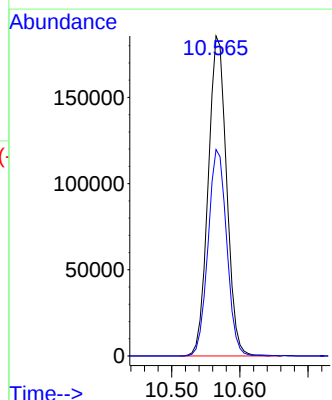
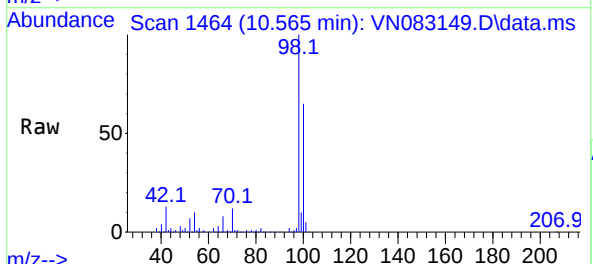


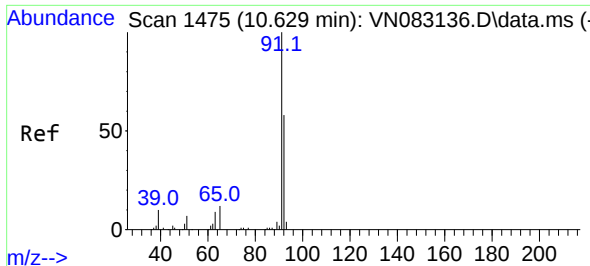
Tgt Ion: 43 Resp: 3477
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 54.969 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

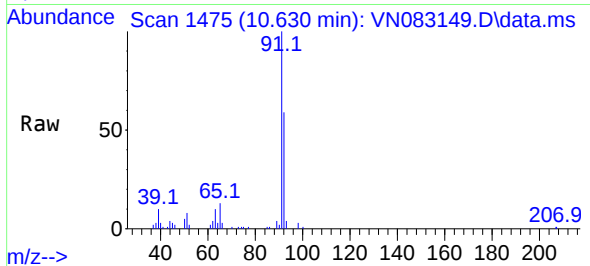
Tgt Ion: 98 Resp: 348640
Ion Ratio Lower Upper
98 100
100 65.3 51.5 77.3



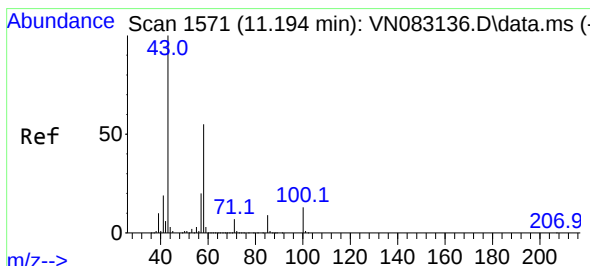
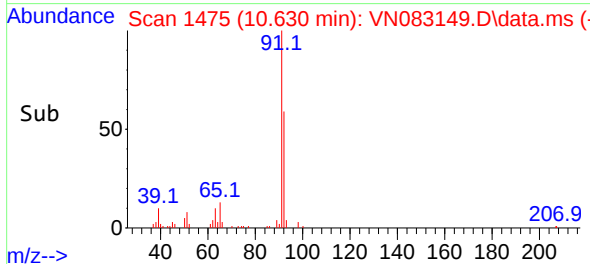
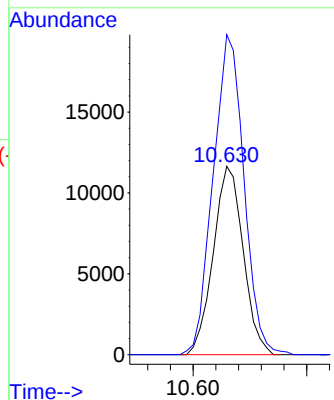


#52
Toluene
Concen: 4.397 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

Instrument :
MSVOA_N
ClientSampleId :

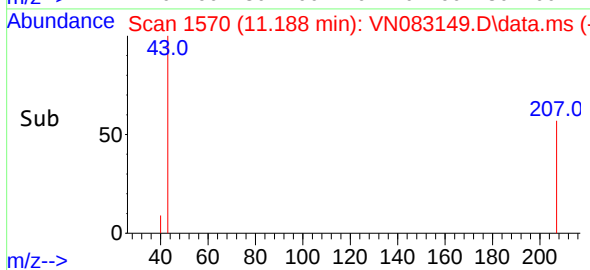
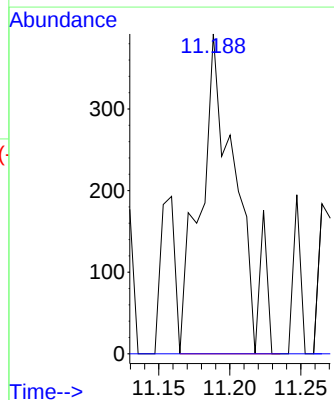
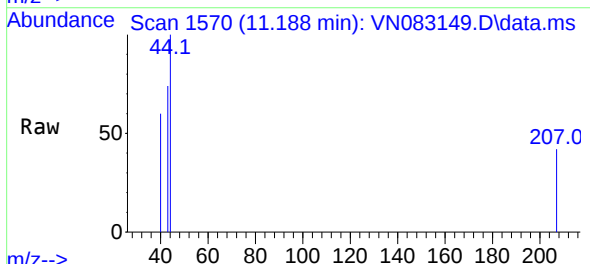


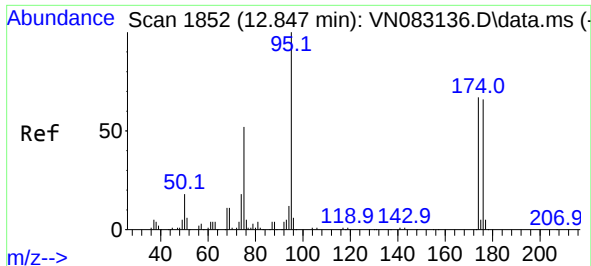
Tgt Ion: 92 Resp: 21285
Ion Ratio Lower Upper
92 100
91 175.2 139.4 209.0



#59
2-Hexanone
Concen: 0.329 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

Tgt Ion: 43 Resp: 693
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#

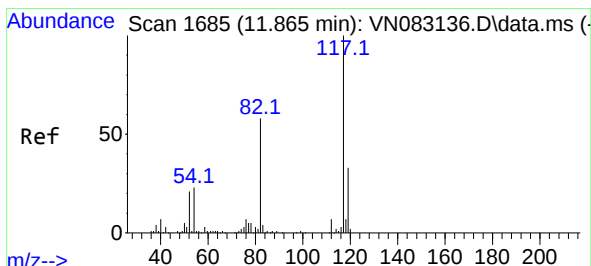
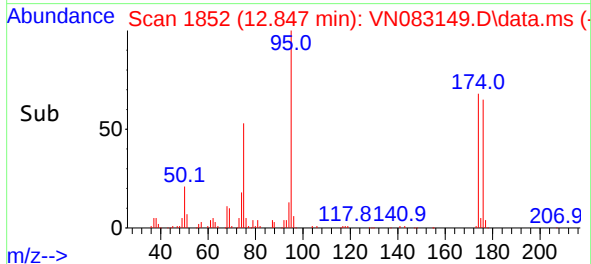
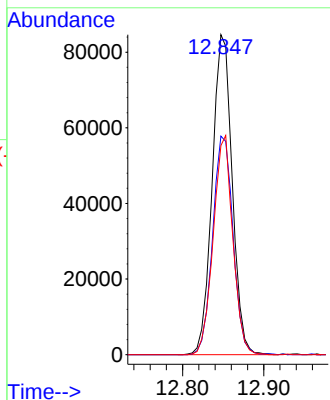
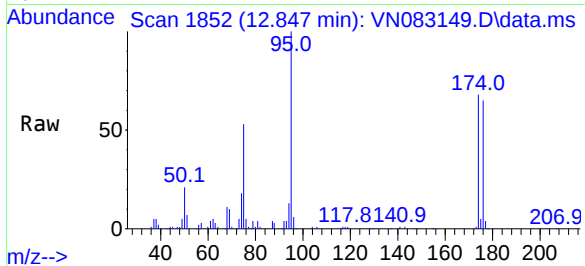




#62
4-Bromofluorobenzene
Concen: 58.507 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

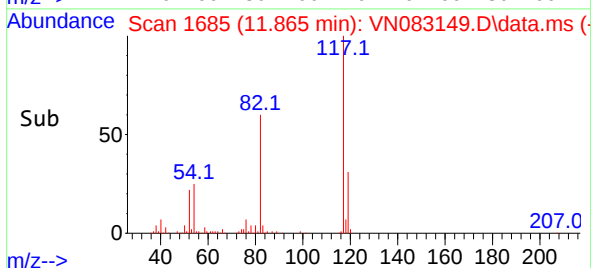
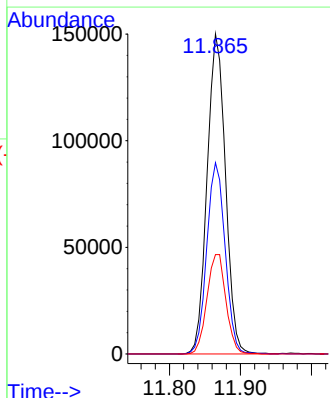
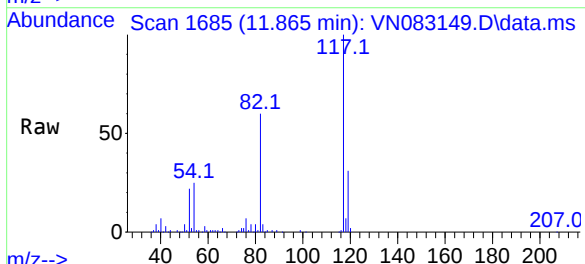
Instrument :
MSVOA_N
ClientSampleId :

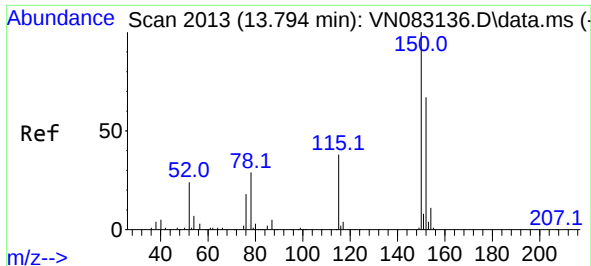
Tgt Ion: 95 Resp: 144668
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 67.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

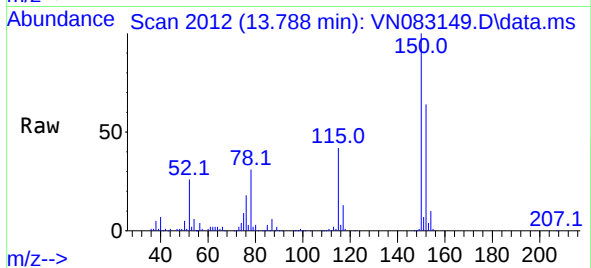
Tgt Ion: 117 Resp: 269888
Ion Ratio Lower Upper
117 100
82 59.8 47.5 71.3
119 31.1 25.6 38.4



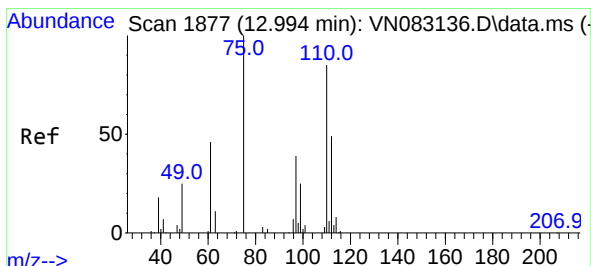
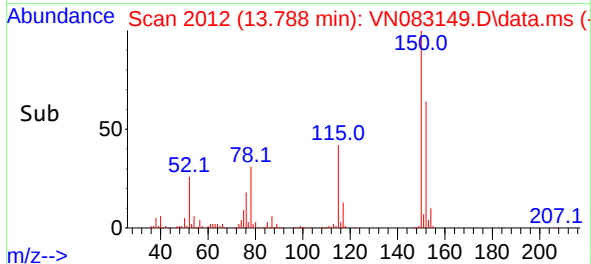
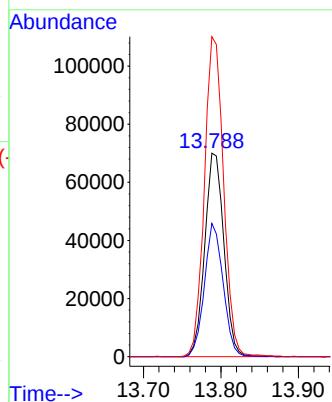


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

Instrument :
MSVOA_N
ClientSampleId :

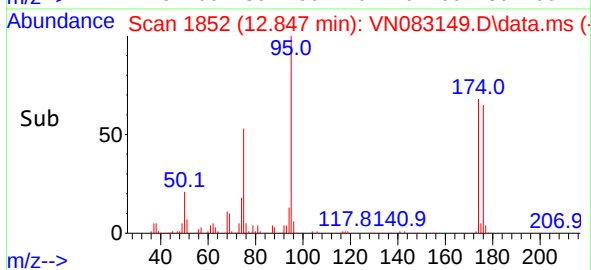
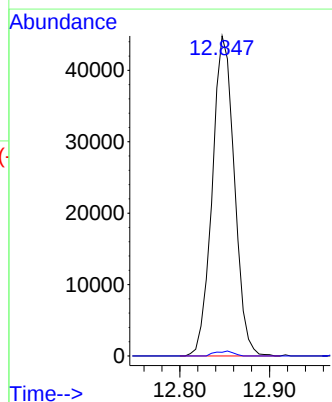
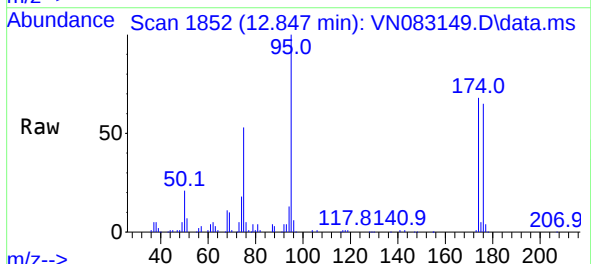


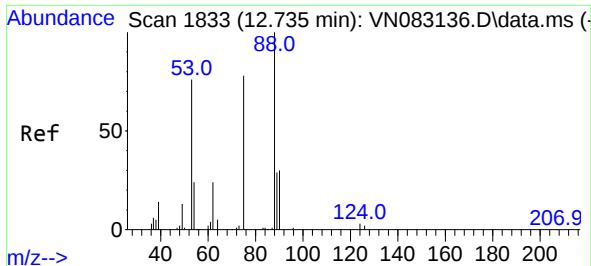
Tgt Ion:152 Resp: 120407
Ion Ratio Lower Upper
152 100
115 64.0 30.6 91.6
150 157.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 29.044 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

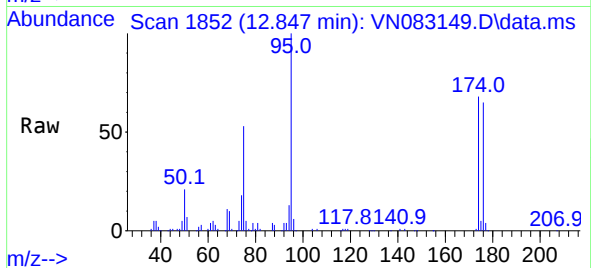
Tgt Ion: 75 Resp: 76752
Ion Ratio Lower Upper
75 100
77 1.3 110.9 332.6#



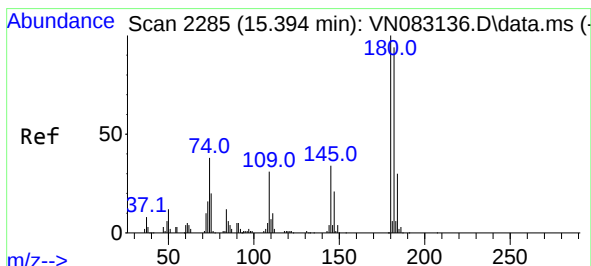
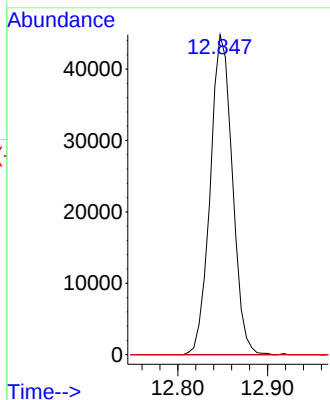
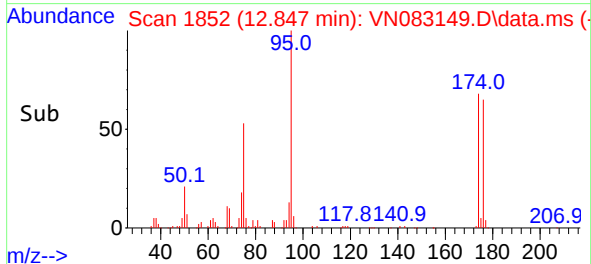


#81
trans-1,4-Dichloro-2-butene
Concen: 63.177 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

Instrument :
MSVOA_N
ClientSampleId :

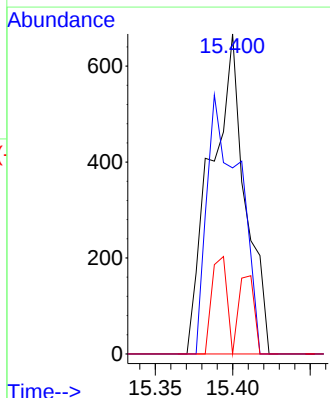
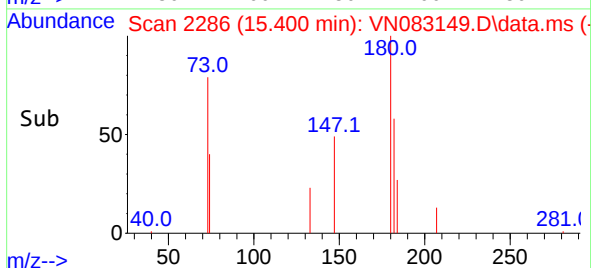
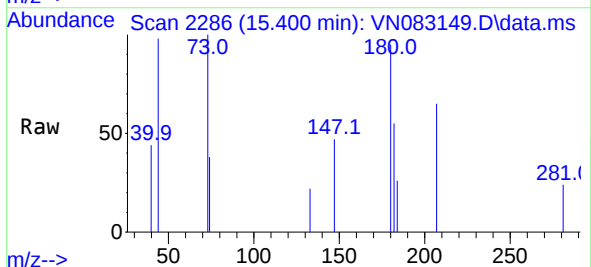


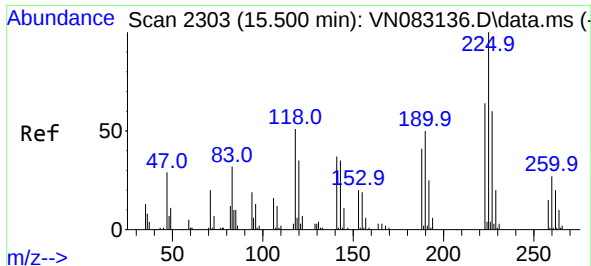
Tgt Ion: 75 Resp: 76752
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.450 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

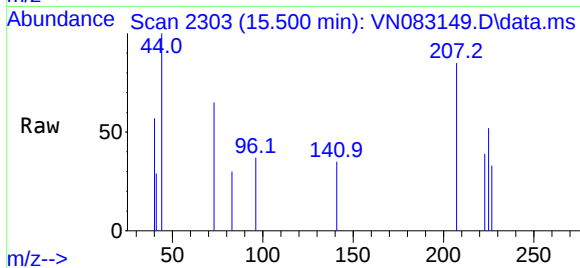
Tgt Ion:180 Resp: 1027
Ion Ratio Lower Upper
180 100
182 76.5 47.3 141.8
145 13.3 15.7 47.1#



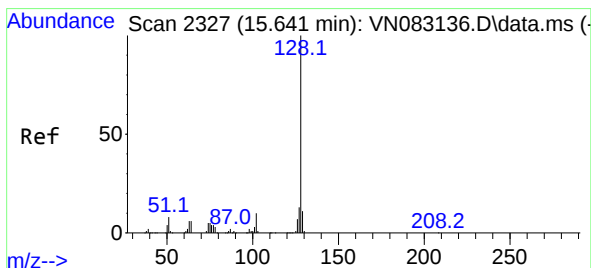
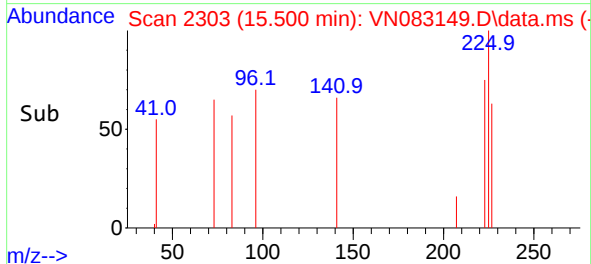
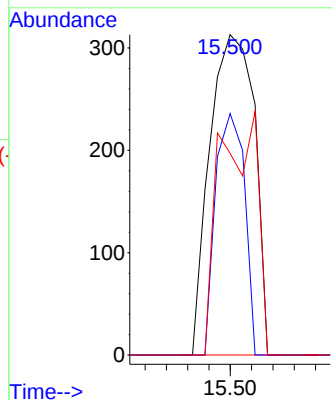


#94
Hexachlorobutadiene
Concen: 0.449 ug/l
RT: 15.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

Instrument :
MSVOA_N
ClientSampleId :

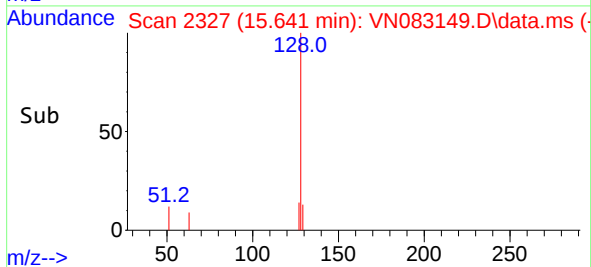
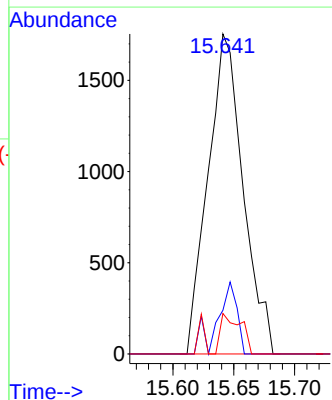
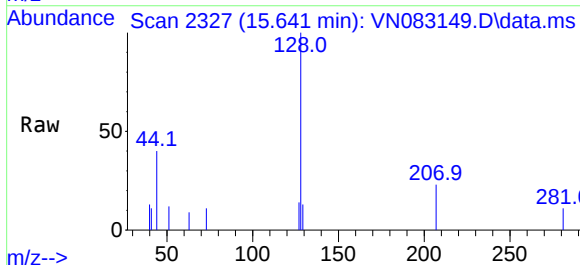


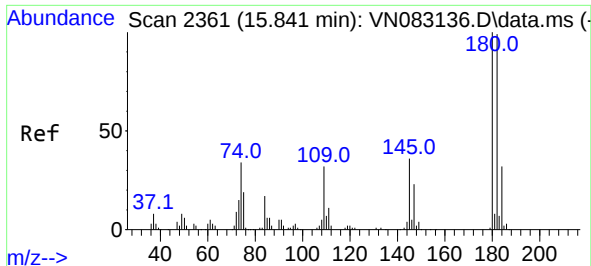
Tgt Ion:	225	Resp:	456
Ion	Ratio	Lower	Upper
225	100		
223	48.7	31.9	95.7
227	64.0	32.5	97.5



#95
Naphthalene
Concen: 0.435 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

Tgt Ion:	128	Resp:	3514
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	7.3	8.6	12.8





#96

1,2,3-Trichlorobenzene

Concen: 0.410 ug/l

RT: 15.841 min Scan# 21

Delta R.T. 0.000 min

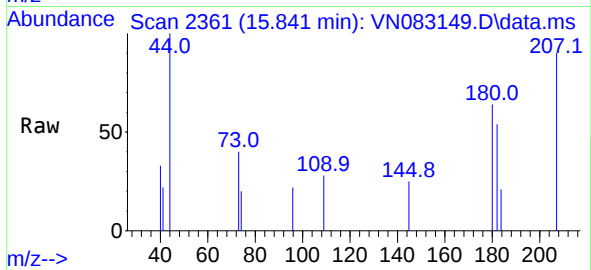
Lab File: VN083149.D

Acq: 08 Aug 2024 12:33

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 926

Ion Ratio Lower Upper

180 100

182 85.0 48.9 146.8

145 20.2 16.8 50.4

