

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083063.D
 Acq On : 30 Jul 2024 12:49
 Operator : JC\MD
 Sample : VN0730MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 30 16:40:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

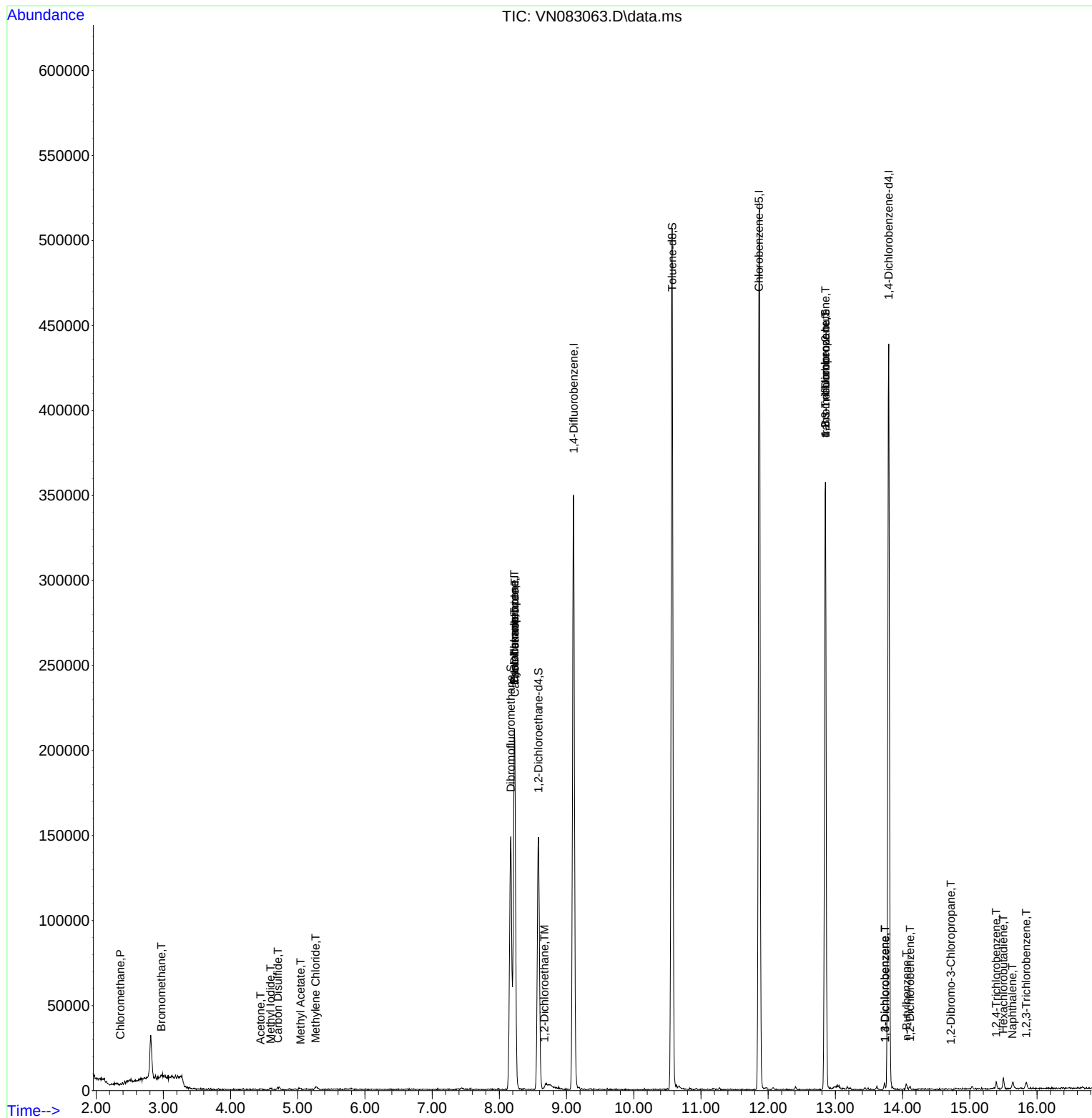
Internal Standards						
1) Pentafluorobenzene	8.224	168	146034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	293452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	123452	60.306	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.620%			
35) Dibromofluoromethane	8.171	113	102455	56.102	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.200%			
50) Toluene-d8	10.570	98	341073	50.566	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.140%			
62) 4-Bromofluorobenzene	12.853	95	112729	46.526	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 93.060%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	688	0.384	ug/l #	43
5) Bromomethane	2.971	94	1352	0.996	ug/l #	70
10) Methyl Iodide	4.594	142	594	0.378	ug/l #	70
16) Acetone	4.447	43	590	0.819	ug/l #	48
17) Carbon Disulfide	4.706	76	1707	0.383	ug/l #	75
18) Methyl Acetate	5.041	43	526	0.276	ug/l #	56
20) Methylene Chloride	5.265	84	772	0.444	ug/l #	51
31) Cyclohexane	8.224	56	4719	1.763	ug/l #	8
36) 1,1-Dichloropropene	8.224	75	13276	5.273	ug/l #	51
38) Carbon Tetrachloride	8.229	117	16172	5.334	ug/l #	19
42) 1,2-Dichloroethane	8.671	62	575	0.206	ug/l #	78
43) Isopropyl Acetate	8.694	43	1443	Below Cal	#	60
76) 1,2,3-Trichloropropane	12.853	75	64306	32.951	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	64306	64.805	ug/l #	6
87) 1,3-Dichlorobenzene	13.741	146	908	0.237	ug/l	78
88) 1,4-Dichlorobenzene	13.741	146	908	0.229	ug/l	78
89) n-Butylbenzene	14.058	91	2248	0.395	ug/l	87
91) 1,2-Dichlorobenzene	14.111	146	1131	0.304	ug/l #	71
92) 1,2-Dibromo-3-Chloropr...	14.717	75	127	0.223	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.394	180	1361	0.679	ug/l	92
94) Hexachlorobutadiene	15.500	225	1437	1.617	ug/l	78
95) Naphthalene	15.635	128	4438	0.646	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.841	180	1680	0.815	ug/l	97

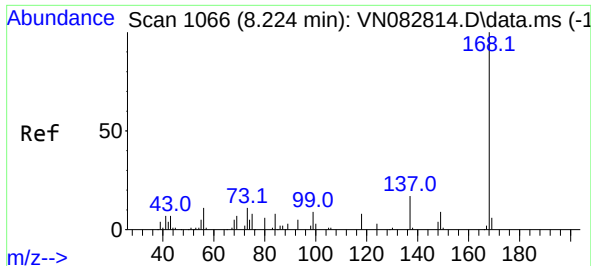
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
Data File : VN083063.D
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Operator : JC\MD
Sample : VN0730MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 30 16:40:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

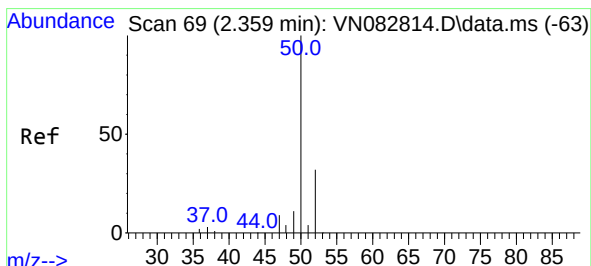
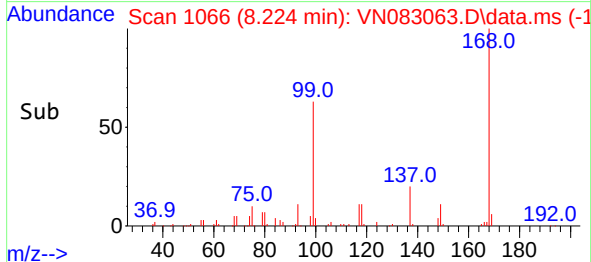
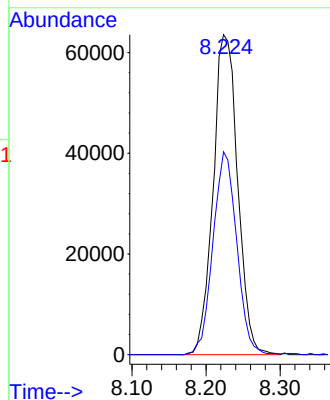
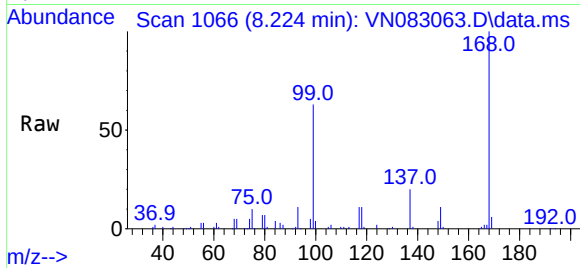




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

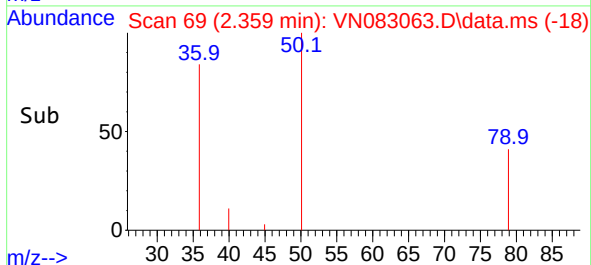
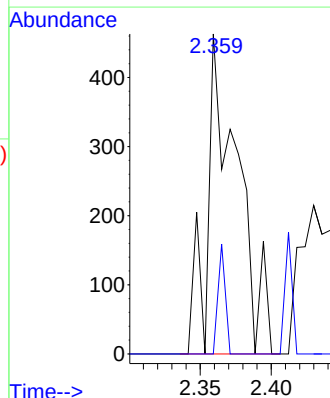
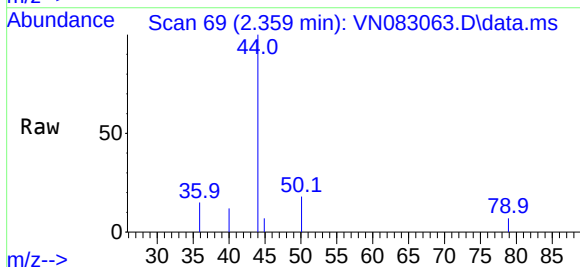
Instrument :
MSVOA_N
ClientSampleId :

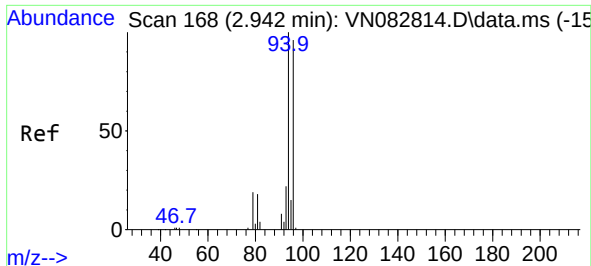
Tgt Ion:168 Resp: 146034
Ion Ratio Lower Upper
168 100
99 63.4 48.2 72.4



#3
Chloromethane
Concen: 0.384 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

Tgt Ion: 50 Resp: 688
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

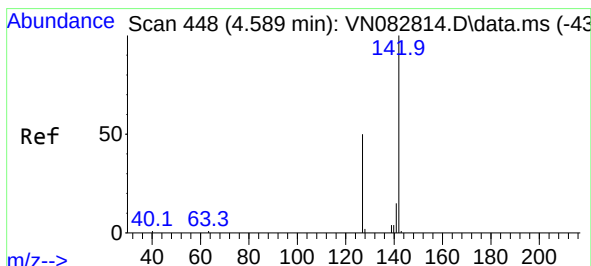
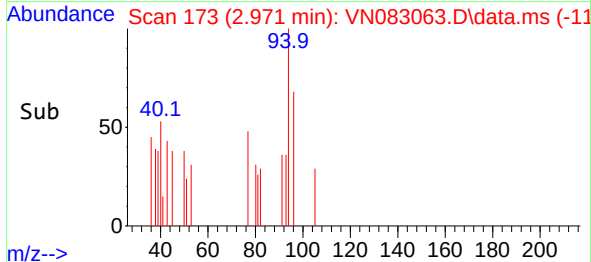
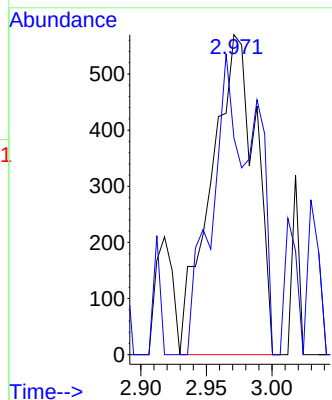
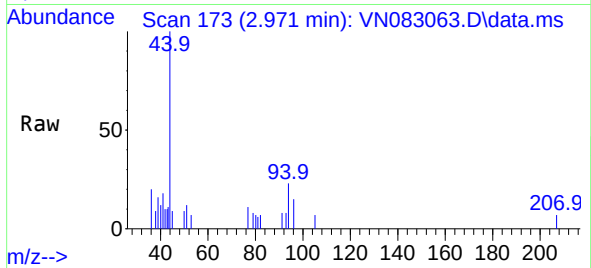




#5
Bromomethane
Concen: 0.996 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

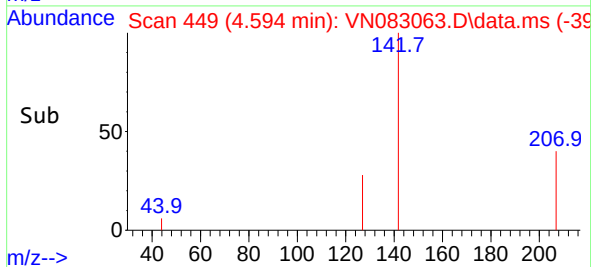
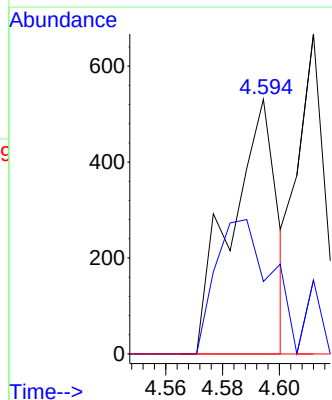
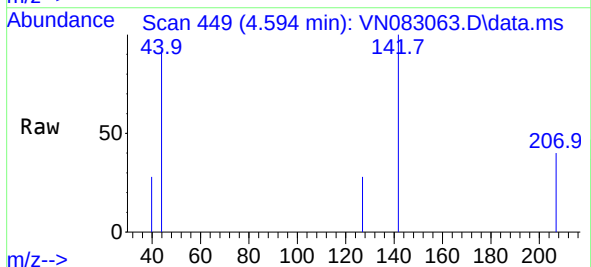
Instrument :
MSVOA_N
ClientSampleId :

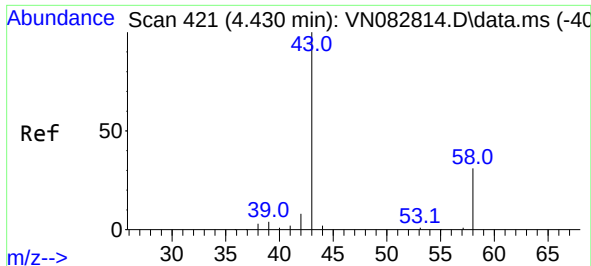
Tgt Ion: 94 Resp: 1352
Ion Ratio Lower Upper
94 100
96 67.7 78.0 117.0#



#10
Methyl Iodide
Concen: 0.378 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

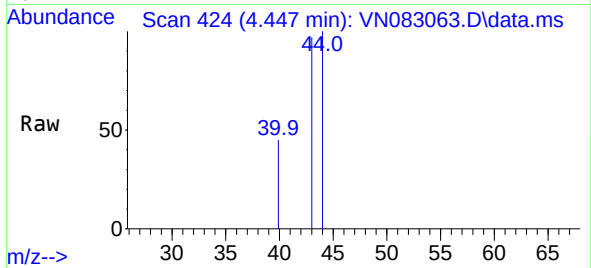
Tgt Ion:142 Resp: 594
Ion Ratio Lower Upper
142 100
127 28.4 37.5 56.3#
141 0.0 13.1 19.7#



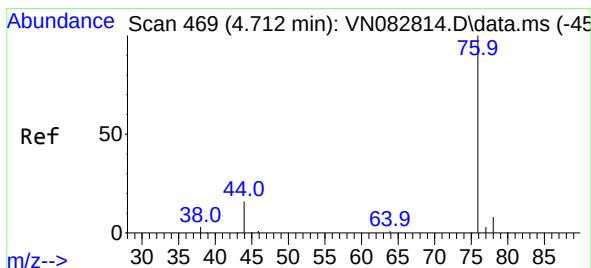
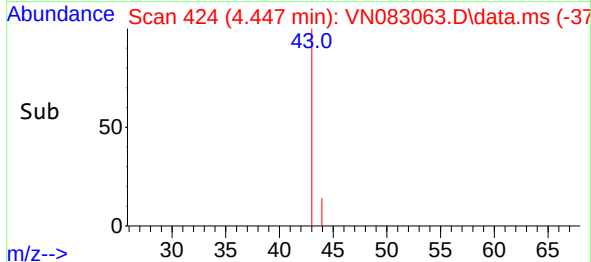
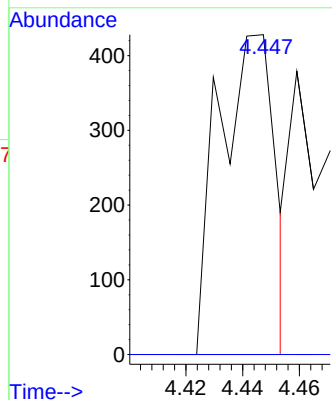


#16
Acetone
Concen: 0.819 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :

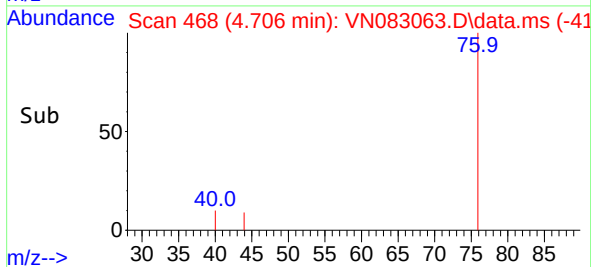
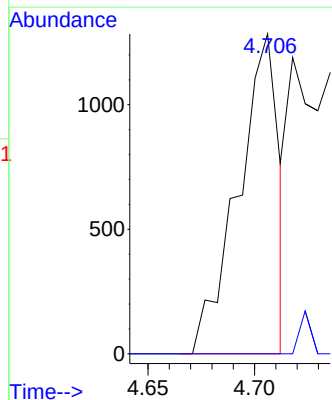
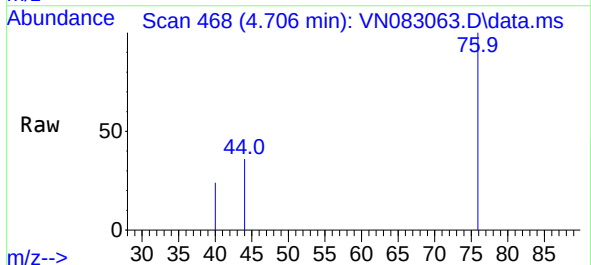


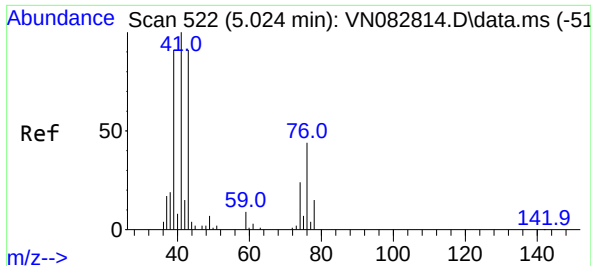
Tgt Ion: 43 Resp: 590
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.383 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

Tgt Ion: 76 Resp: 1707
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.276 ug/l

RT: 5.041 min Scan# 51

Delta R.T. 0.011 min

Lab File: VN083063.D

Acq: 30 Jul 2024 12:49

Instrument :

MSVOA_N

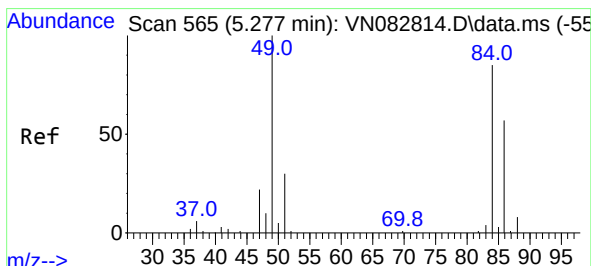
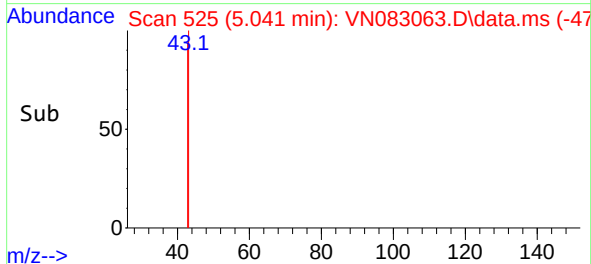
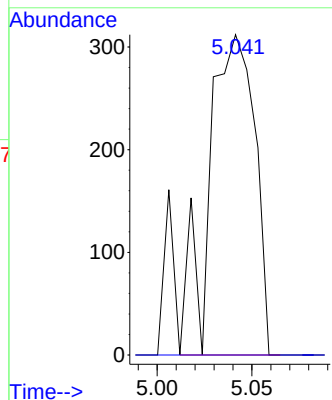
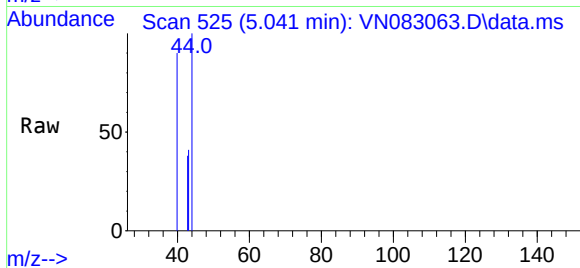
ClientSampleId :

Tgt Ion: 43 Resp: 526

Ion Ratio Lower Upper

43 100

74 0.0 16.3 24.5#



#20

Methylene Chloride

Concen: 0.444 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.012 min

Lab File: VN083063.D

Acq: 30 Jul 2024 12:49

Tgt Ion: 84 Resp: 772

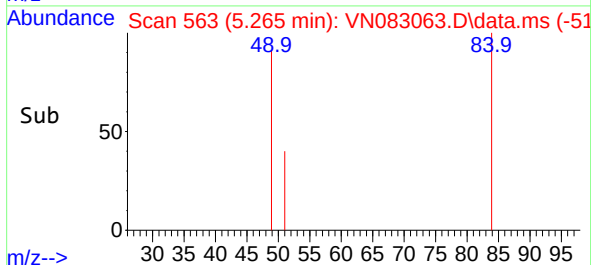
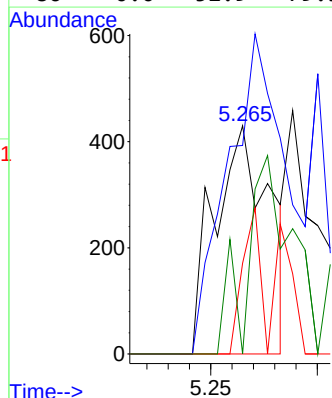
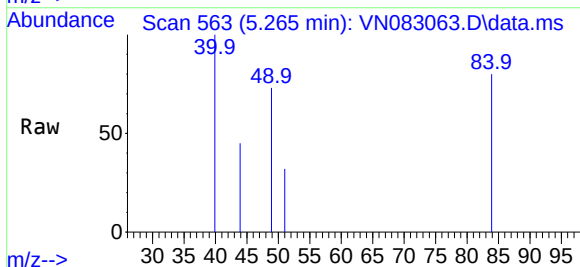
Ion Ratio Lower Upper

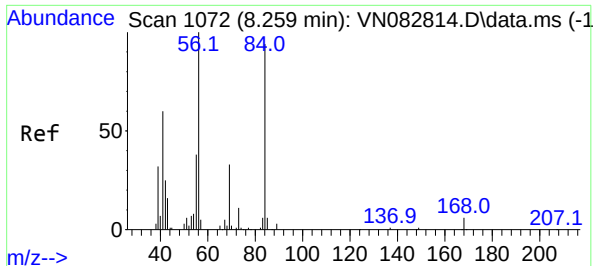
84 100

49 91.4 119.6 179.4#

51 39.8 34.8 52.2

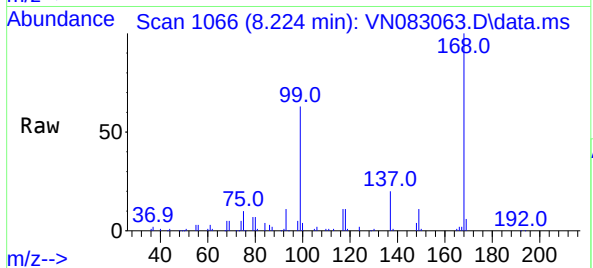
86 0.0 52.9 79.3#



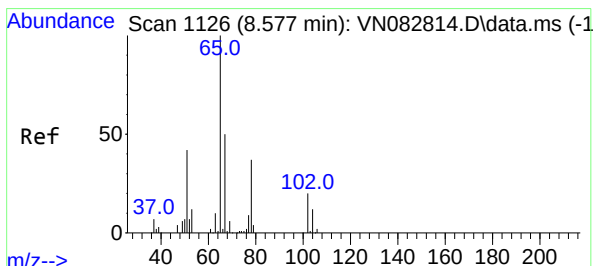
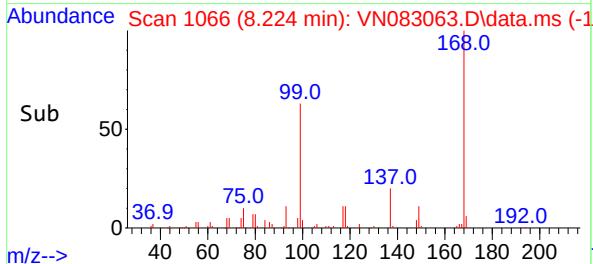
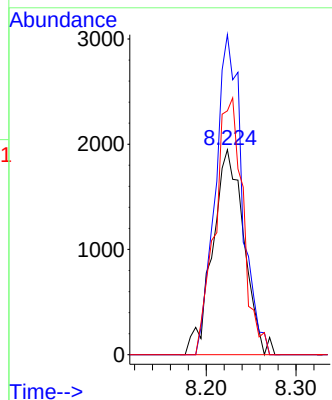


#31
Cyclohexane
Concen: 1.763 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :

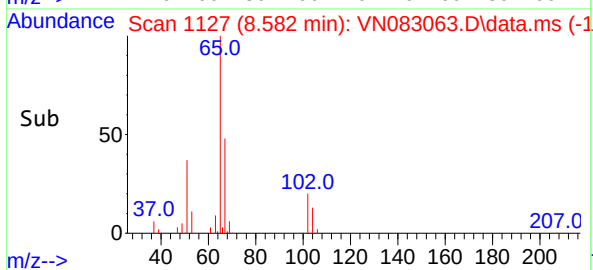
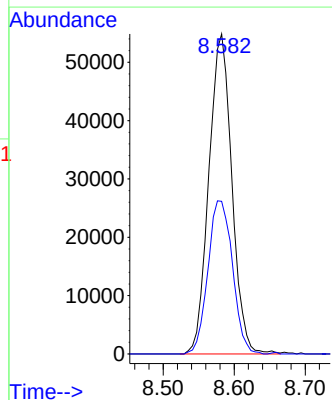
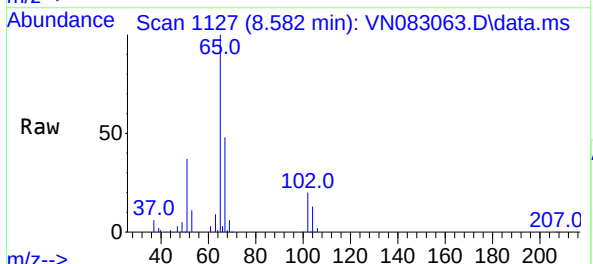


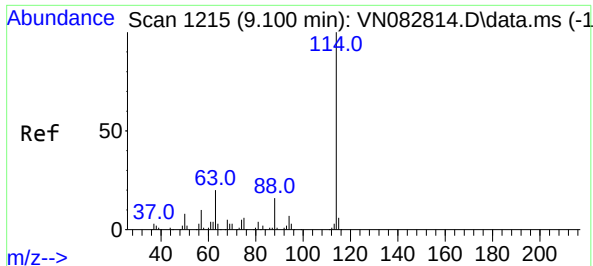
Tgt Ion: 56 Resp: 4719
Ion Ratio Lower Upper
56 100
69 156.1 24.5 36.7#
84 119.0 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 60.306 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

Tgt Ion: 65 Resp: 123452
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.4

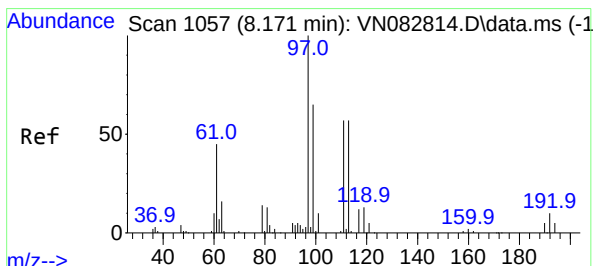
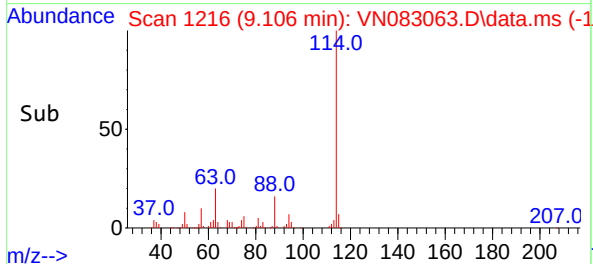
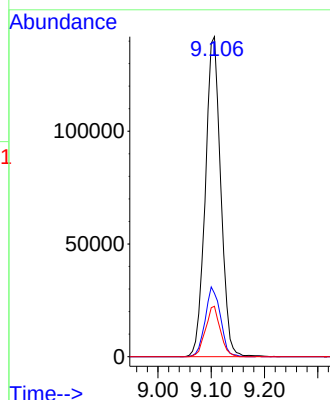
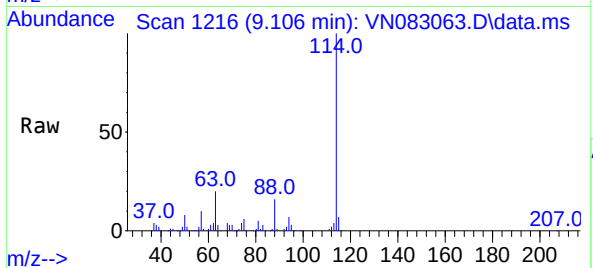




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

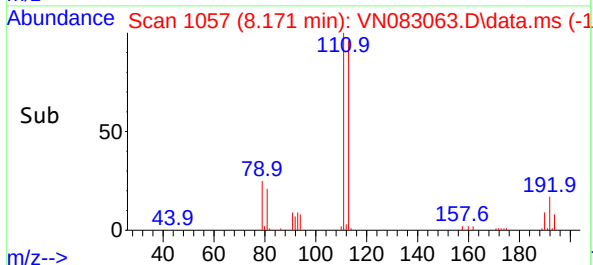
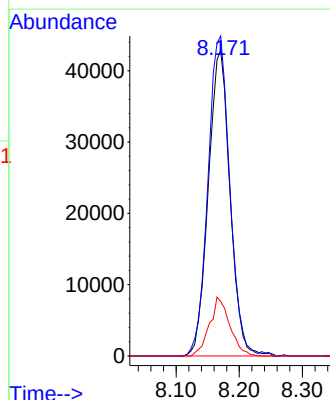
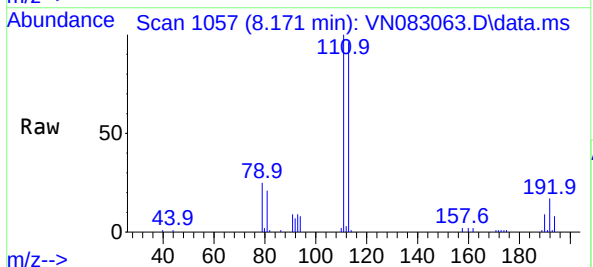
Instrument :
MSVOA_N
ClientSampleId :

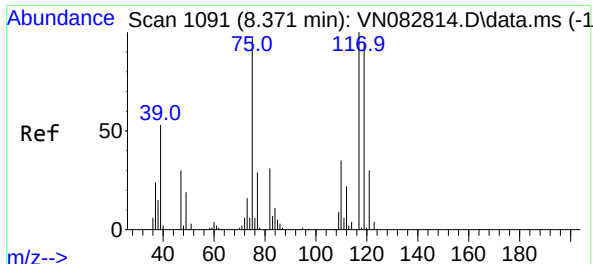
Tgt Ion:114 Resp: 284604
Ion Ratio Lower Upper
114 100
63 19.8 0.0 44.6
88 15.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 56.102 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

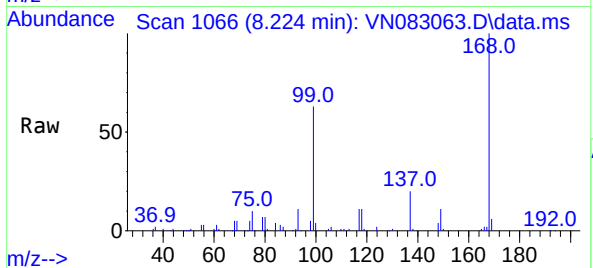
Tgt Ion:113 Resp: 102455
Ion Ratio Lower Upper
113 100
111 104.9 82.4 123.6
192 18.0 14.9 22.3



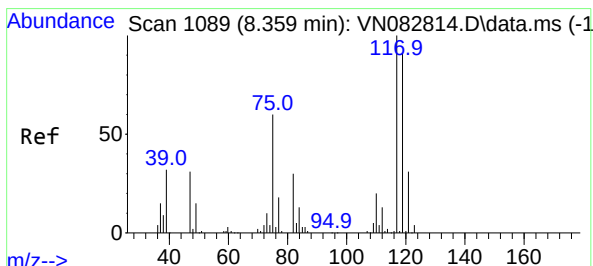
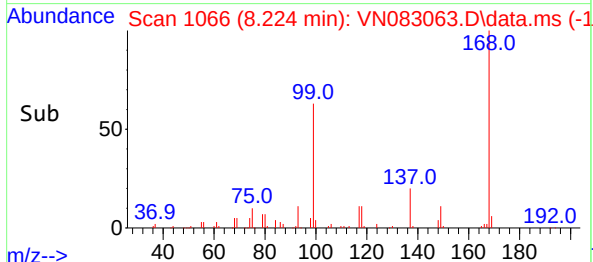
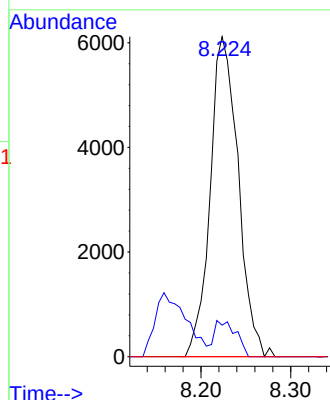


#36
1,1-Dichloropropene
Concen: 5.273 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :

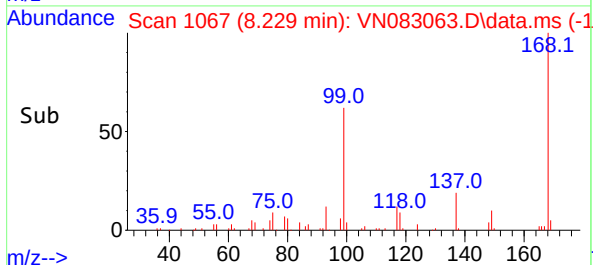
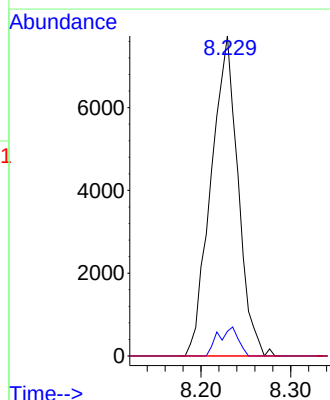
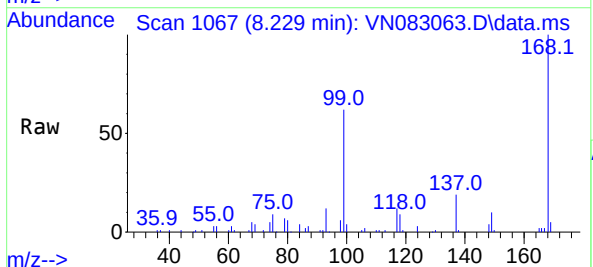


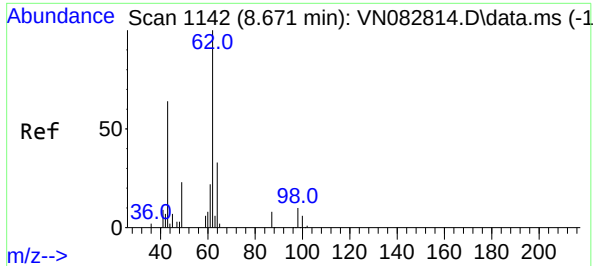
Tgt Ion: 75 Resp: 13276
Ion Ratio Lower Upper
75 100
110 8.9 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.334 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.136 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

Tgt Ion: 117 Resp: 16172
Ion Ratio Lower Upper
117 100
119 7.7 74.9 112.3#
121 0.0 24.3 36.5#

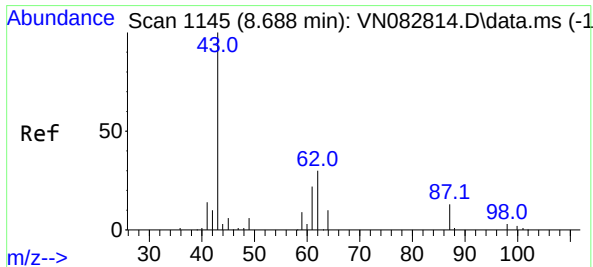
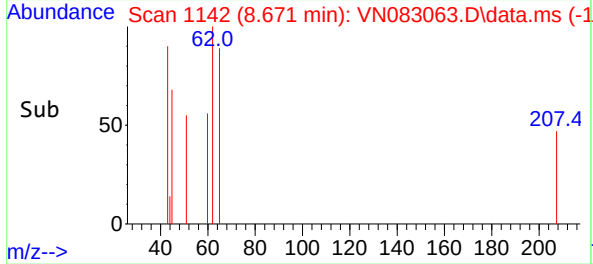
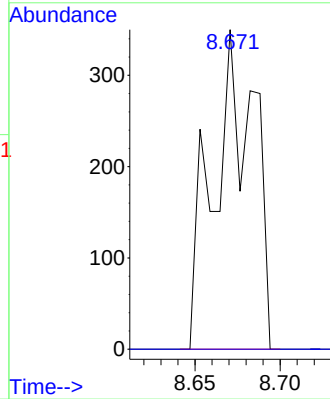
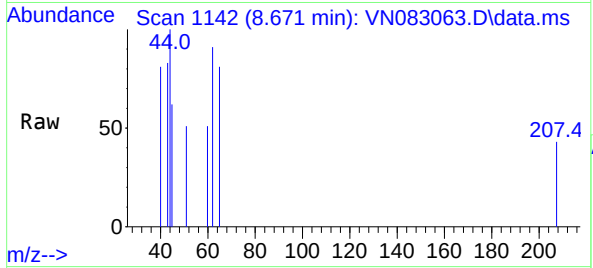




#42
1,2-Dichloroethane
Concen: 0.206 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

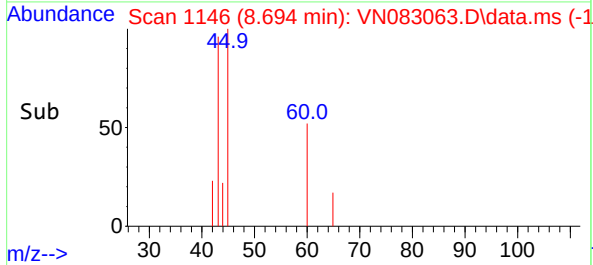
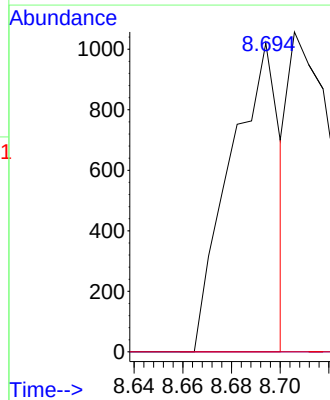
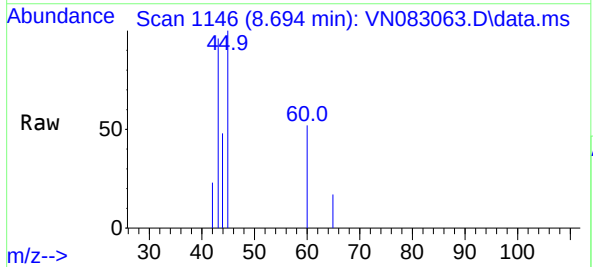
Instrument :
MSVOA_N
ClientSampleId :

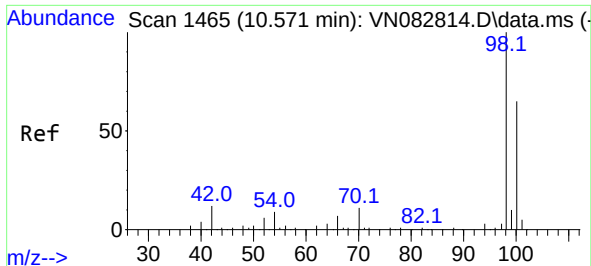
Tgt Ion: 62 Resp: 575
Ion Ratio Lower Upper
62 100
98 0.0 0.0 15.8



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

Tgt Ion: 43 Resp: 1443
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

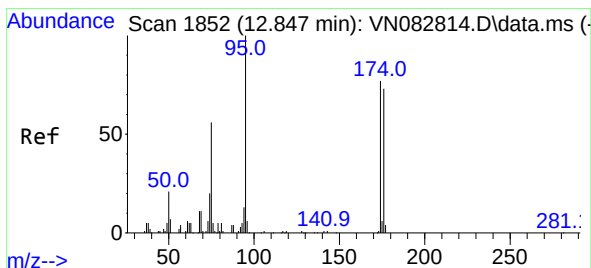
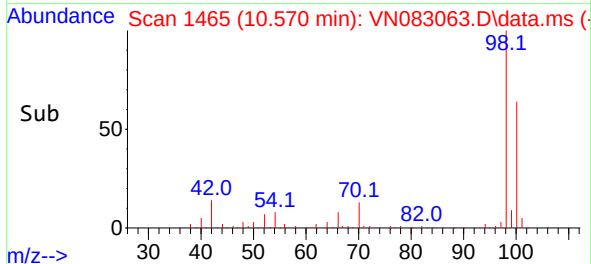
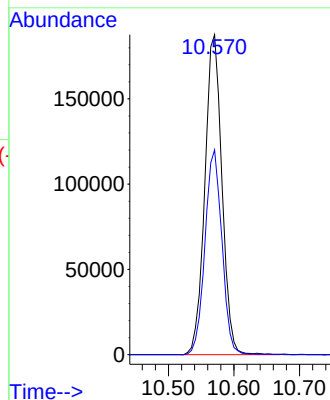
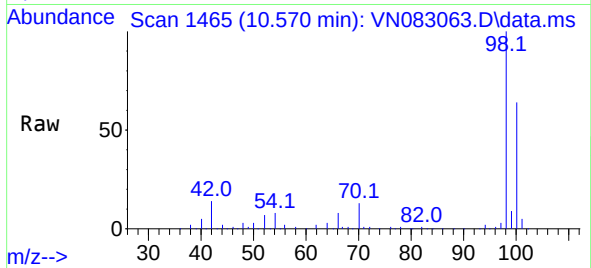




#50
Toluene-d8
Concen: 50.566 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

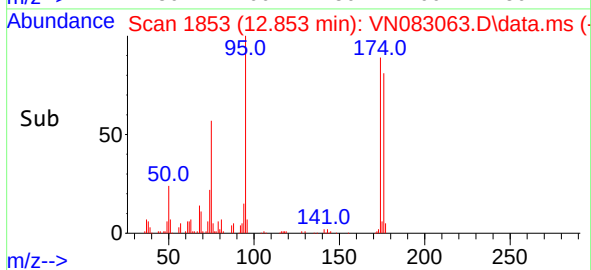
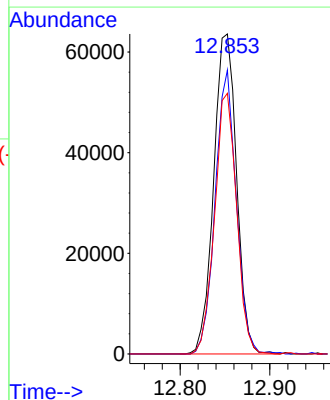
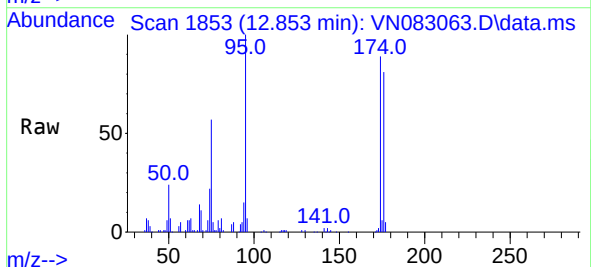
Instrument :
MSVOA_N
ClientSampleId :

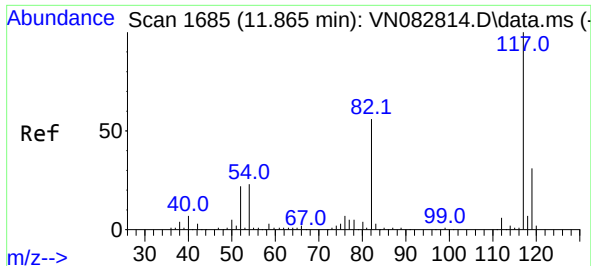
Tgt Ion: 98 Resp: 341073
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.526 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

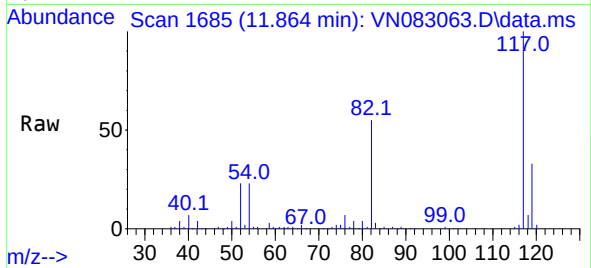
Tgt Ion: 95 Resp: 112729
Ion Ratio Lower Upper
95 100
174 81.9 0.0 159.2
176 78.3 0.0 147.6



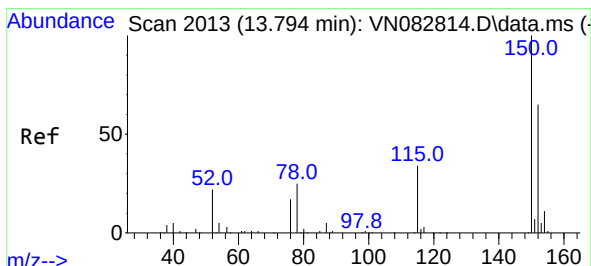
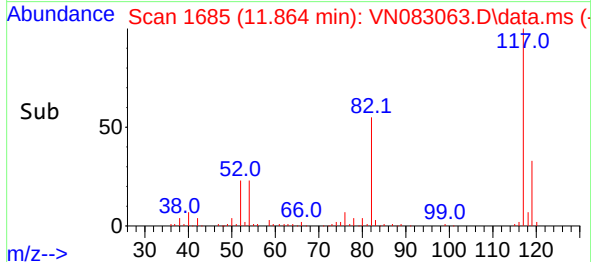
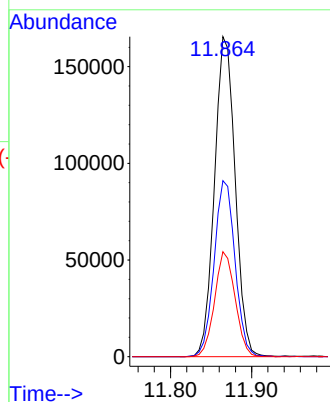


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :

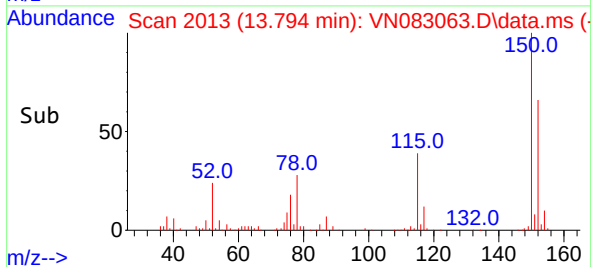
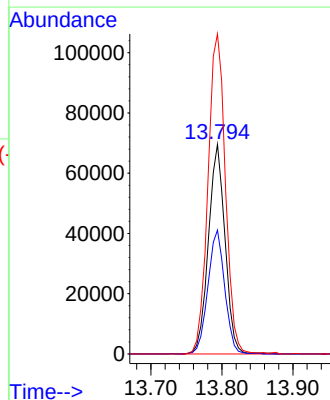
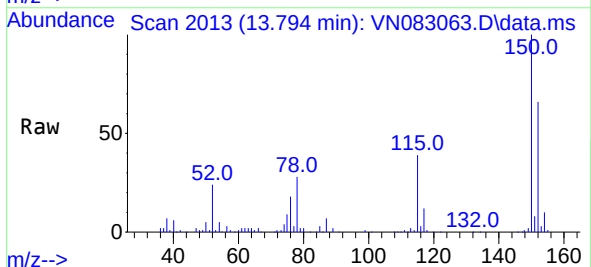


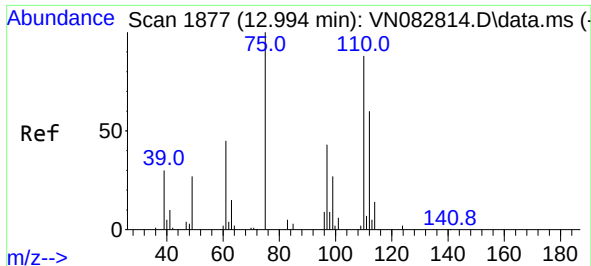
Tgt Ion:117 Resp: 293452
Ion Ratio Lower Upper
117 100
82 55.0 47.5 71.3
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

Tgt Ion:152 Resp: 113197
Ion Ratio Lower Upper
152 100
115 59.8 30.6 91.6
150 159.6 0.0 348.6

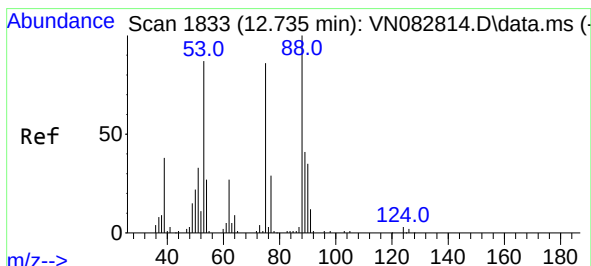
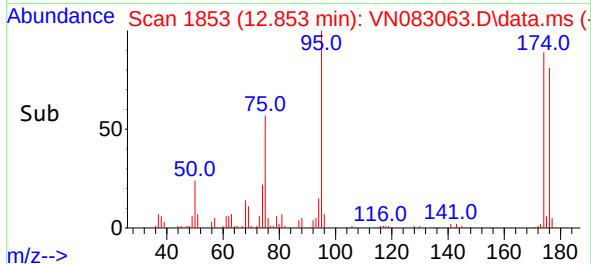
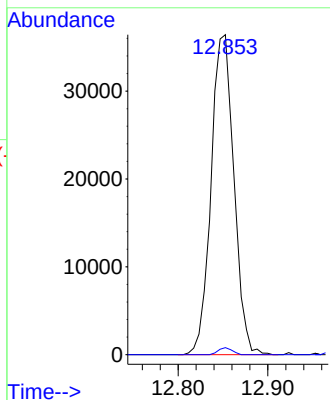
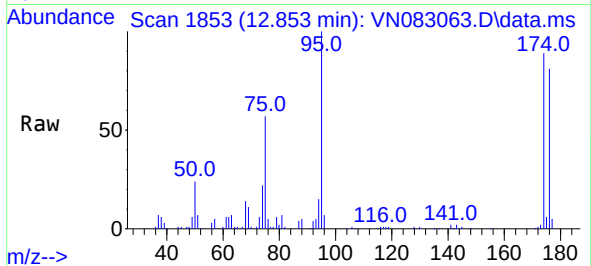




#76
1,2,3-Trichloropropane
Concen: 32.951 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

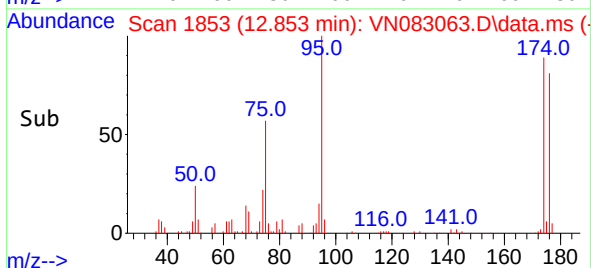
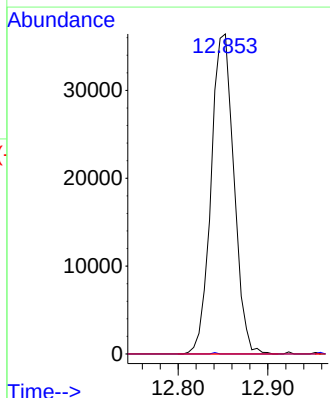
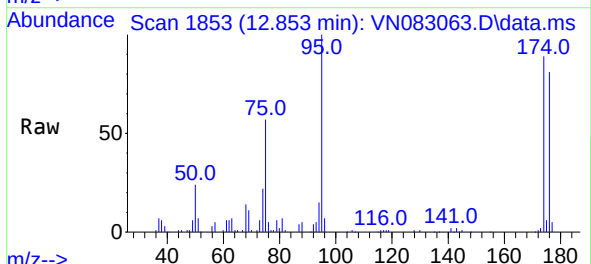
Instrument :
MSVOA_N
ClientSampleId :

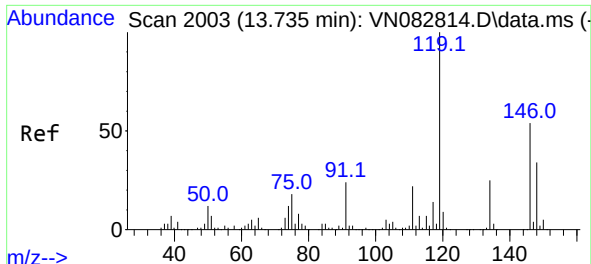
Tgt Ion: 75 Resp: 64306
Ion Ratio Lower Upper
75 100
77 1.3 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.805 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

Tgt Ion: 75 Resp: 64306
Ion Ratio Lower Upper
75 100
53 0.1 88.4 132.6#
89 0.0 36.3 54.5#





#87

1,3-Dichlorobenzene

Concen: 0.237 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

Lab File: VN083063.D

Acq: 30 Jul 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

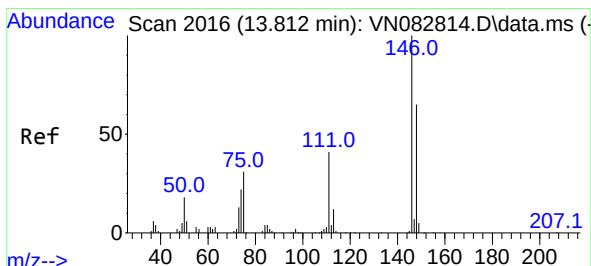
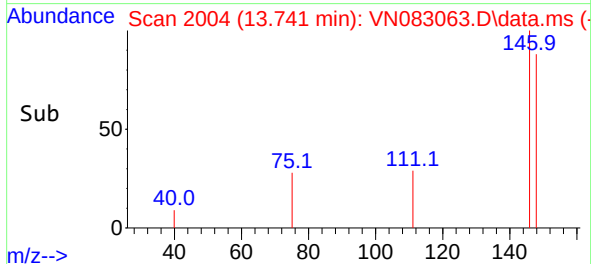
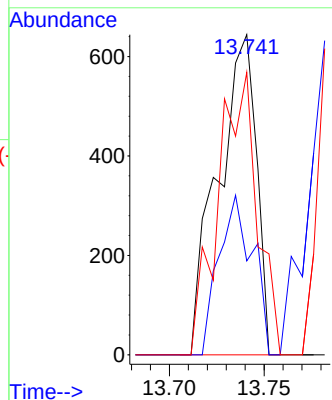
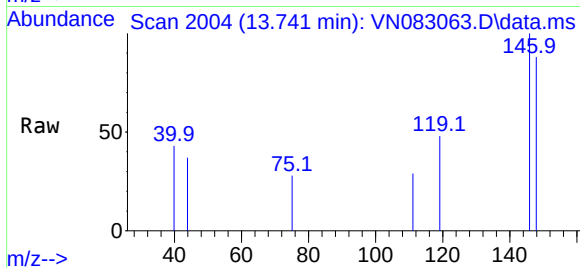
Tgt Ion:146 Resp: 908

Ion Ratio Lower Upper

146 100

111 43.9 20.6 61.9

148 89.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.229 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.070 min

Lab File: VN083063.D

Acq: 30 Jul 2024 12:49

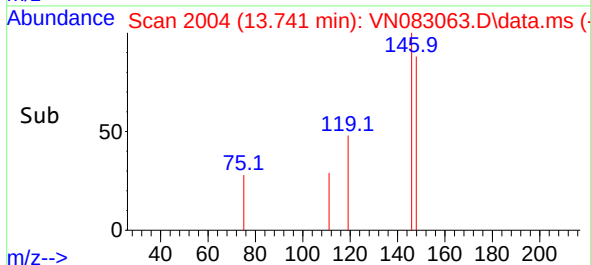
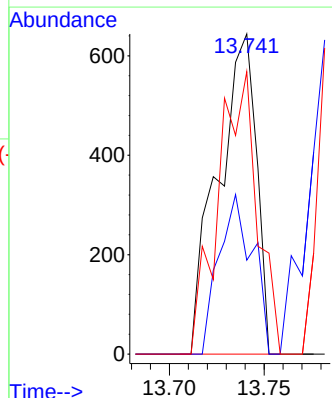
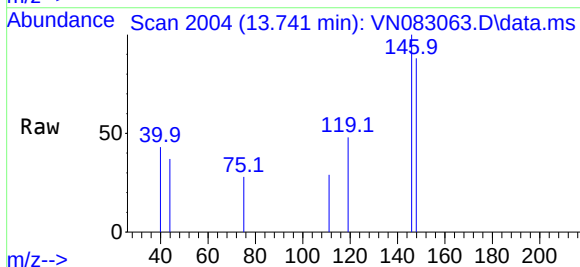
Tgt Ion:146 Resp: 908

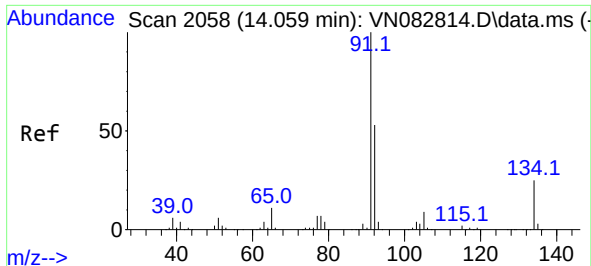
Ion Ratio Lower Upper

146 100

111 43.9 20.1 60.3

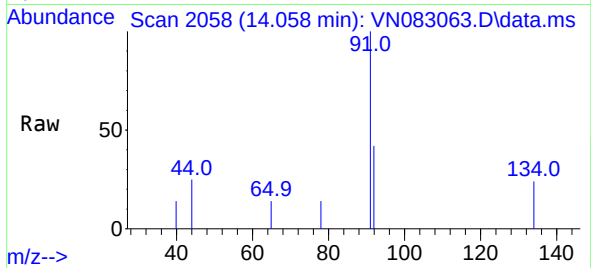
148 89.8 32.2 96.6





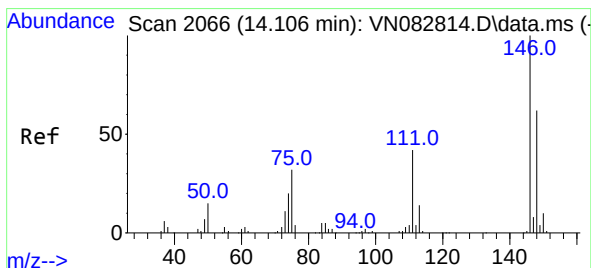
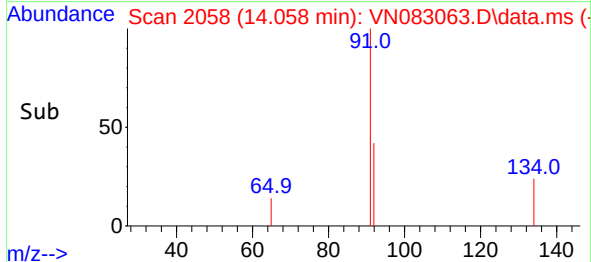
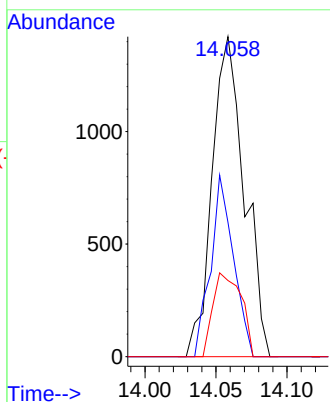
#89
n-Butylbenzene
Concen: 0.395 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 91 Resp: 2248

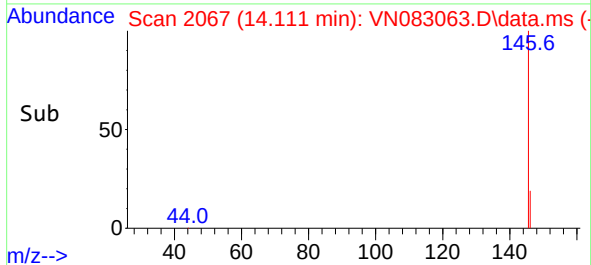
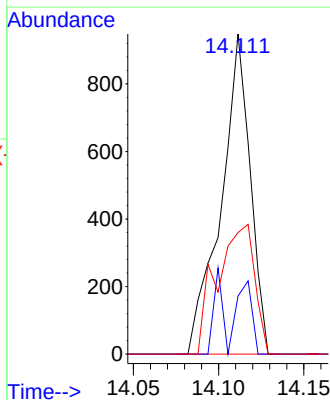
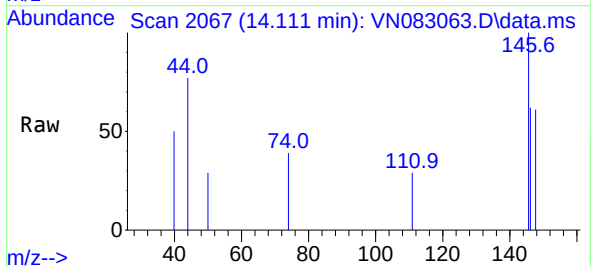
Ion	Ratio	Lower	Upper
91	100		
92	40.1	26.1	78.3
134	22.9	12.1	36.3

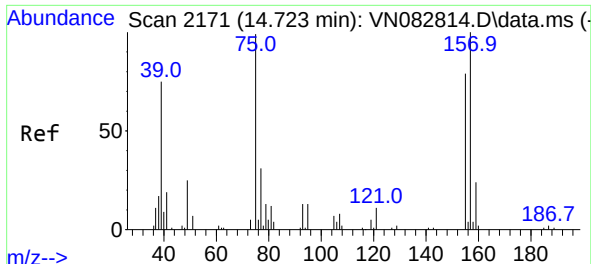


#91
1,2-Dichlorobenzene
Concen: 0.304 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.005 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

Tgt Ion: 146 Resp: 1131

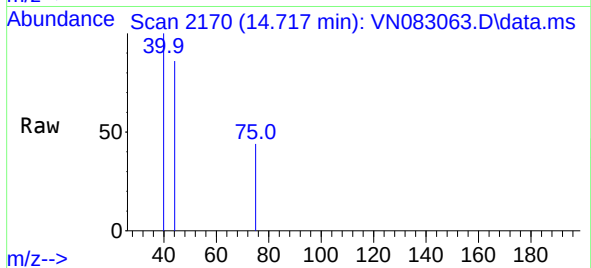
Ion	Ratio	Lower	Upper
146	100		
111	12.1	21.4	64.2#
148	52.1	32.1	96.5



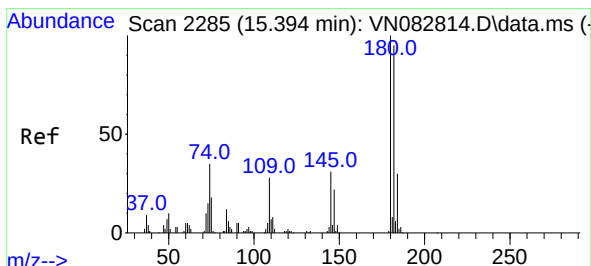
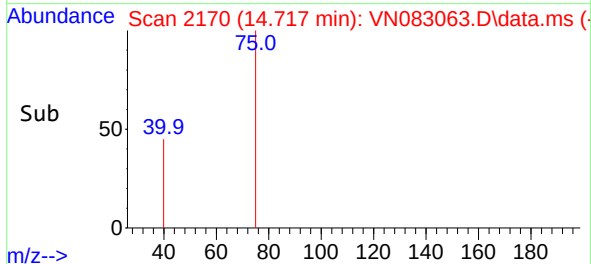
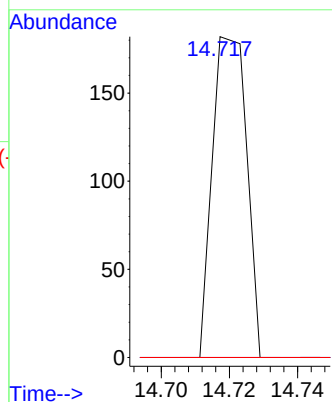


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.223 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :

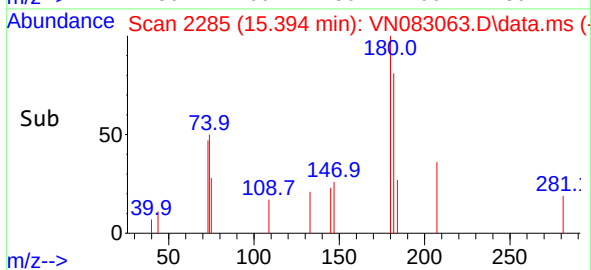
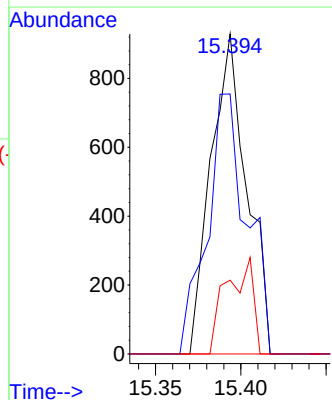
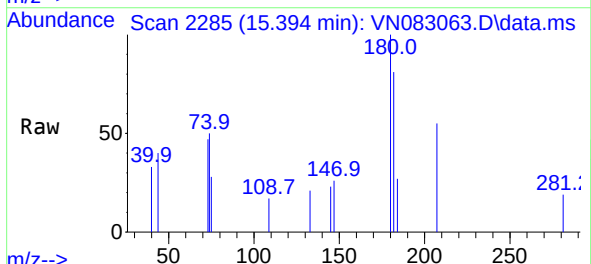


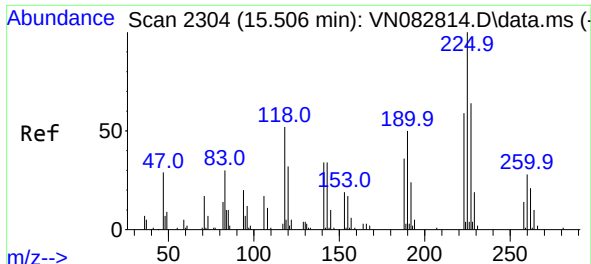
Tgt Ion: 75 Resp: 127
Ion Ratio Lower Upper
75 100
155 0.0 36.6 109.8#
157 0.0 46.9 140.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.679 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

Tgt Ion: 180 Resp: 1361
Ion Ratio Lower Upper
180 100
182 89.9 47.3 141.8
145 22.6 15.7 47.1

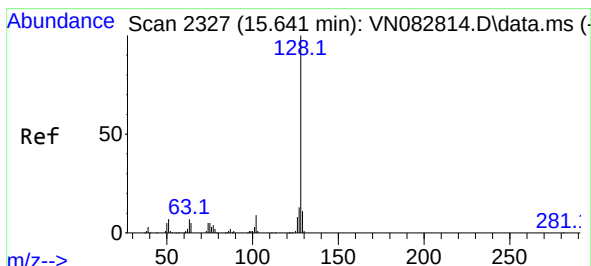
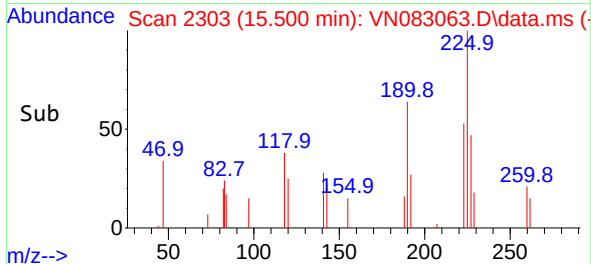
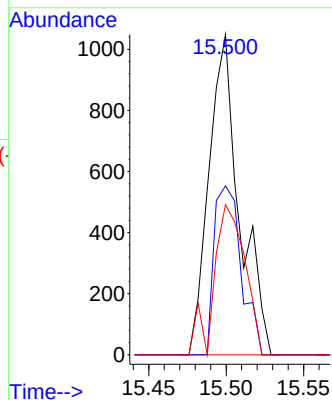
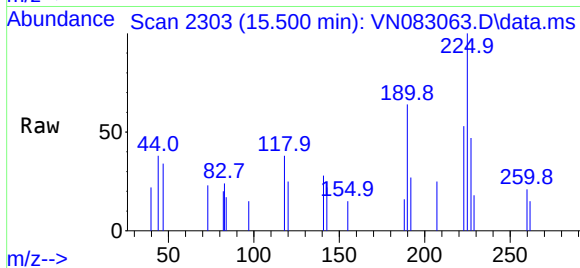




#94
Hexachlorobutadiene
Concen: 1.617 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

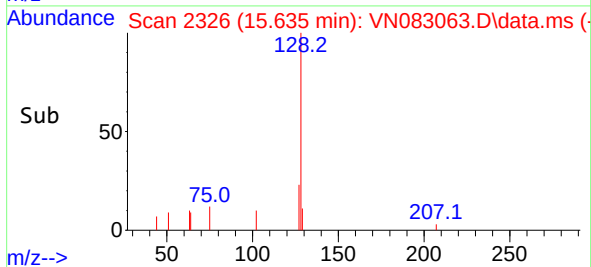
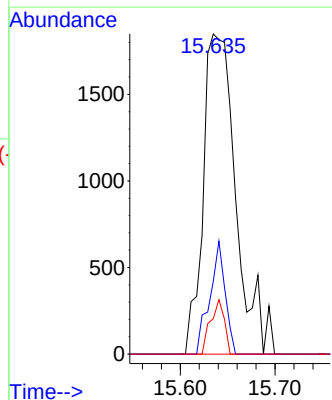
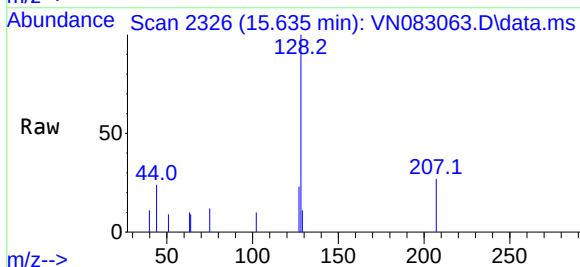
Instrument :
MSVOA_N
ClientSampleId :

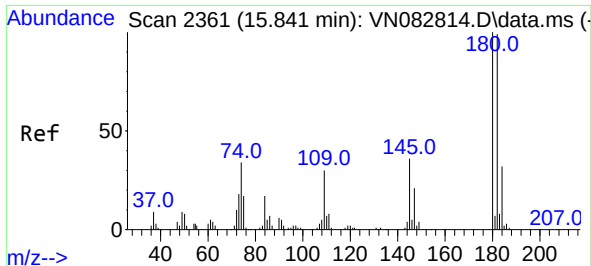
Tgt Ion	Ratio	Lower	Upper
225	100		
223	46.6	31.9	95.7
227	47.6	32.5	97.5



#95
Naphthalene
Concen: 0.646 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN083063.D
Acq: 30 Jul 2024 12:49

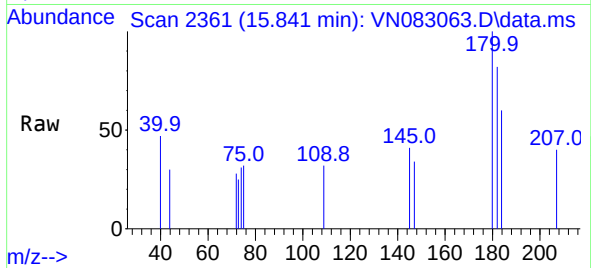
Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.5	10.6	16.0#
129	7.1	8.6	12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.815 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN083063.D
 Acq: 30 Jul 2024 12:49

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 1680
 Ion Ratio Lower Upper
 180 100
 182 102.0 48.9 146.8
 145 33.5 16.8 50.4

