

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071524\
 Data File : VN082922.D
 Acq On : 15 Jul 2024 17:04
 Operator : JC\MD
 Sample : P3250-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 16 01:25:23 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)

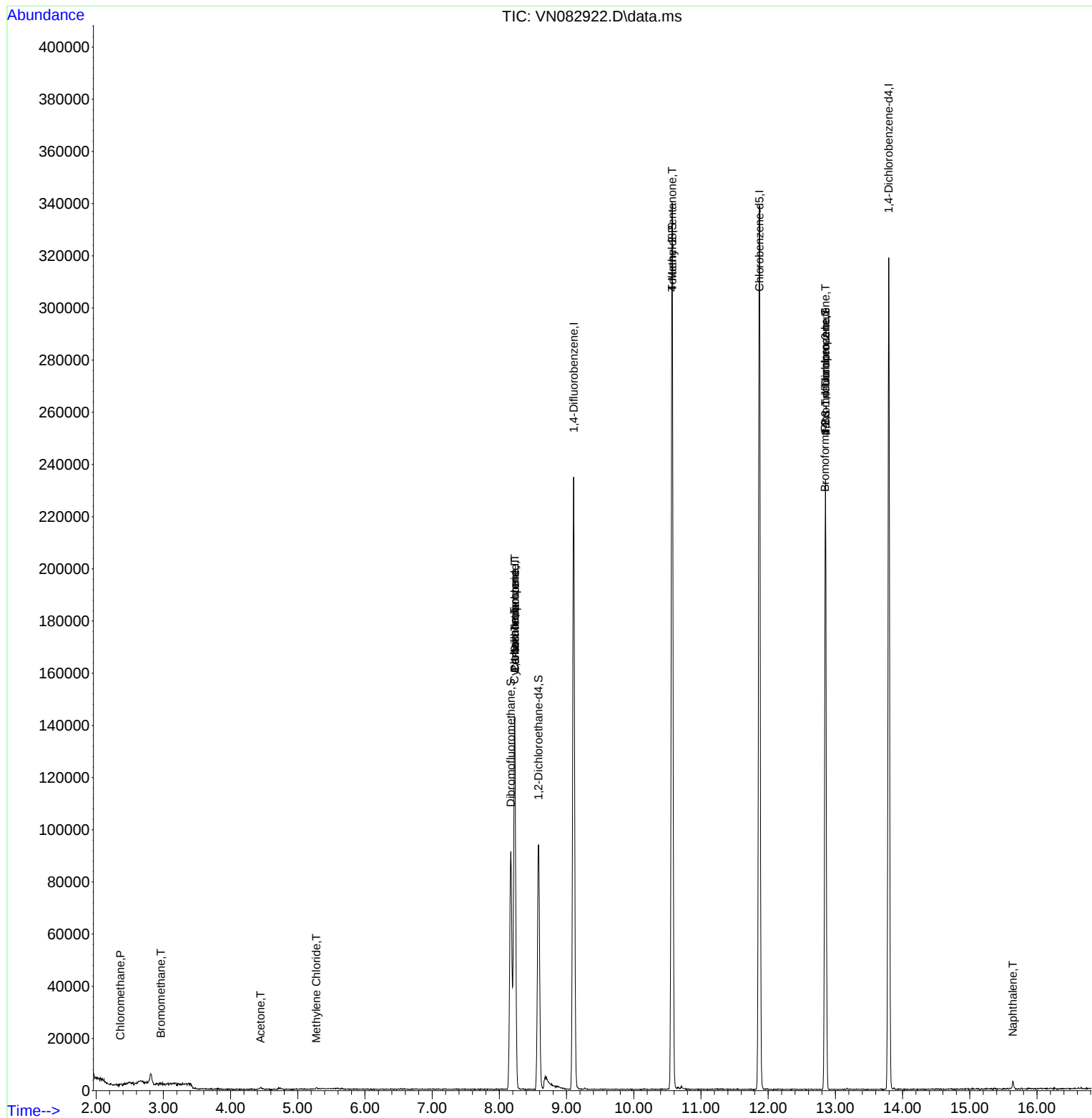
Internal Standards						
1) Pentafluorobenzene	8.230	168	99501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	191892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	188966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	79193	56.777	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.560%
35) Dibromofluoromethane	8.171	113	65512	53.205	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.400%
50) Toluene-d8	10.571	98	223877	49.227	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.460%
62) 4-Bromofluorobenzene	12.853	95	74441	45.568	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.140%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	582	0.476	ug/l #	43
5) Bromomethane	2.965	94	256	0.277	ug/l	93
16) Acetone	4.448	43	1170	2.383	ug/l #	48
20) Methylene Chloride	5.277	84	246	0.207	ug/l #	52
31) Cyclohexane	8.224	56	2828	1.551	ug/l #	36
36) 1,1-Dichloropropene	8.230	75	8823	5.197	ug/l #	50
38) Carbon Tetrachloride	8.230	117	10864	5.315	ug/l #	16
43) Isopropyl Acetate	8.683	43	6409	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1173	0.685	ug/l #	1
71) Bromoform	12.847	173	285	0.252	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	41743	29.765	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	41743	58.539	ug/l #	6
95) Naphthalene	15.641	128	3543	0.718	ug/l #	83

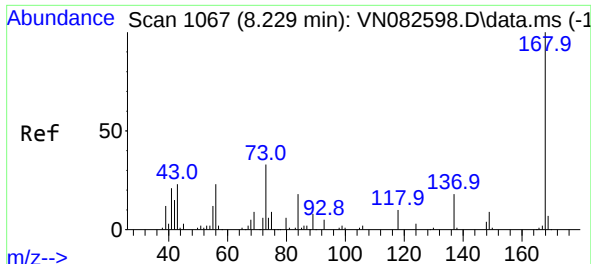
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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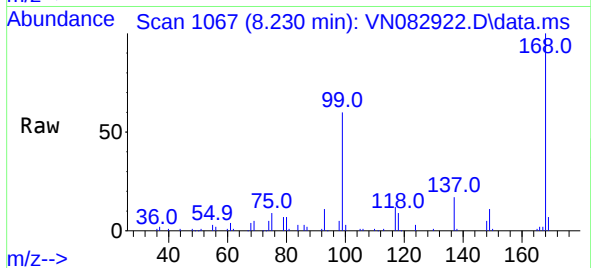
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
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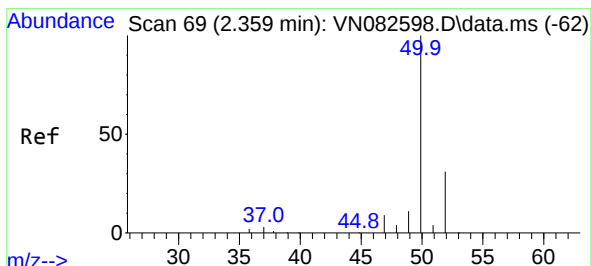
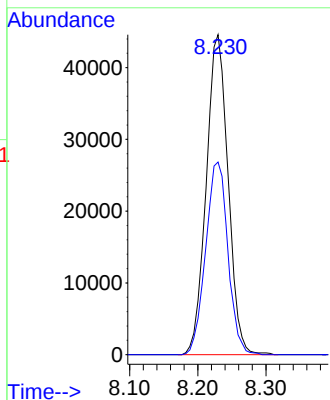
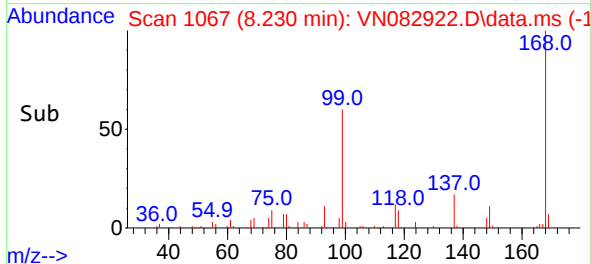


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

Instrument :
MSVOA_N
ClientSampleId :

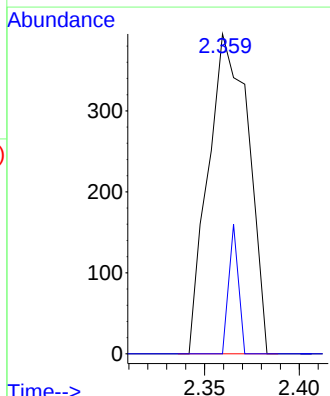
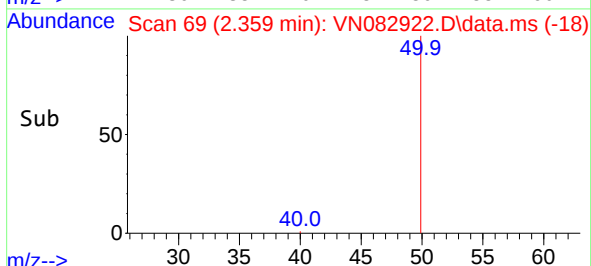
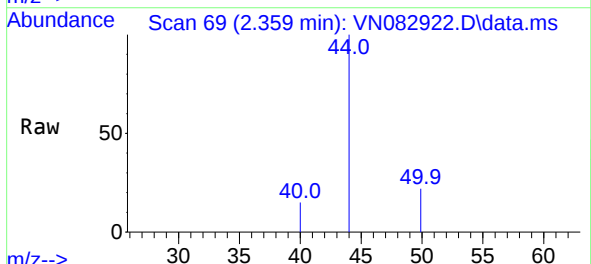


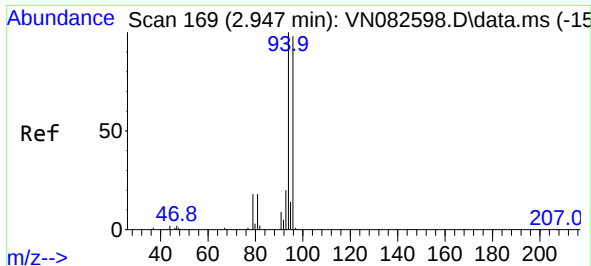
Tgt Ion:168 Resp: 99501
Ion Ratio Lower Upper
168 100
99 60.2 48.2 72.4



#3
Chloromethane
Concen: 0.476 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

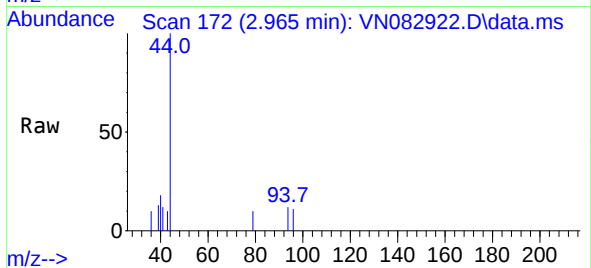
Tgt Ion: 50 Resp: 582
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



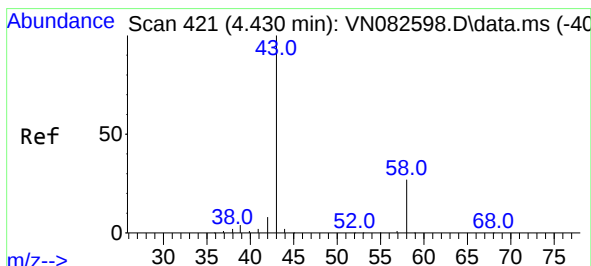
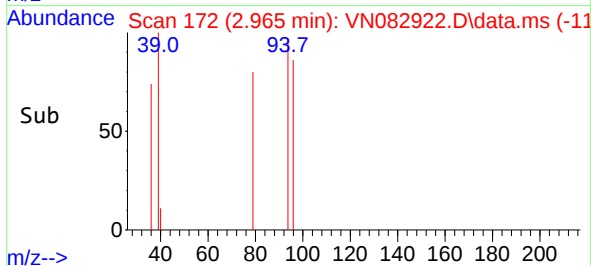
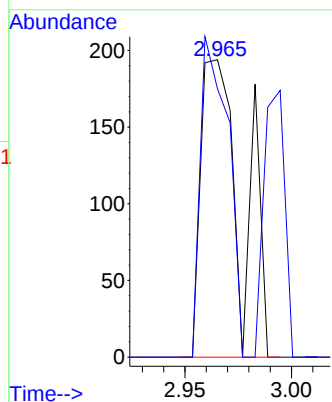


#5
Bromomethane
Concen: 0.277 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

Instrument :
MSVOA_N
ClientSampleId :

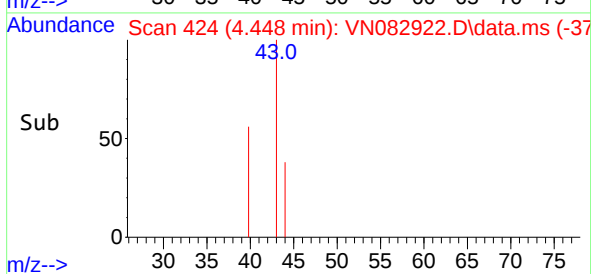
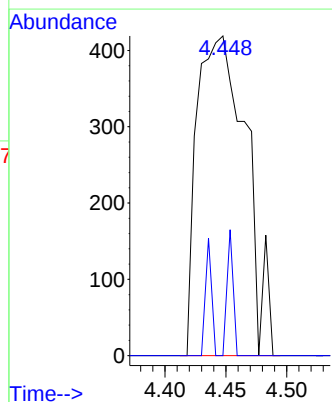
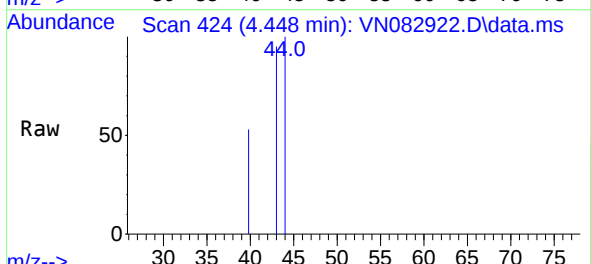


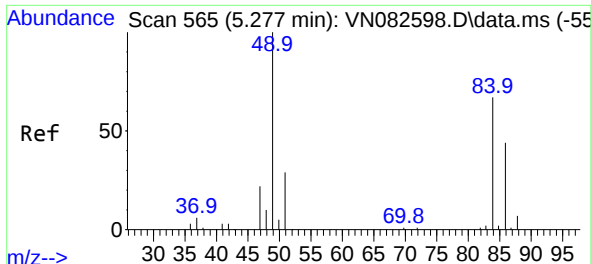
Tgt Ion: 94 Resp: 256
Ion Ratio Lower Upper
94 100
96 90.2 78.0 117.0



#16
Acetone
Concen: 2.383 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

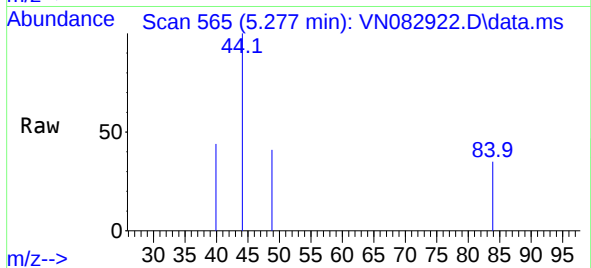
Tgt Ion: 43 Resp: 1170
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#





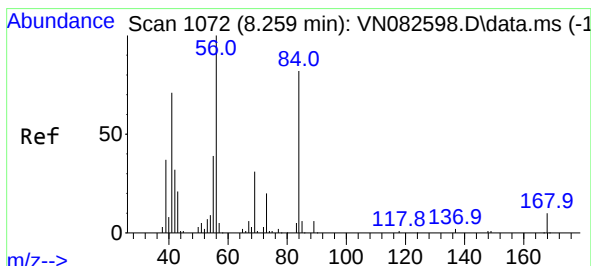
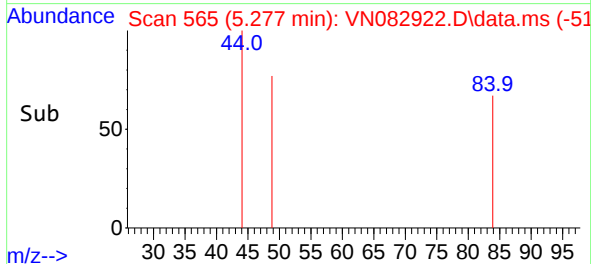
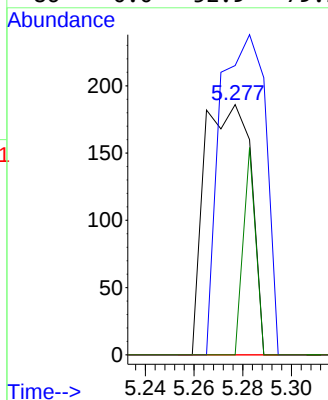
#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 246

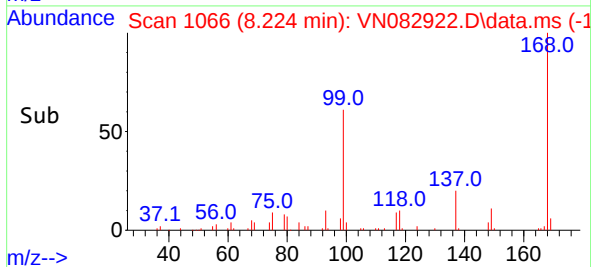
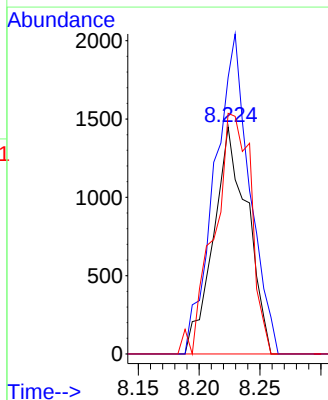
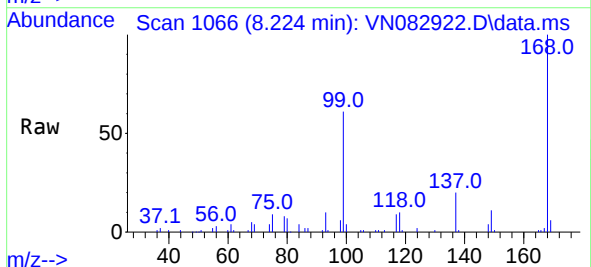
Ion	Ratio	Lower	Upper
84	100		
49	115.6	119.6	179.4#
51	0.0	34.8	52.2#
86	0.0	52.9	79.3#

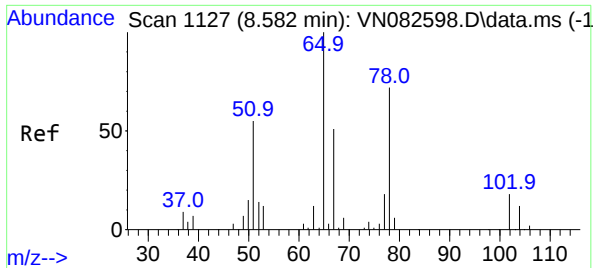


#31
Cyclohexane
Concen: 1.551 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

Tgt Ion: 56 Resp: 2828

Ion	Ratio	Lower	Upper
56	100		
69	121.7	24.5	36.7#
84	105.9	66.0	99.0#

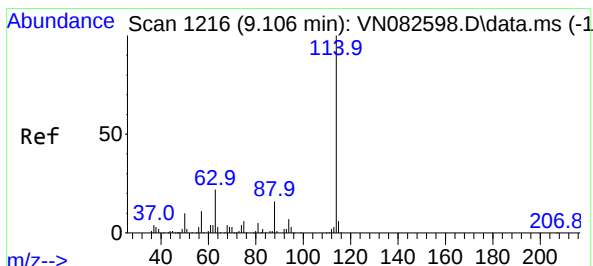
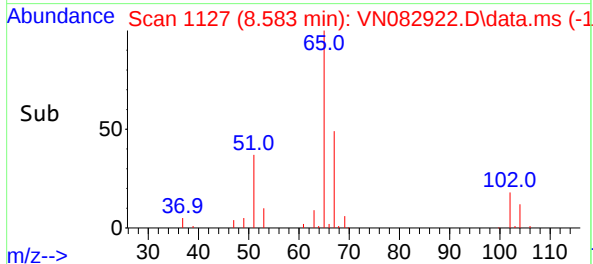
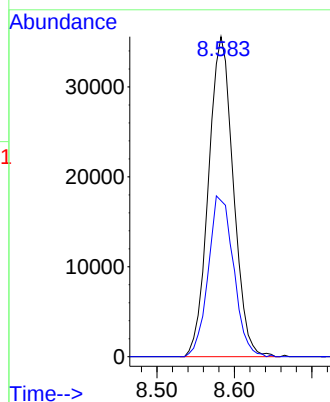
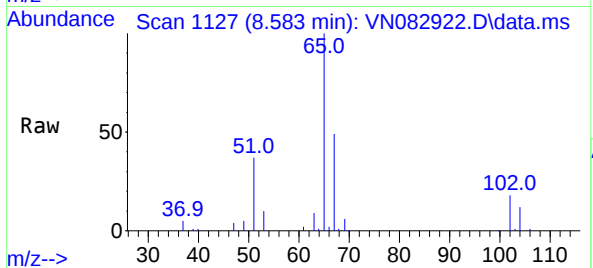




#33
1,2-Dichloroethane-d4
Concen: 56.777 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

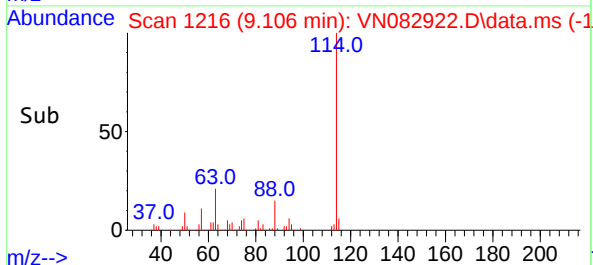
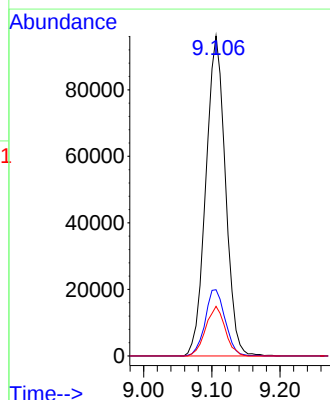
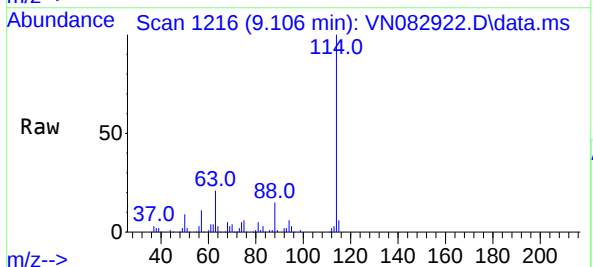
Instrument :
MSVOA_N
ClientSampleId :

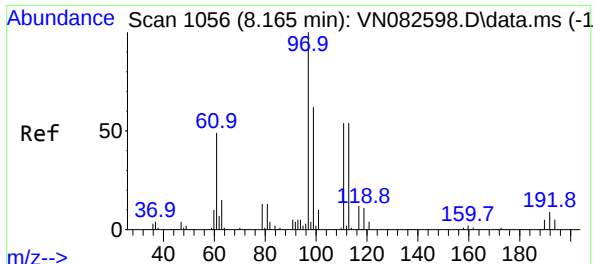
Tgt Ion: 65 Resp: 79193
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

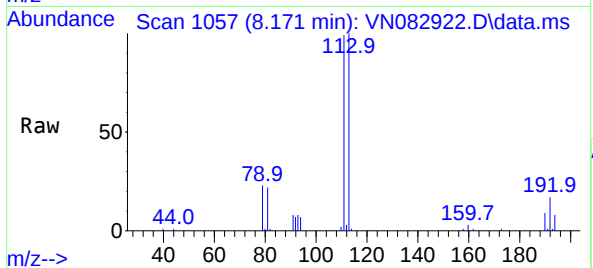
Tgt Ion: 114 Resp: 191892
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.6
88 15.5 0.0 31.4



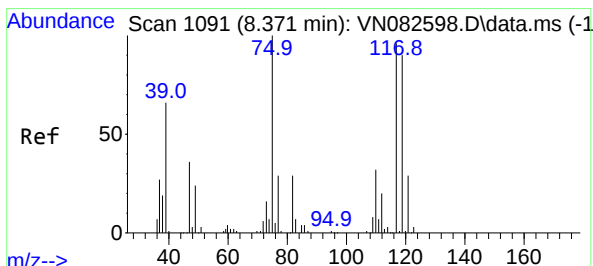
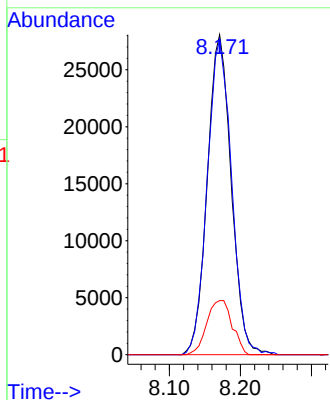
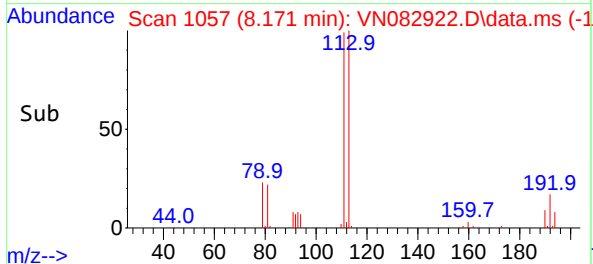


#35
Dibromofluoromethane
Concen: 53.205 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

Instrument :
MSVOA_N
ClientSampleId :

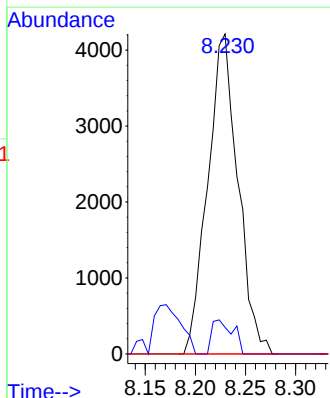
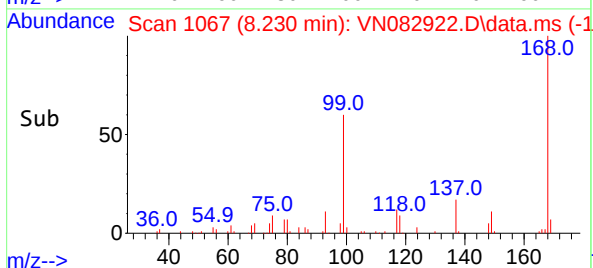
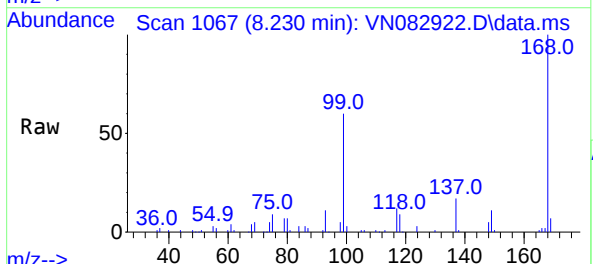


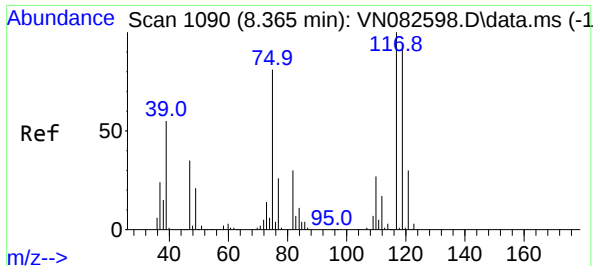
Tgt Ion:113 Resp: 65512
Ion Ratio Lower Upper
113 100
111 100.2 82.4 123.6
192 18.0 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.197 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

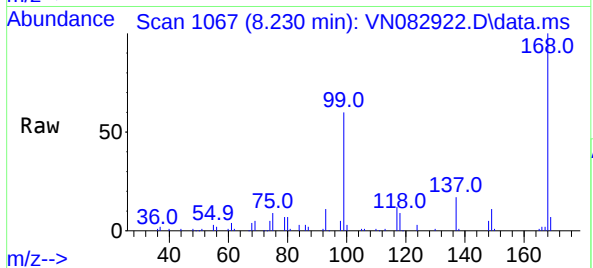
Tgt Ion: 75 Resp: 8823
Ion Ratio Lower Upper
75 100
110 7.4 16.3 48.9#
77 0.0 24.6 37.0#



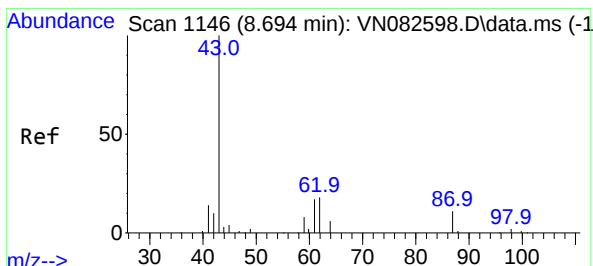
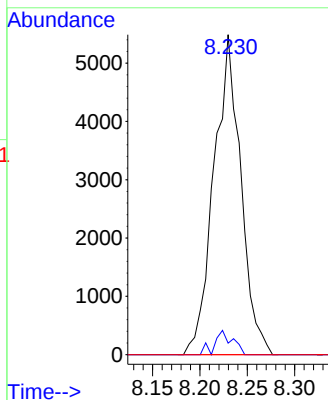
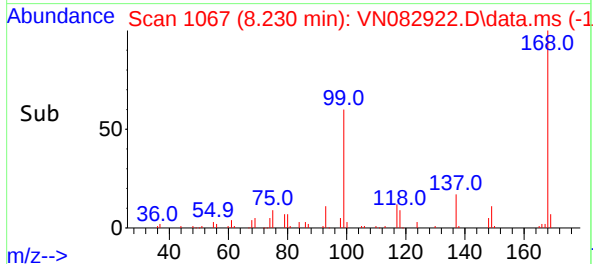


#38
Carbon Tetrachloride
Concen: 5.315 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

Instrument :
MSVOA_N
ClientSampleId :

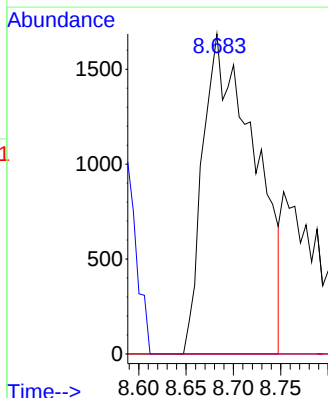
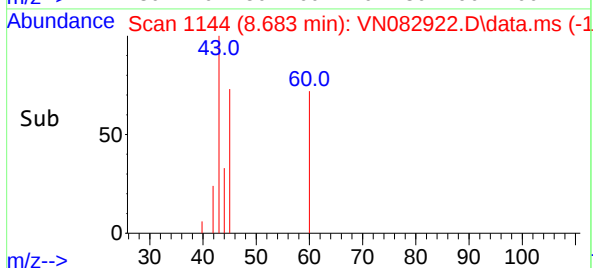
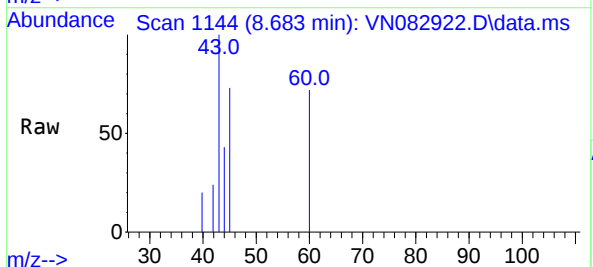


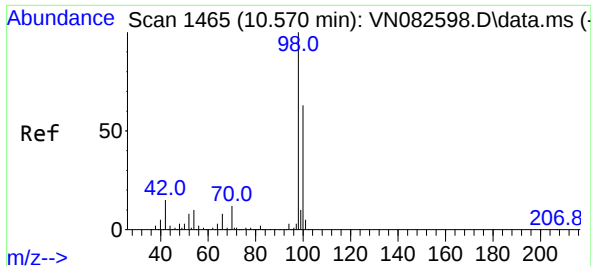
Tgt Ion:117 Resp: 10864
Ion Ratio Lower Upper
117 100
119 3.6 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.683 min Scan# 1144
Delta R.T. -0.011 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

Tgt Ion: 43 Resp: 6409
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

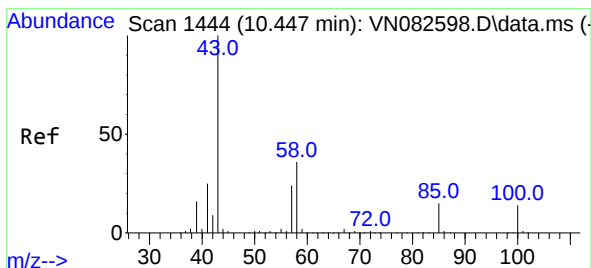
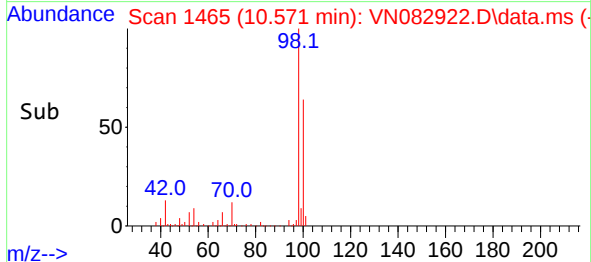
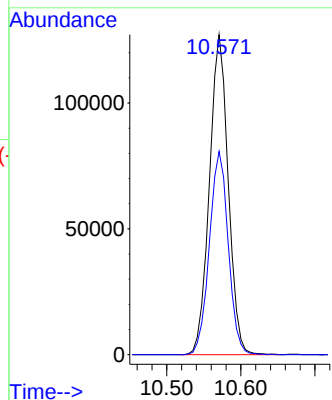
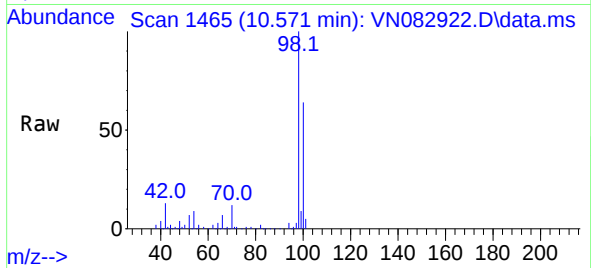




#50
Toluene-d8
Concen: 49.227 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

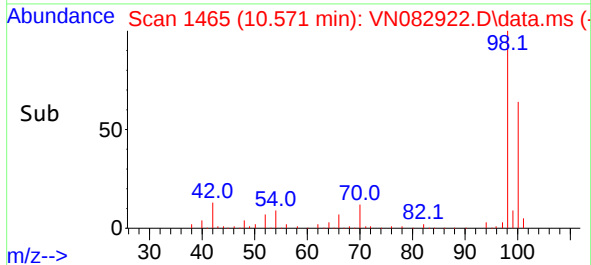
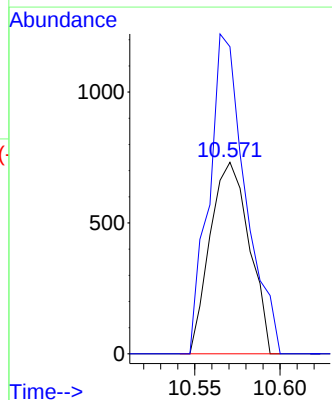
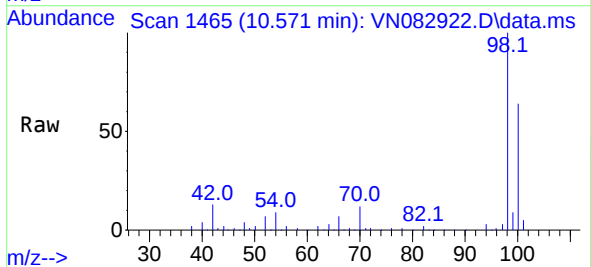
Instrument :
MSVOA_N
ClientSampleId :

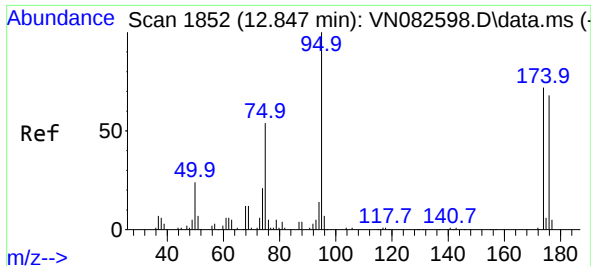
Tgt Ion: 98 Resp: 223877
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.685 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

Tgt Ion: 43 Resp: 1173
Ion Ratio Lower Upper
43 100
58 154.6 28.2 42.4#

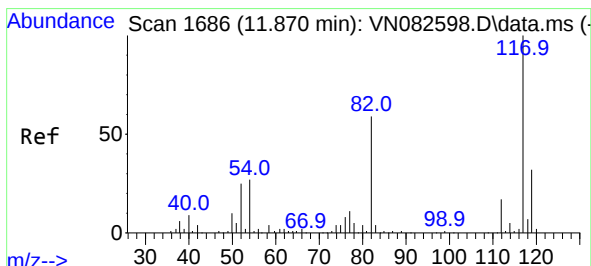
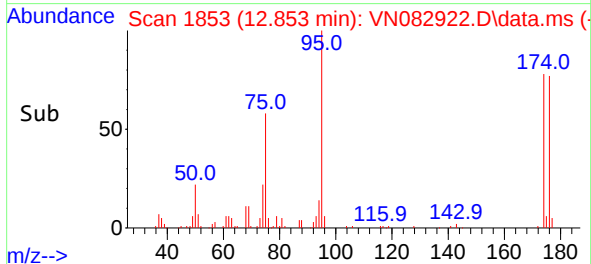
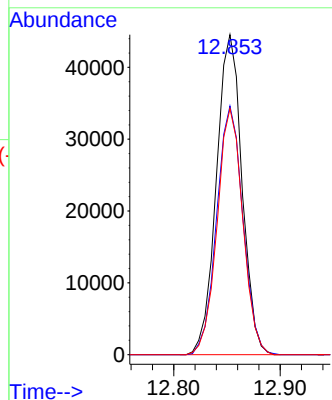
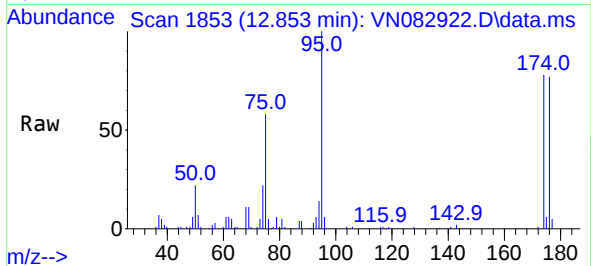




#62
4-Bromofluorobenzene
Concen: 45.568 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

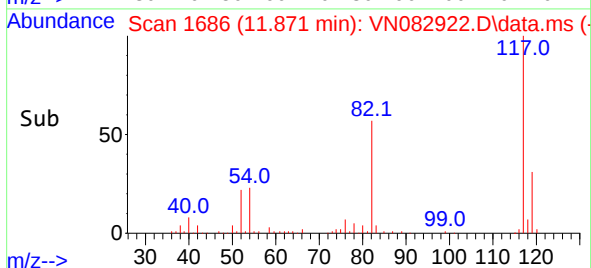
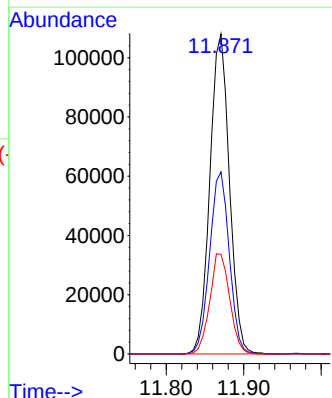
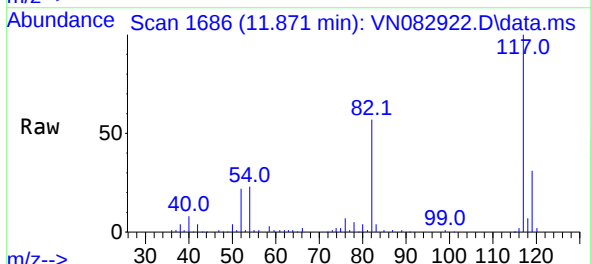
Instrument :
MSVOA_N
ClientSampleId :

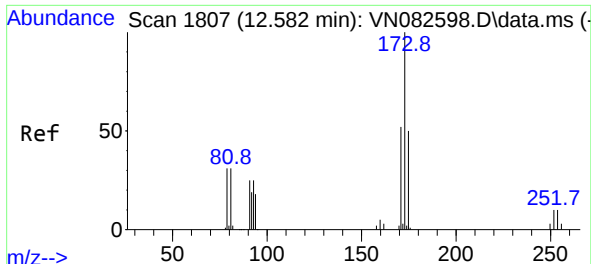
Tgt Ion: 95 Resp: 74441
Ion Ratio Lower Upper
95 100
174 79.3 0.0 159.2
176 76.9 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

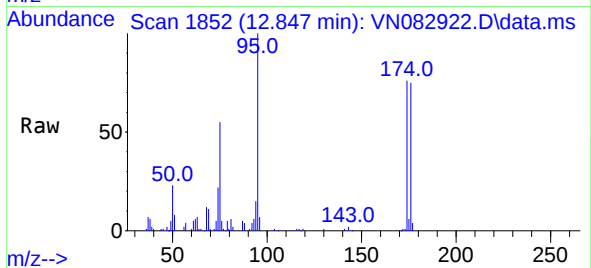
Tgt Ion: 117 Resp: 188966
Ion Ratio Lower Upper
117 100
82 56.9 47.5 71.3
119 31.1 25.6 38.4



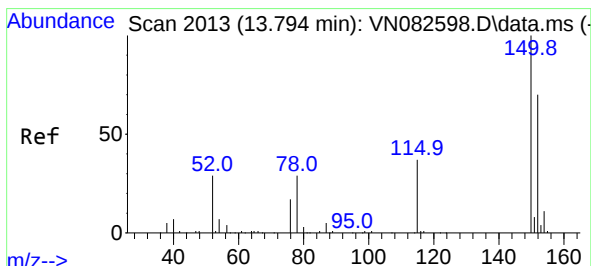
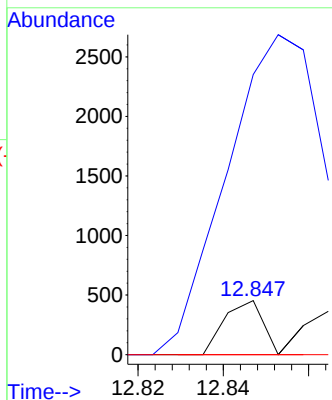
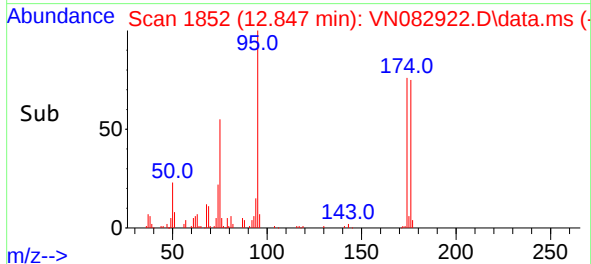


#71
Bromoform
Concen: 0.252 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

Instrument :
MSVOA_N
ClientSampleId :

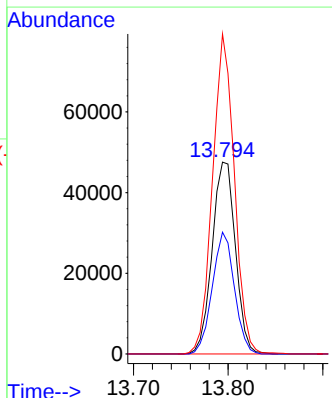
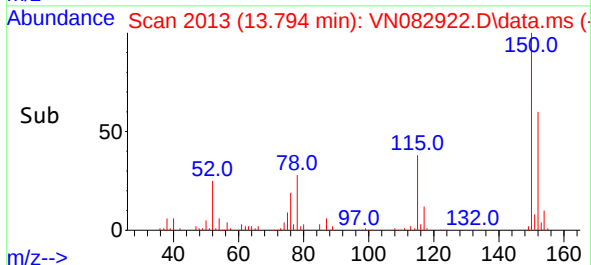
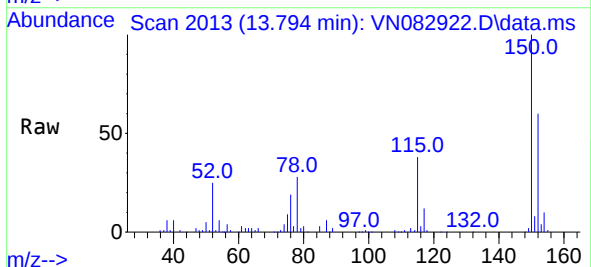


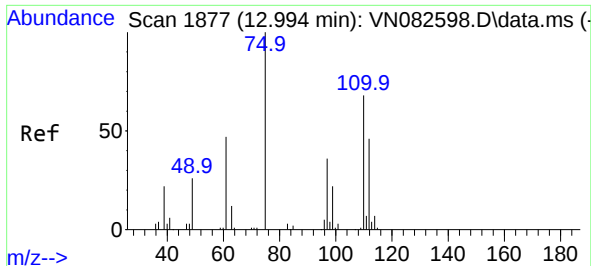
Tgt Ion:173 Resp: 285
Ion Ratio Lower Upper
173 100
175 1264.2 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

Tgt Ion:152 Resp: 81344
Ion Ratio Lower Upper
152 100
115 60.2 30.6 91.6
150 155.9 0.0 348.6

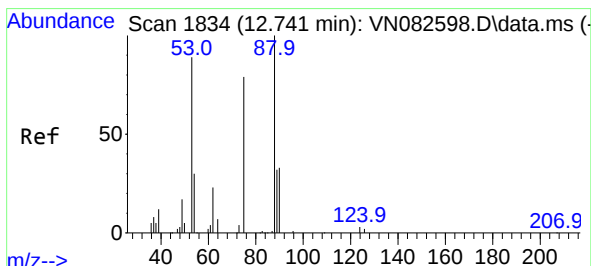
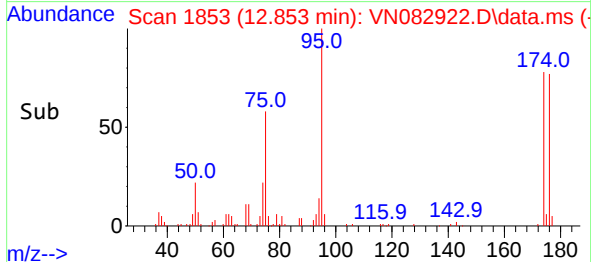
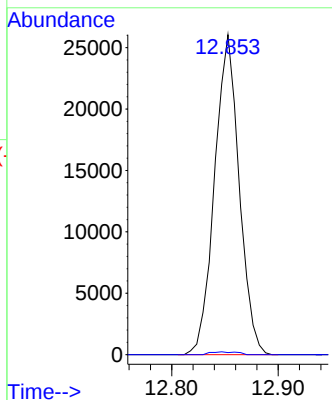
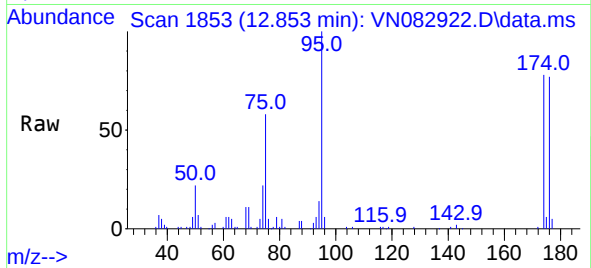




#76
1,2,3-Trichloropropane
Concen: 29.765 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

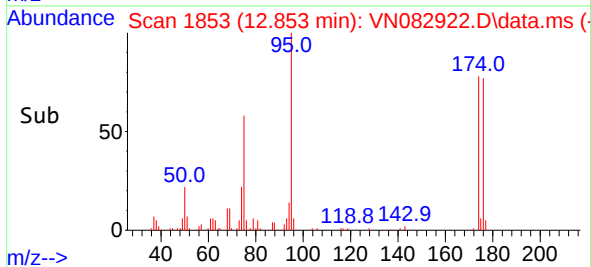
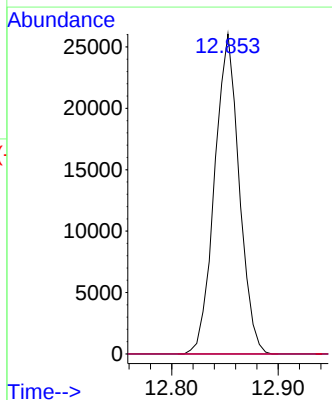
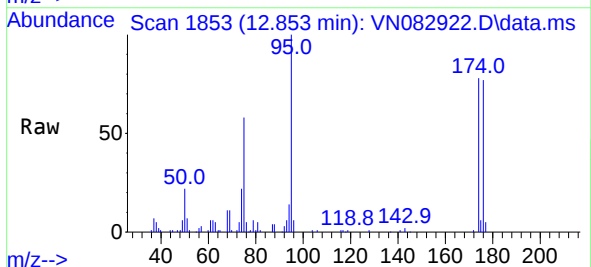
Instrument :
MSVOA_N
ClientSampleId :

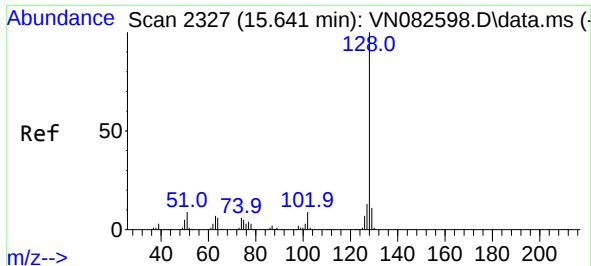
Tgt Ion: 75 Resp: 41743
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.539 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

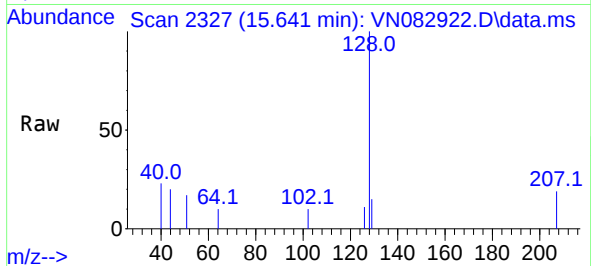
Tgt Ion: 75 Resp: 41743
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#





#95
Naphthalene
Concen: 0.718 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 3543
Ion Ratio Lower Upper
128 100
127 3.7 10.6 16.0#
129 7.6 8.6 12.8#

