

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071524\
 Data File : VN082921.D
 Acq On : 15 Jul 2024 16:39
 Operator : JC\MD
 Sample : P3250-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 16 01:25:14 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)

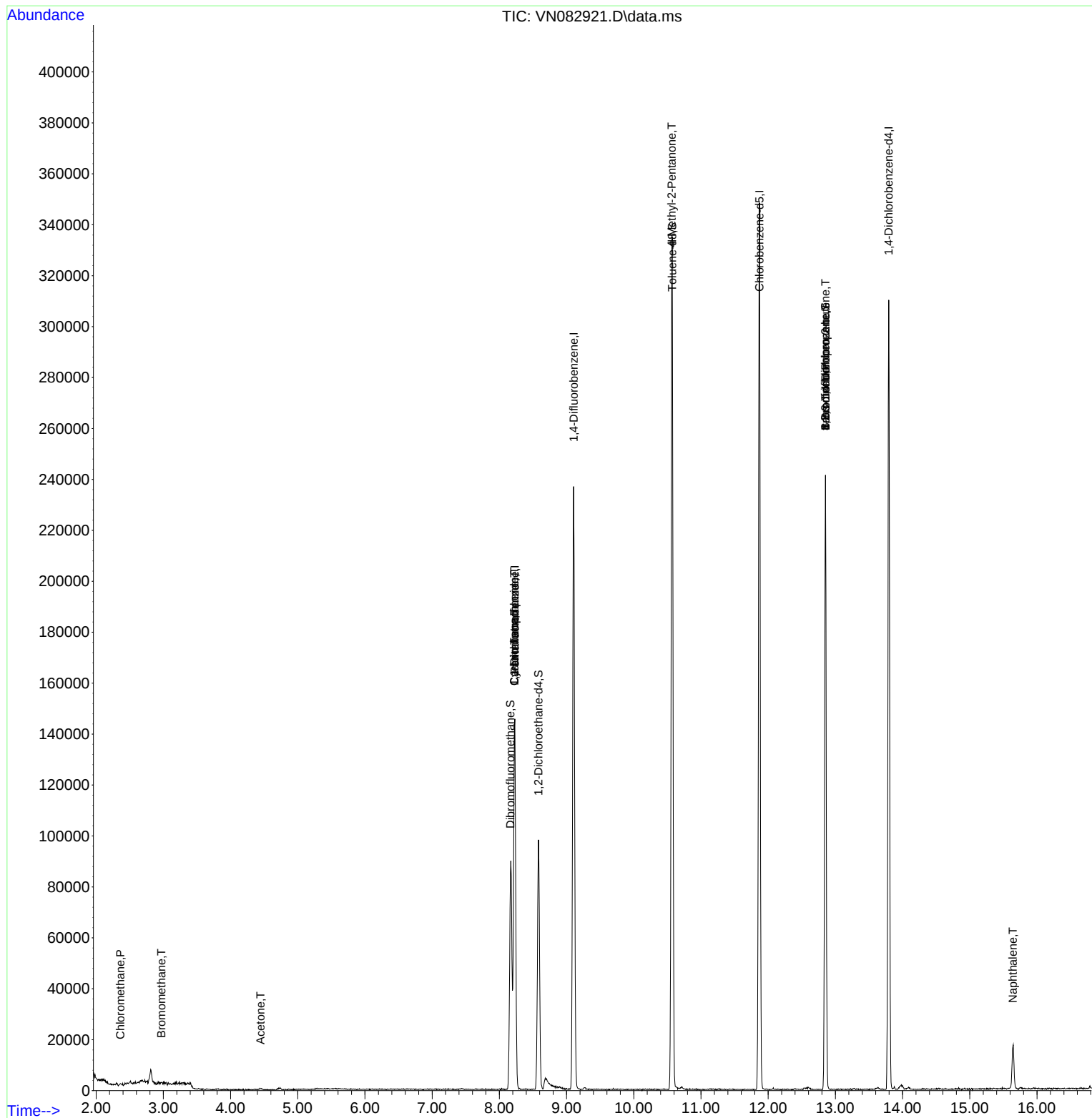
Internal Standards						
1) Pentafluorobenzene	8.230	168	101438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	195942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	192743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	79283	55.756	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.520%
35) Dibromofluoromethane	8.165	113	64943	51.652	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.300%
50) Toluene-d8	10.571	98	227310	48.949	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.900%
62) 4-Bromofluorobenzene	12.853	95	77326	46.355	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.720%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	484	0.389	ug/l #	69
5) Bromomethane	2.971	94	214	0.227	ug/l #	77
16) Acetone	4.447	43	916	1.830	ug/l #	48
31) Cyclohexane	8.224	56	2479	1.333	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	9268	5.346	ug/l #	49
38) Carbon Tetrachloride	8.224	117	10880	5.213	ug/l #	17
43) Isopropyl Acetate	8.682	43	2682	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	990	0.566	ug/l #	1
71) Bromoform	12.853	173	647	0.560	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	42769	30.356	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	42769	59.701	ug/l #	6
95) Naphthalene	15.641	128	18826	3.798	ug/l	98

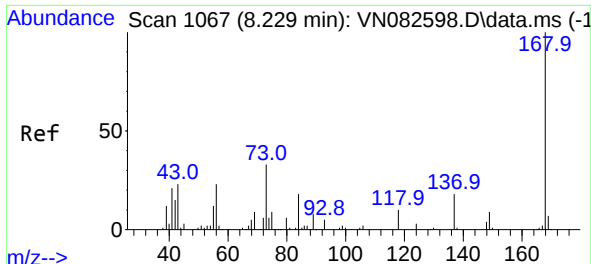
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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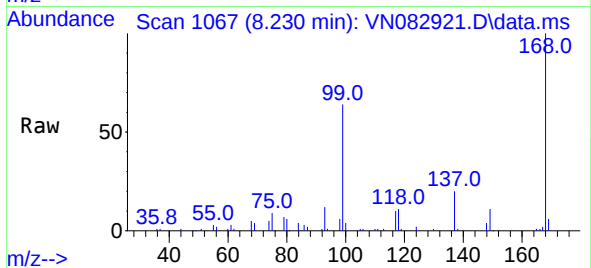
Quant Time: Jul 16 01:25:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



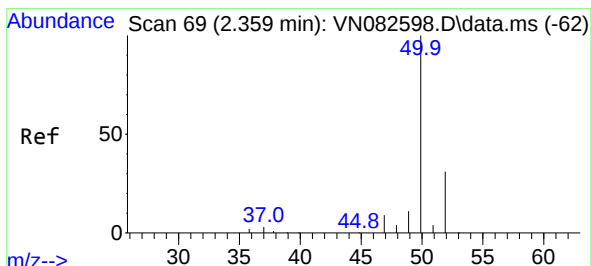
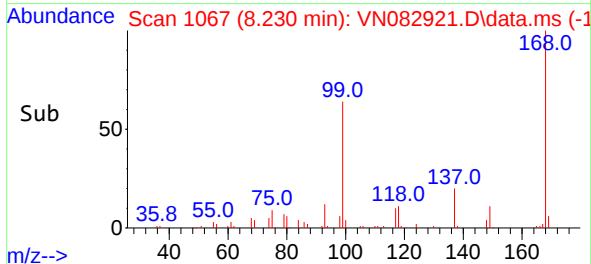
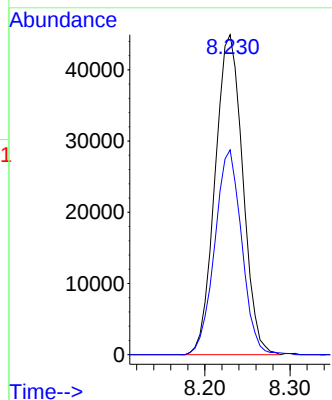


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

Instrument :
MSVOA_N
ClientSampleId :

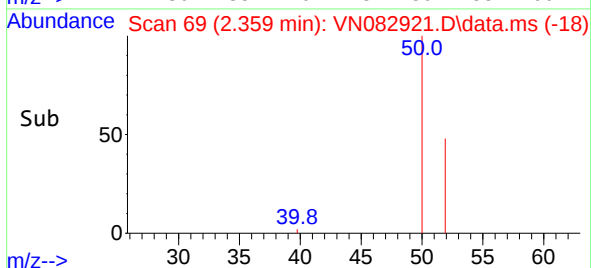
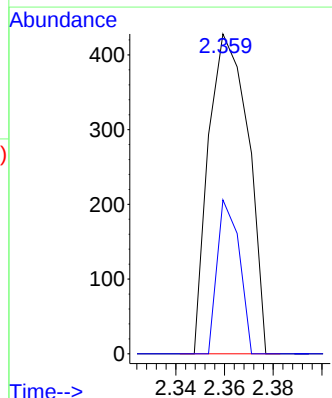
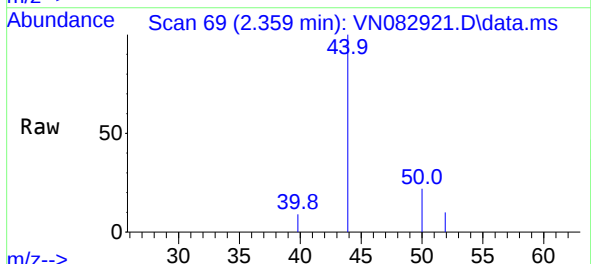


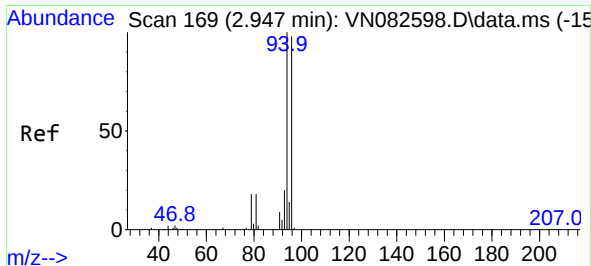
Tgt Ion:168 Resp: 101438
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4



#3
Chloromethane
Concen: 0.389 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

Tgt Ion: 50 Resp: 484
Ion Ratio Lower Upper
50 100
52 48.1 25.0 37.4#

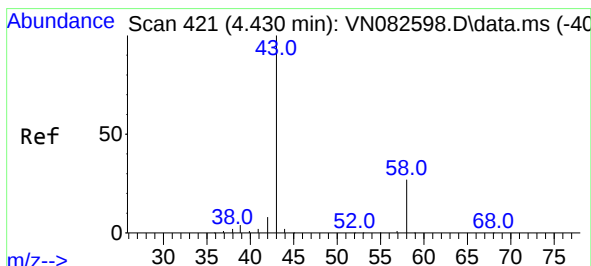
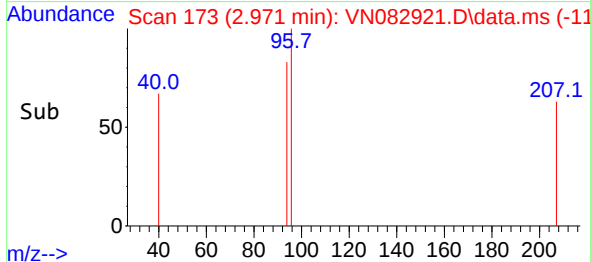
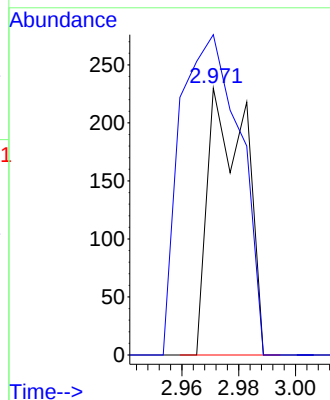
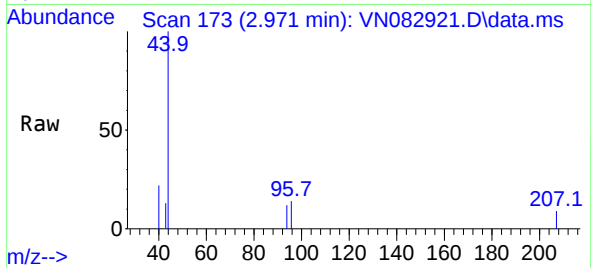




#5
Bromomethane
Concen: 0.227 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

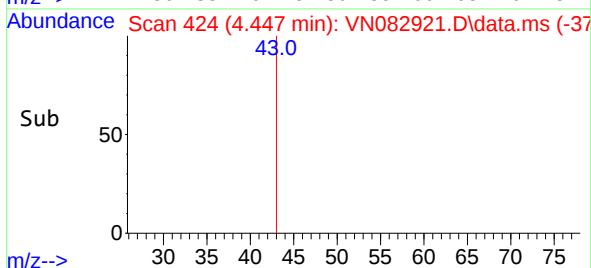
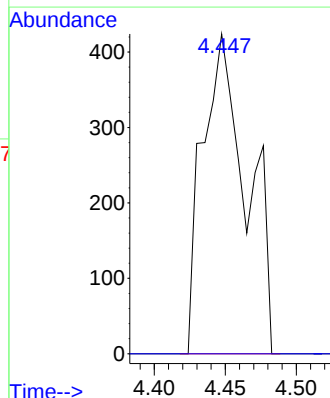
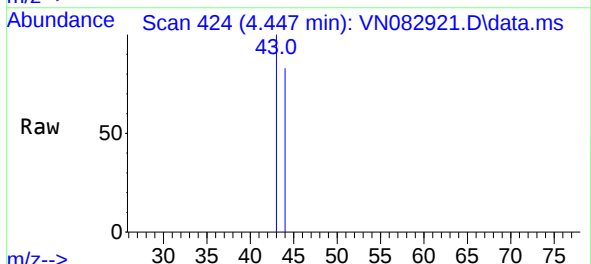
Instrument :
MSVOA_N
ClientSampleId :

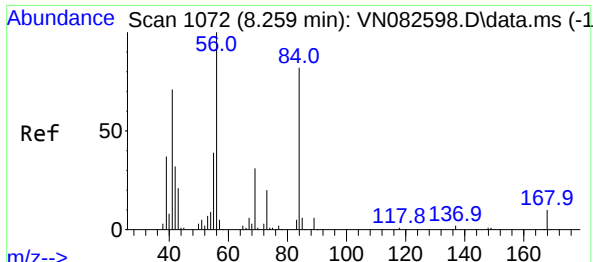
Tgt Ion: 94 Resp: 214
Ion Ratio Lower Upper
94 100
96 120.0 78.0 117.0#



#16
Acetone
Concen: 1.830 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

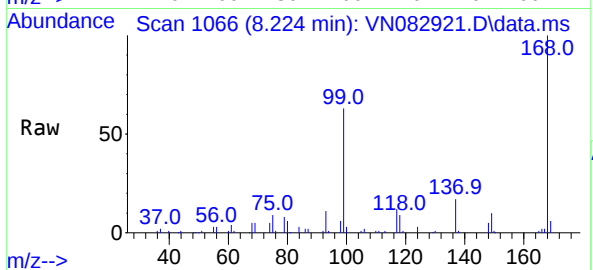
Tgt Ion: 43 Resp: 916
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



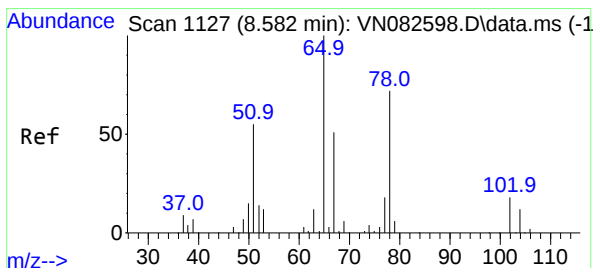
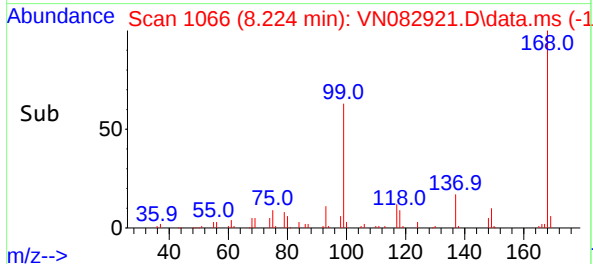
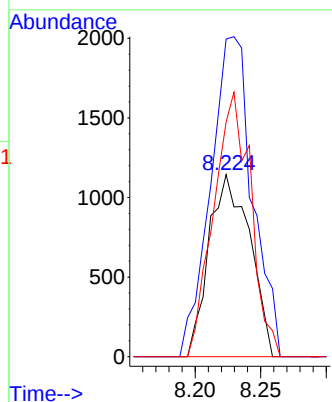


#31
Cyclohexane
Concen: 1.333 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

Instrument :
MSVOA_N
ClientSampleId :

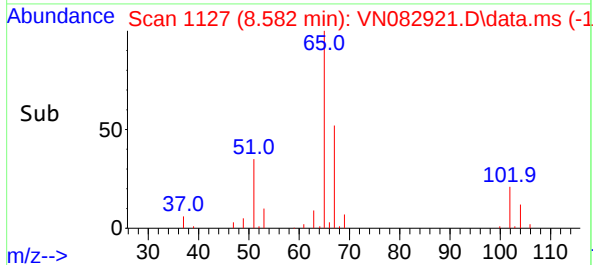
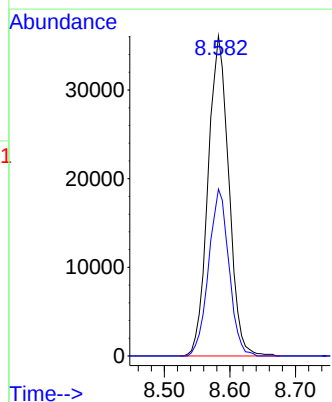
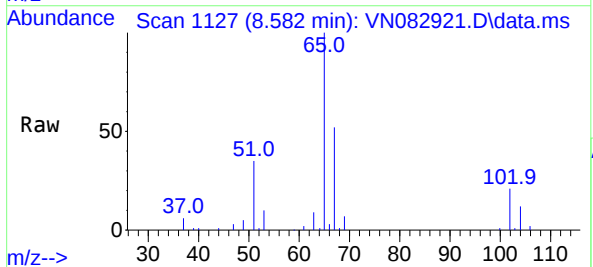


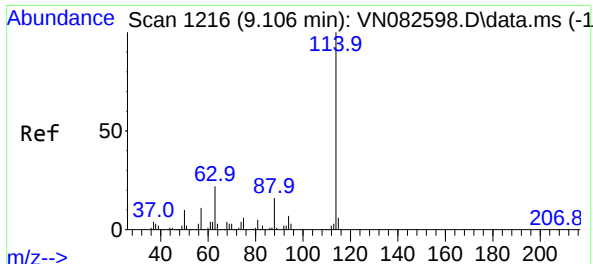
Tgt Ion: 56 Resp: 2479
Ion Ratio Lower Upper
56 100
69 174.4 24.5 36.7#
84 128.8 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 55.756 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

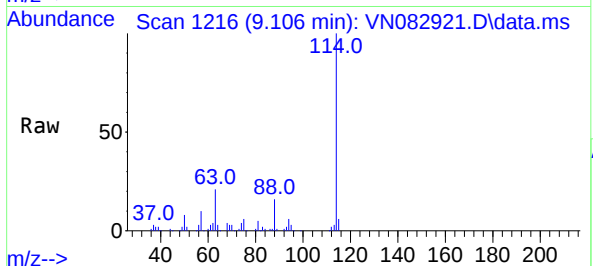
Tgt Ion: 65 Resp: 79283
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4



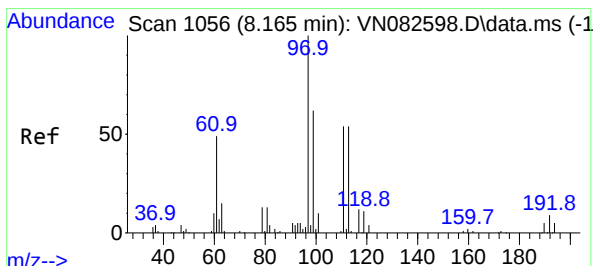
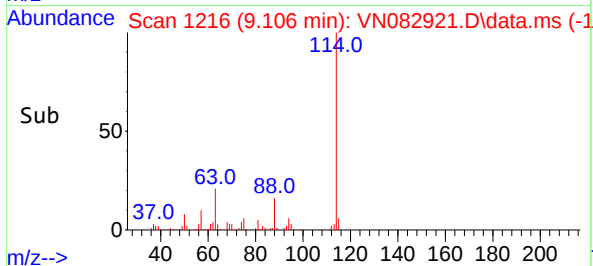
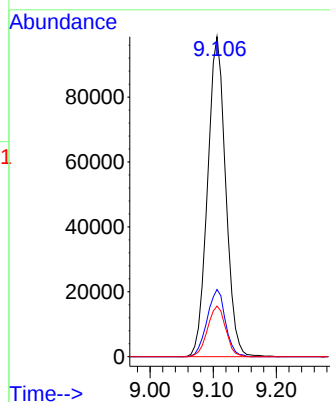


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

Instrument :
MSVOA_N
ClientSampleId :

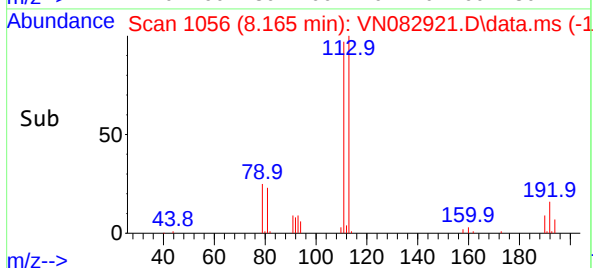
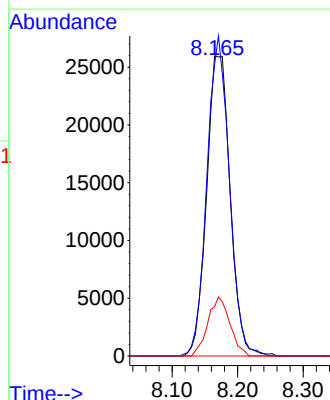
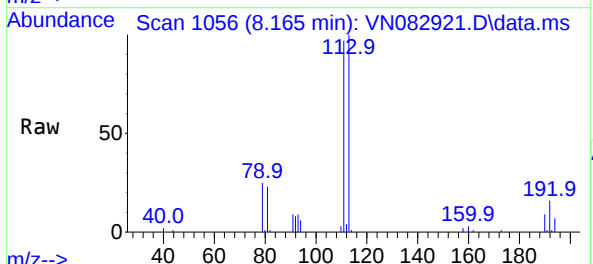


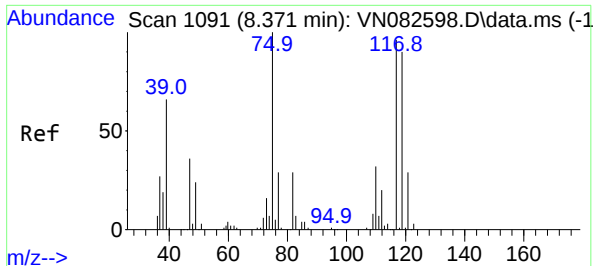
Tgt Ion:114 Resp: 195942
Ion Ratio Lower Upper
114 100
63 21.0 0.0 44.6
88 15.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.652 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

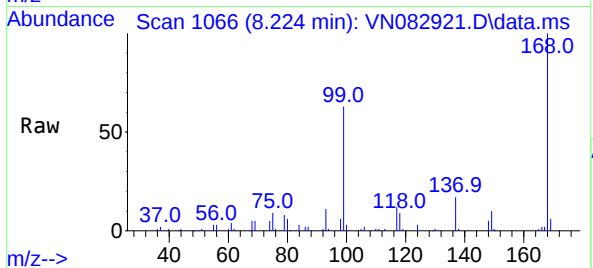
Tgt Ion:113 Resp: 64943
Ion Ratio Lower Upper
113 100
111 101.6 82.4 123.6
192 18.3 14.9 22.3



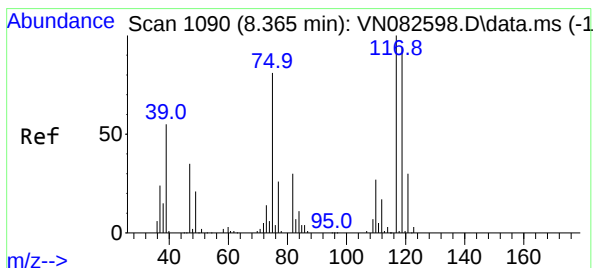
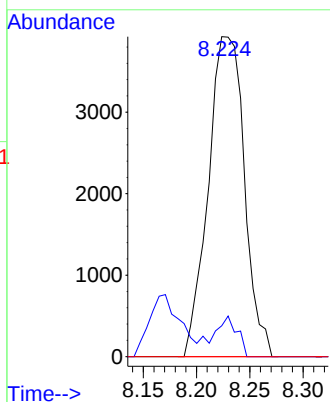
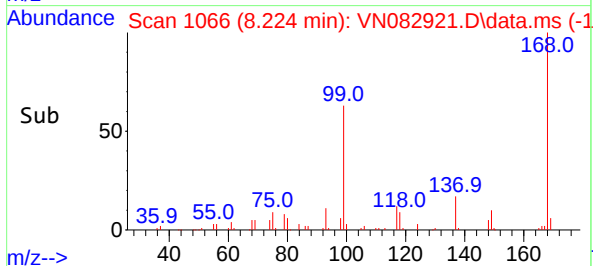


#36
1,1-Dichloropropene
Concen: 5.346 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

Instrument :
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ClientSampleId :

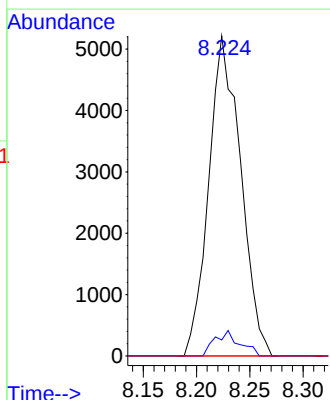
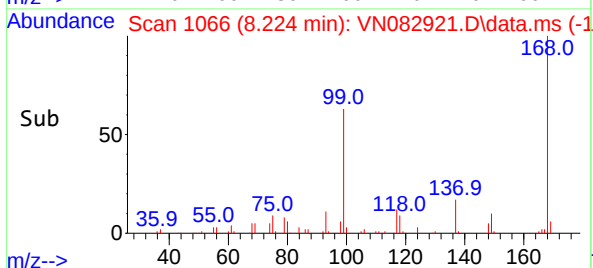
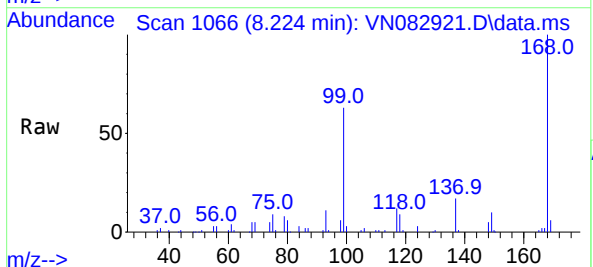


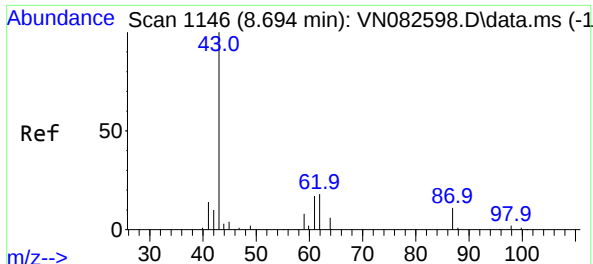
Tgt Ion: 75 Resp: 9268
Ion Ratio Lower Upper
75 100
110 6.9 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.213 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

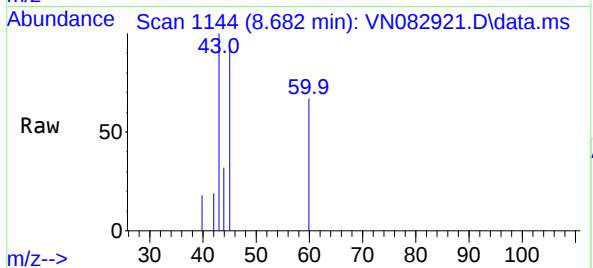
Tgt Ion: 117 Resp: 10880
Ion Ratio Lower Upper
117 100
119 5.0 74.9 112.3#
121 0.0 24.3 36.5#



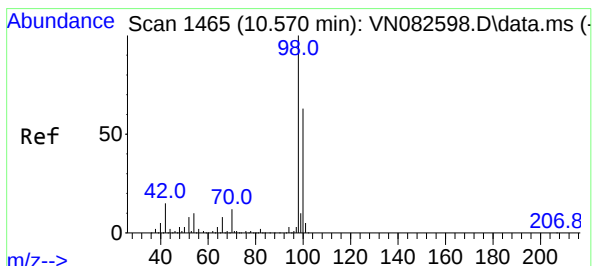
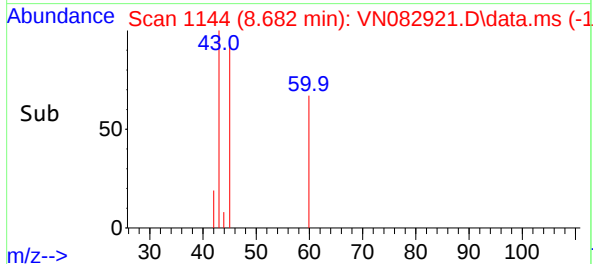
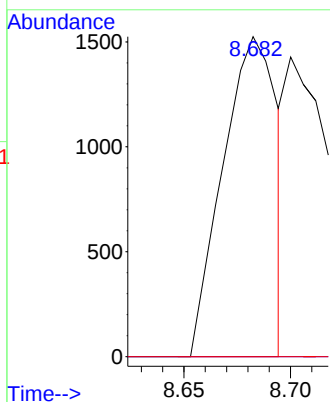


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.682 min Scan# 1144
Delta R.T. -0.012 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

Instrument :
MSVOA_N
ClientSampleId :

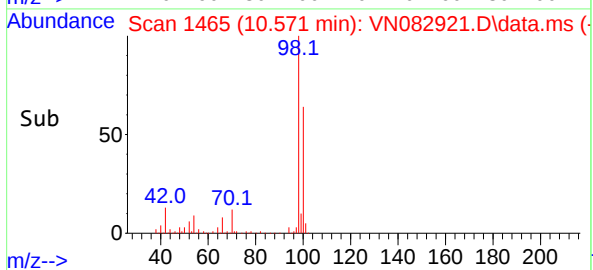
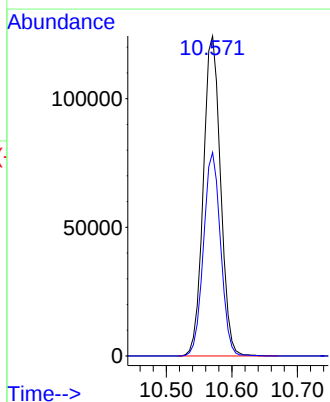
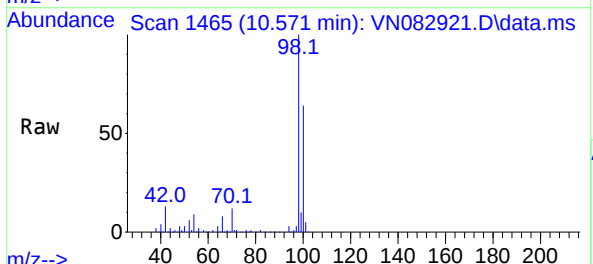


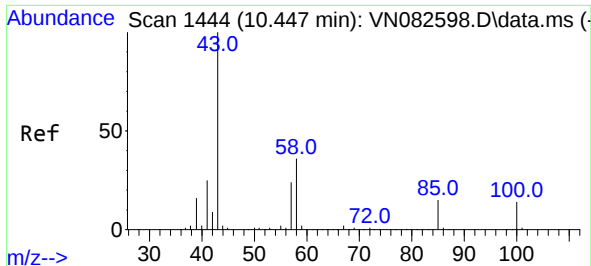
Tgt Ion: 43 Resp: 2682
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 48.949 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

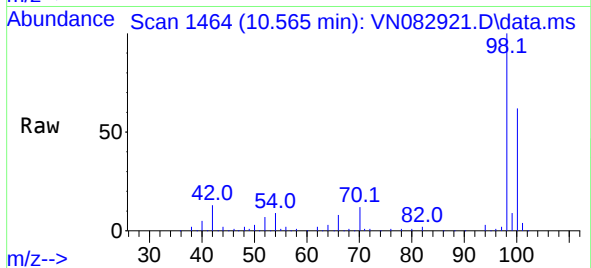
Tgt Ion: 98 Resp: 227310
Ion Ratio Lower Upper
98 100
100 63.0 51.5 77.3



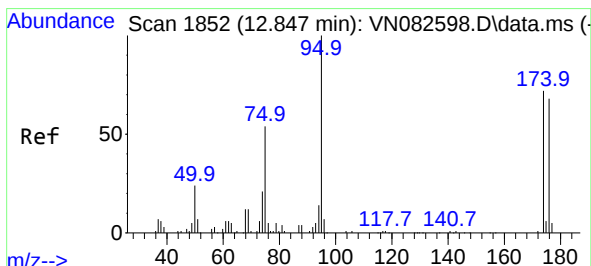
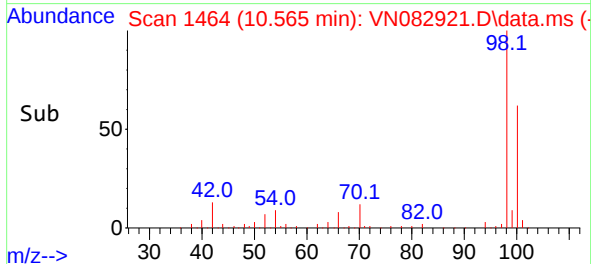
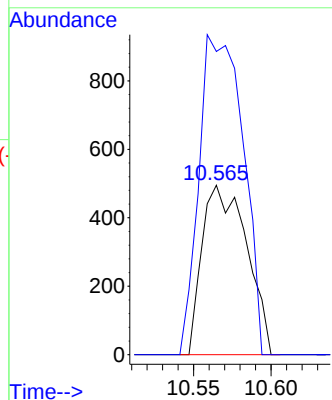


#51
4-Methyl-2-Pentanone
Concen: 0.566 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

Instrument :
MSVOA_N
ClientSampleId :

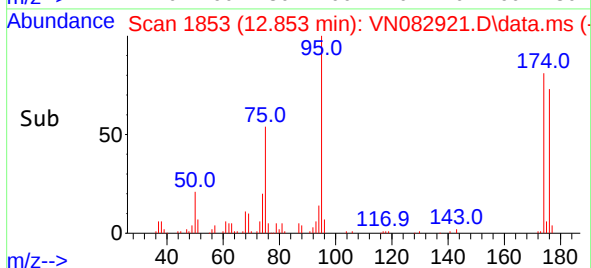
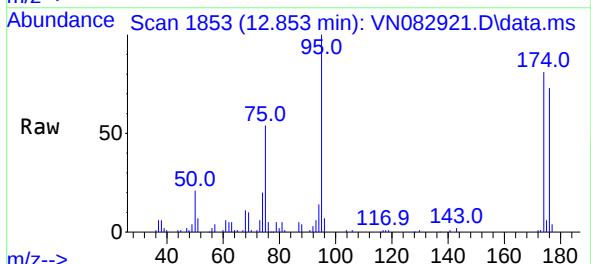
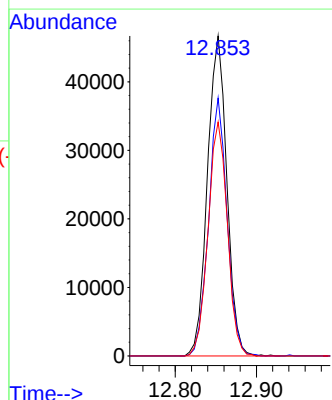


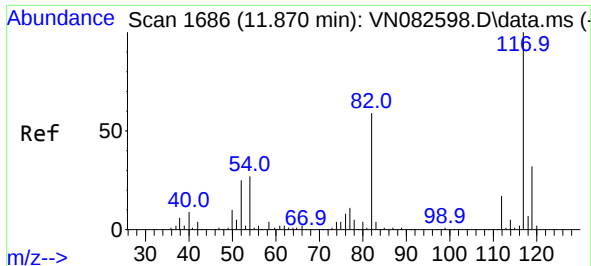
Tgt Ion: 43 Resp: 990
Ion Ratio Lower Upper
43 100
58 186.1 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 46.355 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

Tgt Ion: 95 Resp: 77326
Ion Ratio Lower Upper
95 100
174 77.0 0.0 159.2
176 72.7 0.0 147.6

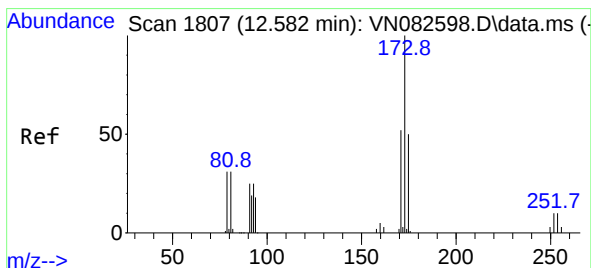
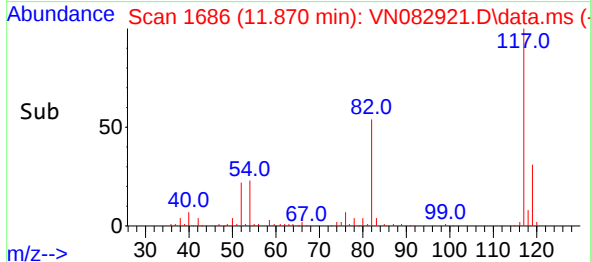
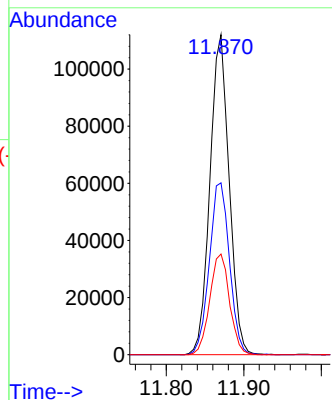
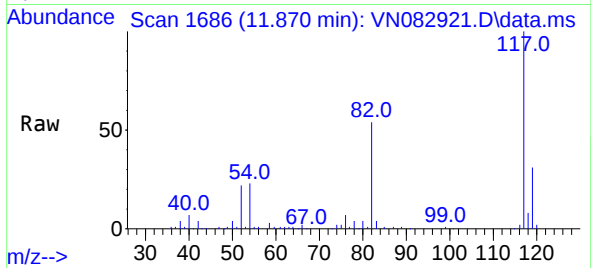




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

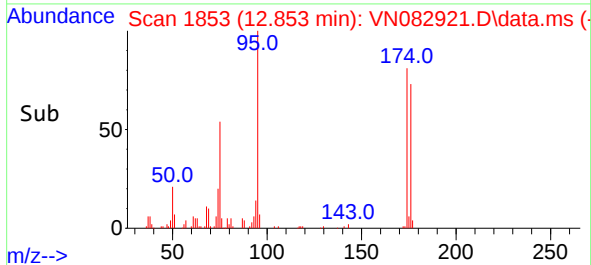
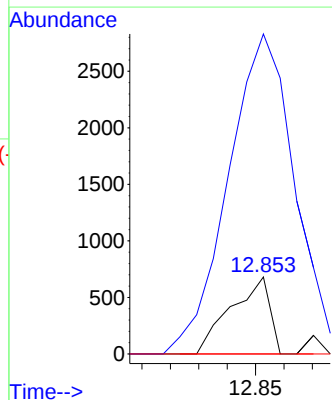
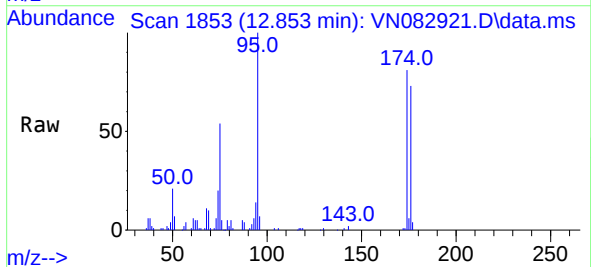
Instrument :
MSVOA_N
ClientSampleId :

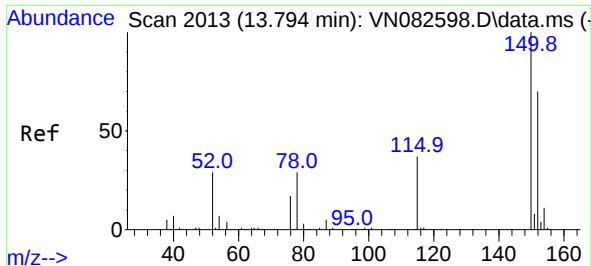
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	47.5	71.3
119	31.5	25.6	38.4



#71
Bromoform
Concen: 0.560 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

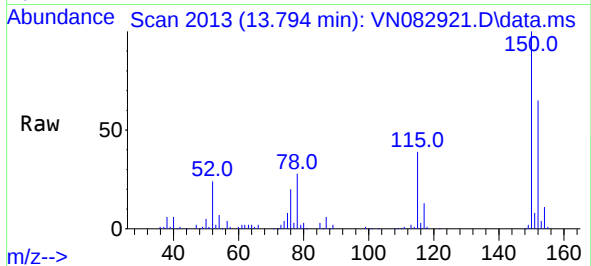
Tgt Ion	Ratio	Lower	Upper
173	100		
175	583.3	24.0	72.0#
254	0.0	0.0	0.0



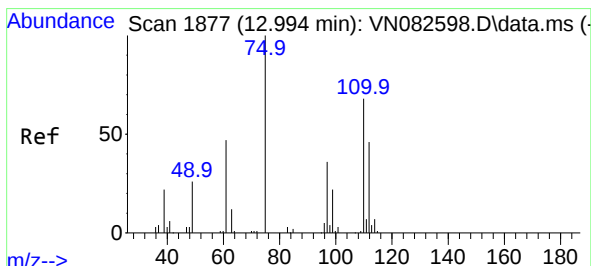
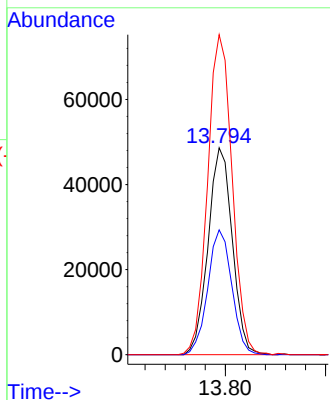
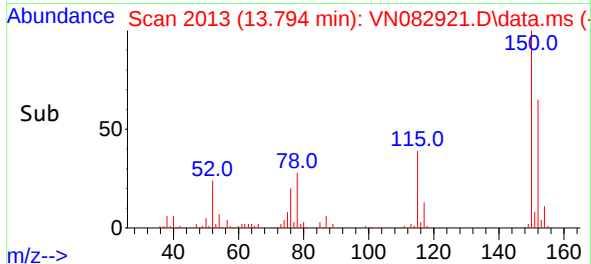


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

Instrument :
MSVOA_N
ClientSampleId :

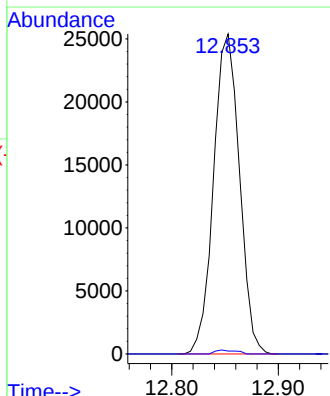
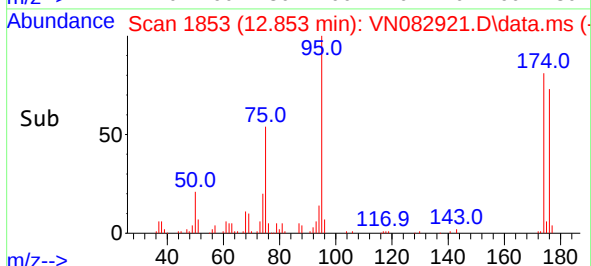
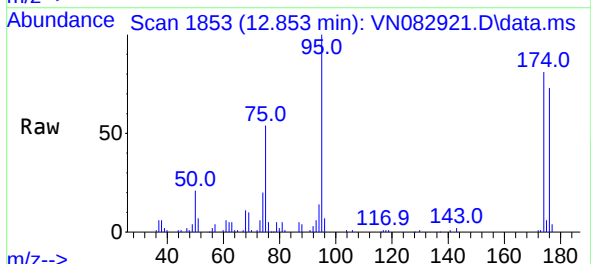


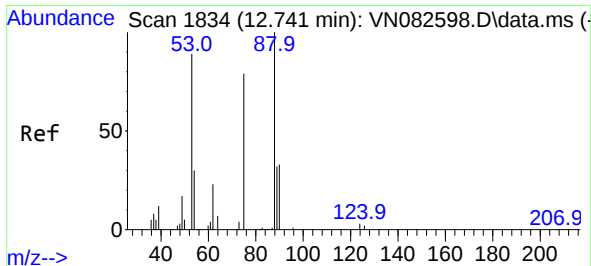
Tgt Ion:152 Resp: 81722
Ion Ratio Lower Upper
152 100
115 59.7 30.6 91.6
150 156.3 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 30.356 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

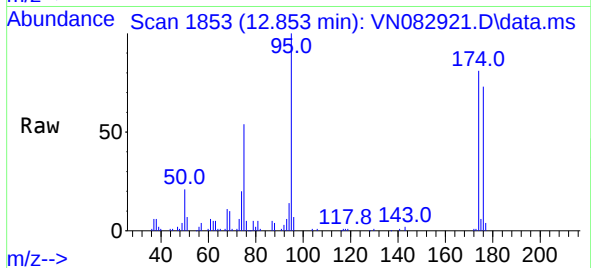
Tgt Ion: 75 Resp: 42769
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



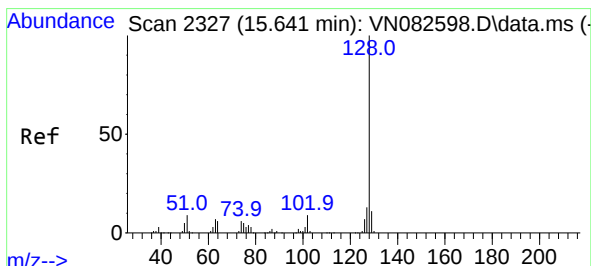
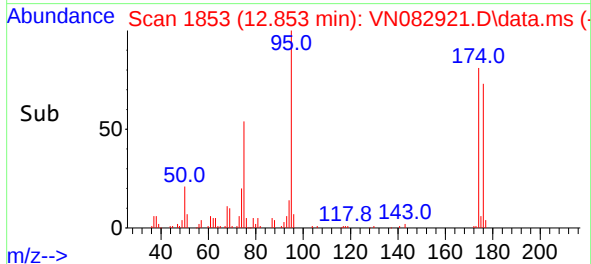
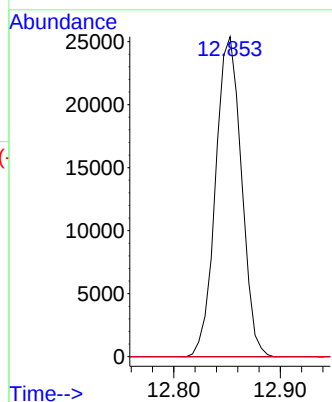


#81
trans-1,4-Dichloro-2-butene
Concen: 59.701 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 42769
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#95
Naphthalene
Concen: 3.798 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

Tgt Ion:128 Resp: 18826
Ion Ratio Lower Upper
128 100
127 12.3 10.6 16.0
129 9.8 8.6 12.8

