

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082534.D
 Acq On : 12 Jun 2024 17:23
 Operator : JC\MD
 Sample : P2838-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 12 18:38:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

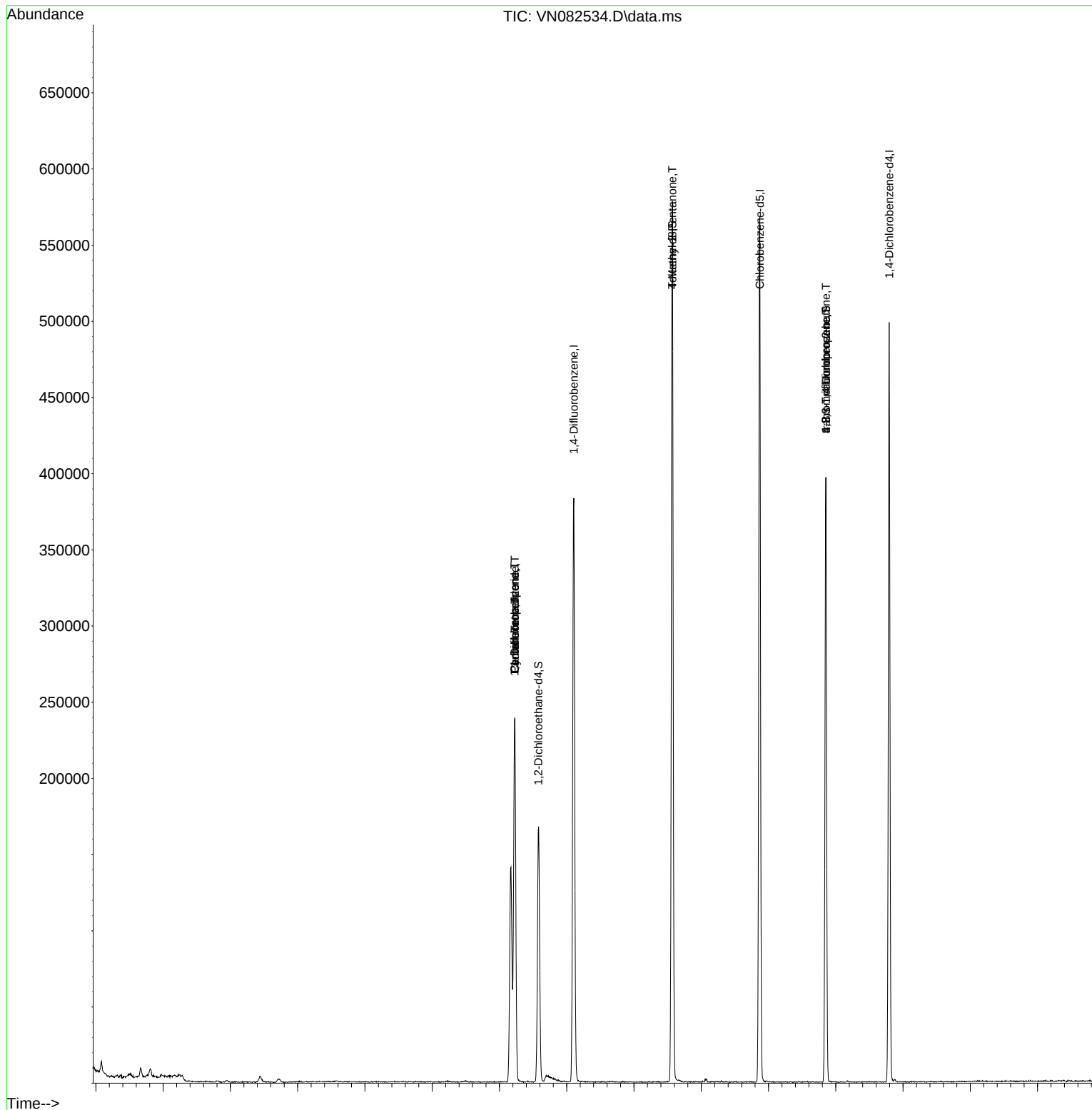
Internal Standards						
1) Pentafluorobenzene	8.229	168	168595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	313287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	305813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138815	52.144	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.280%		
35) Dibromofluoromethane	8.165	113	101193	52.508	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.020%		
50) Toluene-d8	10.571	98	373701	50.577	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.160%		
62) 4-Bromofluorobenzene	12.853	95	122517	46.457	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 92.920%		
Target Compounds						
						Qvalue
3) Chloromethane	2.359	50	1925	0.699	ug/l	97
5) Bromomethane	2.977	94	488	0.328	ug/l #	66
16) Acetone	4.436	43	7106	6.507	ug/l	95
17) Carbon Disulfide	4.706	76	2539	0.427	ug/l #	74
25) 2-Butanone	7.482	43	1031	0.623	ug/l #	43
31) Cyclohexane	8.229	56	4701	1.106	ug/l #	35
36) 1,1-Dichloropropene	8.224	75	15394	4.763	ug/l #	48
38) Carbon Tetrachloride	8.229	117	18555	5.663	ug/l #	17
43) Isopropyl Acetate	8.694	43	3015	0.470	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	2295	0.630	ug/l #	1
71) Bromoform	12.582	173	64	0.737	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	73268	27.637	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	73268	64.641	ug/l #	13

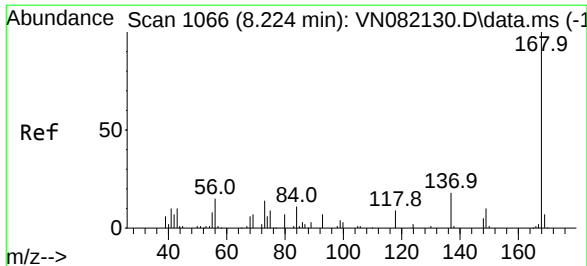
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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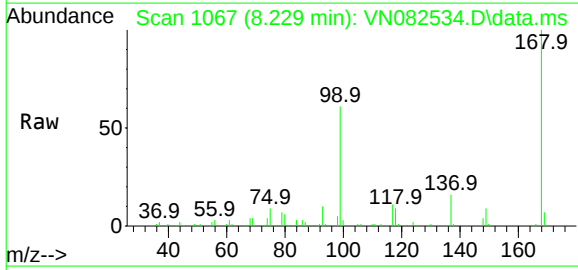
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



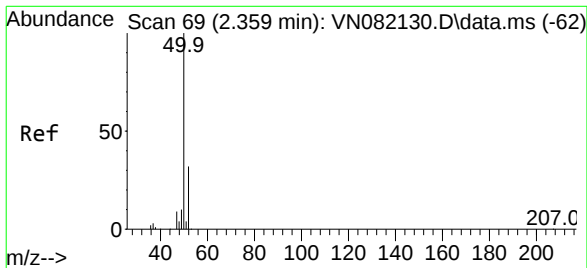
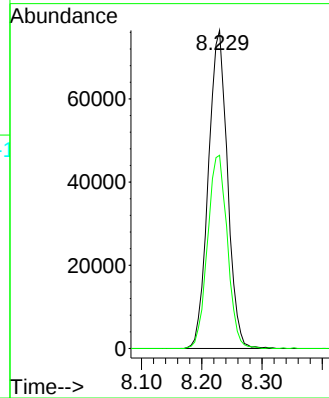
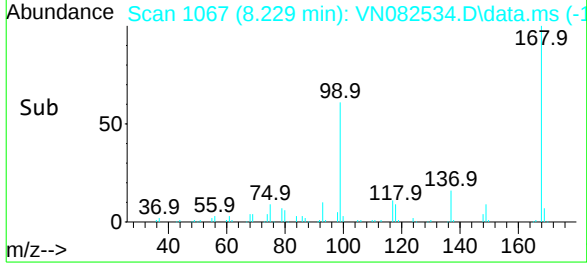


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082534.D
Acq: 12 Jun 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :

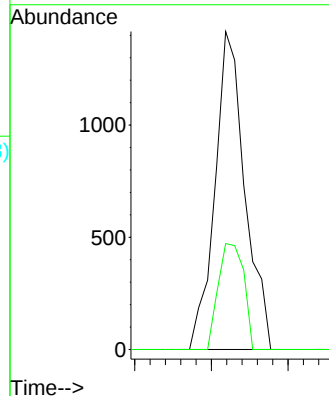
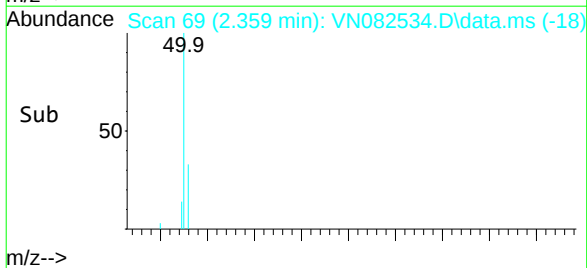
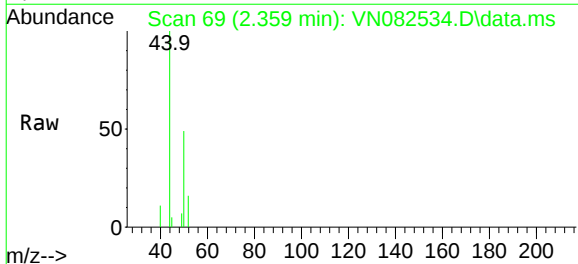


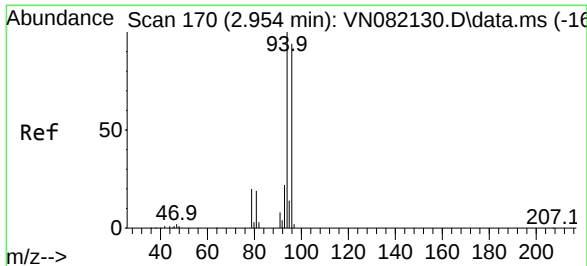
Tgt Ion:168 Resp: 168595
Ion Ratio Lower Upper
168 100
99 60.8 48.2 72.4



#3
Chloromethane
Concen: 0.699 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082534.D
Acq: 12 Jun 2024 17:23

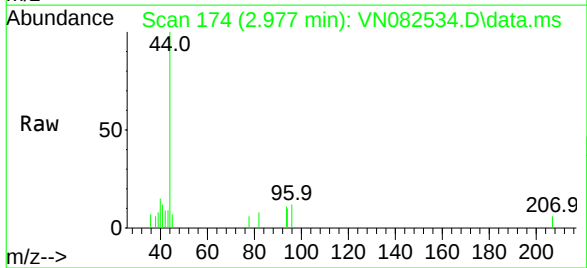
Tgt Ion: 50 Resp: 1925
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3



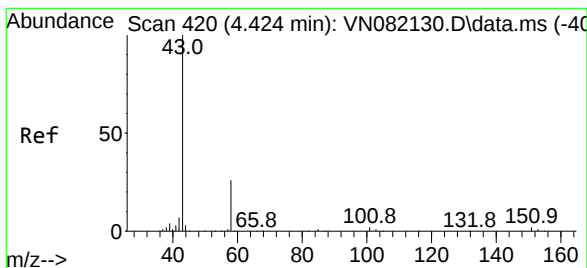
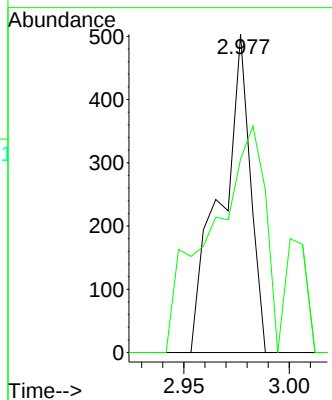
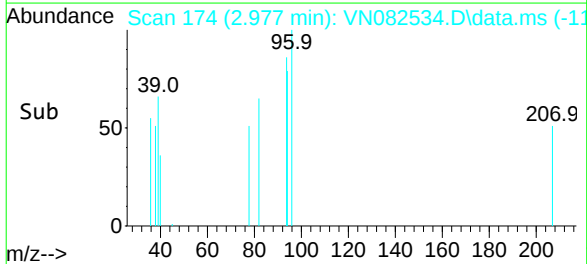


#5
Bromomethane
Concen: 0.328 ug/l
RT: 2.977 min Scan# 171
Delta R.T. 0.023 min
Lab File: VN082534.D
Acq: 12 Jun 2024 17:23

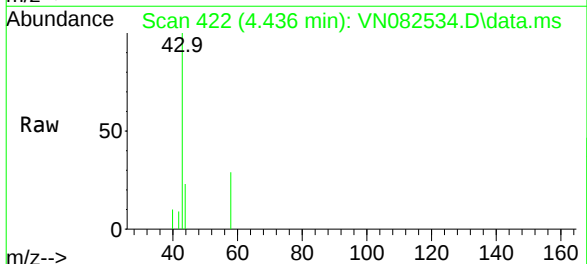
Instrument :
MSVOA_N
ClientSampleId :



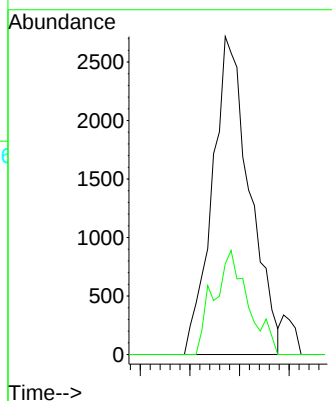
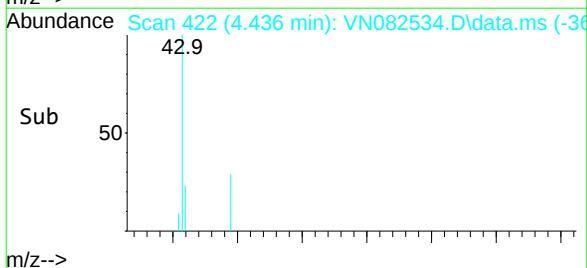
Tgt Ion: 94 Resp: 488
Ion Ratio Lower Upper
94 100
96 60.8 74.8 112.2#

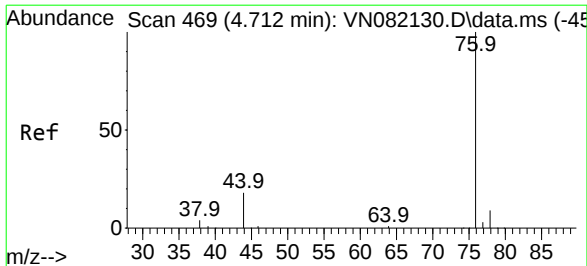


#16
Acetone
Concen: 6.507 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082534.D
Acq: 12 Jun 2024 17:23



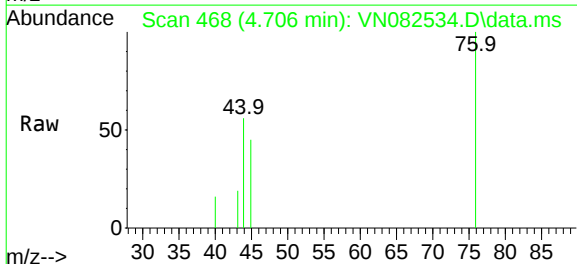
Tgt Ion: 43 Resp: 7106
Ion Ratio Lower Upper
43 100
58 28.5 25.2 37.8



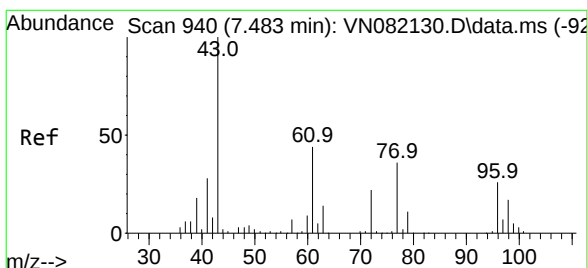
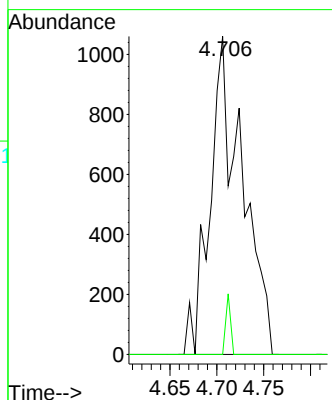
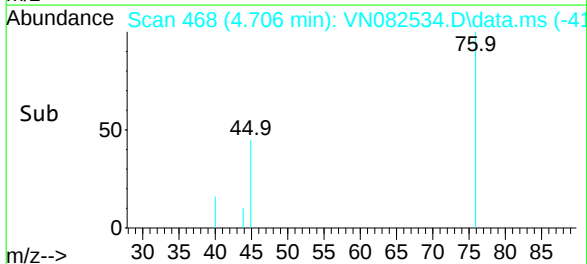


#17
Carbon Disulfide
Concen: 0.427 ug/l
RT: 4.706 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN082534.D
Acq: 12 Jun 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :

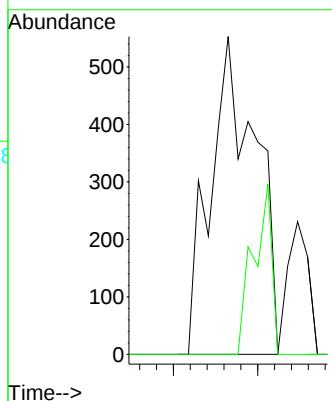
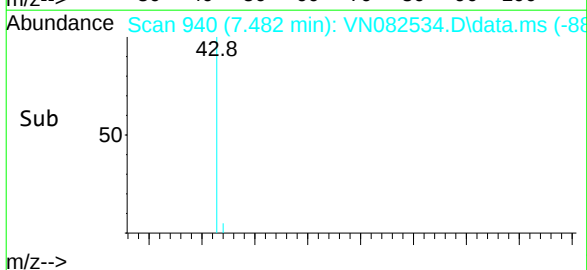
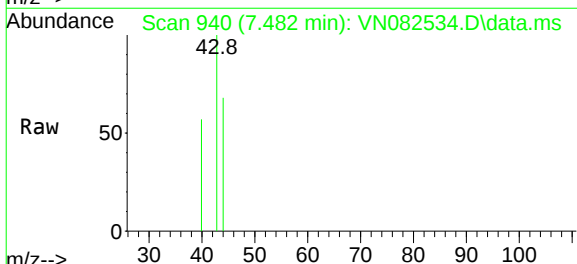


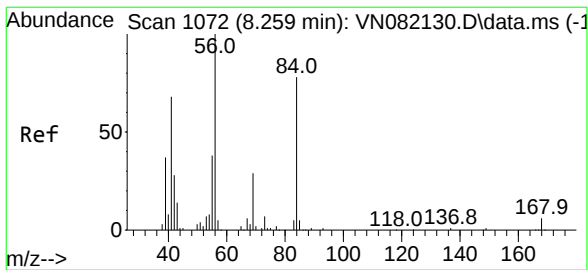
Tgt Ion: 76 Resp: 2539
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#25
2-Butanone
Concen: 0.623 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082534.D
Acq: 12 Jun 2024 17:23

Tgt Ion: 43 Resp: 1031
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#

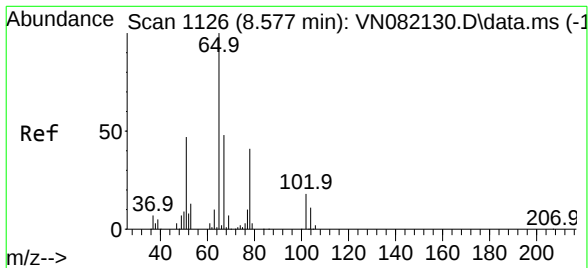
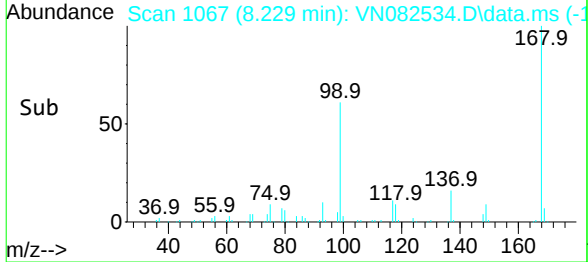
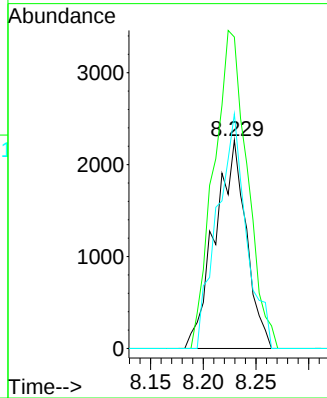
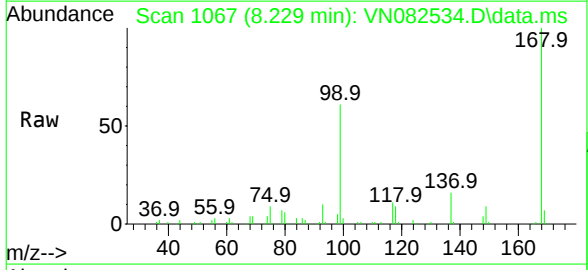




#31
Cyclohexane
Concen: 1.106 ug/l
RT: 8.229 min Scan# 1072
Delta R.T. -0.030 min
Lab File: VN082534.D
Acq: 12 Jun 2024 17:23

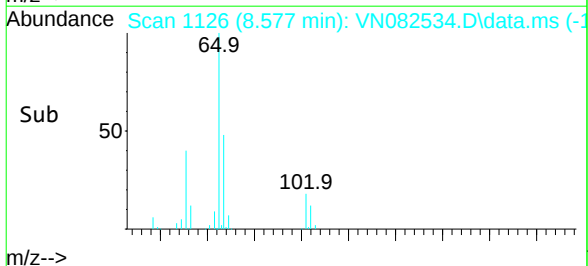
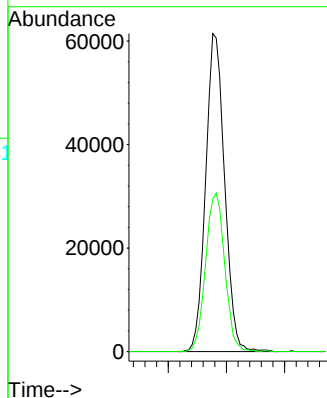
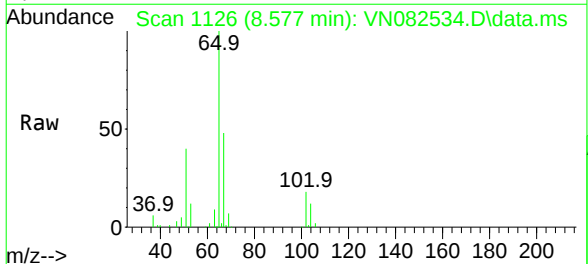
Instrument :
MSVOA_N
ClientSampleId :

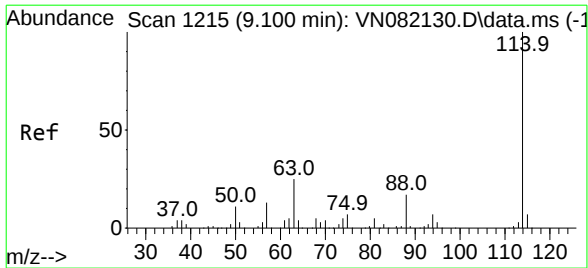
Tgt Ion: 56 Resp: 4701
Ion Ratio Lower Upper
56 100
69 149.5 24.4 36.6#
84 112.6 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 52.144 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082534.D
Acq: 12 Jun 2024 17:23

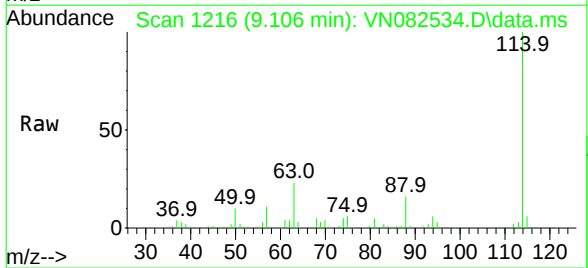
Tgt Ion: 65 Resp: 138815
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0



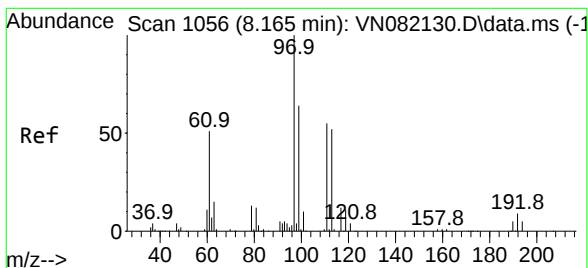
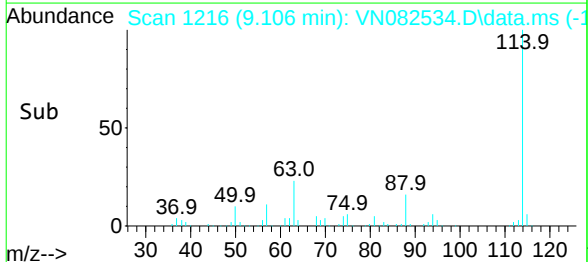
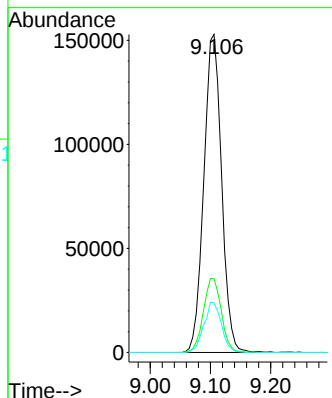


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.006 min
 Lab File: VN082534.D
 Acq: 12 Jun 2024 17:23

Instrument :
 MSVOA_N
 ClientSampleId :

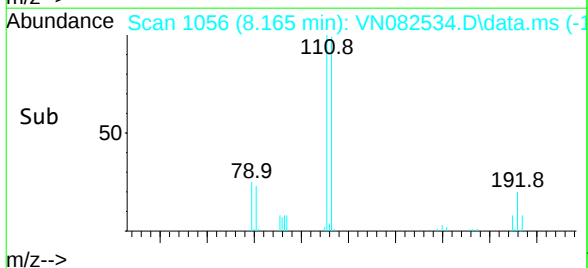
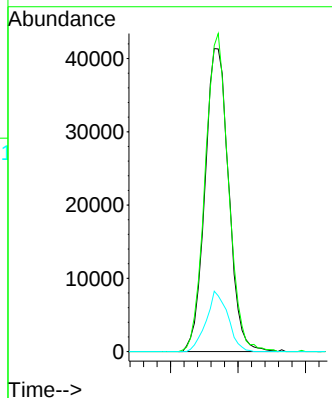
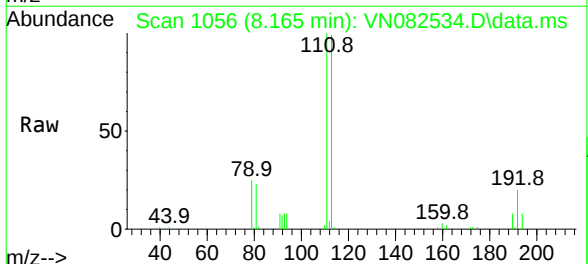


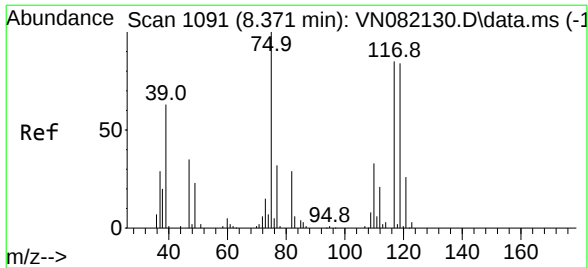
Tgt Ion:	114	Resp:	313287
Ion Ratio	Lower	Upper	
114	100		
63	23.2	0.0	41.0
88	15.6	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 52.508 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN082534.D
 Acq: 12 Jun 2024 17:23

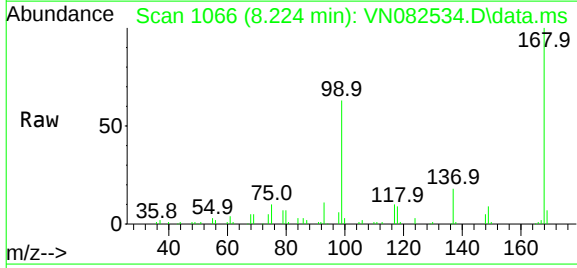
Tgt Ion:	113	Resp:	101193
Ion Ratio	Lower	Upper	
113	100		
111	103.0	83.4	125.2
192	18.2	14.0	21.0



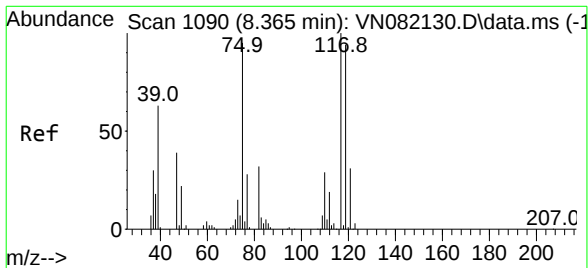
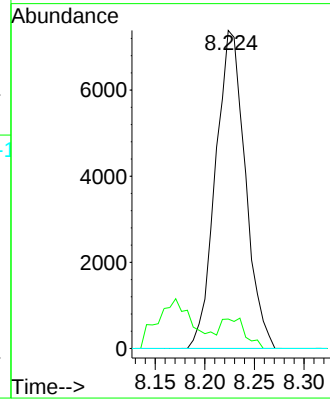
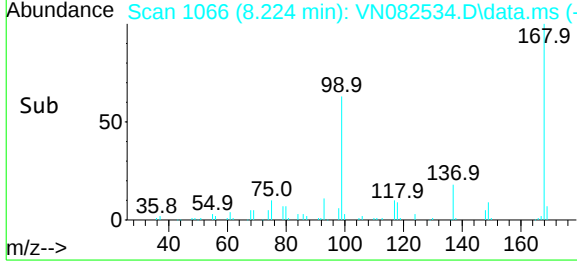


#36
1,1-Dichloropropene
Concen: 4.763 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082534.D
Acq: 12 Jun 2024 17:23

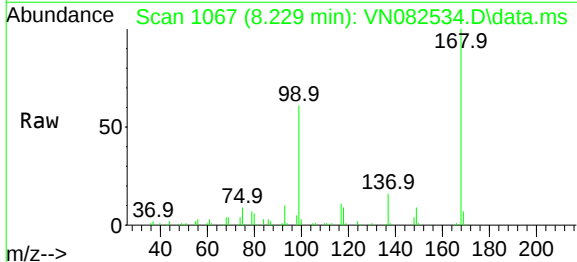
Instrument :
MSVOA_N
ClientSampleId :



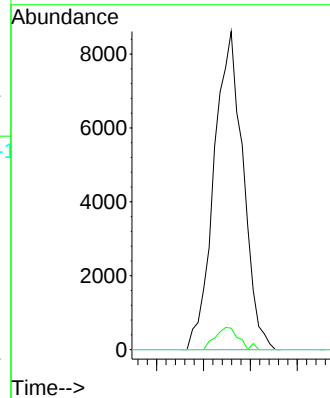
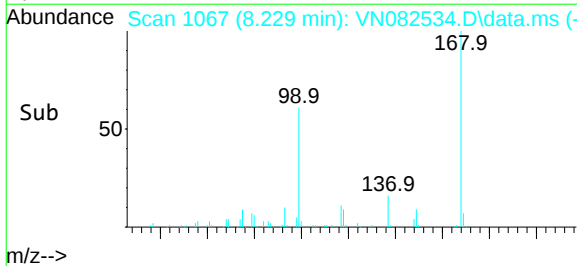
Tgt Ion: 75 Resp: 15394
Ion Ratio Lower Upper
75 100
110 7.6 17.8 53.5#
77 0.0 25.0 37.4#

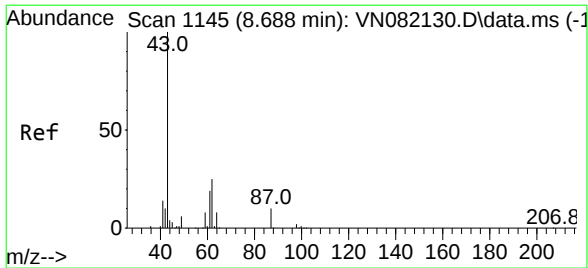


#38
Carbon Tetrachloride
Concen: 5.663 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082534.D
Acq: 12 Jun 2024 17:23



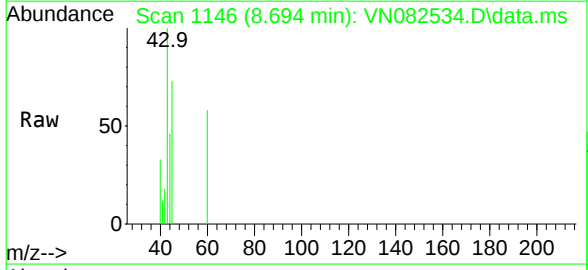
Tgt Ion: 117 Resp: 18555
Ion Ratio Lower Upper
117 100
119 6.8 76.5 114.7#
121 0.0 23.9 35.9#



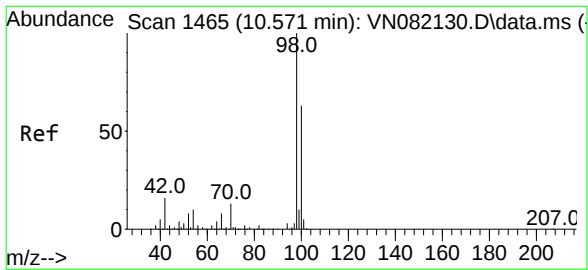
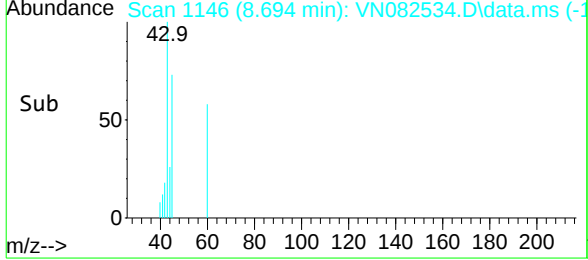
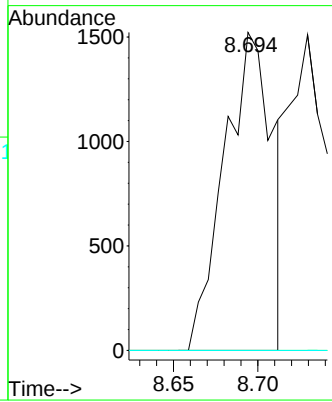


#43
Isopropyl Acetate
Concen: 0.470 ug/l
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN082534.D
Acq: 12 Jun 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :

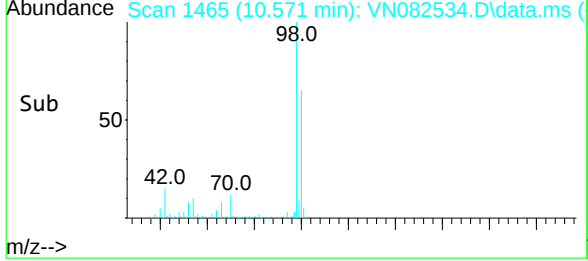
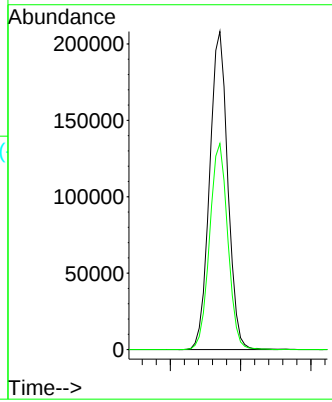
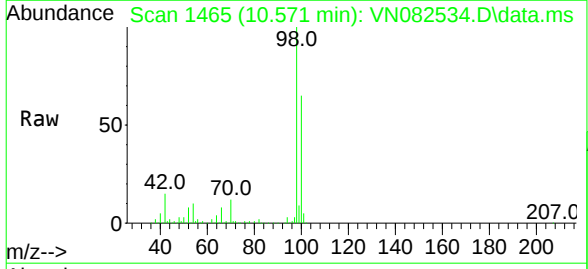


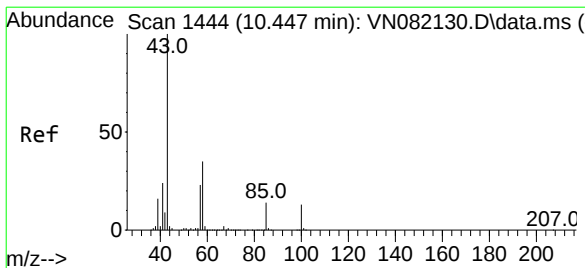
Tgt Ion: 43	Resp: 3015
Ion Ratio	Lower Upper
43 100	
61 0.0	22.8 34.2#
87 0.0	12.0 18.0#



#50
Toluene-d8
Concen: 50.577 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082534.D
Acq: 12 Jun 2024 17:23

Tgt Ion: 98	Resp: 373701
Ion Ratio	Lower Upper
98 100	
100 64.8	51.8 77.6

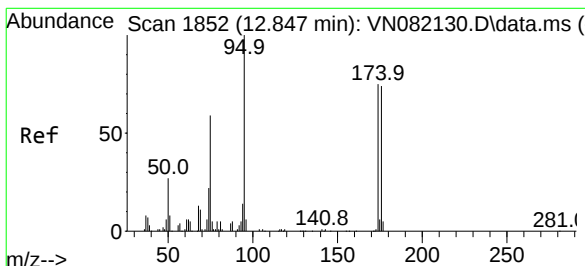
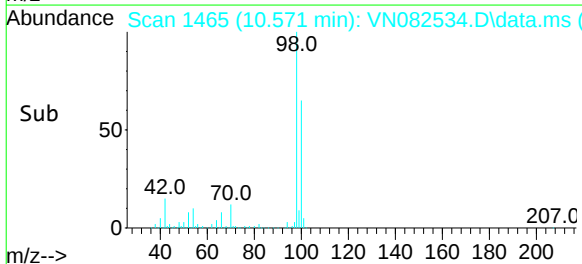
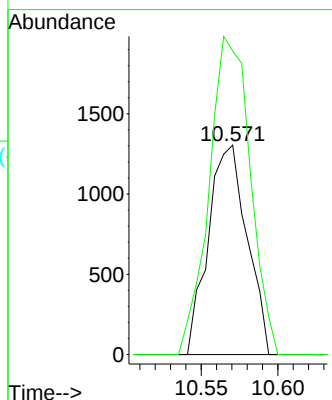
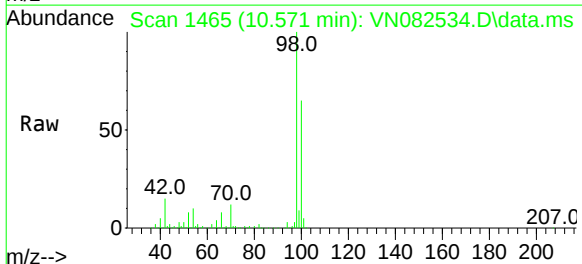




#51
4-Methyl-2-Pentanone
Concen: 0.630 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.123 min
Lab File: VN082534.D
Acq: 12 Jun 2024 17:23

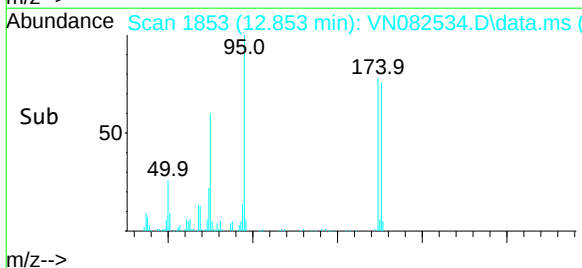
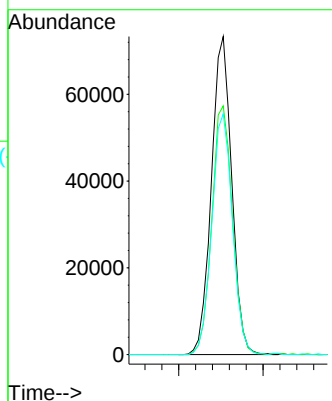
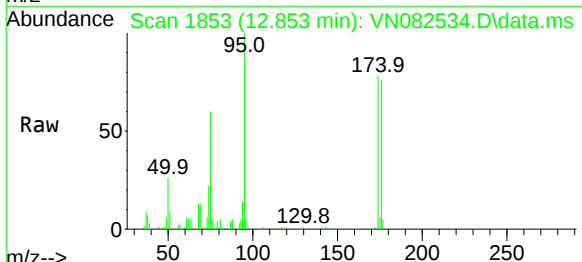
Instrument :
MSVOA_N
ClientSampleId :

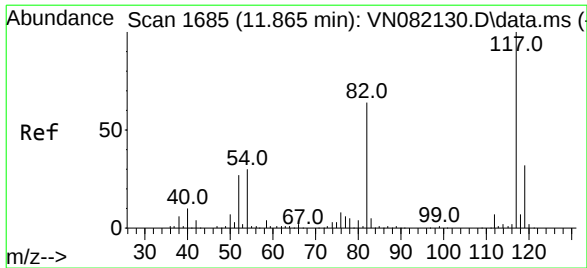
Tgt Ion: 43 Resp: 2295
Ion Ratio Lower Upper
43 100
58 161.0 33.2 49.8#



#62
4-Bromofluorobenzene
Concen: 46.457 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082534.D
Acq: 12 Jun 2024 17:23

Tgt Ion: 95 Resp: 122517
Ion Ratio Lower Upper
95 100
174 79.7 0.0 160.6
176 76.8 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 16

Delta R.T. 0.006 min

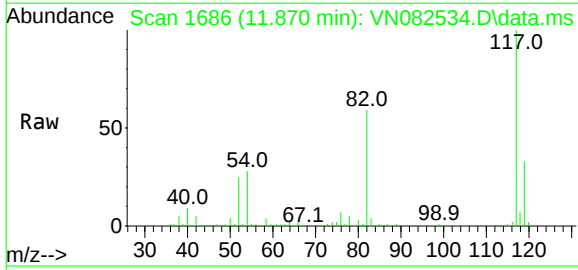
Lab File: VN082534.D

Acq: 12 Jun 2024 17:23

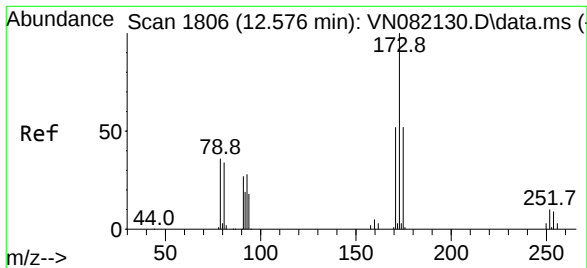
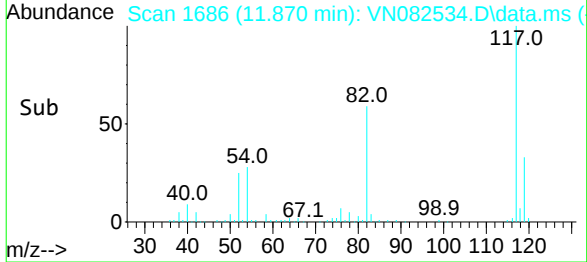
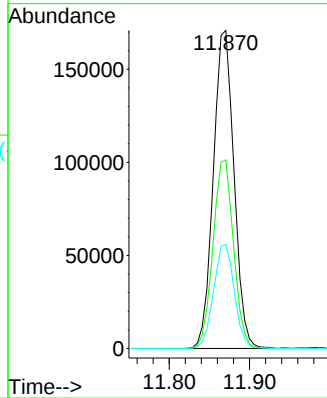
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	117	Resp:	305813
Ion	Ratio	Lower	Upper
117	100		
82	59.3	44.6	66.8
119	32.7	25.9	38.9



#71

Bromoform

Concen: 0.737 ug/l

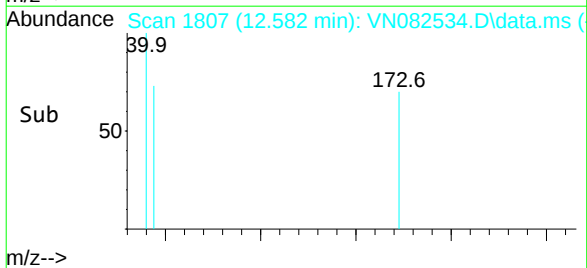
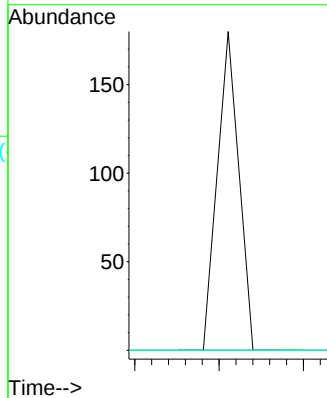
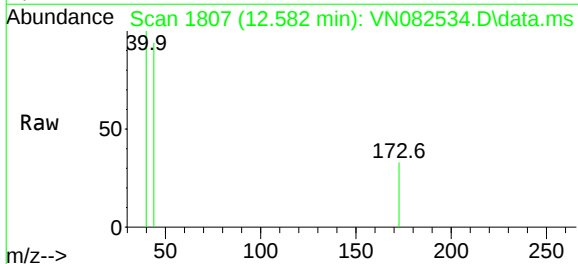
RT: 12.582 min Scan# 1807

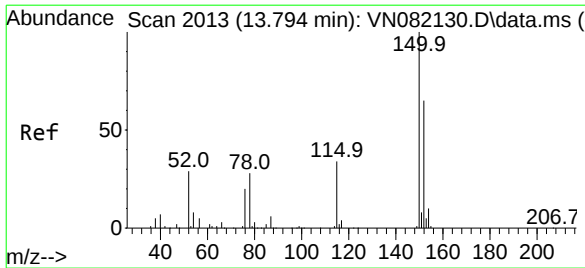
Delta R.T. 0.006 min

Lab File: VN082534.D

Acq: 12 Jun 2024 17:23

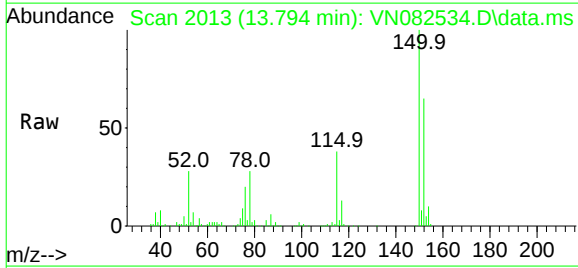
Tgt Ion:	173	Resp:	64
Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.6	74.0#
254	0.0	0.0	0.0



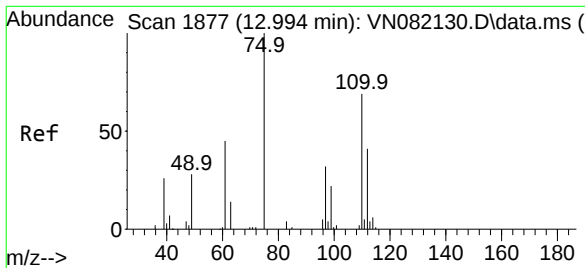
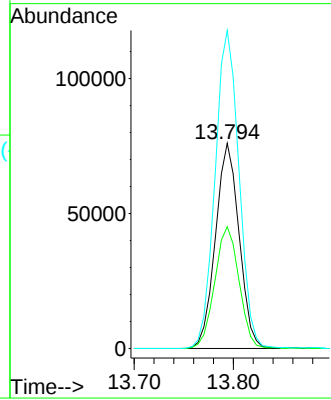
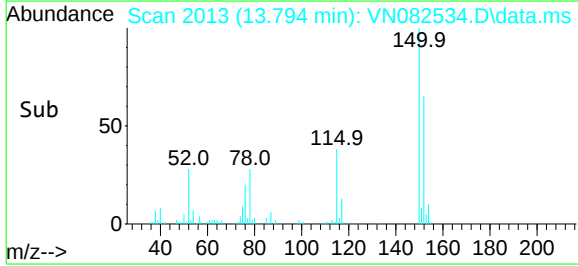


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082534.D
Acq: 12 Jun 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :

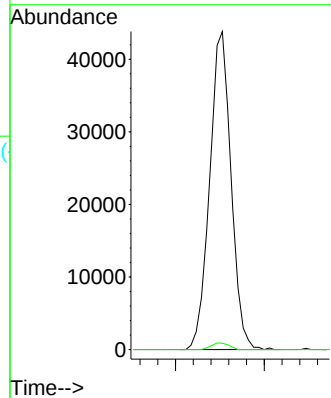
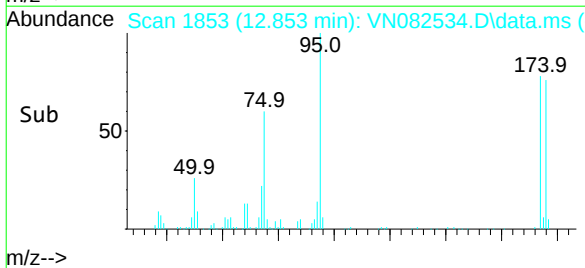
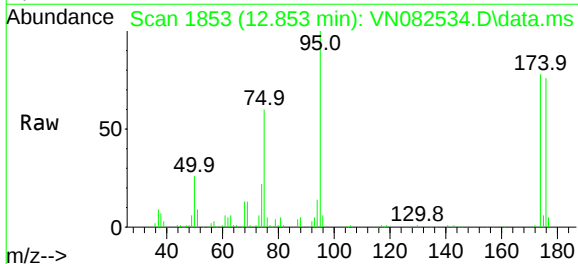


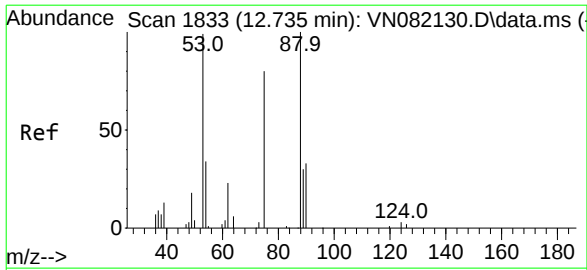
Tgt Ion:152 Resp: 125958
Ion Ratio Lower Upper
152 100
115 60.8 30.4 91.3
150 156.8 0.0 353.2



#76
1,2,3-Trichloropropane
Concen: 27.637 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082534.D
Acq: 12 Jun 2024 17:23

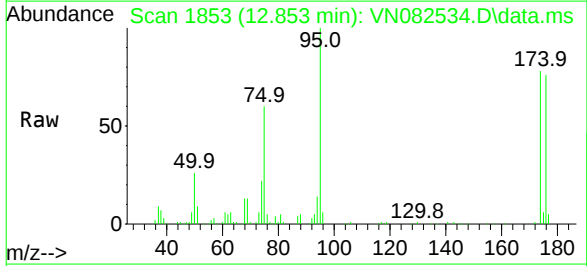
Tgt Ion: 75 Resp: 73268
Ion Ratio Lower Upper
75 100
77 1.7 90.5 271.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.641 ug/l
RT: 12.853 min Scan# 18
Delta R.T. 0.117 min
Lab File: VN082534.D
Acq: 12 Jun 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.3	72.9	109.3#
89	0.0	39.1	58.7#

