

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080543.D
 Acq On : 20 Dec 2023 13:45
 Operator : JC\MD
 Sample : 05932-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 02:41:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

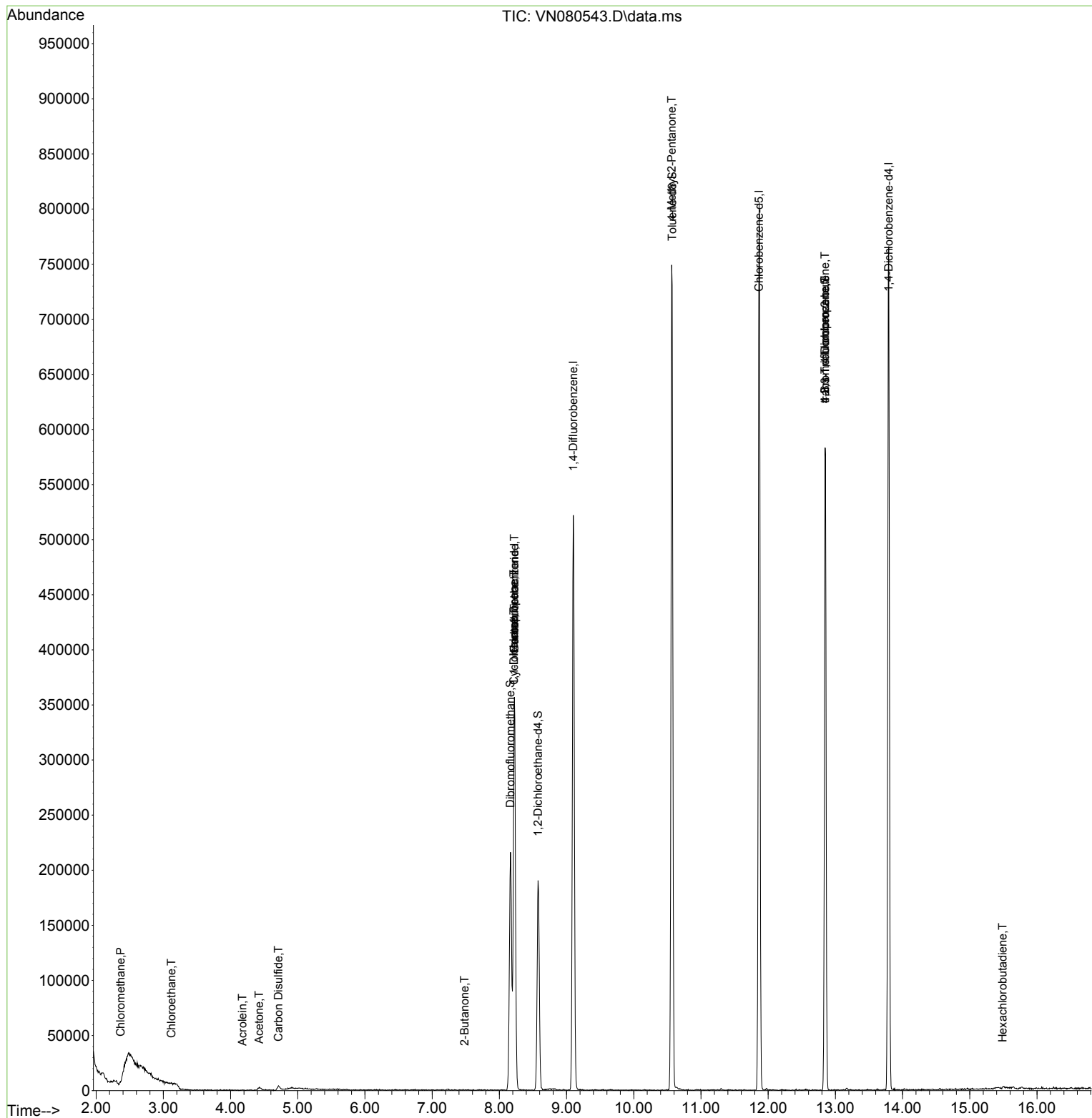
Internal Standards						
1) Pentafluorobenzene	8.224	168	252289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	453642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	473100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	208317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	167115	51.862	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.720%	
35) Dibromofluoromethane	8.165	113	151656	52.727	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.460%	
50) Toluene-d8	10.571	98	535269	49.899	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.800%	
62) 4-Bromofluorobenzene	12.847	95	210442	51.663	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.320%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	3979	0.783	ug/l	98
6) Chloroethane	3.118	64	1007	0.569	ug/l #	72
13) Acrolein	4.177	56	209	0.503	ug/l	85
16) Acetone	4.424	43	4920	8.611	ug/l	90
17) Carbon Disulfide	4.712	76	9472	1.232	ug/l #	93
25) 2-Butanone	7.483	43	489	0.444	ug/l #	37
31) Cyclohexane	8.218	56	5228	1.193	ug/l #	46
36) 1,1-Dichloropropene	8.218	75	21052	4.476	ug/l #	47
38) Carbon Tetrachloride	8.224	117	27753	4.939	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	2056	0.705	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	114089	27.453	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	114089	72.079	ug/l #	15
94) Hexachlorobutadiene	15.488	225	509	0.234	ug/l #	37

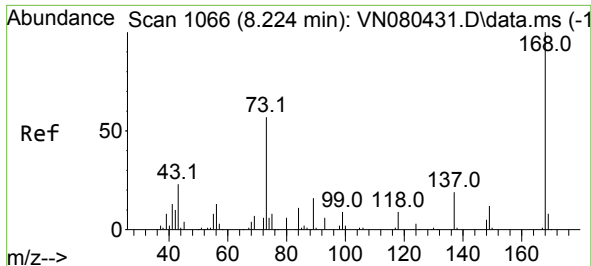
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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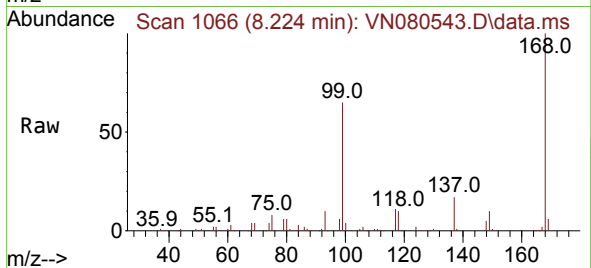
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration



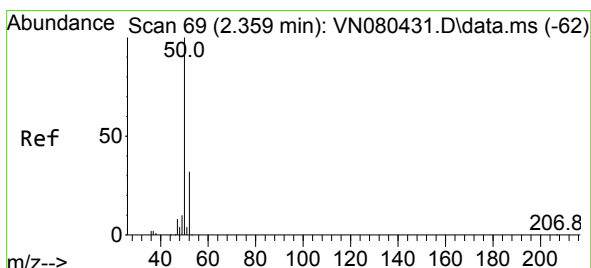
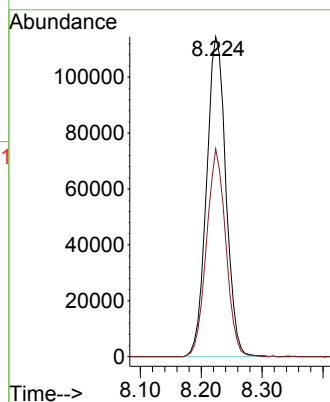
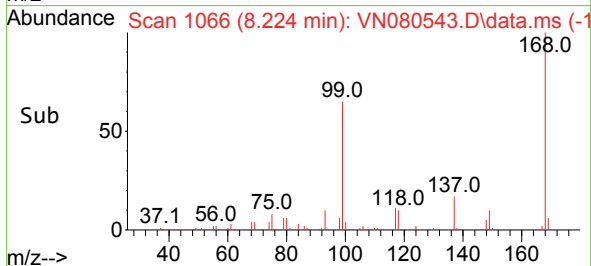


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080543.D
Acq: 20 Dec 2023 13:45

Instrument :
MSVOA_N
ClientSampleId :

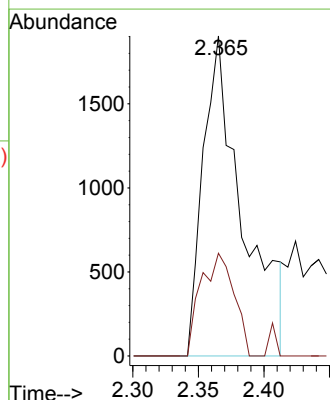
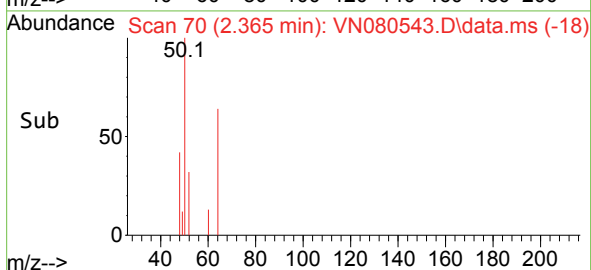
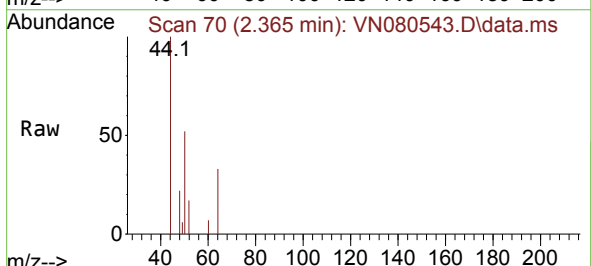


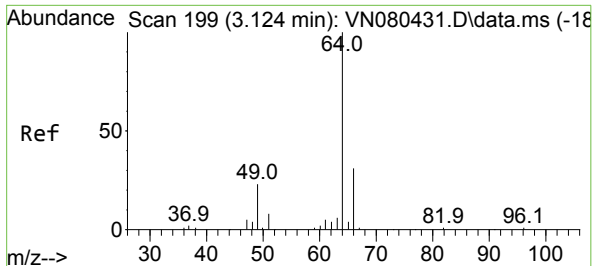
Tgt Ion:168 Resp: 252289
Ion Ratio Lower Upper
168 100
99 65.0 53.0 79.6



#3
Chloromethane
Concen: 0.783 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080543.D
Acq: 20 Dec 2023 13:45

Tgt Ion: 50 Resp: 3979
Ion Ratio Lower Upper
50 100
52 32.1 26.5 39.7

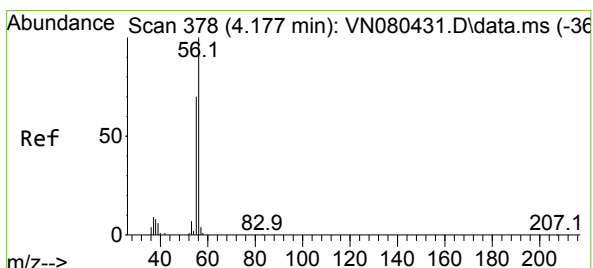
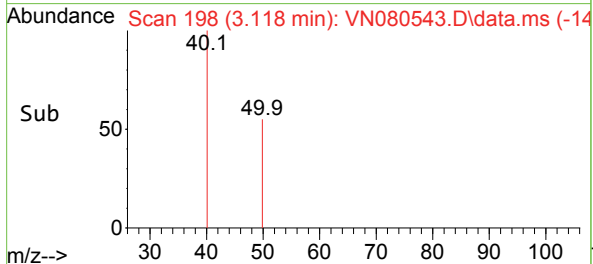
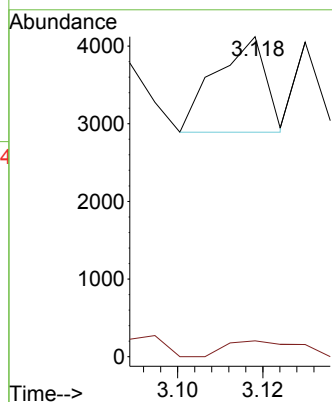
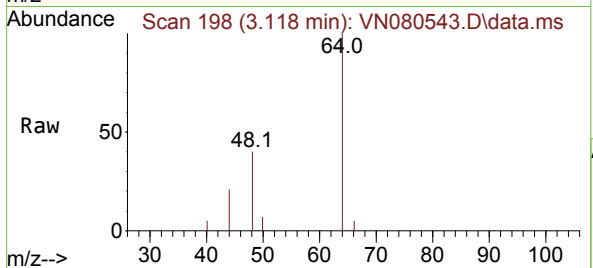




#6
Chloroethane
Concen: 0.569 ug/l
RT: 3.118 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN080543.D
Acq: 20 Dec 2023 13:45

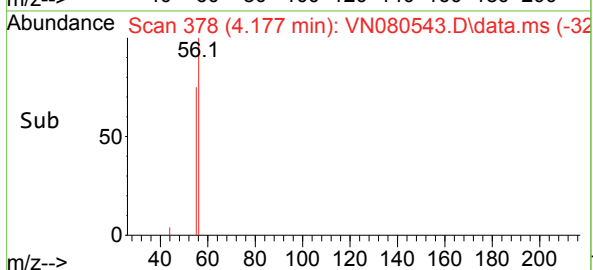
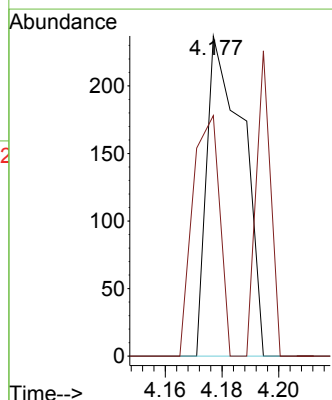
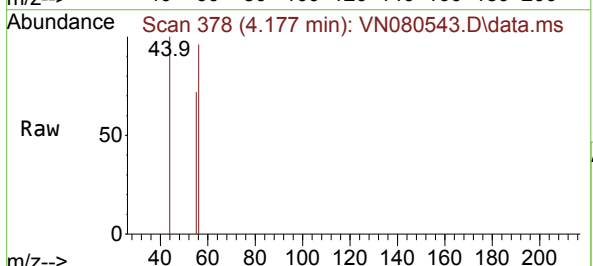
Instrument :
MSVOA_N
ClientSampleId :

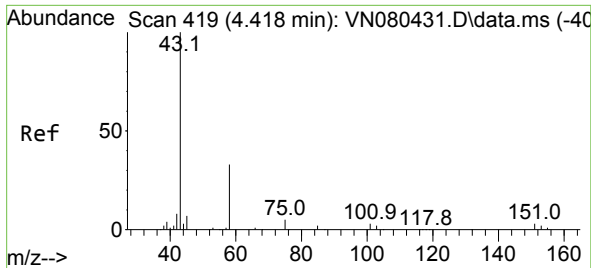
Tgt Ion: 64 Resp: 1007
Ion Ratio Lower Upper
64 100
66 16.5 25.4 38.2#



#13
Acrolein
Concen: 0.503 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN080543.D
Acq: 20 Dec 2023 13:45

Tgt Ion: 56 Resp: 209
Ion Ratio Lower Upper
56 100
55 56.0 54.5 81.7

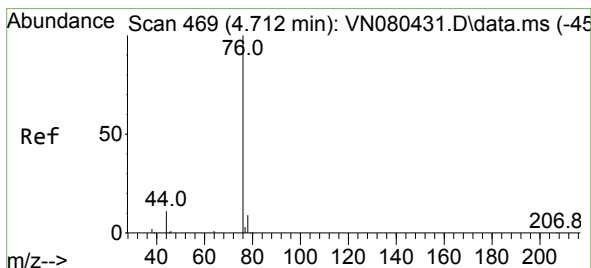
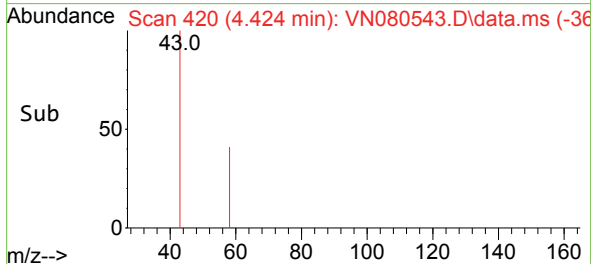
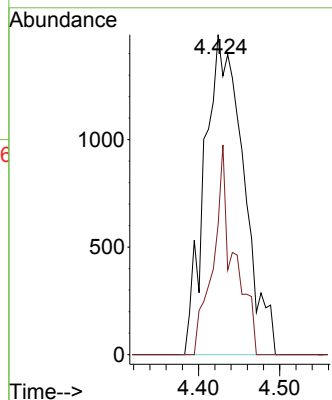
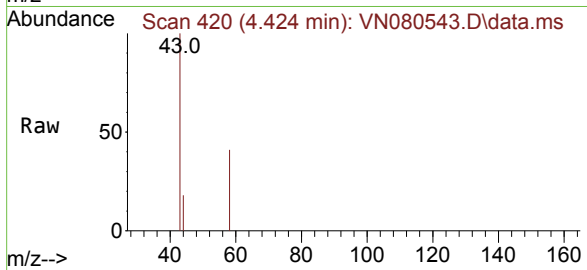




#16
Acetone
Concen: 8.611 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN080543.D
Acq: 20 Dec 2023 13:45

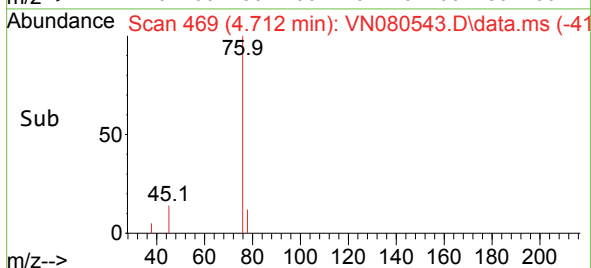
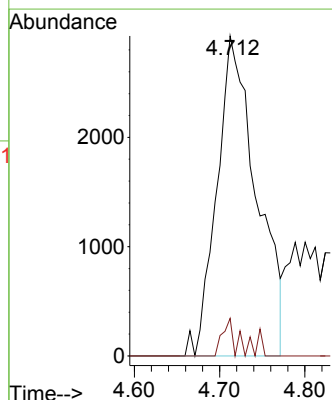
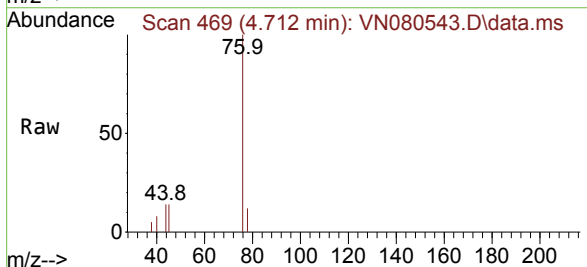
Instrument :
MSVOA_N
ClientSampleId :

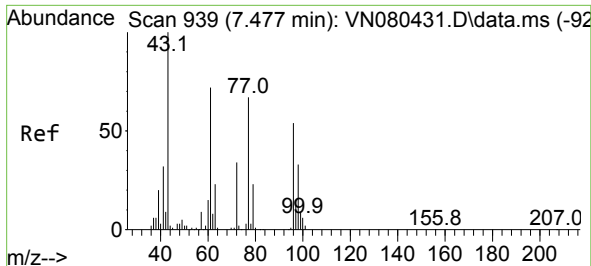
Tgt Ion: 43 Resp: 4920
Ion Ratio Lower Upper
43 100
58 40.5 28.0 42.0



#17
Carbon Disulfide
Concen: 1.232 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080543.D
Acq: 20 Dec 2023 13:45

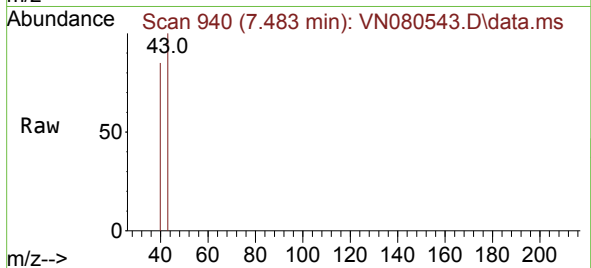
Tgt Ion: 76 Resp: 9472
Ion Ratio Lower Upper
76 100
78 11.7 7.4 11.0#



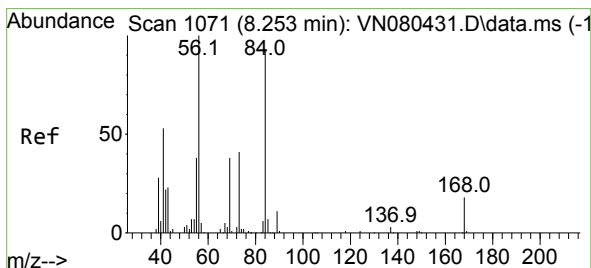
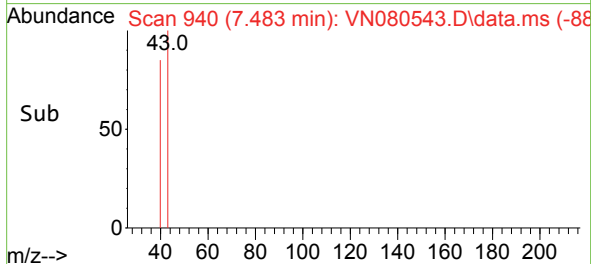
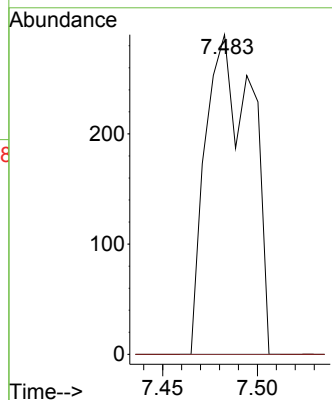


#25
2-Butanone
Concen: 0.444 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080543.D
Acq: 20 Dec 2023 13:45

Instrument :
MSVOA_N
ClientSampleId :

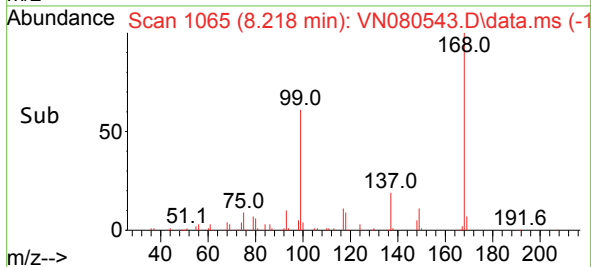
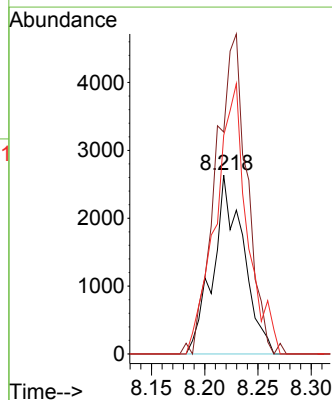
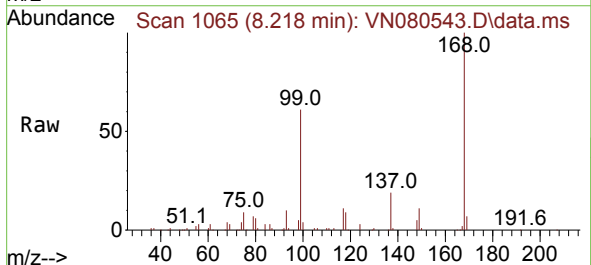


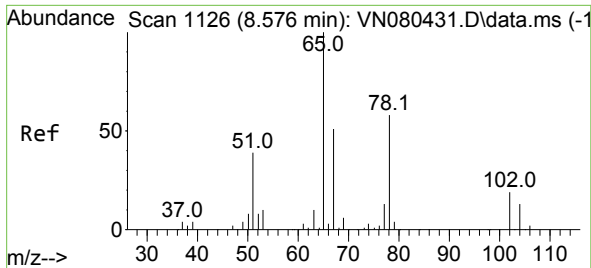
Tgt Ion: 43 Resp: 489
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#31
Cyclohexane
Concen: 1.193 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN080543.D
Acq: 20 Dec 2023 13:45

Tgt Ion: 56 Resp: 5228
Ion Ratio Lower Upper
56 100
69 124.0 26.8 40.2#
84 122.2 81.8 122.6

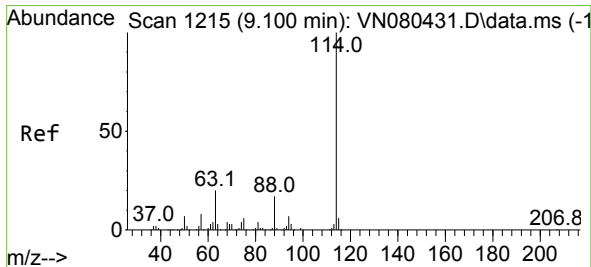
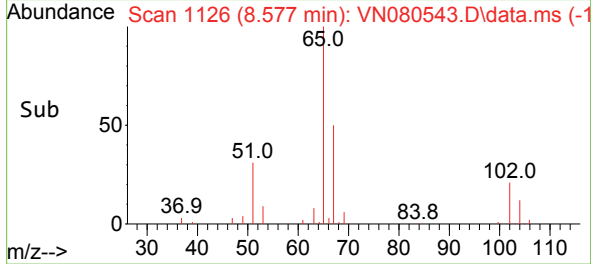
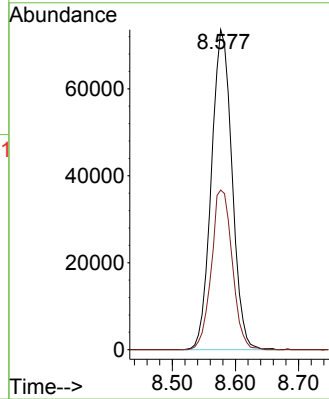
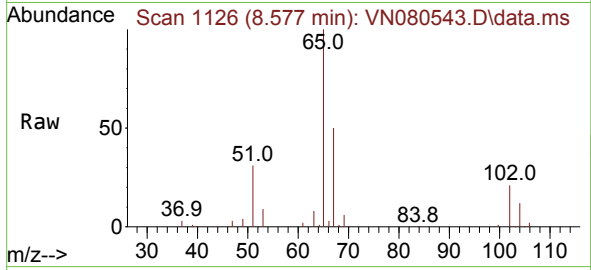




#33
 1,2-Dichloroethane-d4
 Concen: 51.862 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN080543.D
 Acq: 20 Dec 2023 13:45

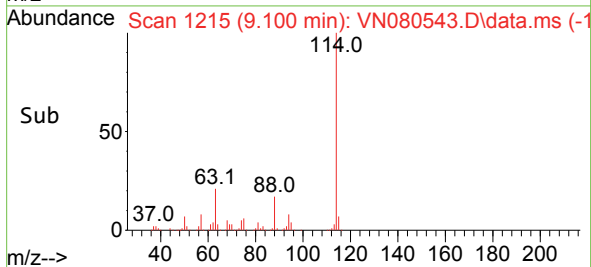
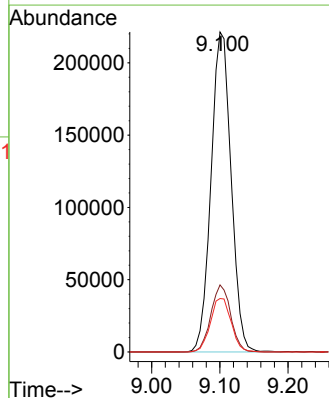
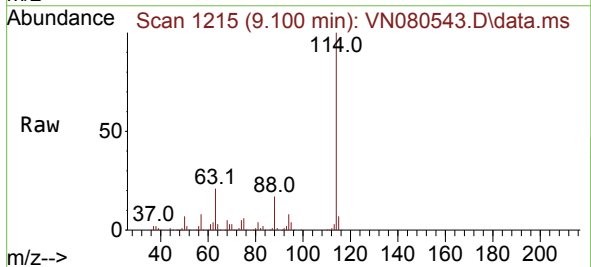
Instrument :
 MSVOA_N
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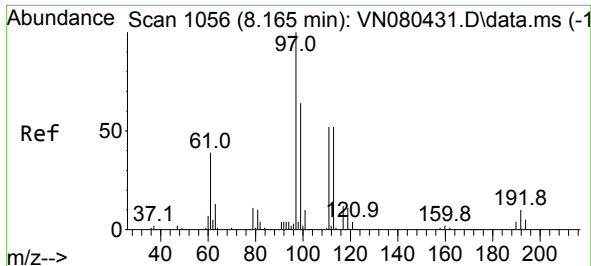
Tgt Ion: 65 Resp: 167115
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN080543.D
 Acq: 20 Dec 2023 13:45

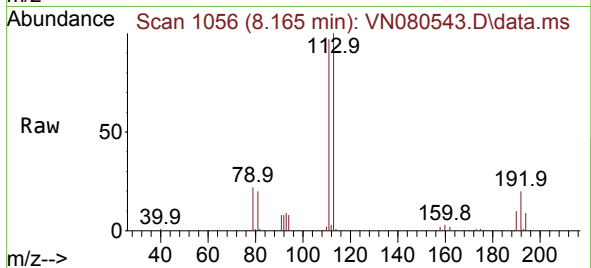
Tgt Ion: 114 Resp: 453642
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 36.4
 88 16.7 0.0 30.6



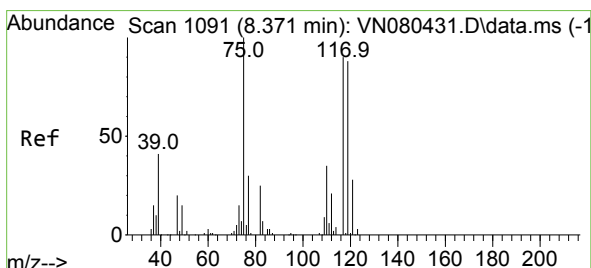
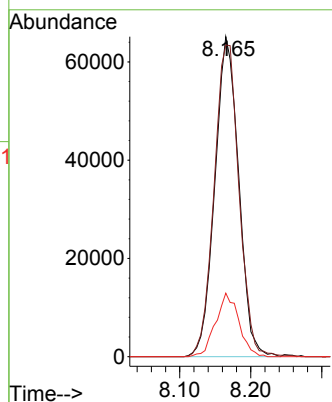
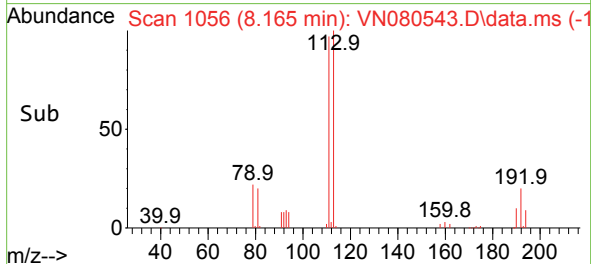


#35
 Dibromofluoromethane
 Concen: 52.727 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN080543.D
 Acq: 20 Dec 2023 13:45

Instrument :
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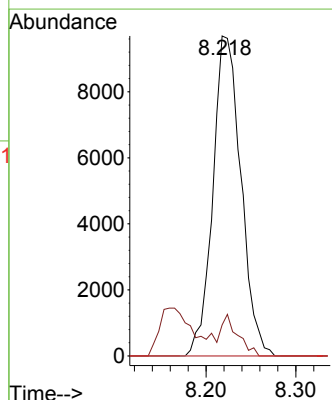
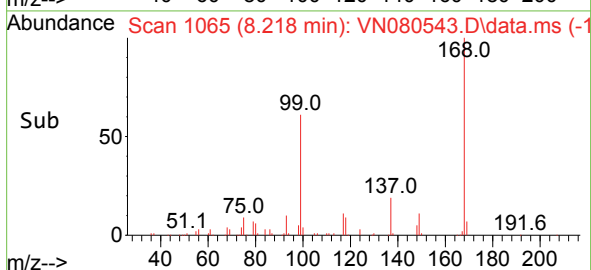
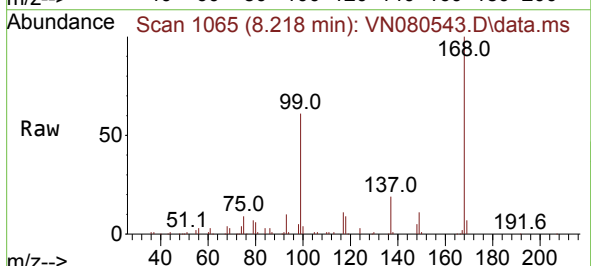


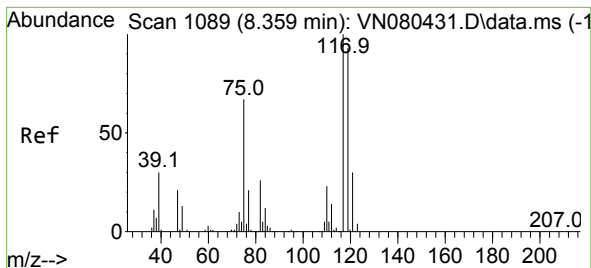
Tgt Ion:113 Resp: 151656
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.6 123.8
 192 19.4 12.7 19.1#



#36
 1,1-Dichloropropene
 Concen: 4.476 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.153 min
 Lab File: VN080543.D
 Acq: 20 Dec 2023 13:45

Tgt Ion: 75 Resp: 21052
 Ion Ratio Lower Upper
 75 100
 110 7.5 19.1 57.3#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 4.939 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

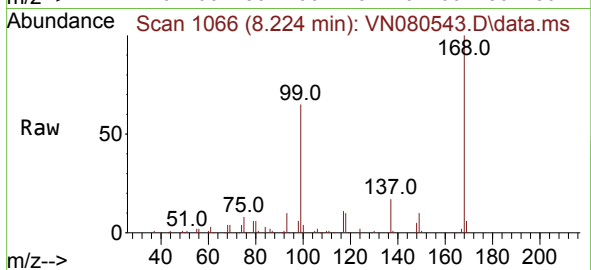
Lab File: VN080543.D

Acq: 20 Dec 2023 13:45

Instrument :

MSVOA_N

ClientSampleId :



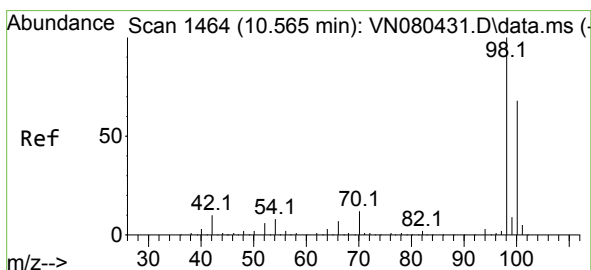
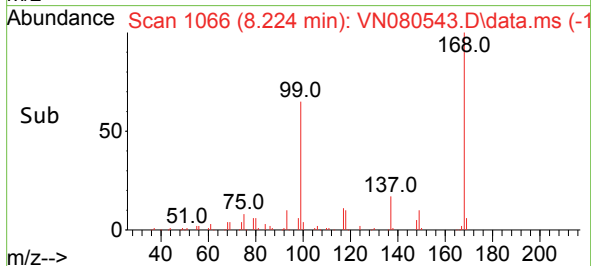
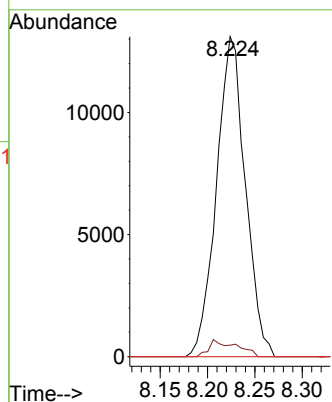
Tgt Ion:117 Resp: 27753

Ion Ratio Lower Upper

117 100

119 3.6 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 49.899 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080543.D

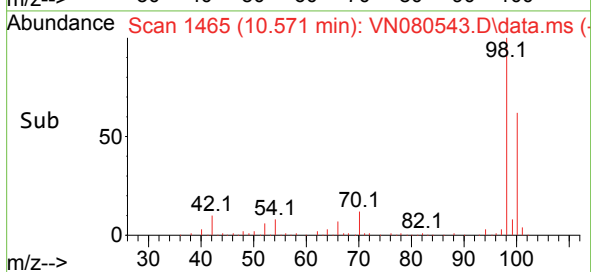
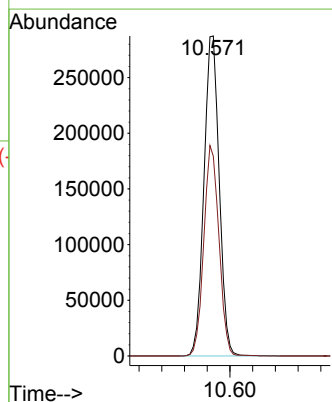
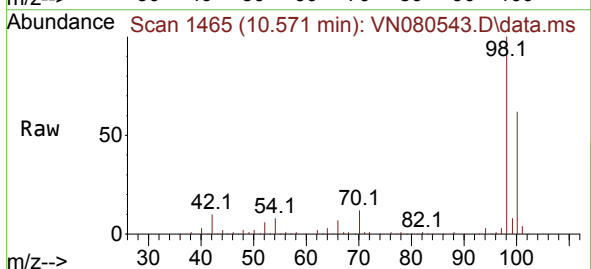
Acq: 20 Dec 2023 13:45

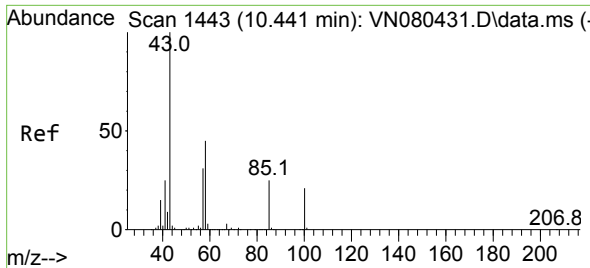
Tgt Ion: 98 Resp: 535269

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

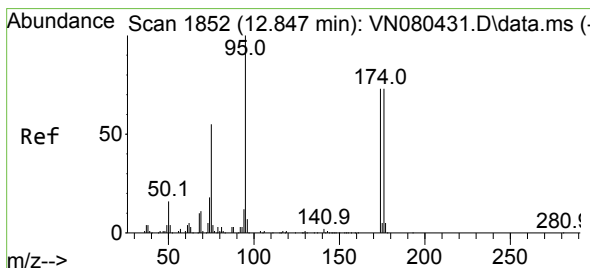
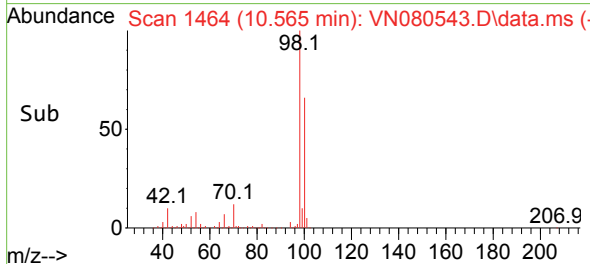
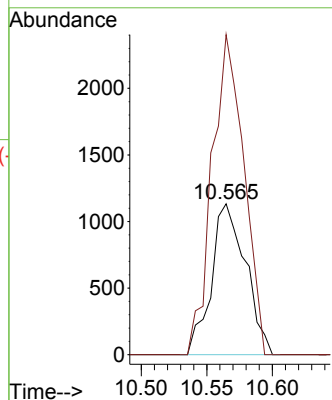
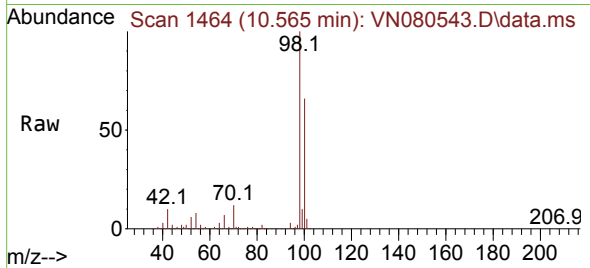




#51
4-Methyl-2-Pentanone
Concen: 0.705 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.124 min
Lab File: VN080543.D
Acq: 20 Dec 2023 13:45

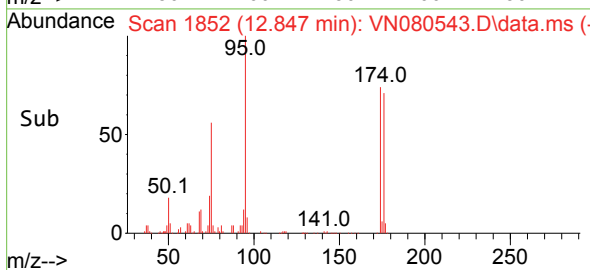
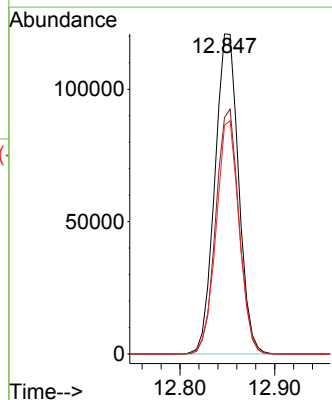
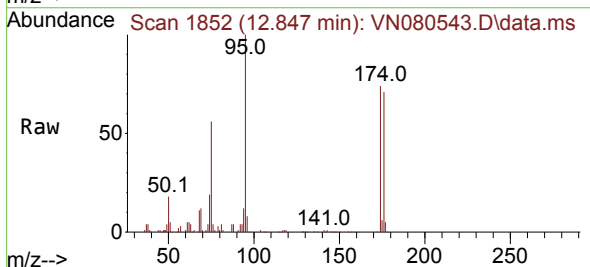
Instrument :
MSVOA_N
ClientSampleId :

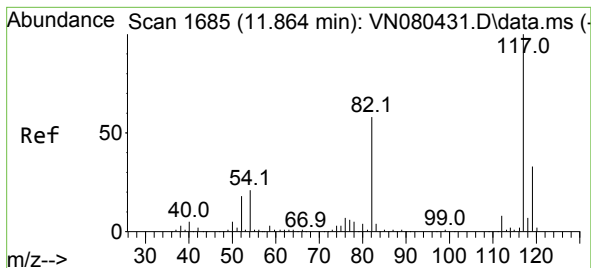
Tgt Ion: 43 Resp: 2056
Ion Ratio Lower Upper
43 100
58 198.0 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 51.663 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080543.D
Acq: 20 Dec 2023 13:45

Tgt Ion: 95 Resp: 210442
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 70.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080543.D

Acq: 20 Dec 2023 13:45

Instrument :

MSVOA_N

ClientSampleId :

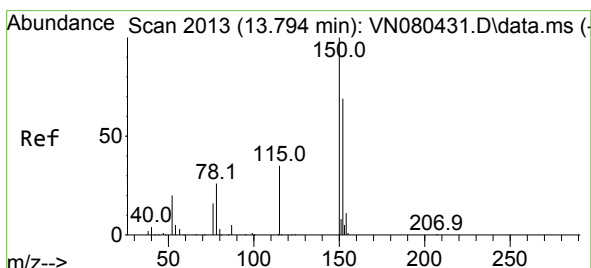
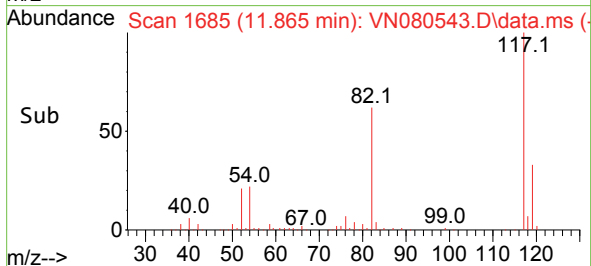
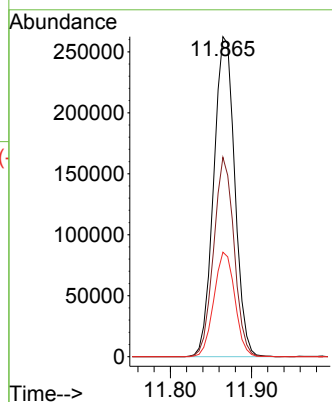
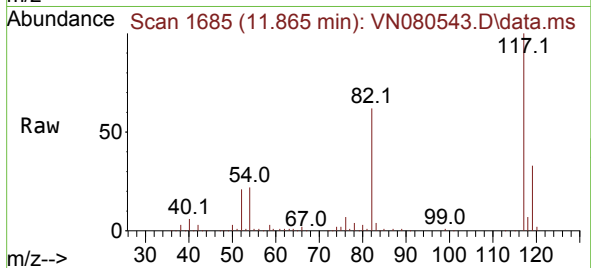
Tgt Ion:117 Resp: 473100

Ion Ratio Lower Upper

117 100

82 62.3 44.0 66.0

119 32.6 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: VN080543.D

Acq: 20 Dec 2023 13:45

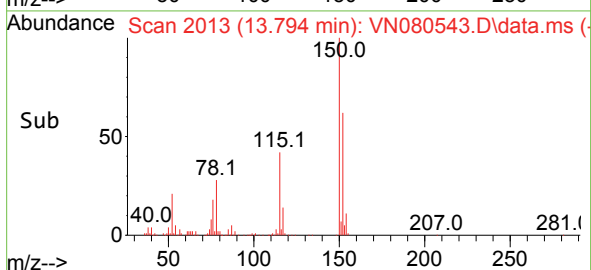
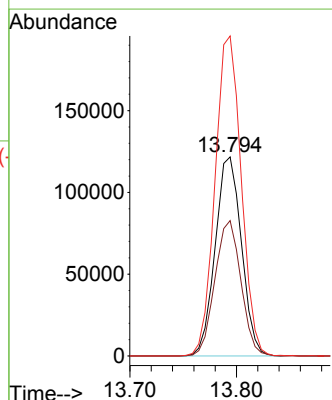
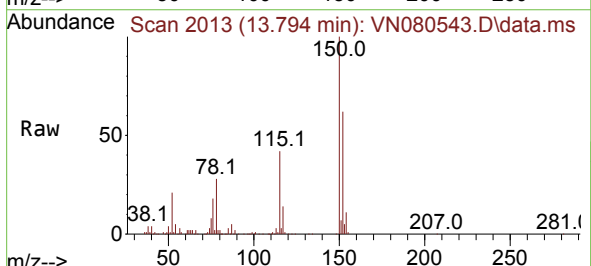
Tgt Ion:152 Resp: 208317

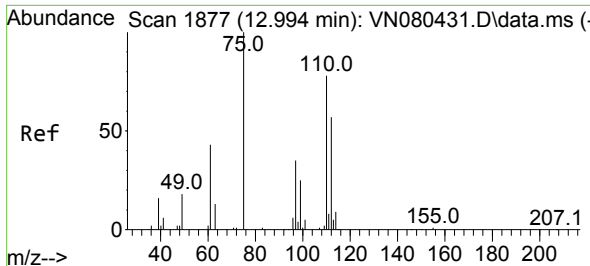
Ion Ratio Lower Upper

152 100

115 67.3 32.3 96.8

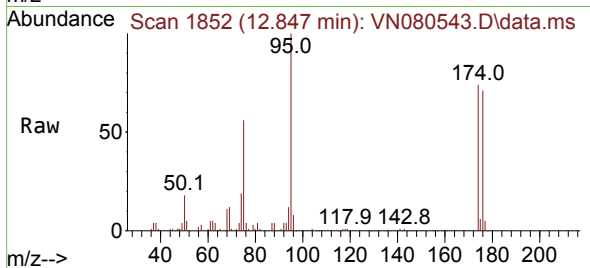
150 160.1 0.0 355.8



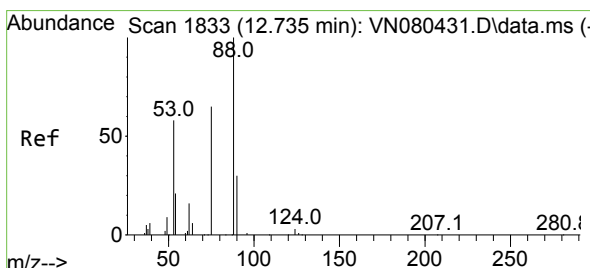
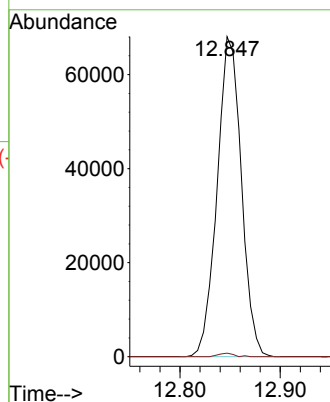
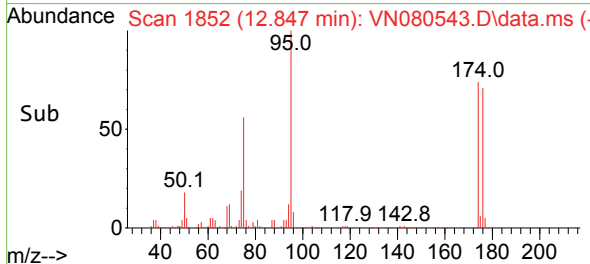


#76
1,2,3-Trichloropropane
Concen: 27.453 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080543.D
Acq: 20 Dec 2023 13:45

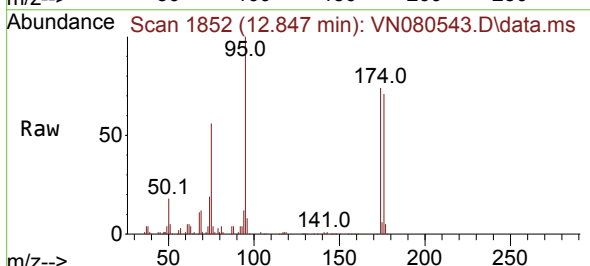
Instrument :
MSVOA_N
ClientSampleId :



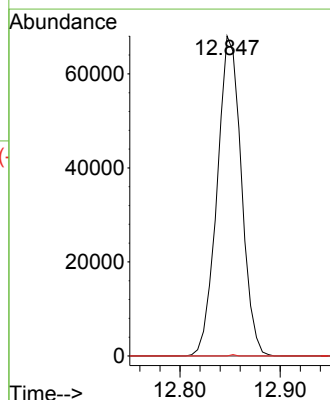
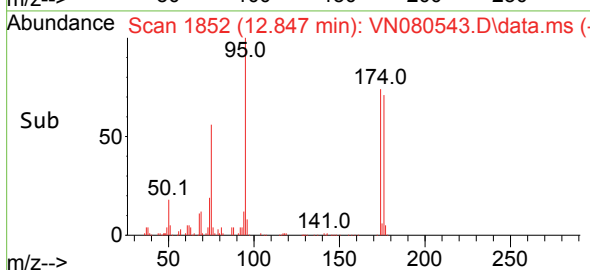
Tgt Ion: 75 Resp: 114089
Ion Ratio Lower Upper
75 100
77 0.7 84.5 253.5#

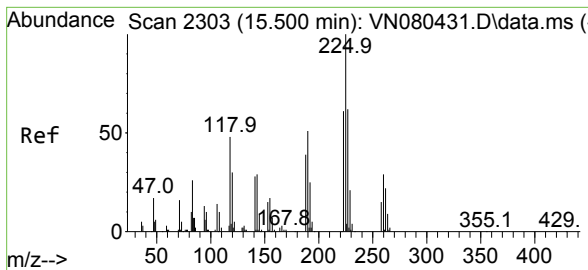


#81
trans-1,4-Dichloro-2-butene
Concen: 72.079 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080543.D
Acq: 20 Dec 2023 13:45



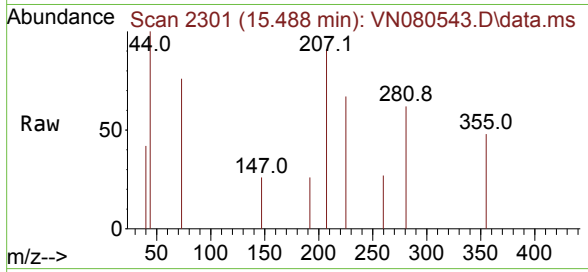
Tgt Ion: 75 Resp: 114089
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#





#94
 Hexachlorobutadiene
 Concen: 0.234 ug/l
 RT: 15.488 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN080543.D
 Acq: 20 Dec 2023 13:45

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	225	Resp:	509
Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.3	93.8#
227	27.7	31.9	95.9#

