

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080527.D
 Acq On : 19 Dec 2023 17:56
 Operator : JC\MD
 Sample : 05874-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 04:05:30 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)

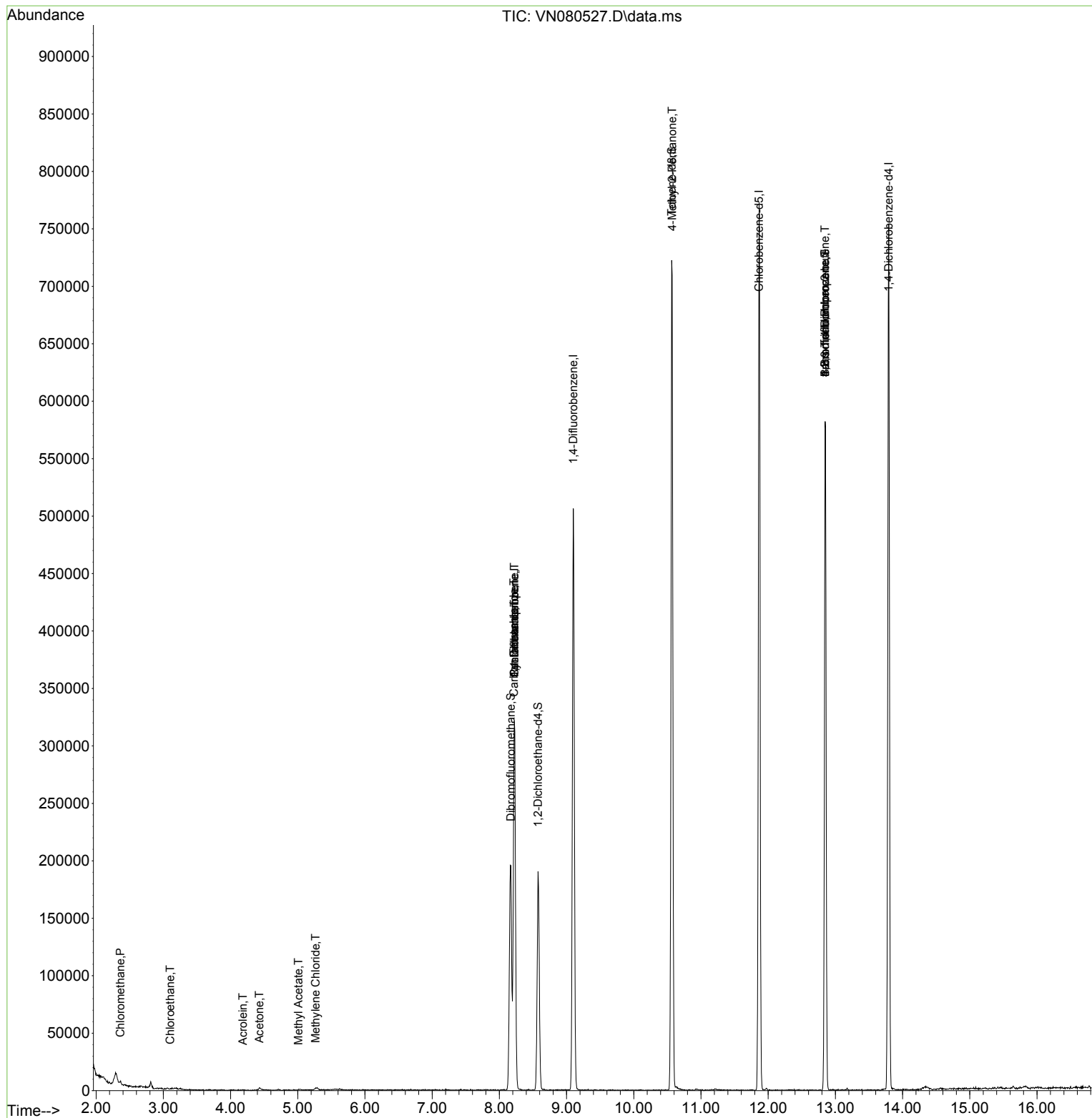
Internal Standards						
1) Pentafluorobenzene	8.224	168	230316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	434602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	450939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	165544	56.276	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.560%	
35) Dibromofluoromethane	8.171	113	142392	51.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.340%	
50) Toluene-d8	10.565	98	514724	50.086	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.180%	
62) 4-Bromofluorobenzene	12.847	95	213320	54.664	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.320%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	2500	0.411	ug/l	96
6) Chloroethane	3.100	64	419	0.259	ug/l #	43
13) Acrolein	4.183	56	126	0.332	ug/l #	73
16) Acetone	4.430	43	3060	5.867	ug/l #	72
18) Methyl Acetate	5.012	43	674	0.201	ug/l #	63
20) Methylene Chloride	5.265	84	974	0.349	ug/l #	69
31) Cyclohexane	8.224	56	4887	1.222	ug/l #	41
36) 1,1-Dichloropropene	8.224	75	19930	4.423	ug/l #	48
38) Carbon Tetrachloride	8.218	117	26753	4.969	ug/l #	15
51) 4-Methyl-2-Pentanone	10.570	43	2006	0.718	ug/l #	1
71) Bromoform	12.847	173	669	0.233	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	111094	27.177	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	111094	71.356	ug/l #	15

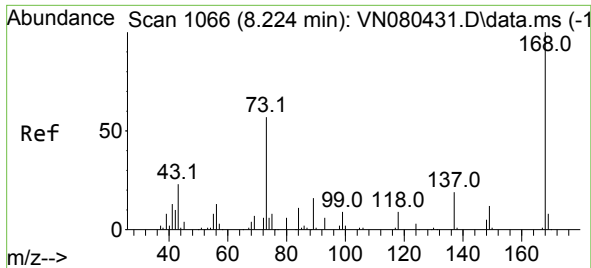
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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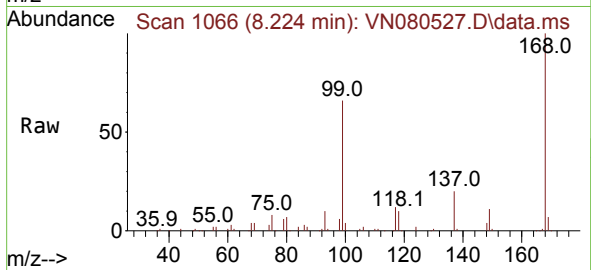
Quant Time: Dec 20 04:05:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration



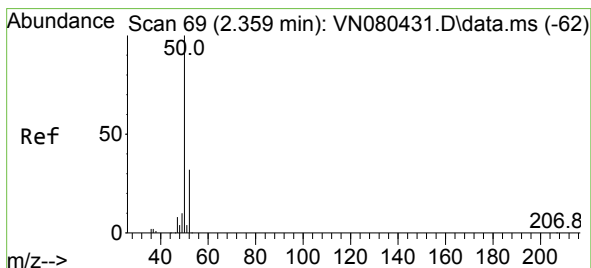
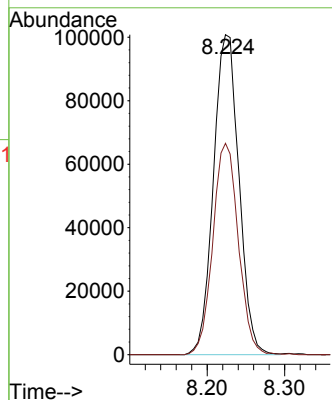
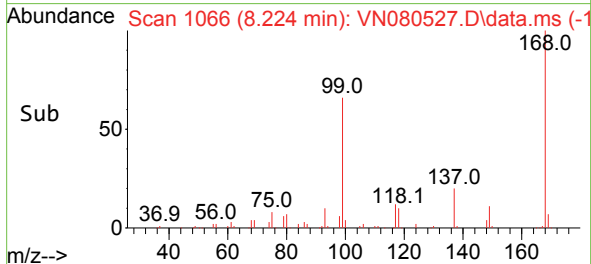


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080527.D
Acq: 19 Dec 2023 17:56

Instrument :
MSVOA_N
ClientSampleId :

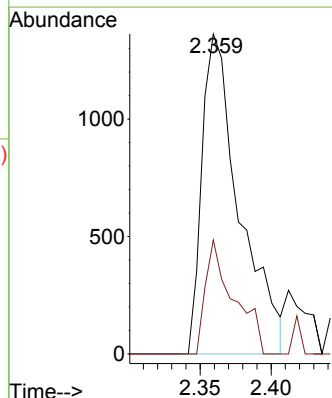
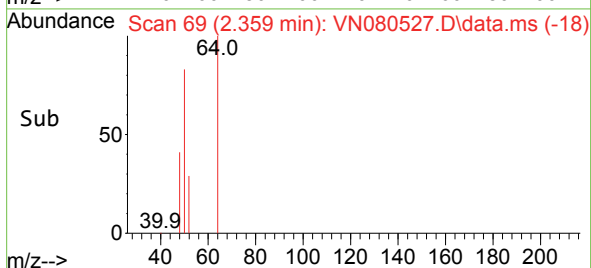
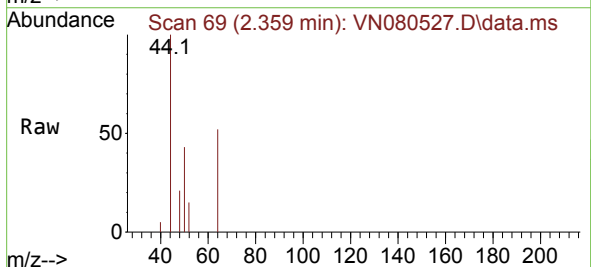


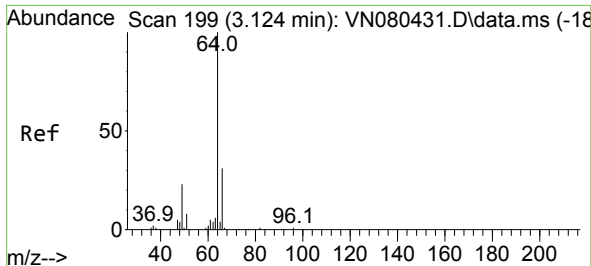
Tgt Ion:168 Resp: 230316
Ion Ratio Lower Upper
168 100
99 66.1 53.0 79.6



#3
Chloromethane
Concen: 0.411 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080527.D
Acq: 19 Dec 2023 17:56

Tgt Ion: 50 Resp: 2500
Ion Ratio Lower Upper
50 100
52 35.6 26.5 39.7

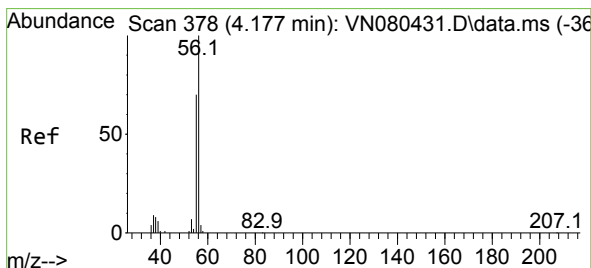
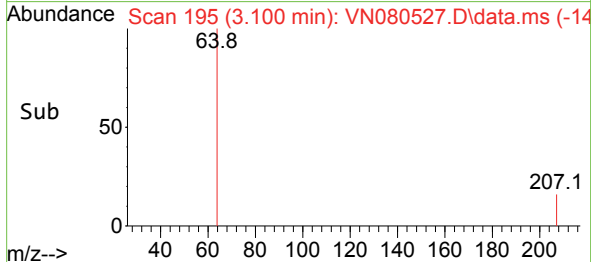
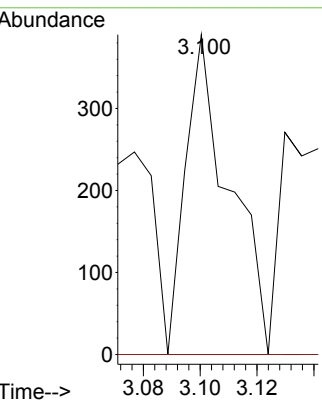
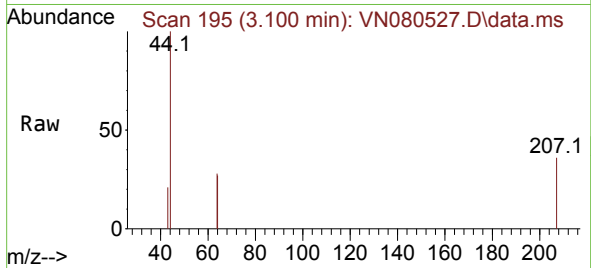




#6
Chloroethane
Concen: 0.259 ug/l
RT: 3.100 min Scan# 199
Delta R.T. -0.023 min
Lab File: VN080527.D
Acq: 19 Dec 2023 17:56

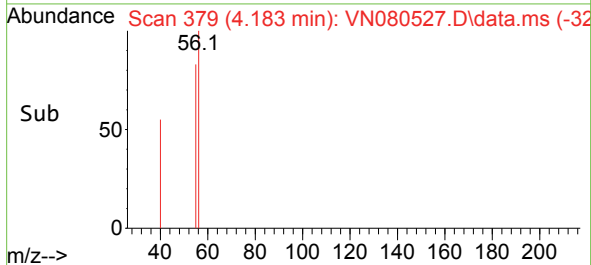
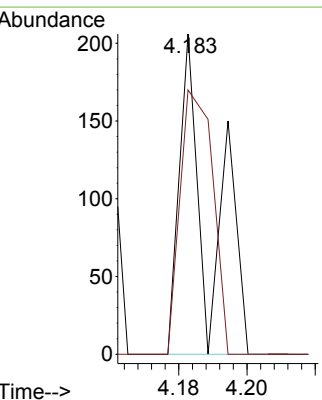
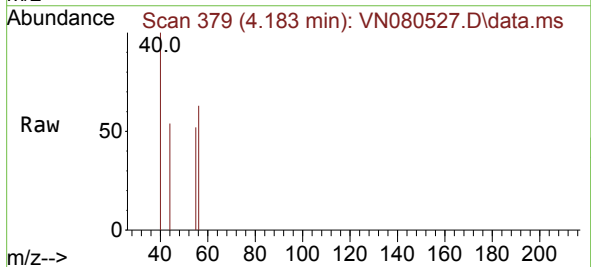
Instrument :
MSVOA_N
ClientSampleId :

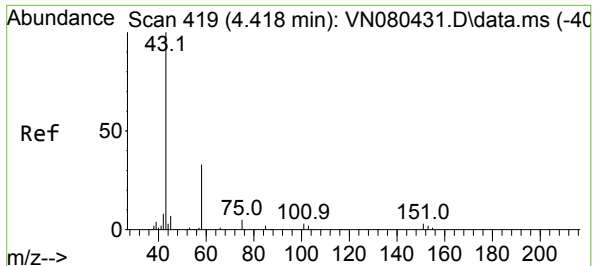
Tgt Ion: 64 Resp: 419
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#13
Acrolein
Concen: 0.332 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN080527.D
Acq: 19 Dec 2023 17:56

Tgt Ion: 56 Resp: 126
Ion Ratio Lower Upper
56 100
55 89.7 54.5 81.7#

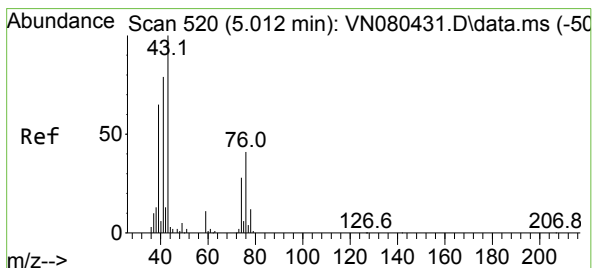
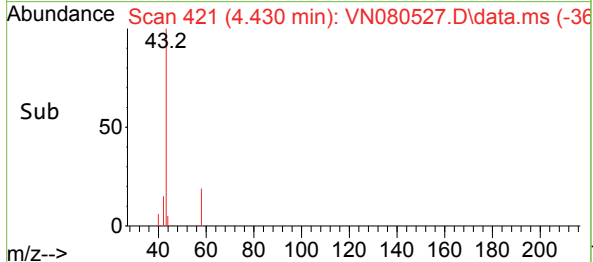
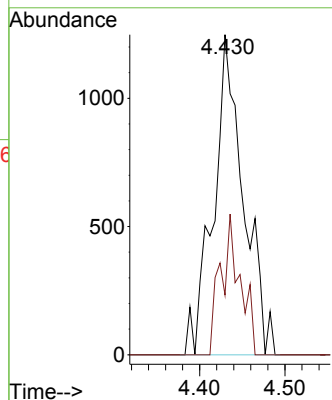
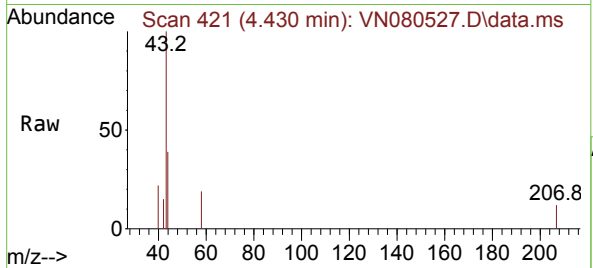




#16
Acetone
Concen: 5.867 ug/l
RT: 4.430 min Scan# 419
Delta R.T. 0.012 min
Lab File: VN080527.D
Acq: 19 Dec 2023 17:56

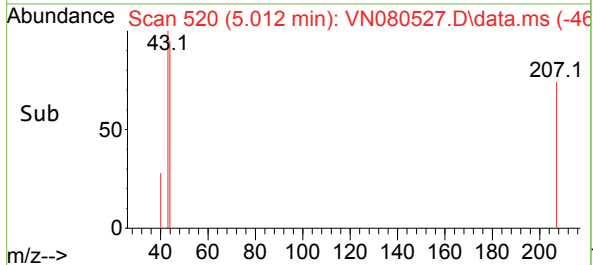
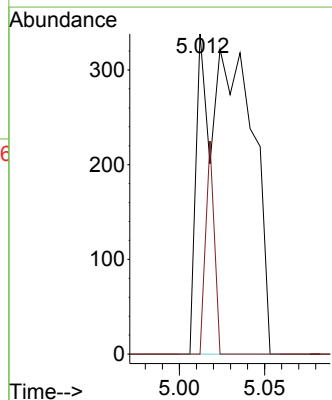
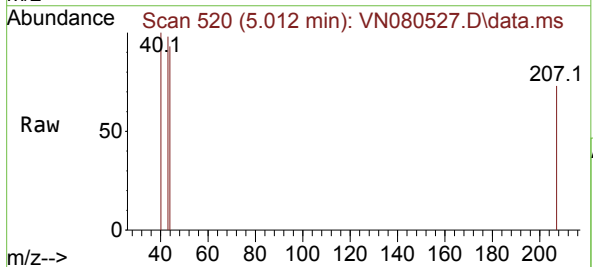
Instrument :
MSVOA_N
ClientSampleId :

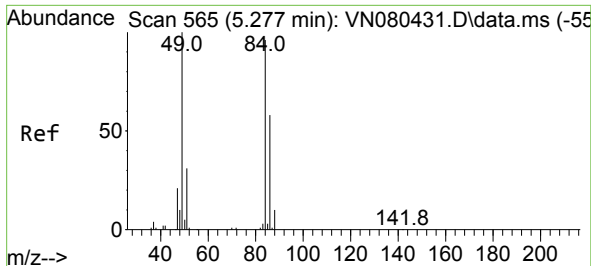
Tgt Ion: 43 Resp: 3060
Ion Ratio Lower Upper
43 100
58 18.7 28.0 42.0#



#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN080527.D
Acq: 19 Dec 2023 17:56

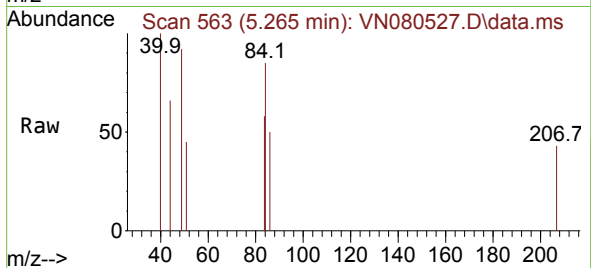
Tgt Ion: 43 Resp: 674
Ion Ratio Lower Upper
43 100
74 11.7 26.2 39.4#





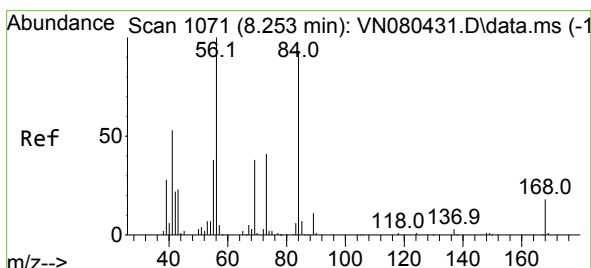
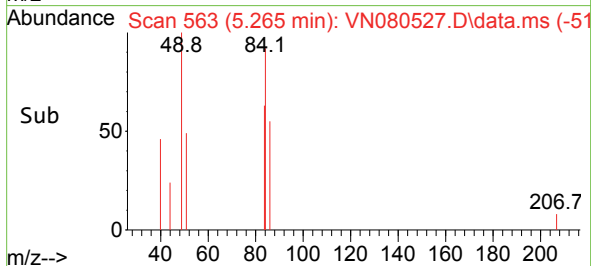
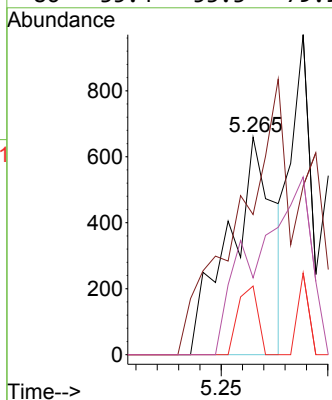
#20
Methylene Chloride
Concen: 0.349 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN080527.D
Acq: 19 Dec 2023 17:56

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 974

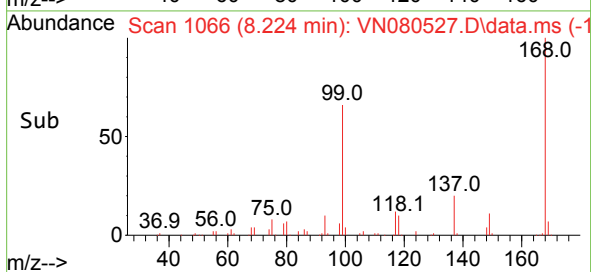
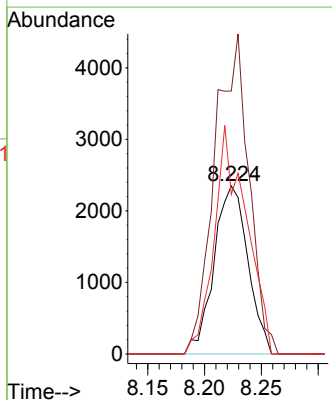
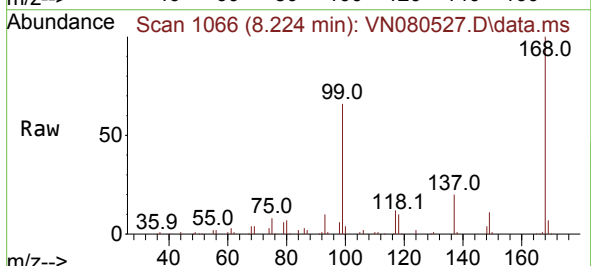
Ion	Ratio	Lower	Upper
84	100		
49	64.5	79.7	119.5#
51	31.6	25.2	37.8
86	35.4	53.3	79.9#

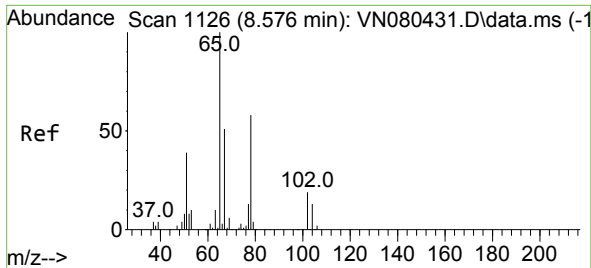


#31
Cyclohexane
Concen: 1.222 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN080527.D
Acq: 19 Dec 2023 17:56

Tgt Ion: 56 Resp: 4887

Ion	Ratio	Lower	Upper
56	100		
69	156.6	26.8	40.2#
84	95.1	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 56.276 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080527.D

Acq: 19 Dec 2023 17:56

Instrument :

MSVOA_N

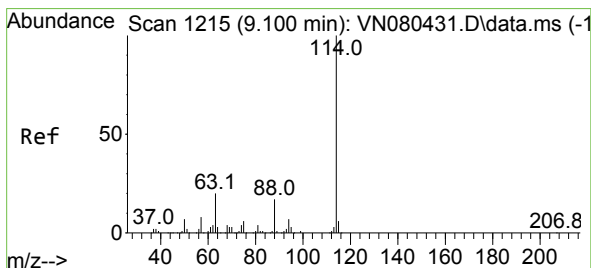
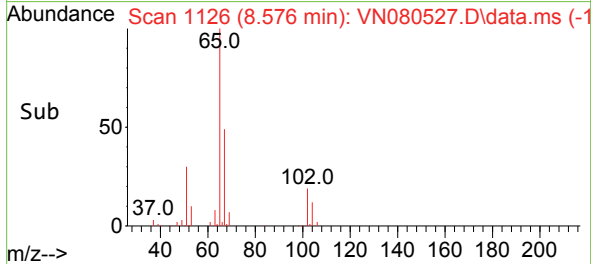
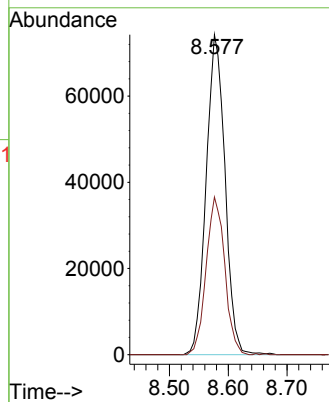
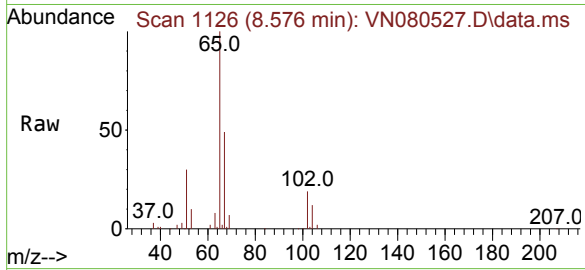
ClientSampleId :

Tgt Ion: 65 Resp: 165544

Ion Ratio Lower Upper

65 100

67 48.7 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: VN080527.D

Acq: 19 Dec 2023 17:56

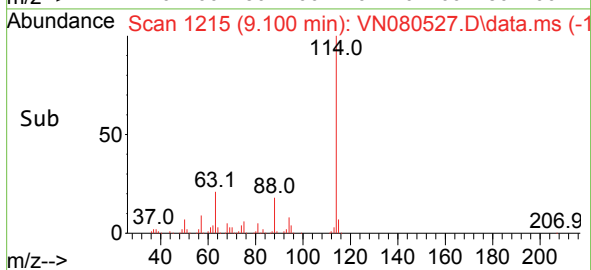
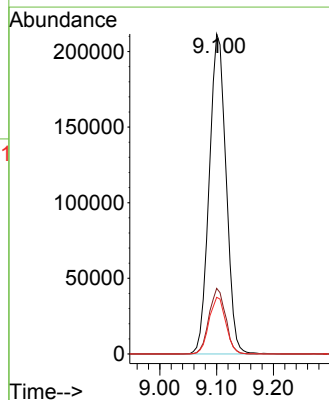
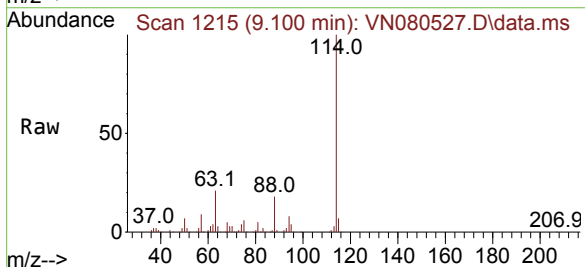
Tgt Ion: 114 Resp: 434602

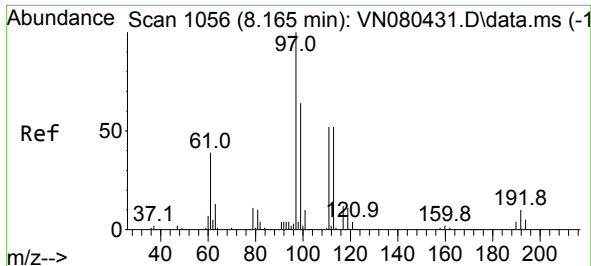
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

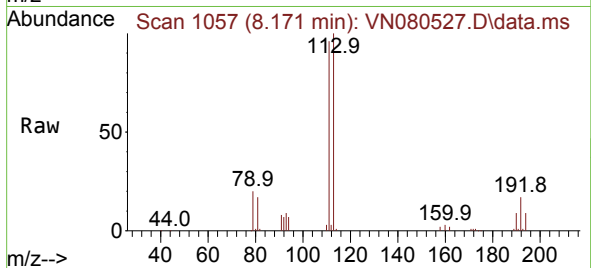
88 17.7 0.0 30.6



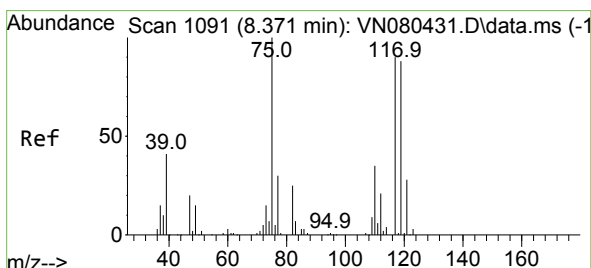
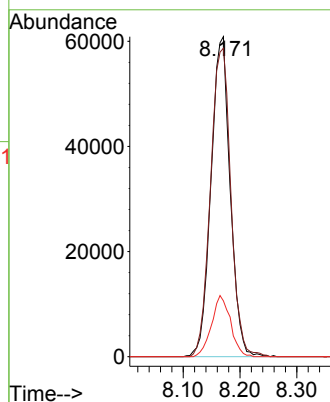
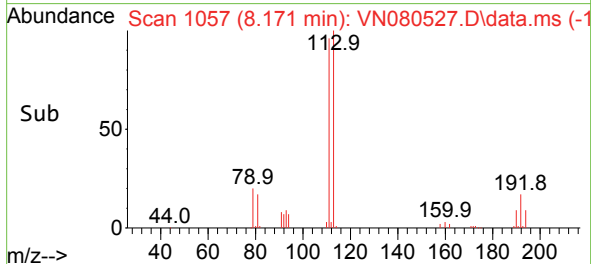


#35
Dibromofluoromethane
Concen: 51.675 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080527.D
Acq: 19 Dec 2023 17:56

Instrument :
MSVOA_N
ClientSampleId :

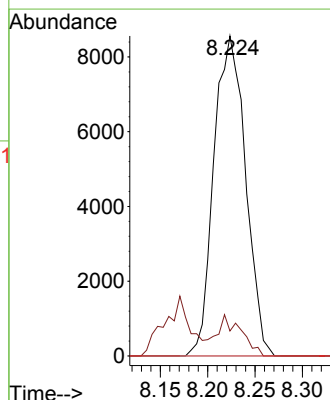
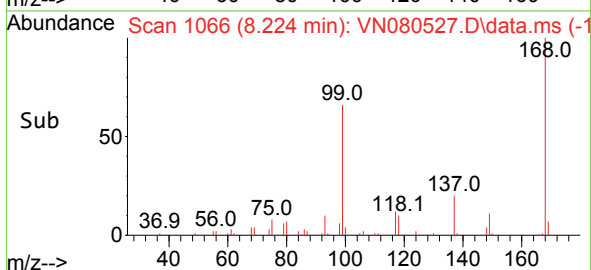
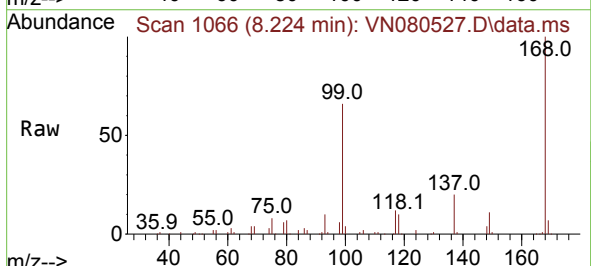


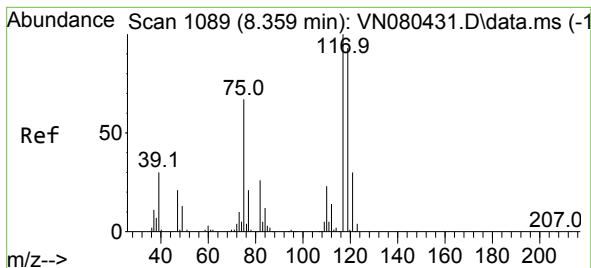
Tgt Ion:113 Resp: 142392
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 18.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.423 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080527.D
Acq: 19 Dec 2023 17:56

Tgt Ion: 75 Resp: 19930
Ion Ratio Lower Upper
75 100
110 9.6 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 4.969 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

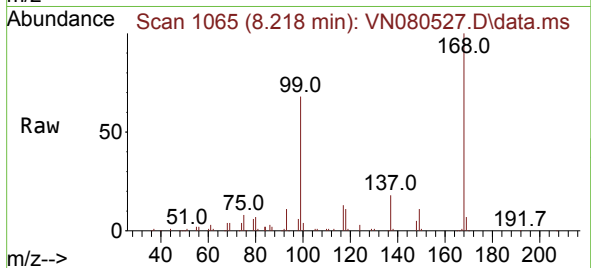
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Acq: 19 Dec 2023 17:56

Instrument :

MSVOA_N

ClientSampleId :



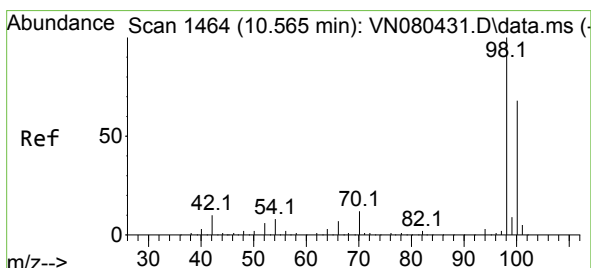
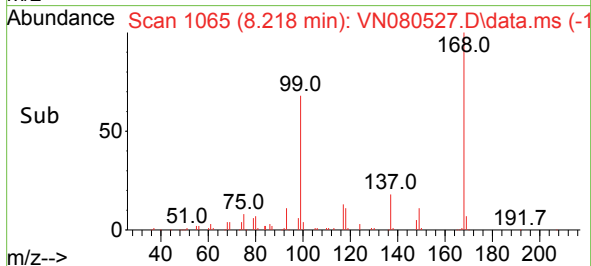
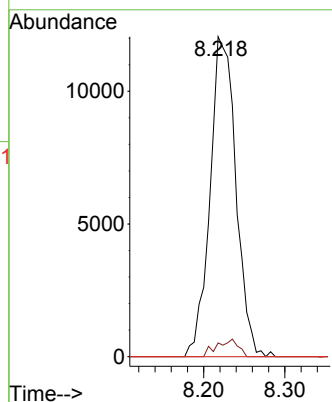
Tgt Ion:117 Resp: 26753

Ion Ratio Lower Upper

117 100

119 4.3 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 50.086 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080527.D

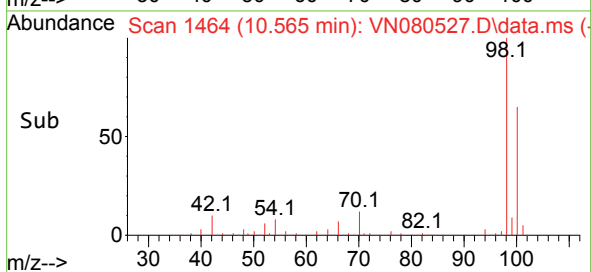
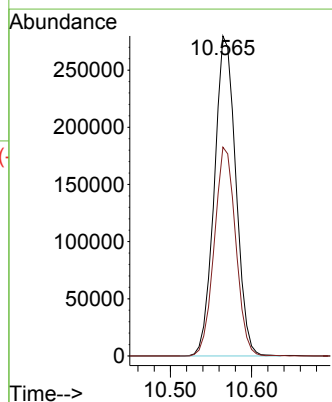
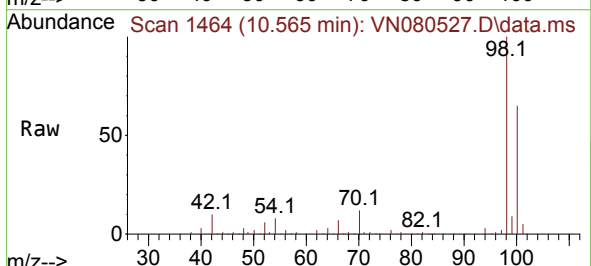
Acq: 19 Dec 2023 17:56

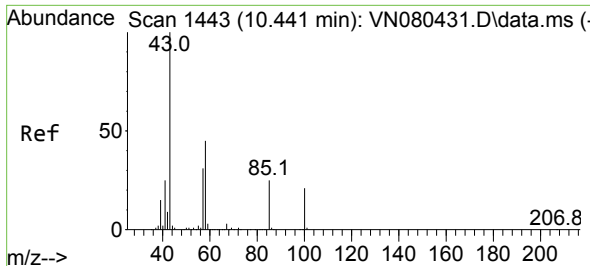
Tgt Ion: 98 Resp: 514724

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

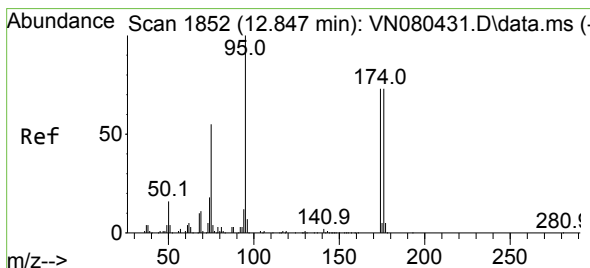
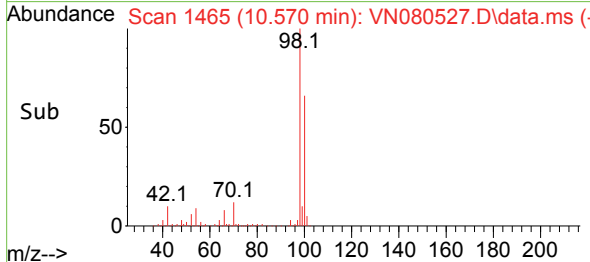
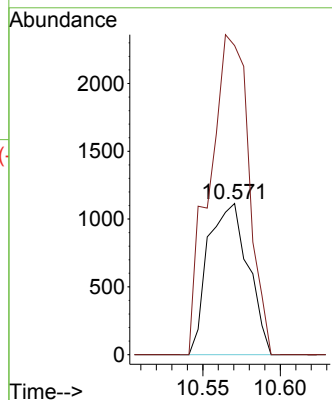
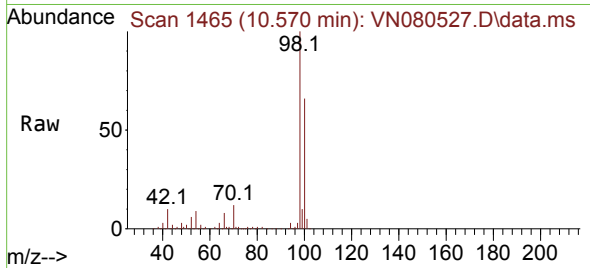




#51
4-Methyl-2-Pentanone
Concen: 0.718 ug/l
RT: 10.570 min Scan# 1443
Delta R.T. 0.129 min
Lab File: VN080527.D
Acq: 19 Dec 2023 17:56

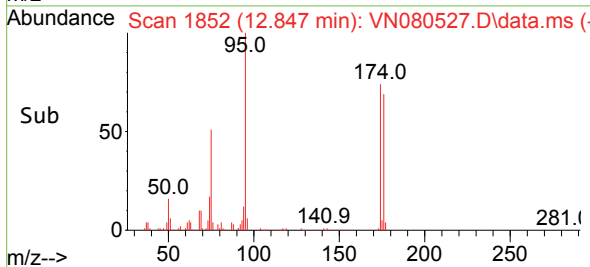
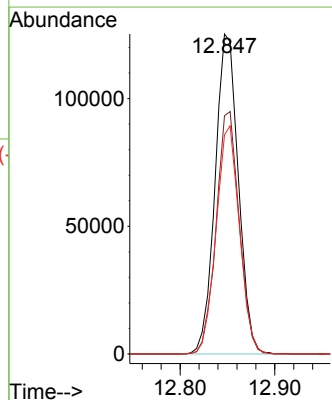
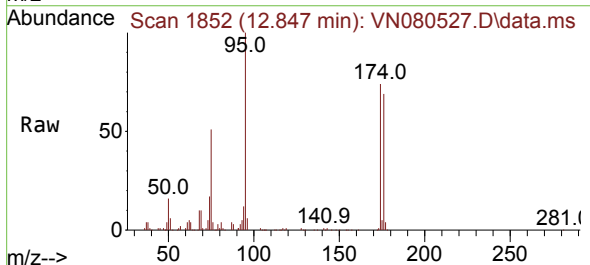
Instrument :
MSVOA_N
ClientSampleId :

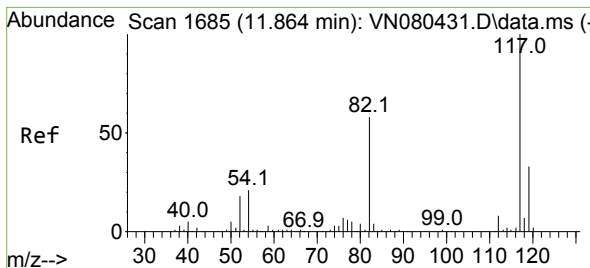
Tgt Ion: 43 Resp: 2006
Ion Ratio Lower Upper
43 100
58 208.3 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 54.664 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080527.D
Acq: 19 Dec 2023 17:56

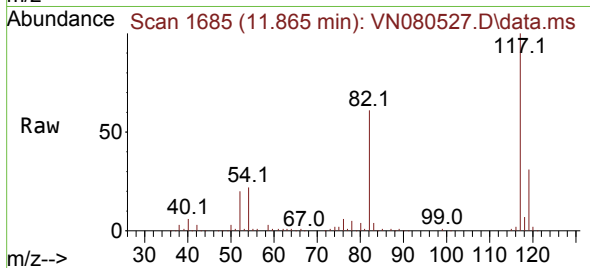
Tgt Ion: 95 Resp: 213320
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 71.5 0.0 135.8



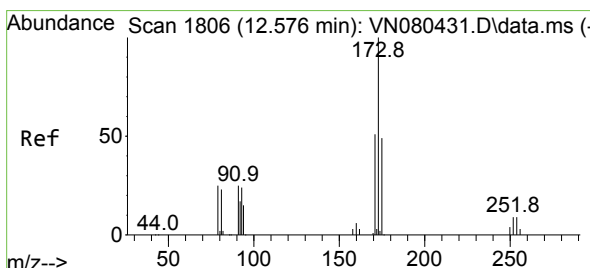
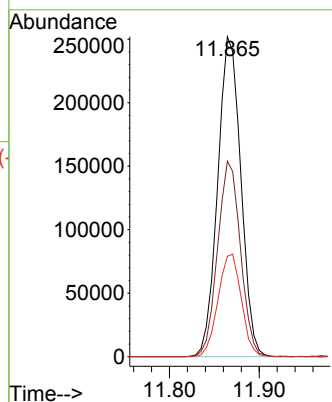
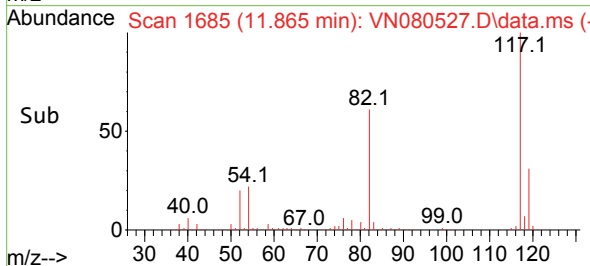


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080527.D
Acq: 19 Dec 2023 17:56

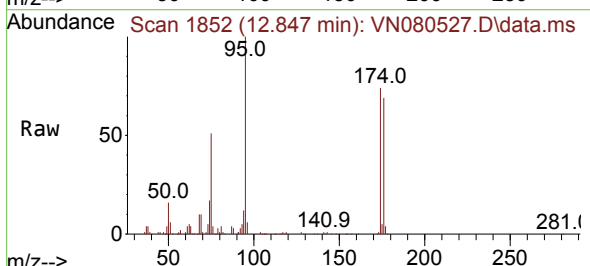
Instrument :
MSVOA_N
ClientSampleId :



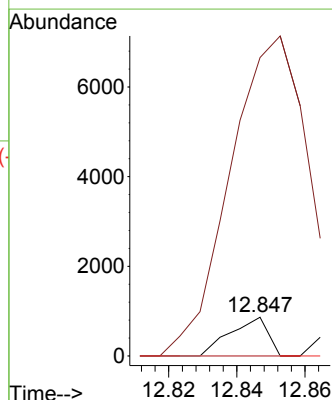
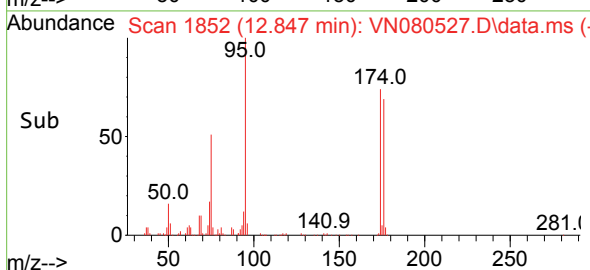
Tgt Ion:117 Resp: 450939
Ion Ratio Lower Upper
117 100
82 61.1 44.0 66.0
119 31.4 25.6 38.4

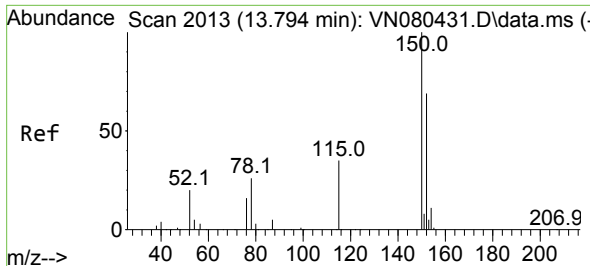


#71
Bromoform
Concen: 0.233 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN080527.D
Acq: 19 Dec 2023 17:56



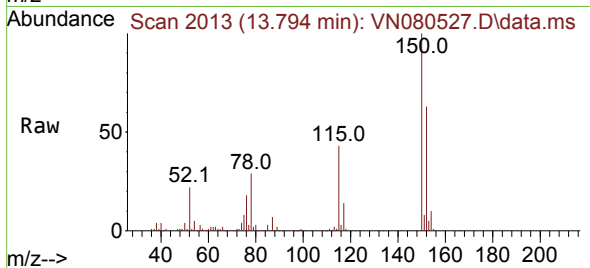
Tgt Ion:173 Resp: 669
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



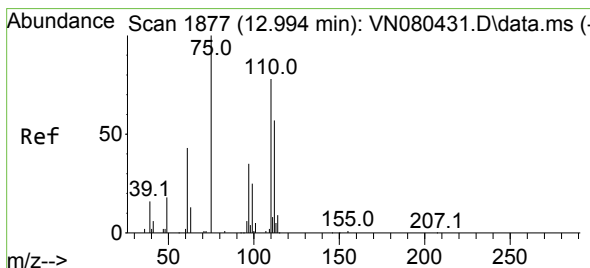
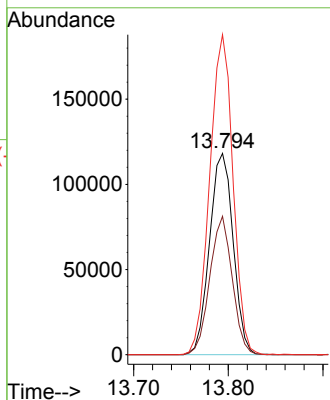
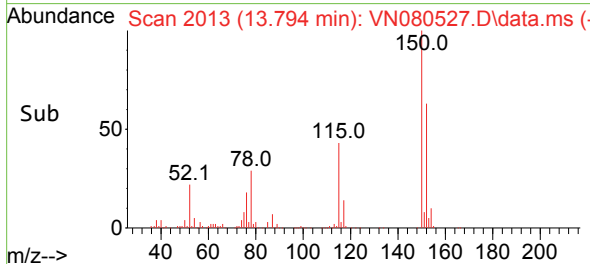


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080527.D
 Acq: 19 Dec 2023 17:56

Instrument :
 MSVOA_N
 ClientSampleId :

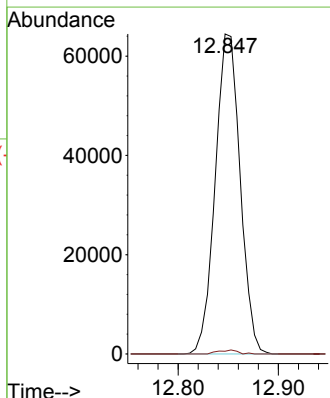
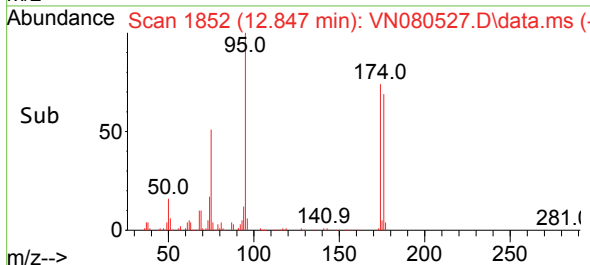
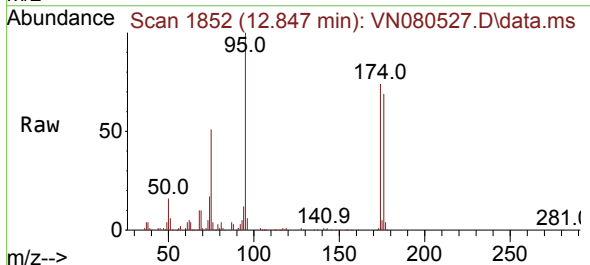


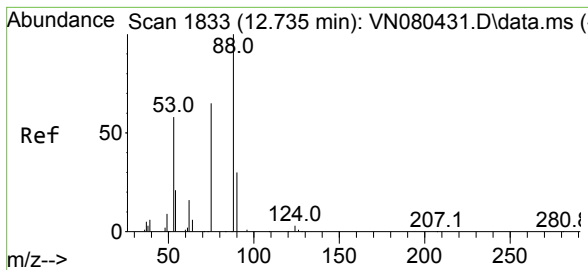
Tgt Ion:152 Resp: 204904
 Ion Ratio Lower Upper
 152 100
 115 65.1 32.3 96.8
 150 156.2 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 27.177 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN080527.D
 Acq: 19 Dec 2023 17:56

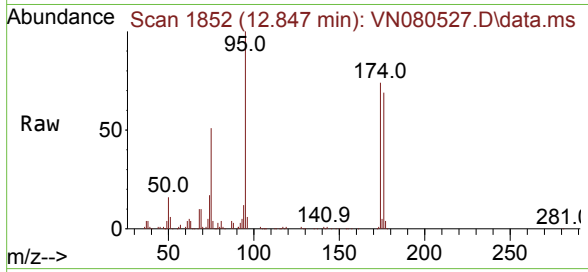
Tgt Ion: 75 Resp: 111094
 Ion Ratio Lower Upper
 75 100
 77 1.0 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.356 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN080527.D
 Acq: 19 Dec 2023 17:56

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 111094
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

