

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080528.D
 Acq On : 19 Dec 2023 18:20
 Operator : JC\MD
 Sample : 05872-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 04:05:55 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

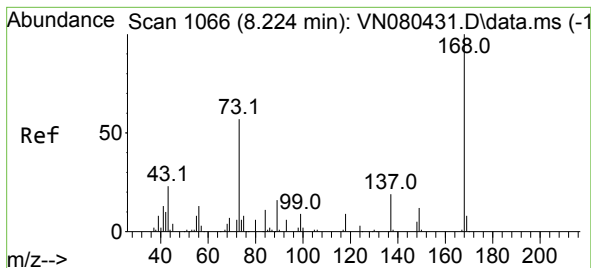
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	230804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	429785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	444591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	195573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160703	54.515	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.020%			
35) Dibromofluoromethane	8.165	113	137186	50.343	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.680%			
50) Toluene-d8	10.565	98	497457	48.948	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.900%			
62) 4-Bromofluorobenzene	12.853	95	200721	52.012	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.083	85	925	0.314	ug/l	89
3) Chloromethane	2.365	50	2856	0.526	ug/l #	75
13) Acrolein	4.165	56	197	0.518	ug/l	88
16) Acetone	4.430	43	3078	5.889	ug/l #	77
27) cis-1,2-Dichloroethene	7.483	96	746	0.245	ug/l #	13
31) Cyclohexane	8.235	56	4675	1.166	ug/l #	59
36) 1,1-Dichloropropene	8.230	75	17790	3.993	ug/l #	50
38) Carbon Tetrachloride	8.224	117	25977	4.879	ug/l #	16
44) Trichloroethene	9.353	130	7960	2.295	ug/l	93
76) 1,2,3-Trichloropropane	12.847	75	105571	27.058	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	105571	71.044	ug/l #	15

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

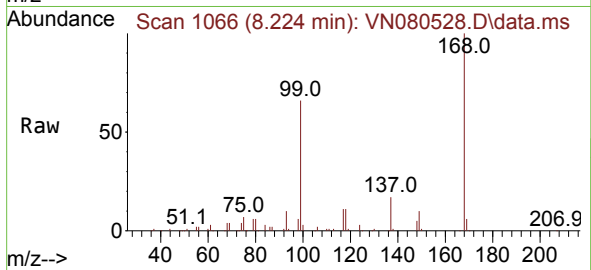
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration



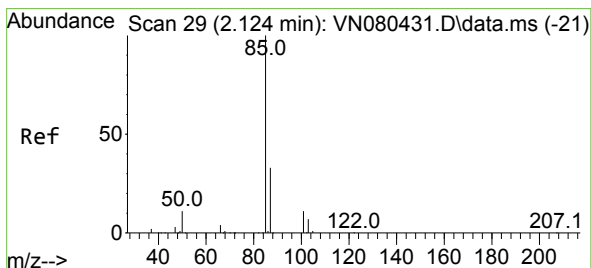
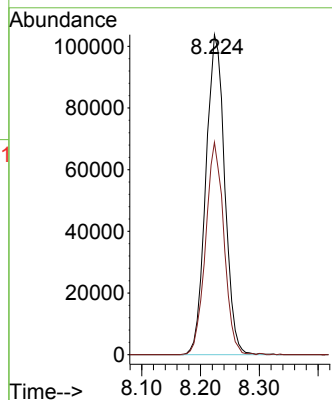
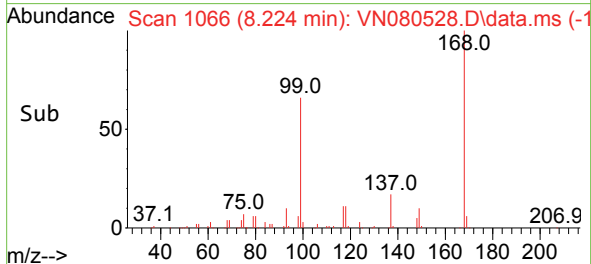


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080528.D
Acq: 19 Dec 2023 18:20

Instrument :
MSVOA_N
ClientSampleId :

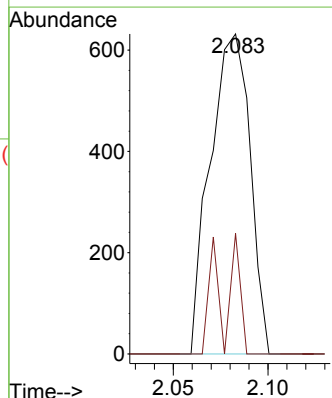
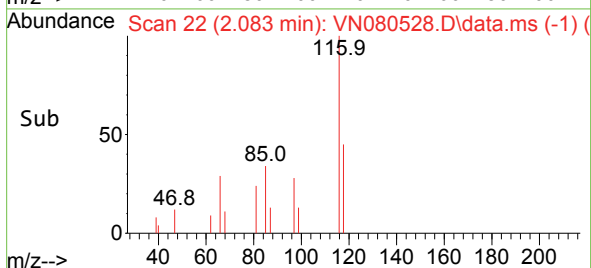
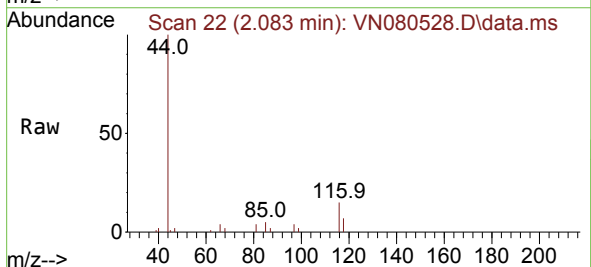


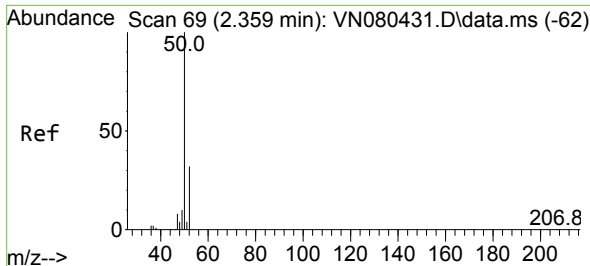
Tgt Ion:168 Resp: 230804
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.314 ug/l
RT: 2.083 min Scan# 22
Delta R.T. -0.041 min
Lab File: VN080528.D
Acq: 19 Dec 2023 18:20

Tgt Ion: 85 Resp: 925
Ion Ratio Lower Upper
85 100
87 37.7 15.8 47.4

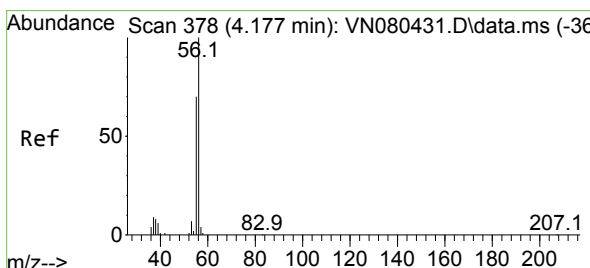
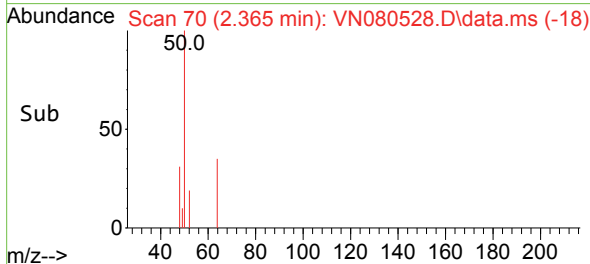
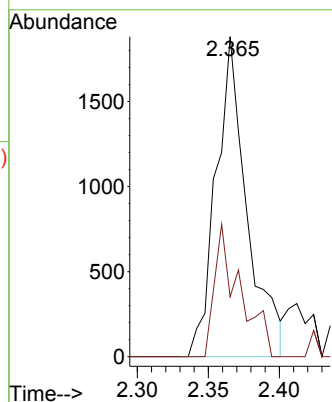
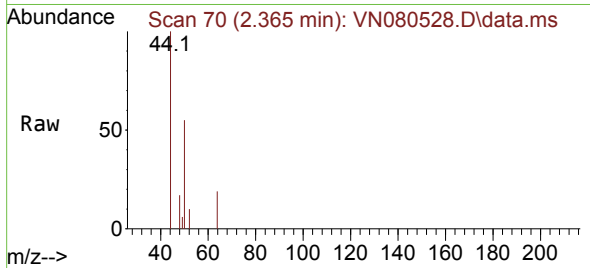




#3
Chloromethane
Concen: 0.526 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080528.D
Acq: 19 Dec 2023 18:20

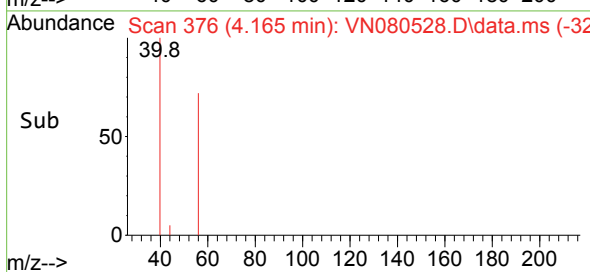
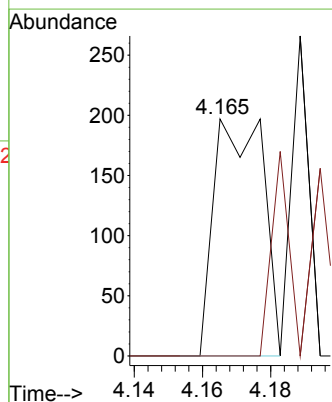
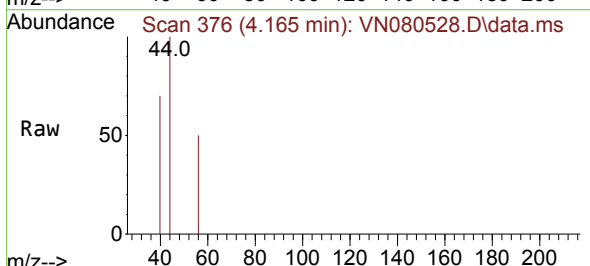
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MSVOA_N
ClientSampleId :

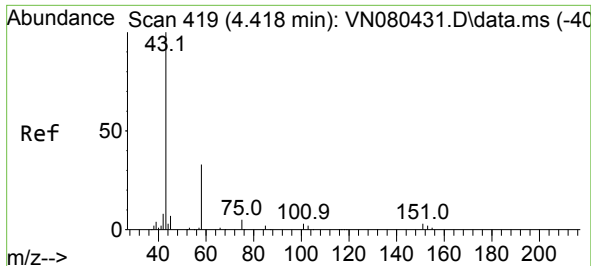
Tgt Ion: 50 Resp: 2856
Ion Ratio Lower Upper
50 100
52 18.7 26.5 39.7#



#13
Acrolein
Concen: 0.518 ug/l
RT: 4.165 min Scan# 376
Delta R.T. -0.012 min
Lab File: VN080528.D
Acq: 19 Dec 2023 18:20

Tgt Ion: 56 Resp: 197
Ion Ratio Lower Upper
56 100
55 58.4 54.5 81.7

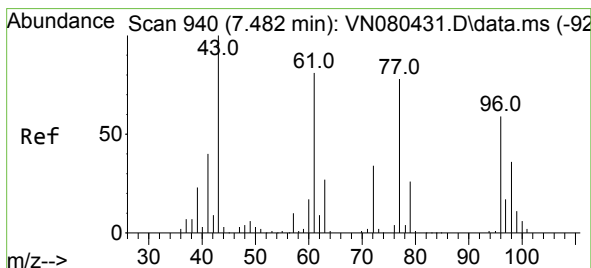
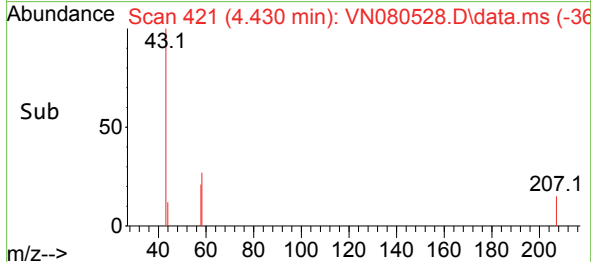
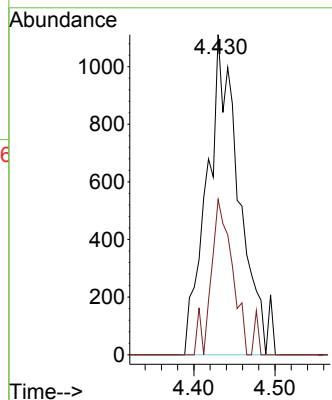
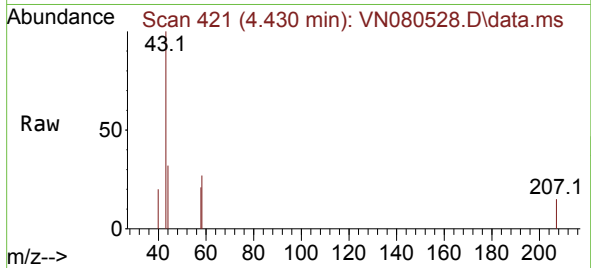




#16
Acetone
Concen: 5.889 ug/l
RT: 4.430 min Scan# 419
Delta R.T. 0.012 min
Lab File: VN080528.D
Acq: 19 Dec 2023 18:20

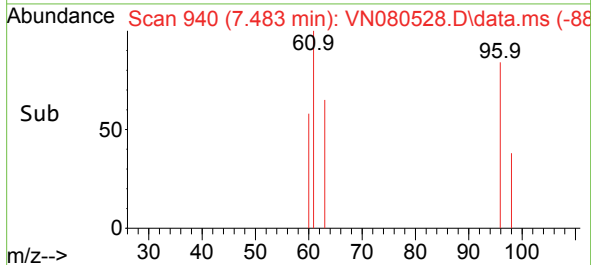
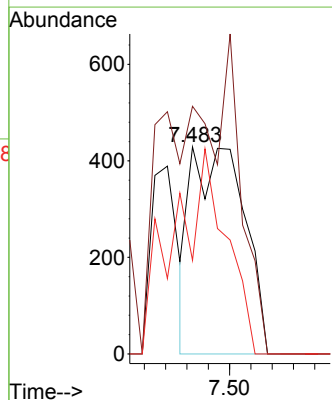
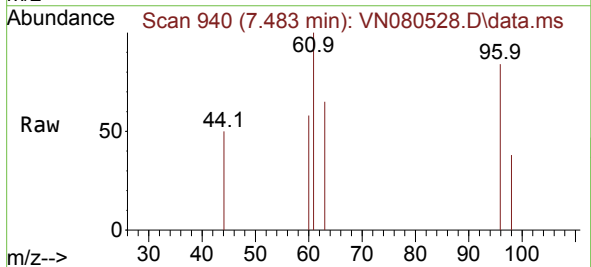
Instrument :
MSVOA_N
ClientSampleId :

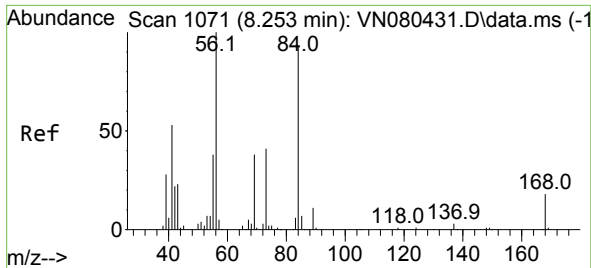
Tgt Ion: 43 Resp: 3078
Ion Ratio Lower Upper
43 100
58 48.5 28.0 42.0#



#27
cis-1,2-Dichloroethene
Concen: 0.245 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080528.D
Acq: 19 Dec 2023 18:20

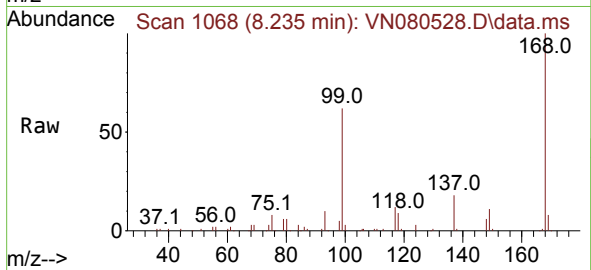
Tgt Ion: 96 Resp: 746
Ion Ratio Lower Upper
96 100
61 0.0 0.0 255.2
98 96.2 0.0 128.8



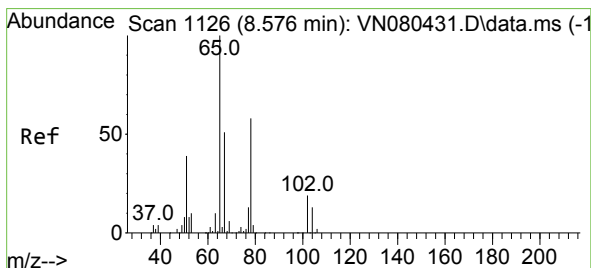
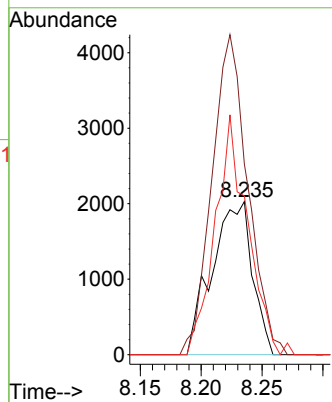
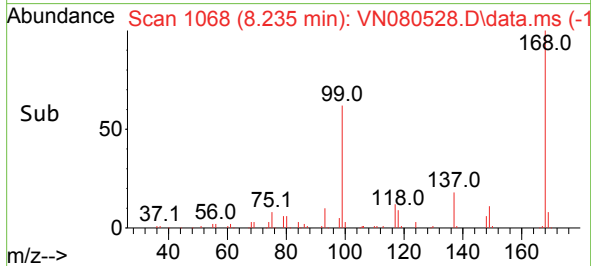


#31
Cyclohexane
Concen: 1.166 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.018 min
Lab File: VN080528.D
Acq: 19 Dec 2023 18:20

Instrument :
MSVOA_N
ClientSampleId :

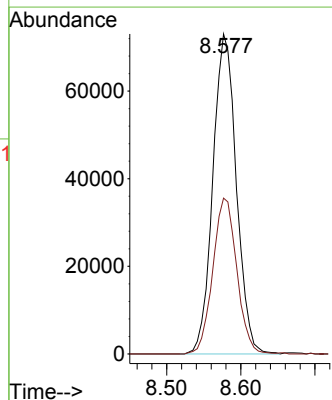
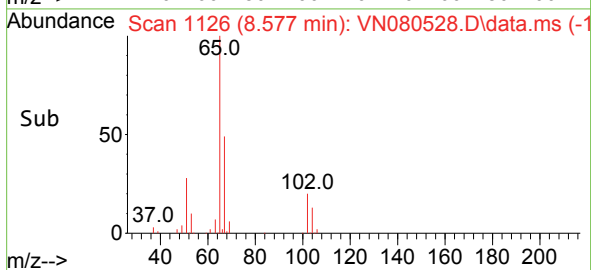
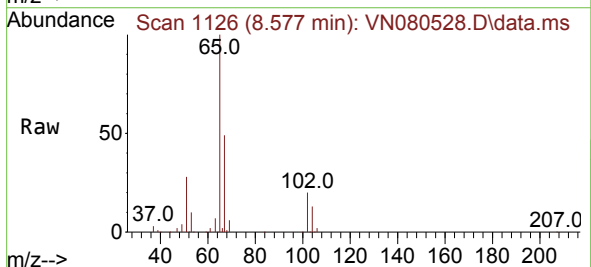


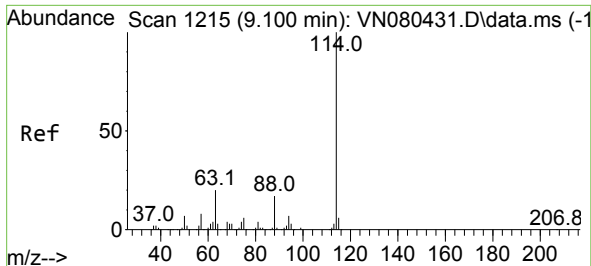
Tgt Ion: 56 Resp: 4675
Ion Ratio Lower Upper
56 100
69 124.6 26.8 40.2#
84 103.6 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 54.515 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080528.D
Acq: 19 Dec 2023 18:20

Tgt Ion: 65 Resp: 160703
Ion Ratio Lower Upper
65 100
67 49.7 0.0 106.6

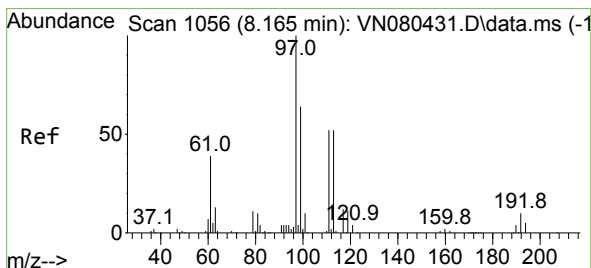
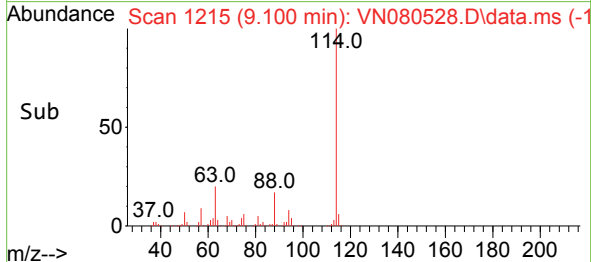
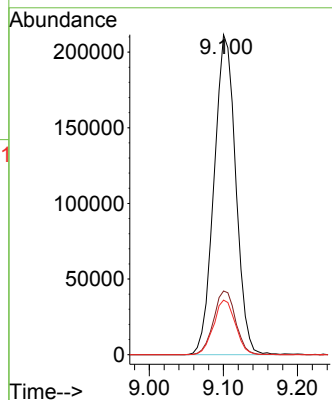
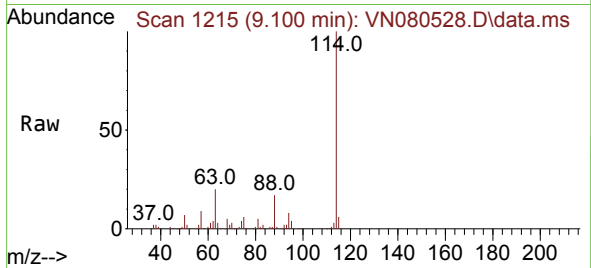




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080528.D
Acq: 19 Dec 2023 18:20

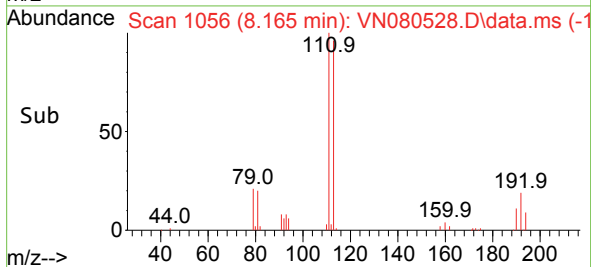
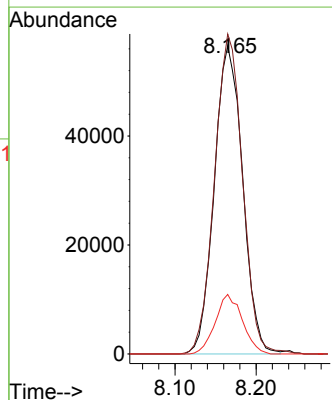
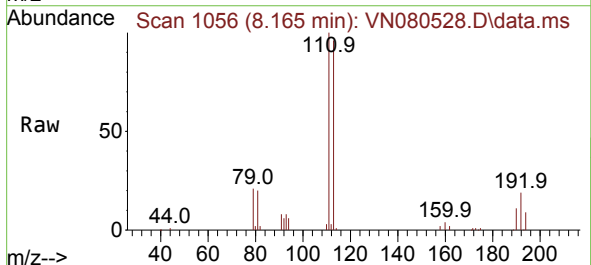
Instrument :
MSVOA_N
ClientSampleId :

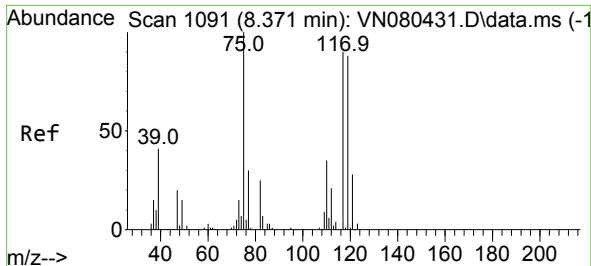
Tgt Ion:114 Resp: 429785
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.4
88 17.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.343 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080528.D
Acq: 19 Dec 2023 18:20

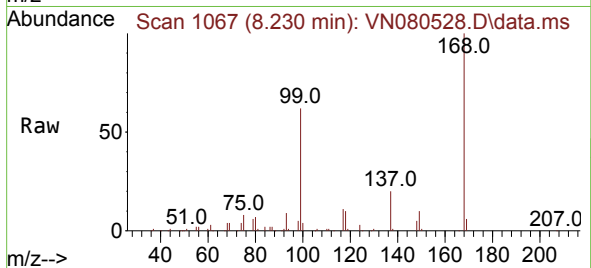
Tgt Ion:113 Resp: 137186
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 18.5 12.7 19.1



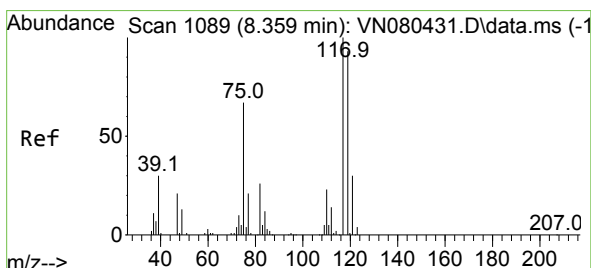
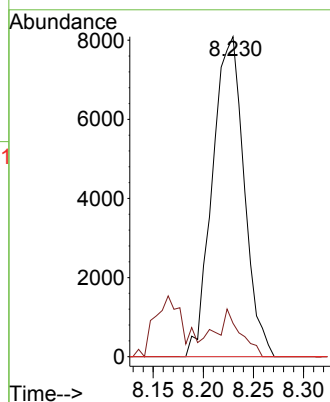
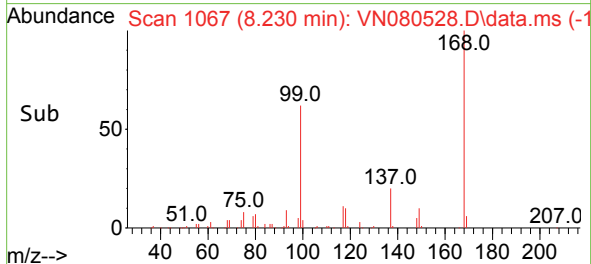


#36
1,1-Dichloropropene
Concen: 3.993 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN080528.D
Acq: 19 Dec 2023 18:20

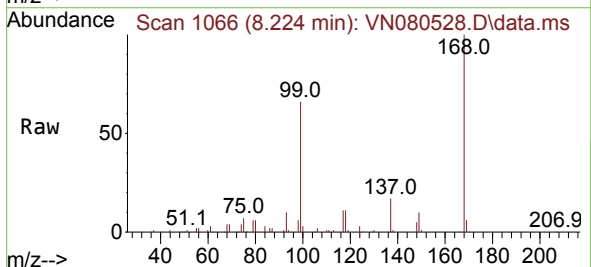
Instrument :
MSVOA_N
ClientSampleId :



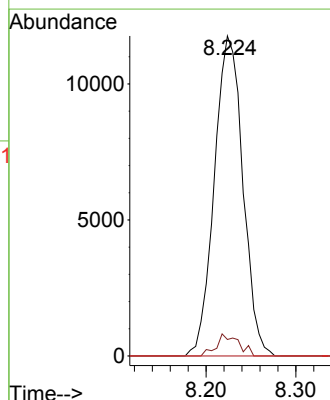
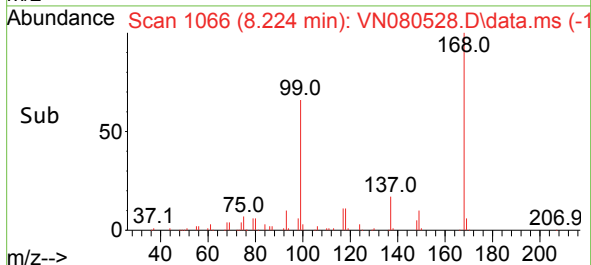
Tgt Ion: 75 Resp: 17790
Ion Ratio Lower Upper
75 100
110 11.1 19.1 57.3#
77 0.0 25.0 37.4#

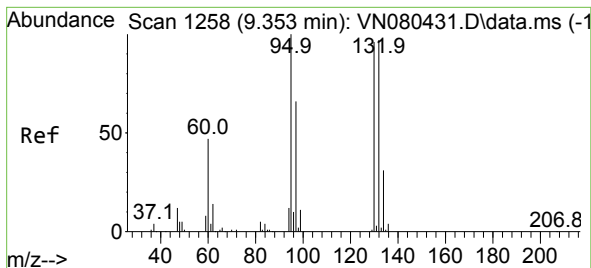


#38
Carbon Tetrachloride
Concen: 4.879 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080528.D
Acq: 19 Dec 2023 18:20



Tgt Ion: 117 Resp: 25977
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 23.3 34.9#





#44

Trichloroethene

Concen: 2.295 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080528.D

Acq: 19 Dec 2023 18:20

Instrument :

MSVOA_N

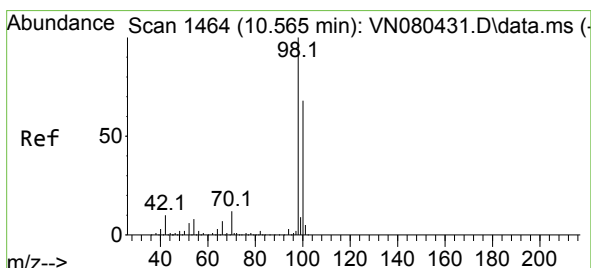
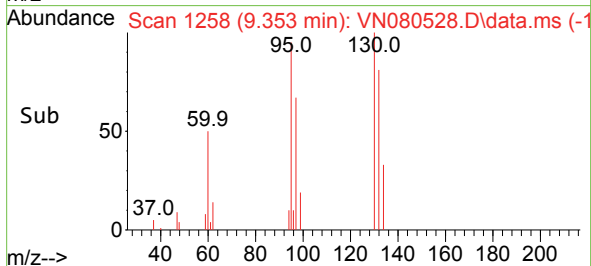
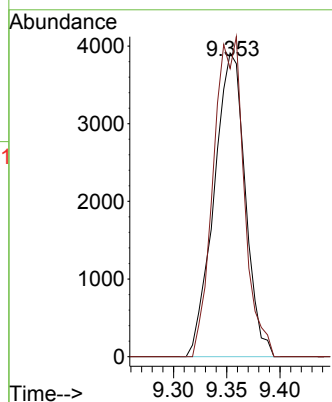
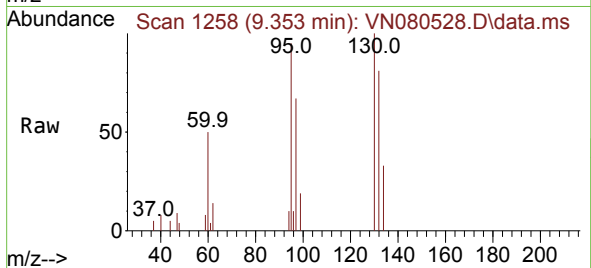
ClientSampleId :

Tgt Ion:130 Resp: 7960

Ion Ratio Lower Upper

130 100

95 94.9 0.0 204.6



#50

Toluene-d8

Concen: 48.948 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080528.D

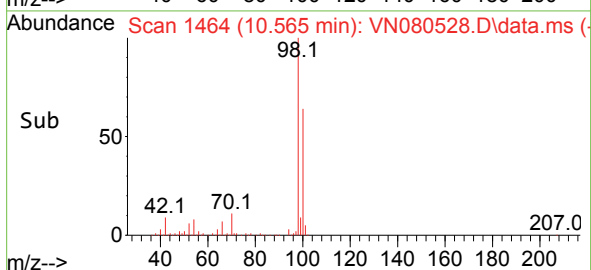
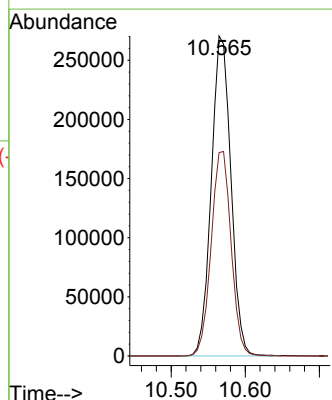
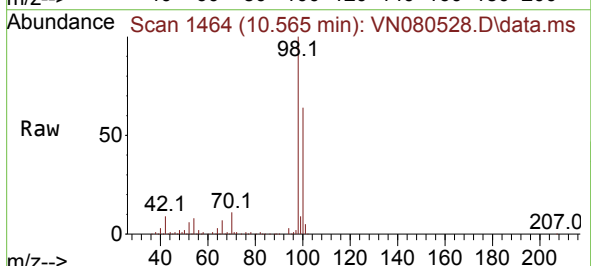
Acq: 19 Dec 2023 18:20

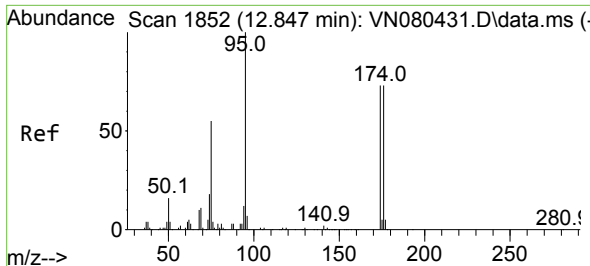
Tgt Ion: 98 Resp: 497457

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

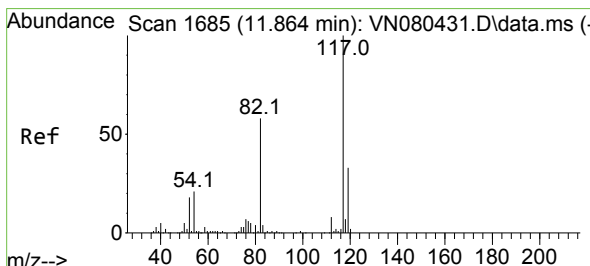
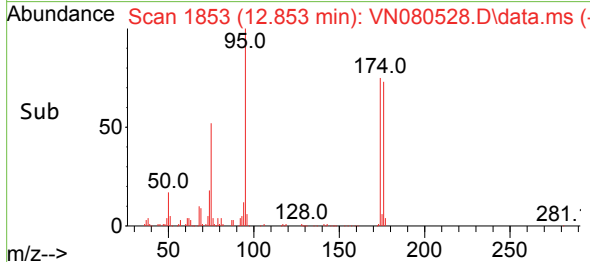
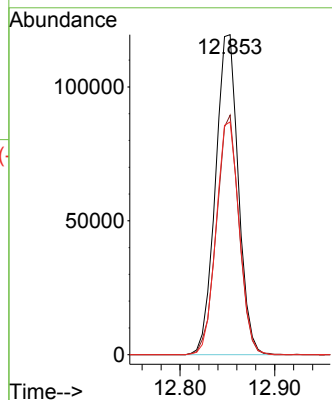
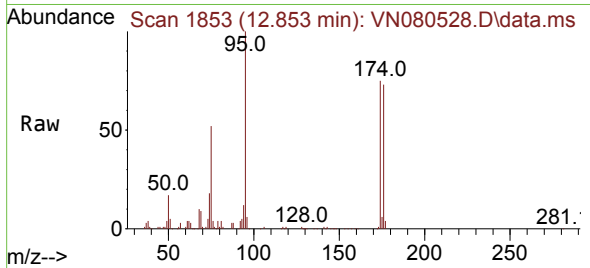




#62
4-Bromofluorobenzene
Concen: 52.012 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080528.D
Acq: 19 Dec 2023 18:20

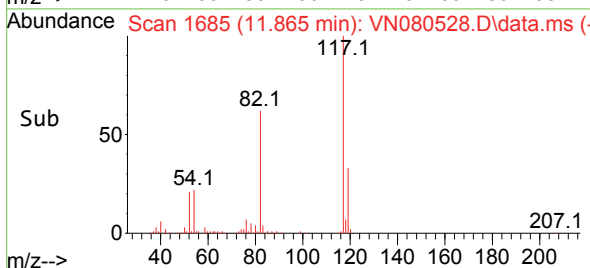
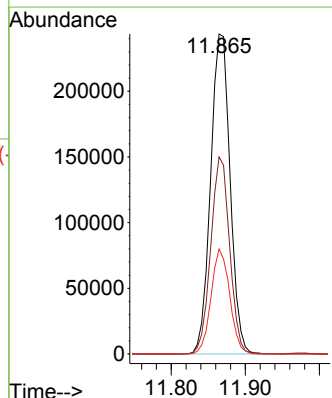
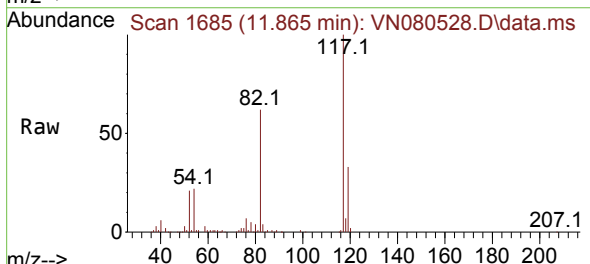
Instrument :
MSVOA_N
ClientSampleId :

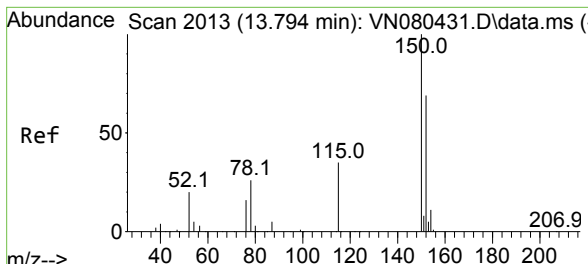
Tgt Ion: 95 Resp: 200721
Ion Ratio Lower Upper
95 100
174 73.4 0.0 143.8
176 73.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080528.D
Acq: 19 Dec 2023 18:20

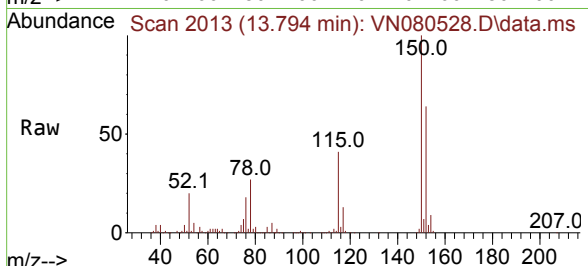
Tgt Ion: 117 Resp: 444591
Ion Ratio Lower Upper
117 100
82 61.6 44.0 66.0
119 32.8 25.6 38.4



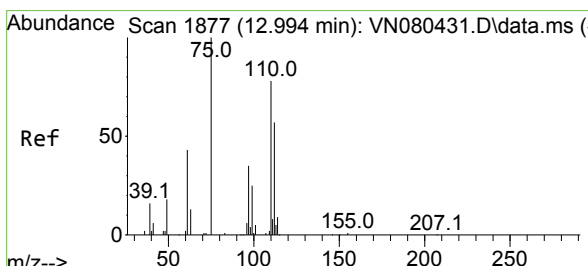
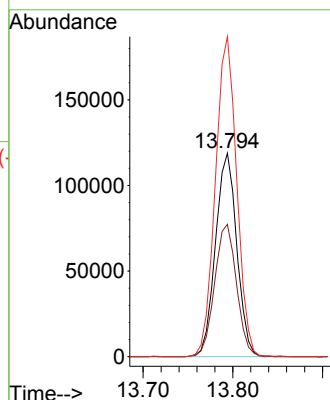
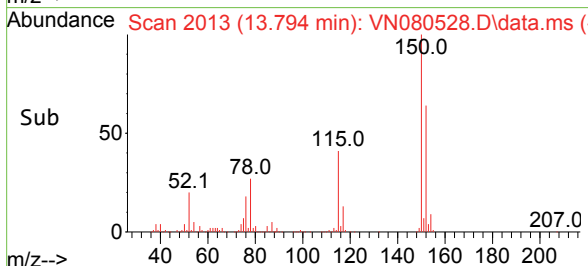


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN080528.D
 Acq: 19 Dec 2023 18:20

Instrument :
 MSVOA_N
 ClientSampleId :

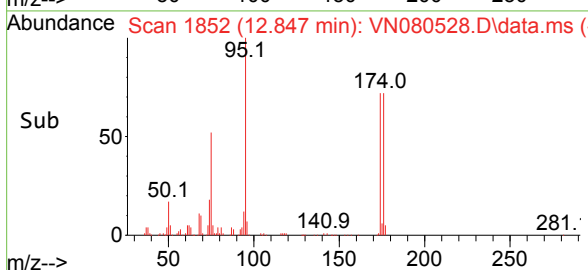
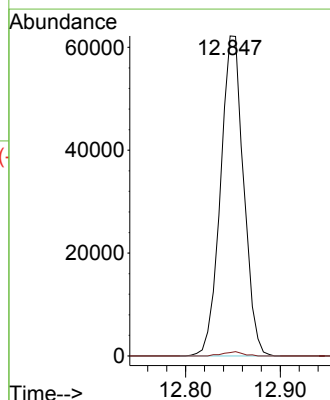
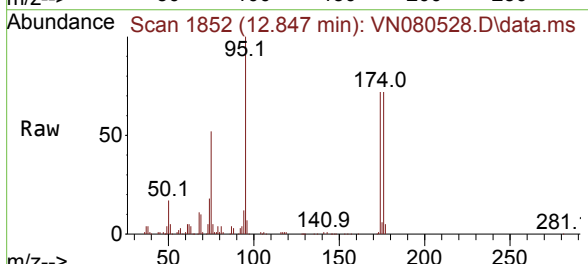


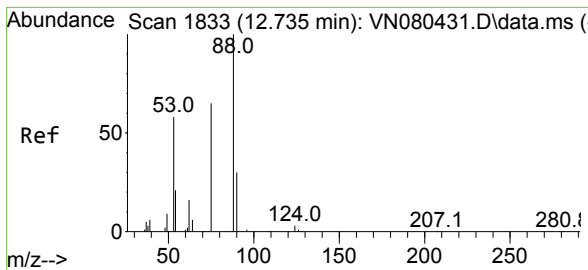
Tgt Ion:152 Resp: 195573
 Ion Ratio Lower Upper
 152 100
 115 66.9 32.3 96.8
 150 157.6 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 27.058 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN080528.D
 Acq: 19 Dec 2023 18:20

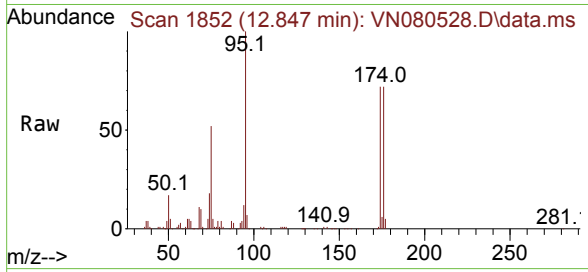
Tgt Ion: 75 Resp: 105571
 Ion Ratio Lower Upper
 75 100
 77 1.2 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.044 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN080528.D
 Acq: 19 Dec 2023 18:20

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 105571
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

