

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080525.D
 Acq On : 19 Dec 2023 17:09
 Operator : JC\MD
 Sample : 05874-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 04:04:44 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)

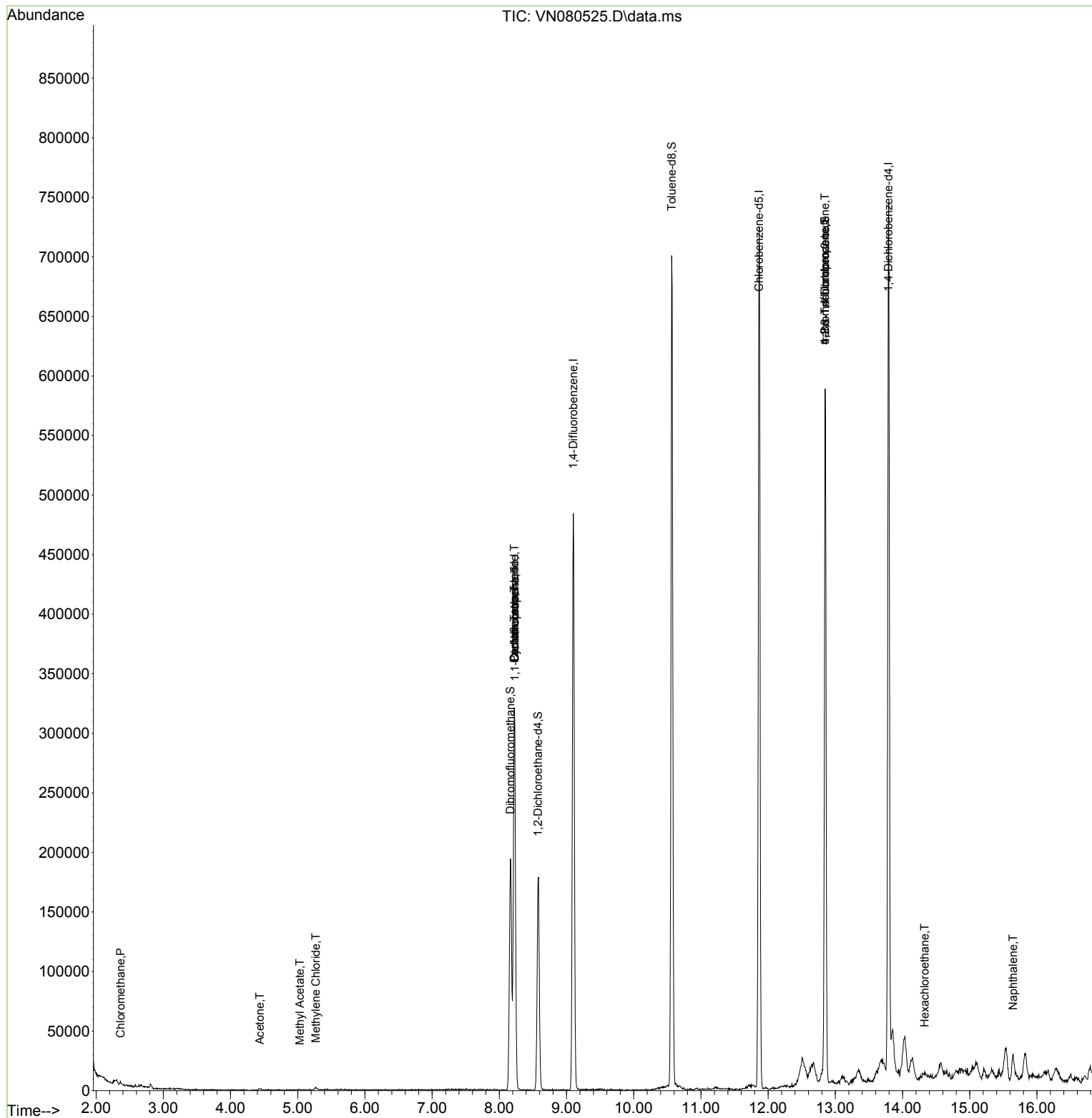
Internal Standards						
1) Pentafluorobenzene	8.224	168	229922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	417169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	431104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	197768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	157350	53.582	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.160%	
35) Dibromofluoromethane	8.165	113	137639	52.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.080%	
50) Toluene-d8	10.565	98	486795	49.348	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.700%	
62) 4-Bromofluorobenzene	12.847	95	205900	54.968	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	2408	0.382	ug/l	95
16) Acetone	4.436	43	2065	3.966	ug/l #	40
18) Methyl Acetate	5.030	43	688	0.205	ug/l #	42
20) Methylene Chloride	5.271	84	1551	0.557	ug/l #	82
31) Cyclohexane	8.224	56	4250	1.064	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	18367	4.247	ug/l #	49
38) Carbon Tetrachloride	8.224	117	26327	5.095	ug/l #	14
76) 1,2,3-Trichloropropane	12.847	75	108570	27.518	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	108570	72.251	ug/l #	15
90) Hexachloroethane	14.329	117	424	0.206	ug/l #	21
95) Naphthalene	15.647	128	13852	1.257	ug/l #	82

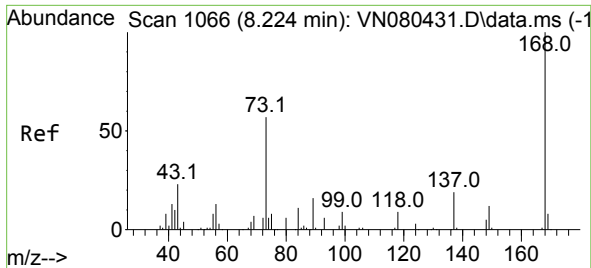
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
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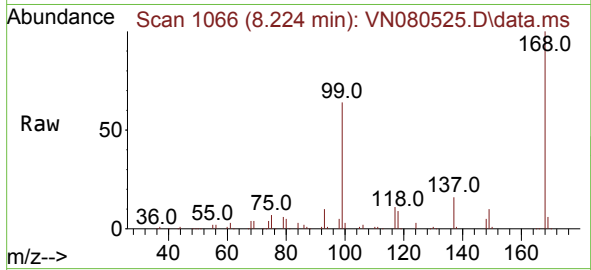
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration



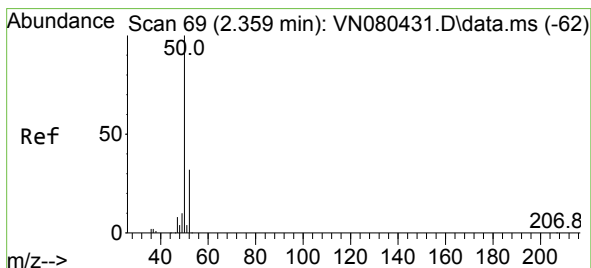
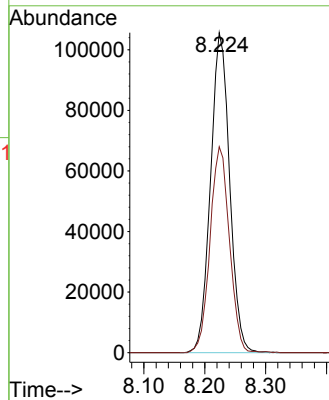
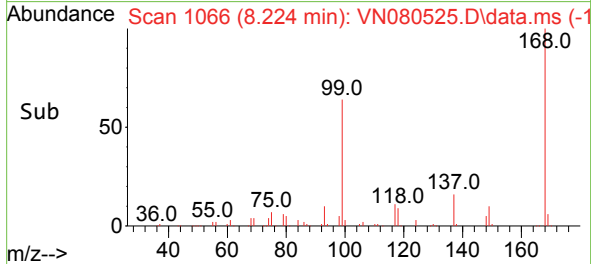


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080525.D
Acq: 19 Dec 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :

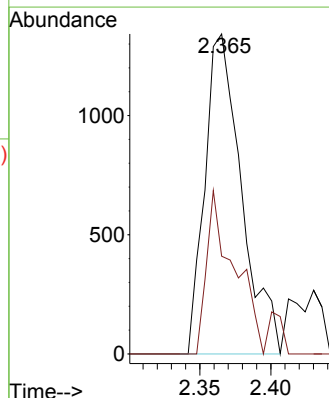
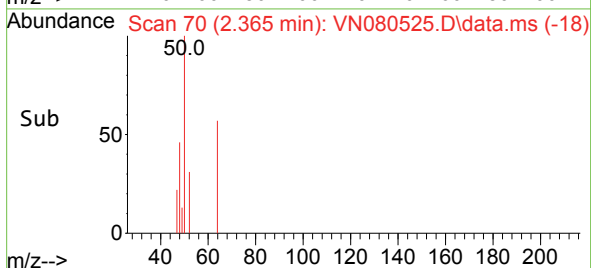
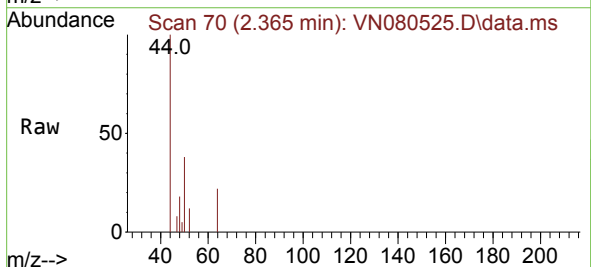


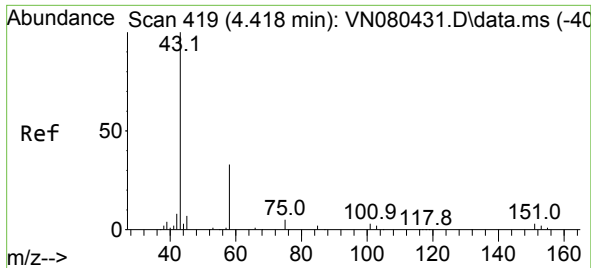
Tgt Ion:168 Resp: 229922
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6



#3
Chloromethane
Concen: 0.382 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080525.D
Acq: 19 Dec 2023 17:09

Tgt Ion: 50 Resp: 2408
Ion Ratio Lower Upper
50 100
52 30.6 26.5 39.7

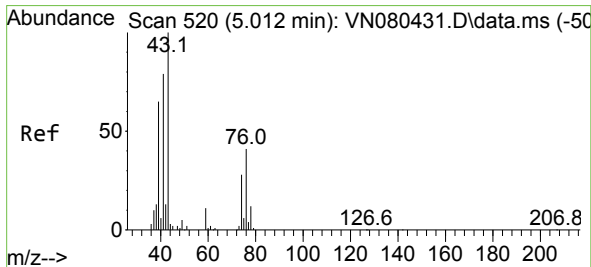
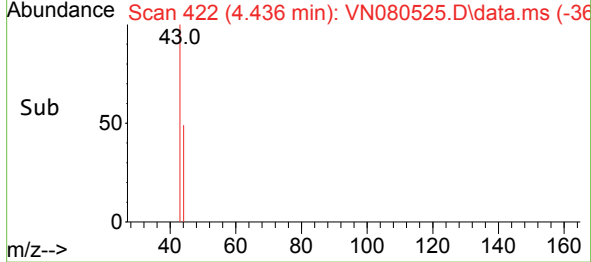
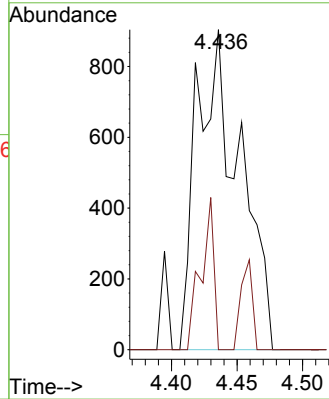
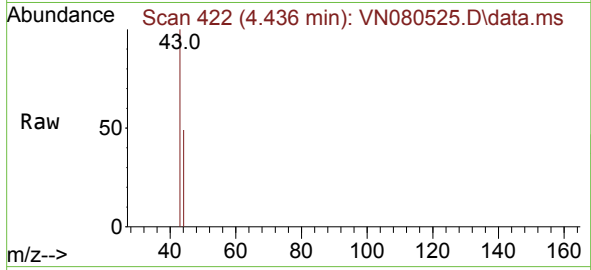




#16
Acetone
Concen: 3.966 ug/l
RT: 4.436 min Scan# 419
Delta R.T. 0.018 min
Lab File: VN080525.D
Acq: 19 Dec 2023 17:09

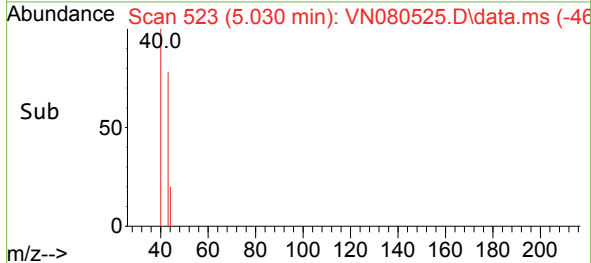
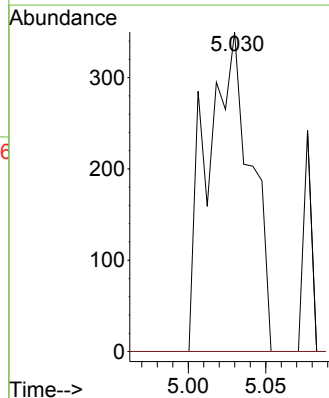
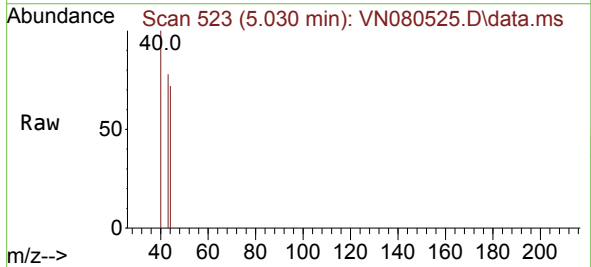
Instrument :
MSVOA_N
ClientSampleId :

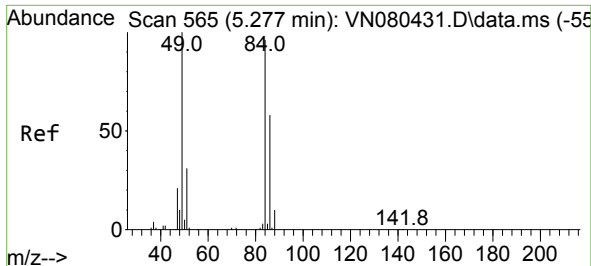
Tgt Ion: 43 Resp: 2065
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#18
Methyl Acetate
Concen: 0.205 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.018 min
Lab File: VN080525.D
Acq: 19 Dec 2023 17:09

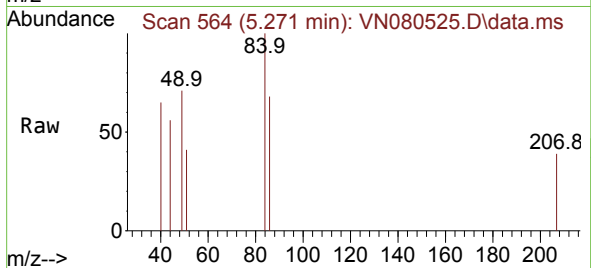
Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



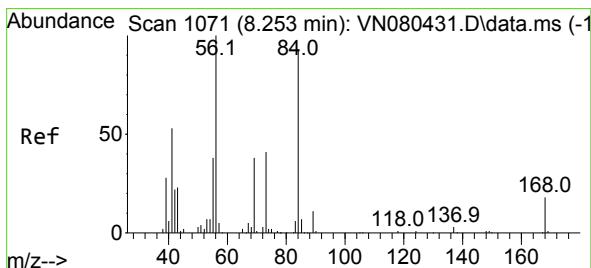
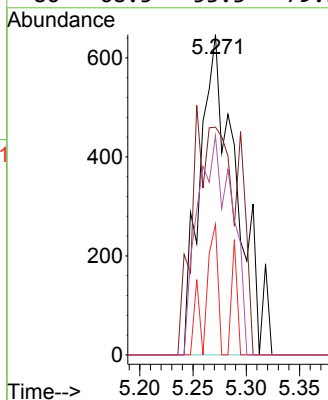
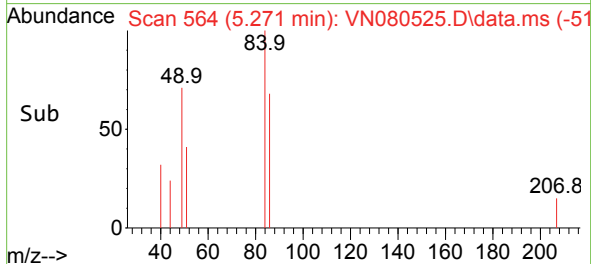


#20
Methylene Chloride
Concen: 0.557 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN080525.D
Acq: 19 Dec 2023 17:09

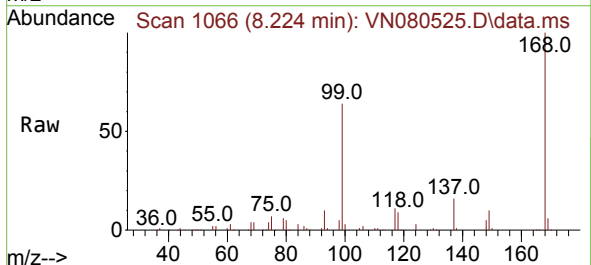
Instrument :
MSVOA_N
ClientSampleId :



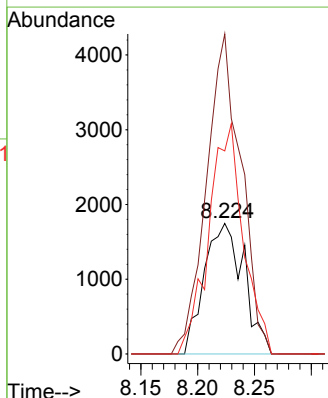
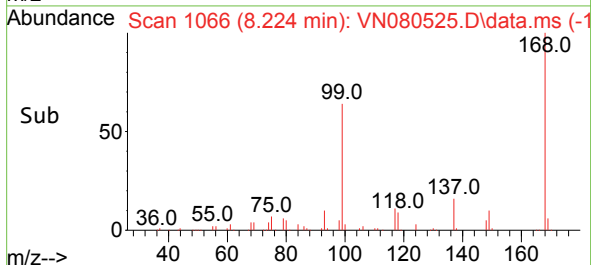
Tgt Ion:	84	Resp:	1551
Ion	Ratio	Lower	Upper
84	100		
49	71.1	79.7	119.5#
51	40.8	25.2	37.8#
86	68.5	53.3	79.9

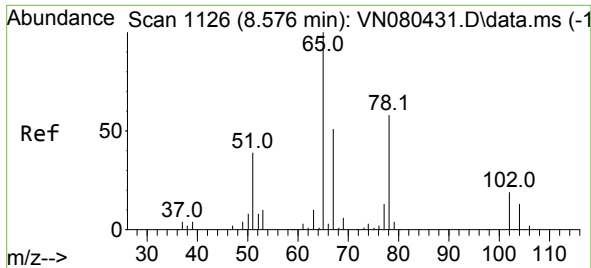


#31
Cyclohexane
Concen: 1.064 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN080525.D
Acq: 19 Dec 2023 17:09



Tgt Ion:	56	Resp:	4250
Ion	Ratio	Lower	Upper
56	100		
69	244.9	26.8	40.2#
84	155.4	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 53.582 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080525.D

Acq: 19 Dec 2023 17:09

Instrument :

MSVOA_N

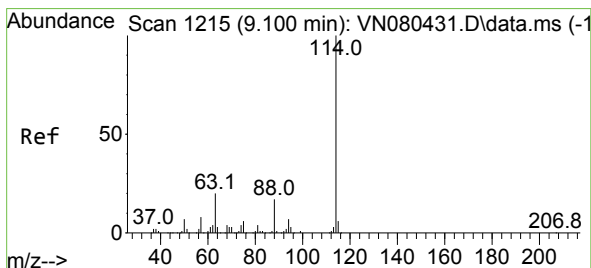
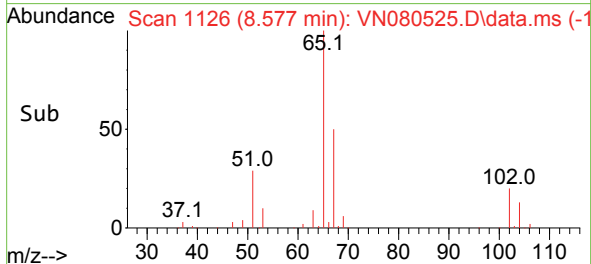
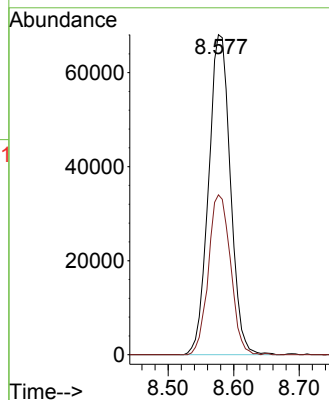
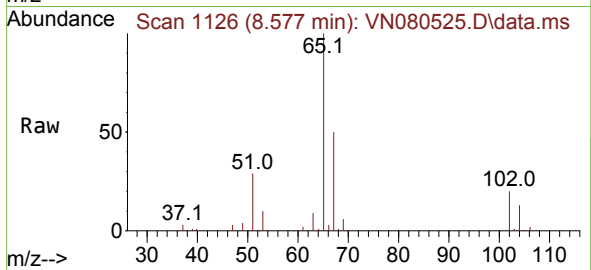
ClientSampleId :

Tgt Ion: 65 Resp: 157350

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: VN080525.D

Acq: 19 Dec 2023 17:09

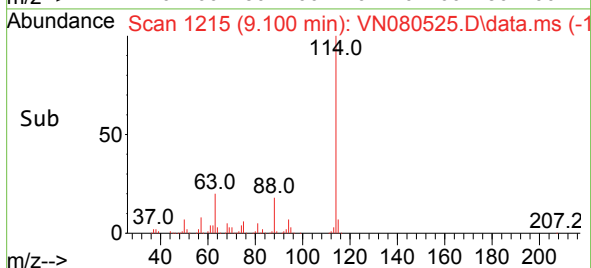
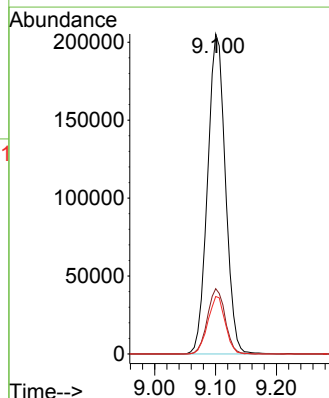
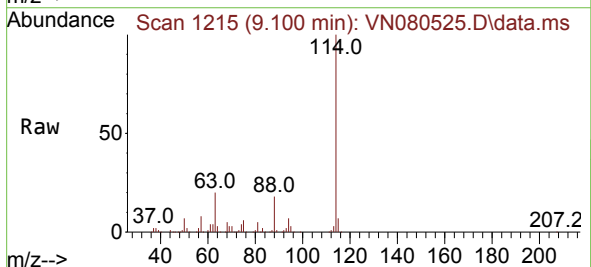
Tgt Ion: 114 Resp: 417169

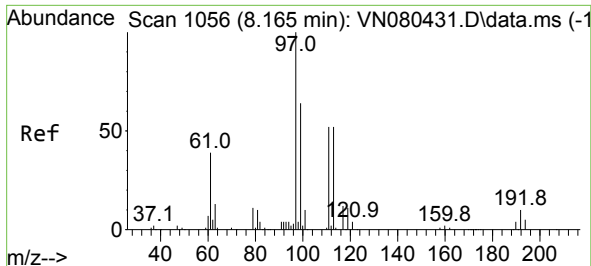
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

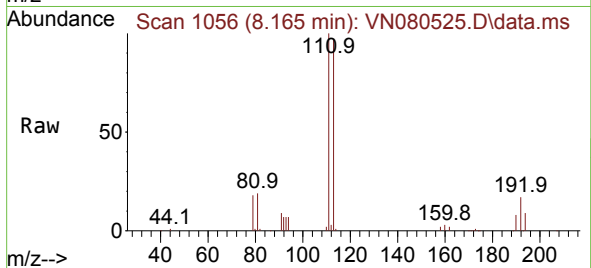
88 18.0 0.0 30.6



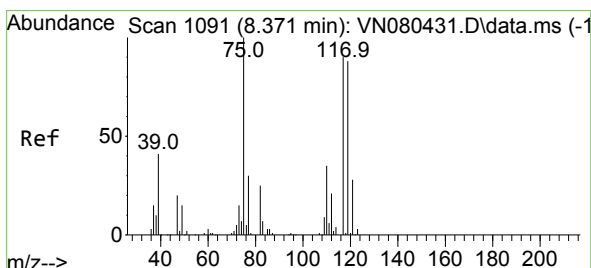
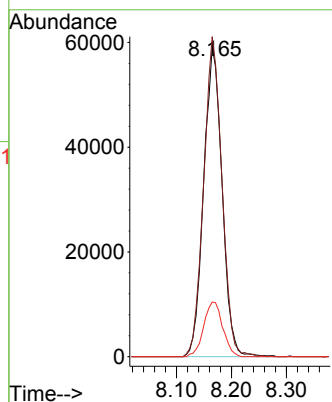
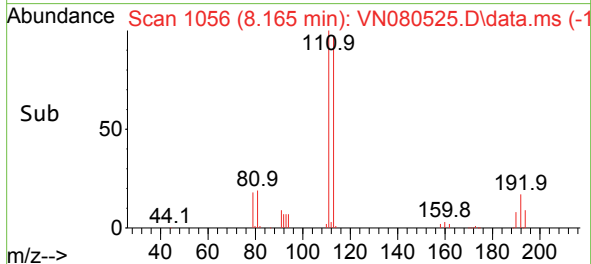


#35
Dibromofluoromethane
Concen: 52.037 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080525.D
Acq: 19 Dec 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :

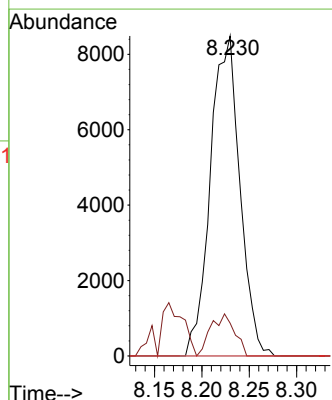
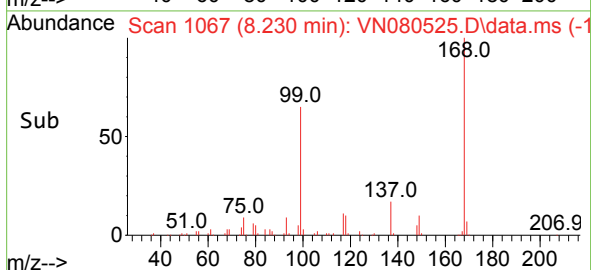
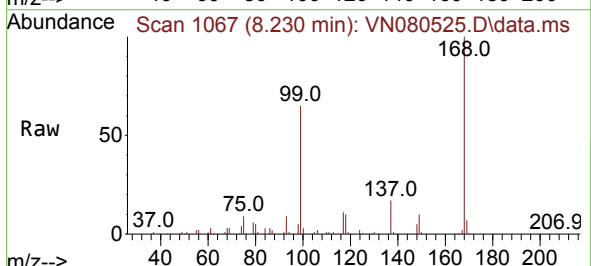


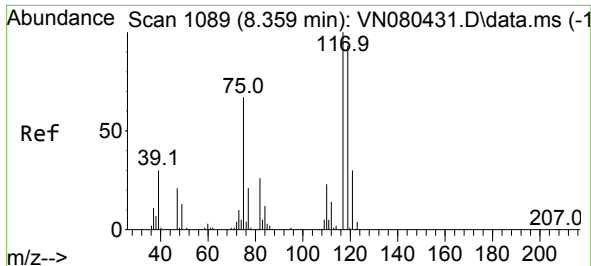
Tgt Ion:113 Resp: 137639
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 18.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.247 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN080525.D
Acq: 19 Dec 2023 17:09

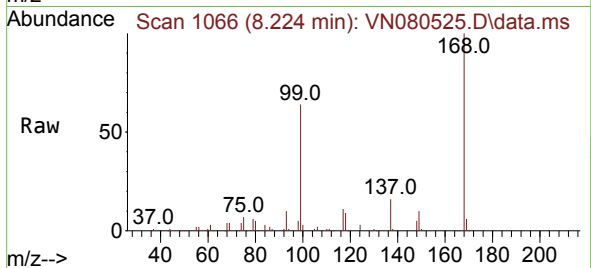
Tgt Ion: 75 Resp: 18367
Ion Ratio Lower Upper
75 100
110 10.6 19.1 57.3#
77 0.0 25.0 37.4#



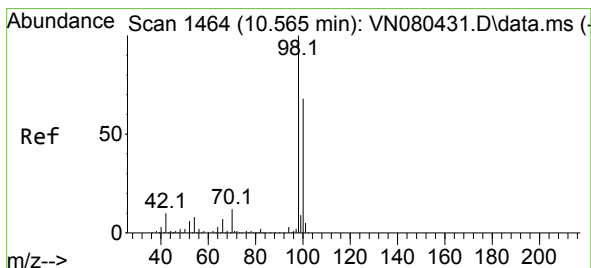
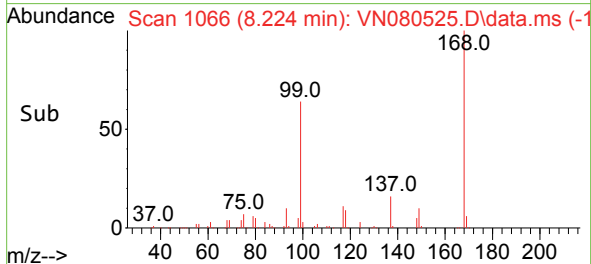
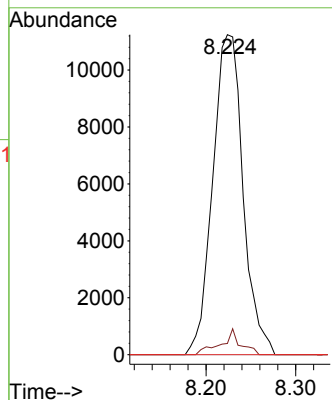


#38
Carbon Tetrachloride
Concen: 5.095 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080525.D
Acq: 19 Dec 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :

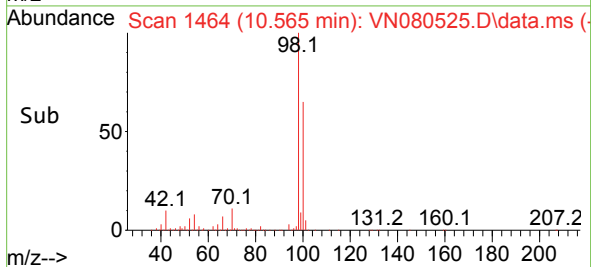
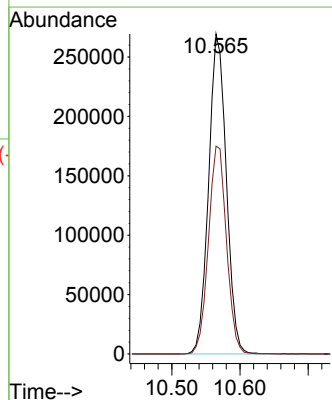
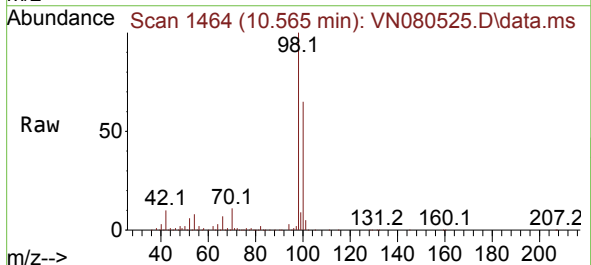


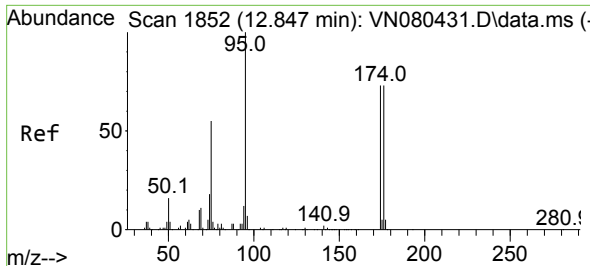
Tgt Ion:117 Resp: 26327
Ion Ratio Lower Upper
117 100
119 3.5 77.3 115.9#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 49.348 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080525.D
Acq: 19 Dec 2023 17:09

Tgt Ion: 98 Resp: 486795
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0

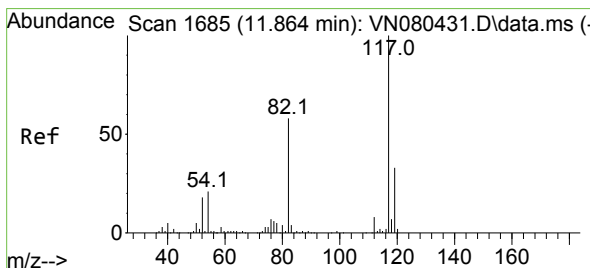
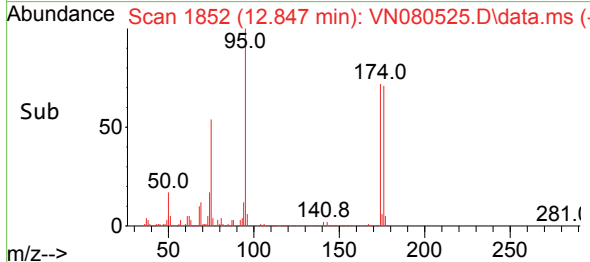
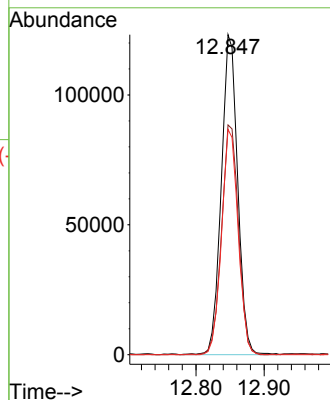
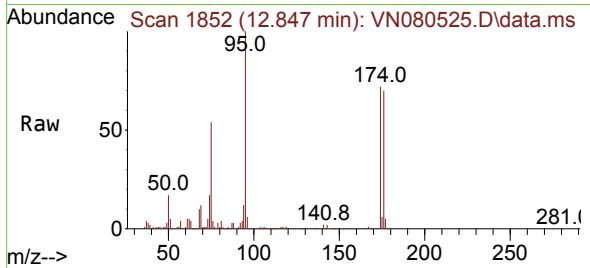




#62
4-Bromofluorobenzene
Concen: 54.968 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080525.D
Acq: 19 Dec 2023 17:09

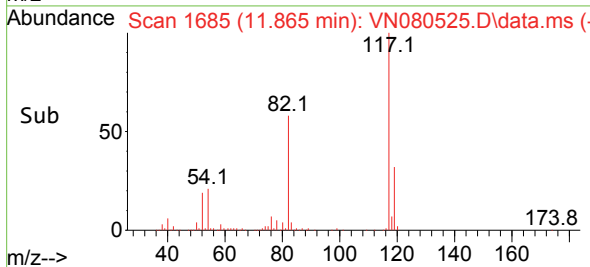
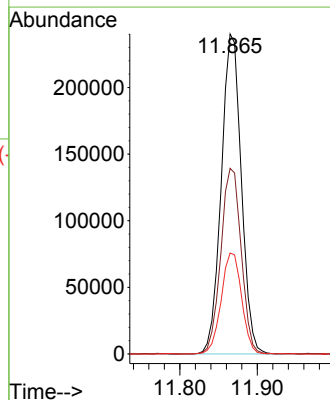
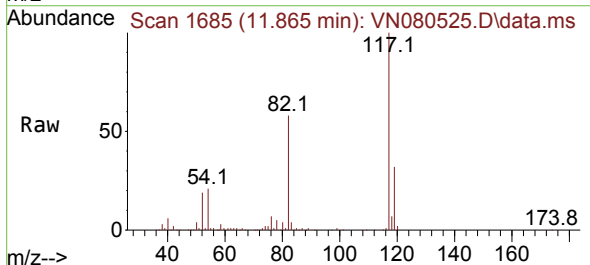
Instrument :
MSVOA_N
ClientSampleId :

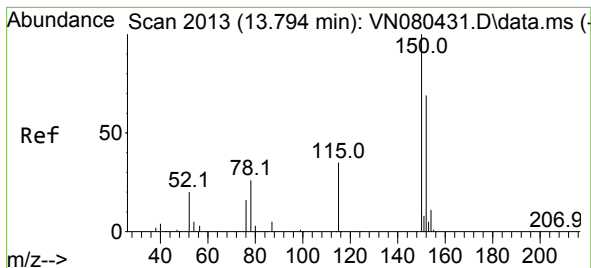
Tgt Ion: 95 Resp: 205900
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 71.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080525.D
Acq: 19 Dec 2023 17:09

Tgt Ion: 117 Resp: 431104
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 31.6 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. -0.006 min

Lab File: VN080525.D

Acq: 19 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

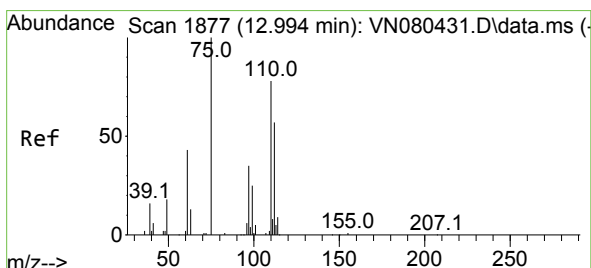
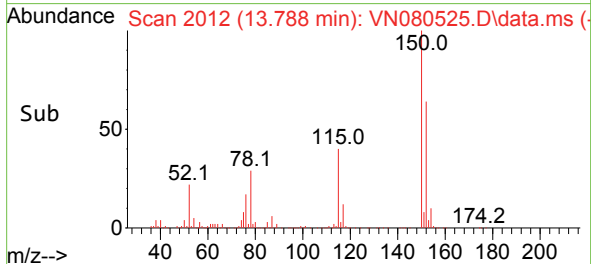
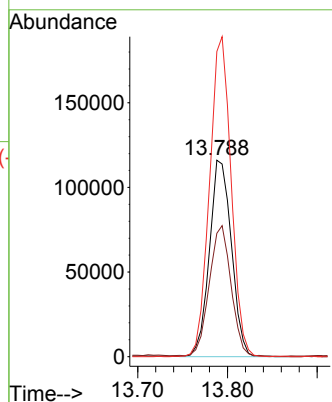
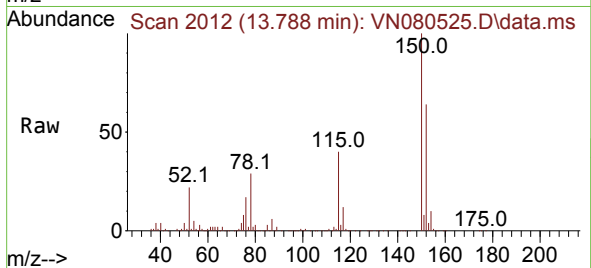
Tgt Ion:152 Resp: 197768

Ion Ratio Lower Upper

152 100

115 66.1 32.3 96.8

150 159.1 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 27.518 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080525.D

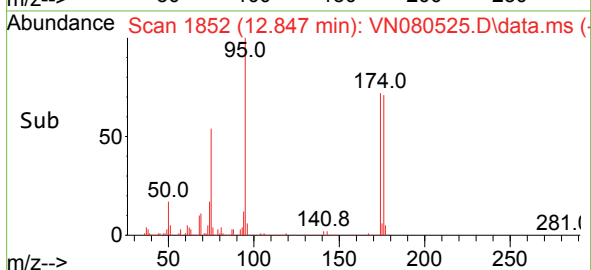
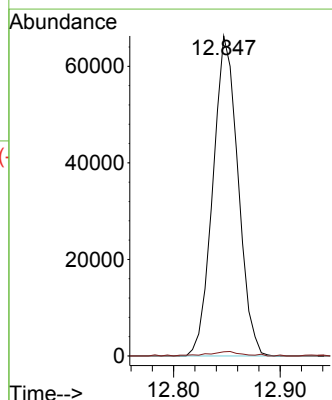
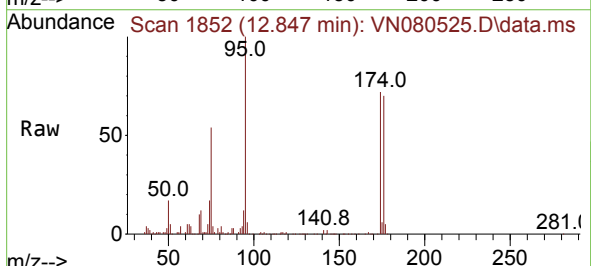
Acq: 19 Dec 2023 17:09

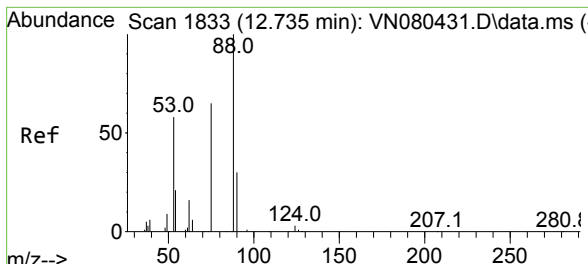
Tgt Ion: 75 Resp: 108570

Ion Ratio Lower Upper

75 100

77 1.9 84.5 253.5#

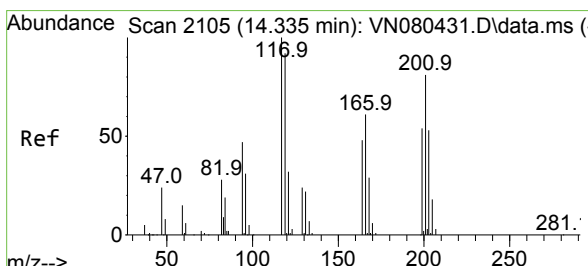
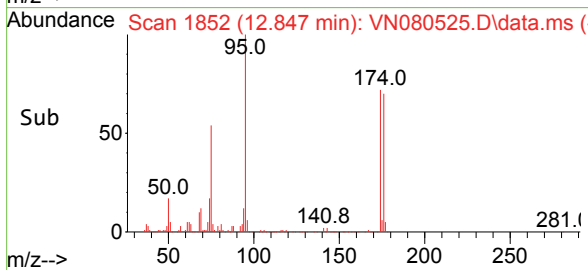
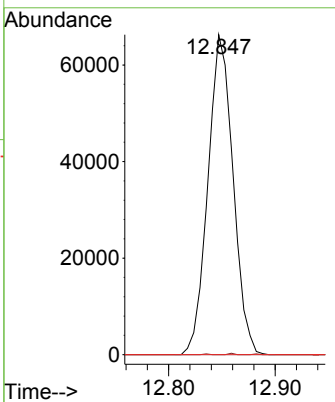
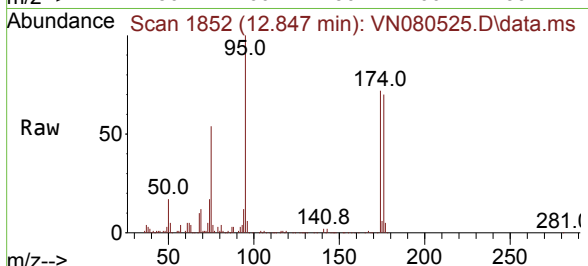




#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.251 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN080525.D
 Acq: 19 Dec 2023 17:09

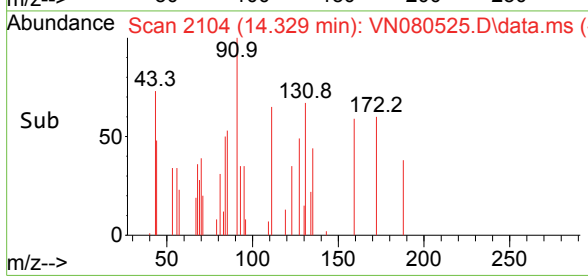
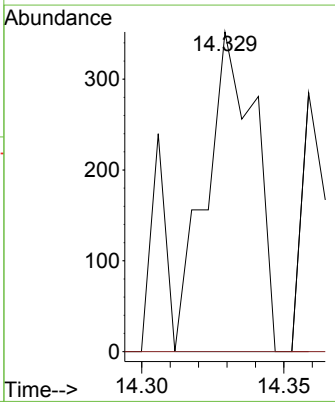
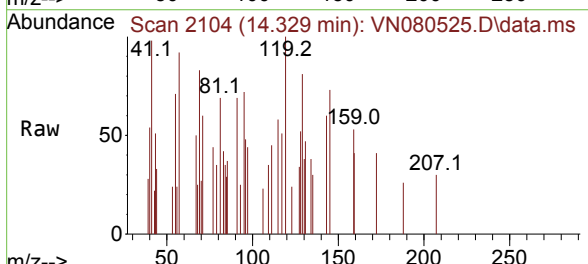
Instrument :
 MSVOA_N
 ClientSampleId :

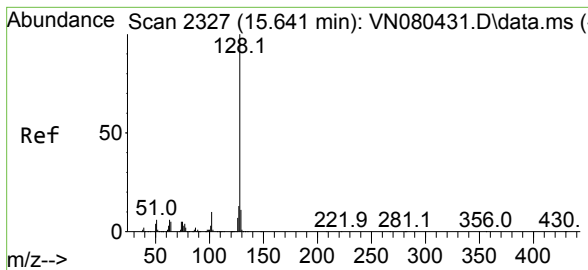
Tgt Ion:	75	Resp:	108570
Ion Ratio	Lower	Upper	
75	100		
53	0.1	67.4	101.2#
89	0.0	38.8	58.2#



#90
 Hexachloroethane
 Concen: 0.206 ug/l
 RT: 14.329 min Scan# 2104
 Delta R.T. -0.006 min
 Lab File: VN080525.D
 Acq: 19 Dec 2023 17:09

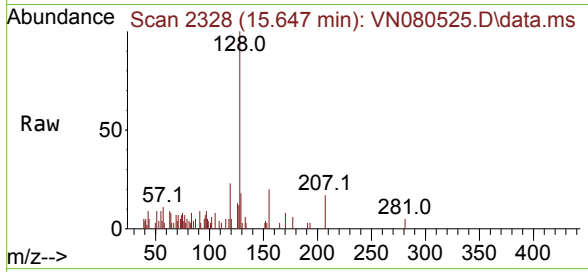
Tgt Ion:	117	Resp:	424
Ion Ratio	Lower	Upper	
117	100		
201	0.0	29.3	88.0#





#95
 Naphthalene
 Concen: 1.257 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN080525.D
 Acq: 19 Dec 2023 17:09

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	13852
Ion Ratio	Lower	Upper	
128	100		
127	15.6	10.0	15.0#
129	0.0	8.7	13.1#

