

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111823\
 Data File : VN080185.D
 Acq On : 18 Nov 2023 14:55
 Operator : JC\MD
 Sample : 05425-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 20 01:25:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

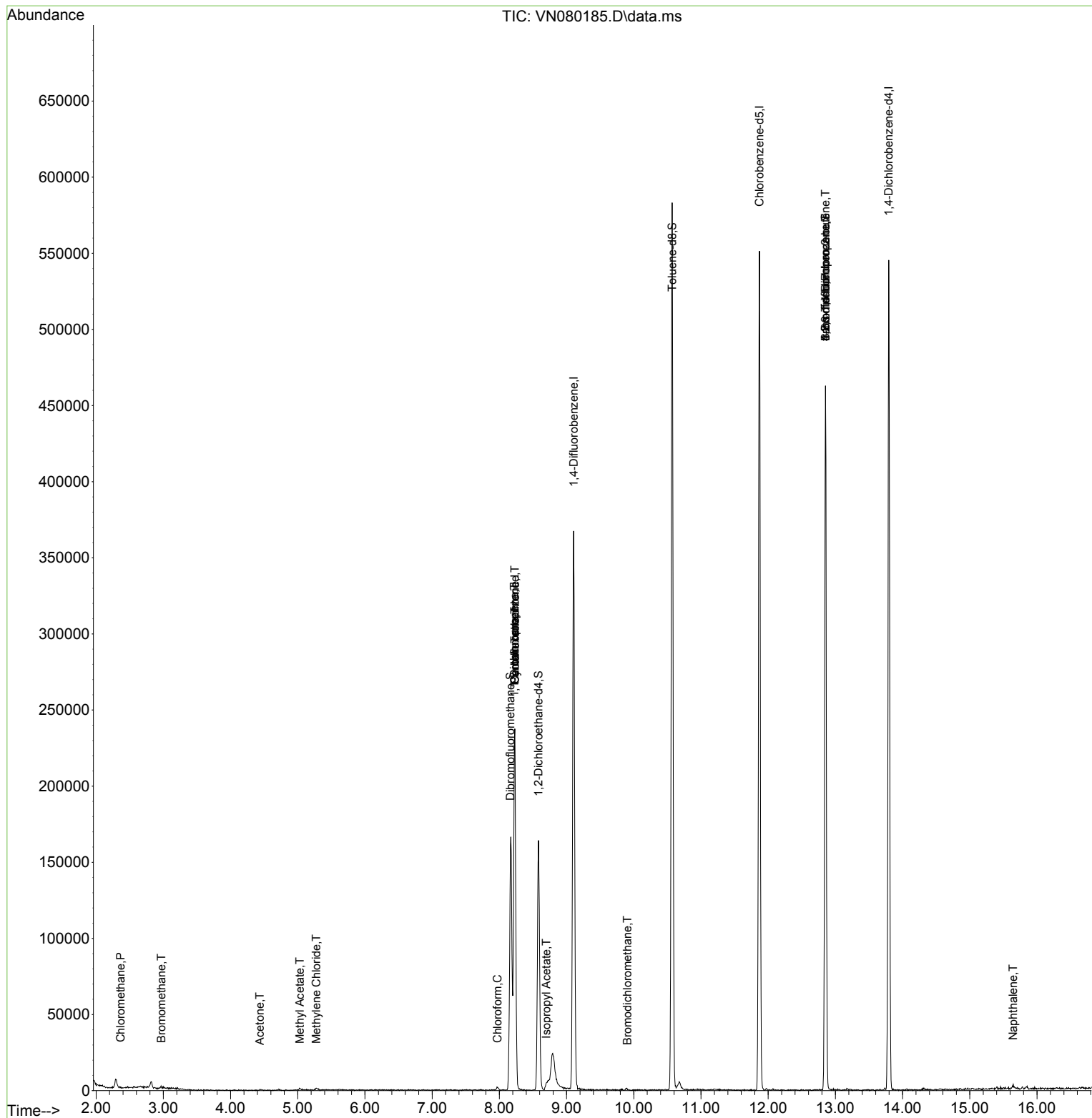
Internal Standards						
1) Pentafluorobenzene	8.230	168	162423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	302431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	313454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	149527	55.755	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.500%			
35) Dibromofluoromethane	8.165	113	114005	51.088	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.180%			
50) Toluene-d8	10.571	98	399214	49.627	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.260%			
62) 4-Bromofluorobenzene	12.853	95	156943	51.652	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.300%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	425	0.234	ug/l #	42
5) Bromomethane	2.971	94	301	0.230	ug/l #	4
6) Chloroethane	3.130	64	643	Below Cal	#	43
16) Acetone	4.436	43	510	0.566	ug/l #	40
18) Methyl Acetate	5.030	43	706	0.244	ug/l	89
20) Methylene Chloride	5.277	84	916	0.486	ug/l #	85
30) Chloroform	7.971	83	1957	0.503	ug/l #	76
31) Cyclohexane	8.230	56	4047	1.388	ug/l #	54
36) 1,1-Dichloropropene	8.224	75	14596	4.518	ug/l #	49
38) Carbon Tetrachloride	8.230	117	19041	4.644	ug/l #	15
43) Isopropyl Acetate	8.700	43	2822	0.647	ug/l #	49
47) Bromodichloromethane	9.906	83	999	0.281	ug/l #	26
71) Bromoform	12.853	173	508	0.249	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	87386	24.775	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	87386	83.703	ug/l #	15
95) Naphthalene	15.647	128	2828	0.345	ug/l #	86

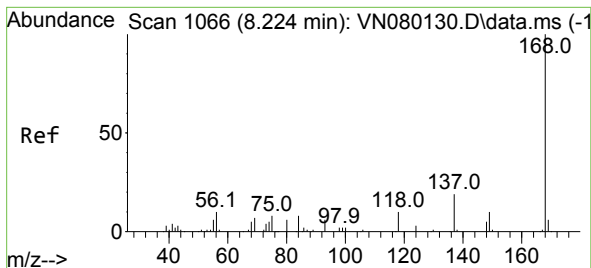
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111823\
Data File : VN080185.D
Acq On : 18 Nov 2023 14:55
Operator : JC\MD
Sample : 05425-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 20 01:25:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN080185.D

Acq: 18 Nov 2023 14:55

Instrument :

MSVOA_N

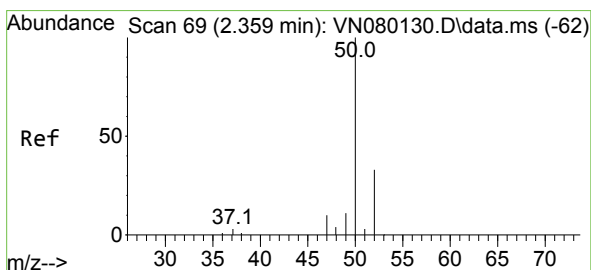
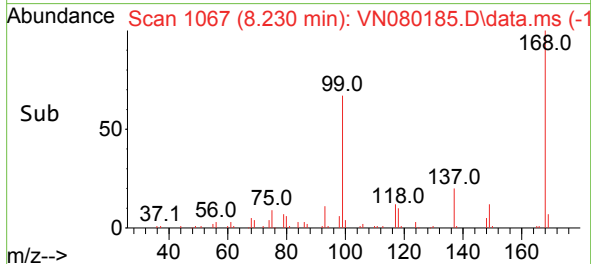
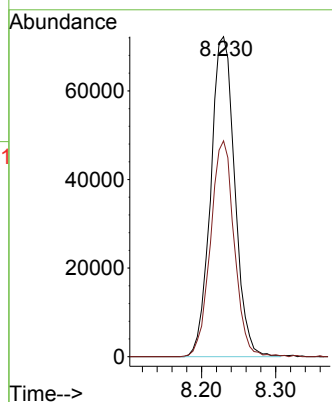
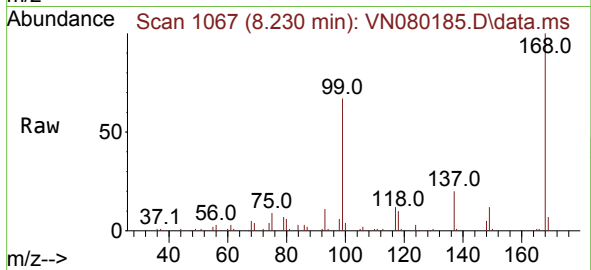
ClientSampleId :

Tgt Ion:168 Resp: 162423

Ion Ratio Lower Upper

168 100

99 67.5 53.0 79.6



#3

Chloromethane

Concen: 0.234 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080185.D

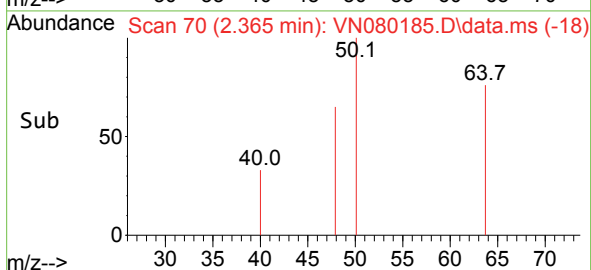
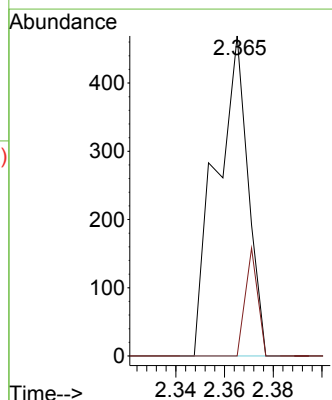
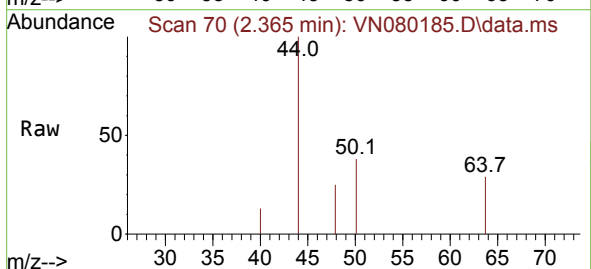
Acq: 18 Nov 2023 14:55

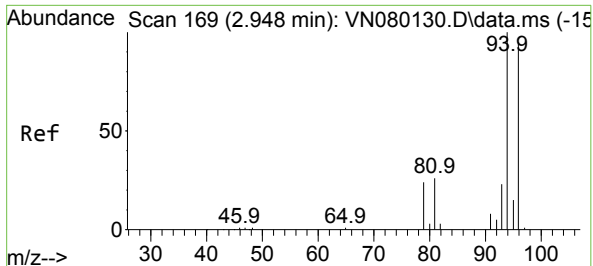
Tgt Ion: 50 Resp: 425

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#

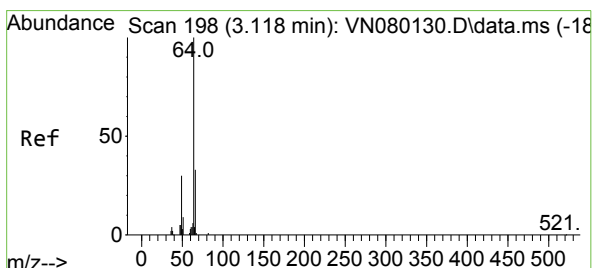
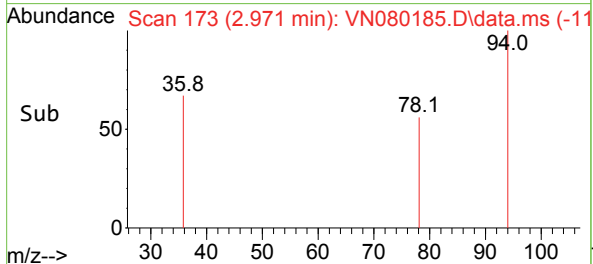
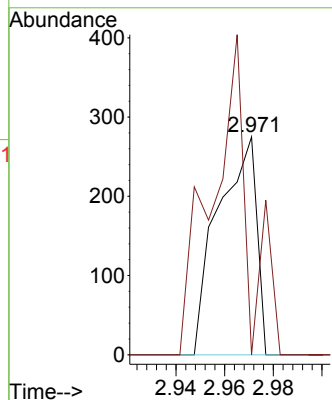
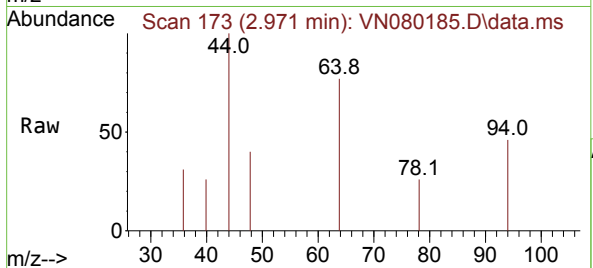




#5
Bromomethane
Concen: 0.230 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN080185.D
Acq: 18 Nov 2023 14:55

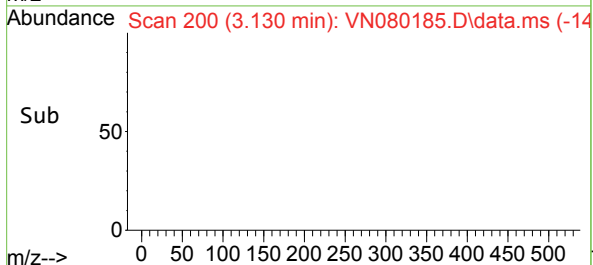
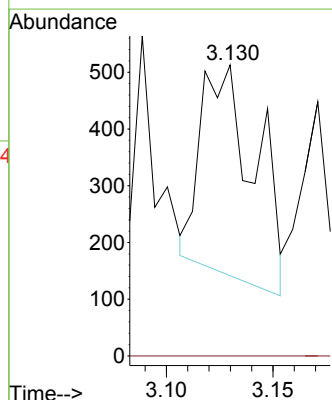
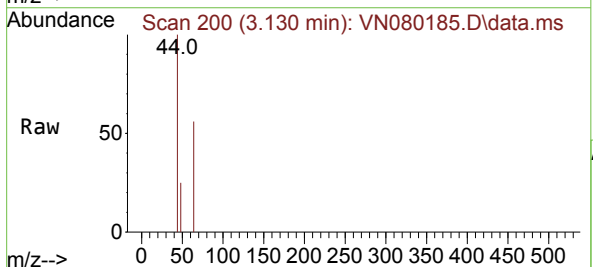
Instrument :
MSVOA_N
ClientSampleId :

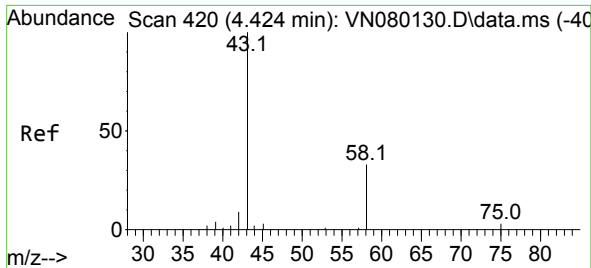
Tgt Ion: 94 Resp: 301
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN080185.D
Acq: 18 Nov 2023 14:55

Tgt Ion: 64 Resp: 643
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#16

Acetone

Concen: 0.566 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN080185.D

Acq: 18 Nov 2023 14:55

Instrument :

MSVOA_N

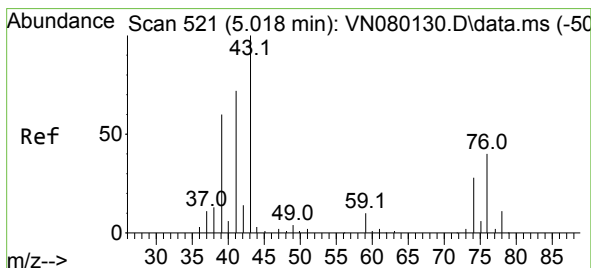
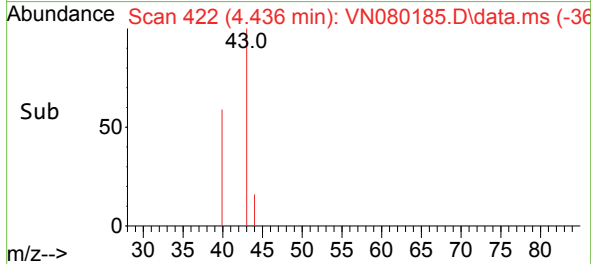
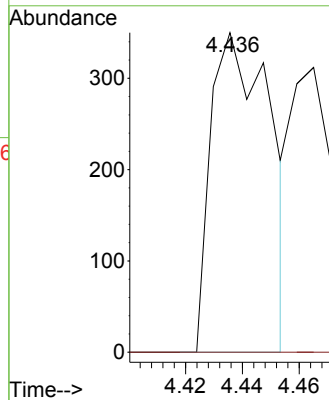
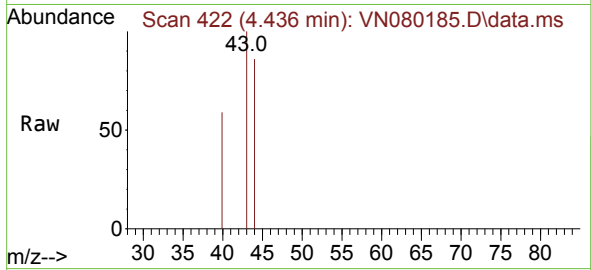
ClientSampleId :

Tgt Ion: 43 Resp: 510

Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#



#18

Methyl Acetate

Concen: 0.244 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN080185.D

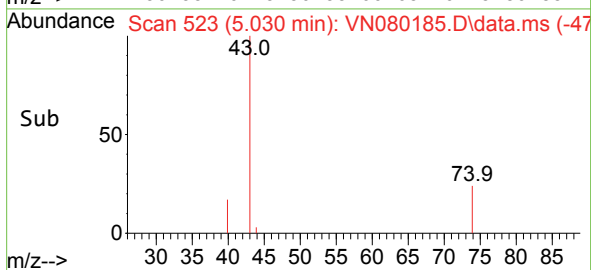
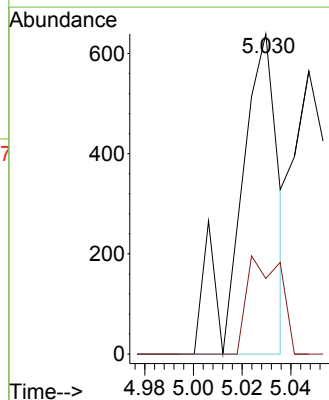
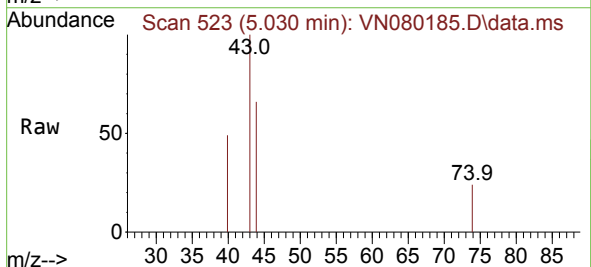
Acq: 18 Nov 2023 14:55

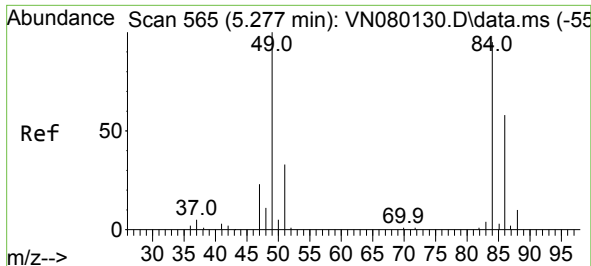
Tgt Ion: 43 Resp: 706

Ion Ratio Lower Upper

43 100

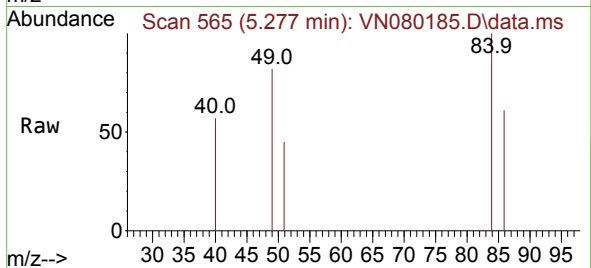
74 26.5 26.2 39.4





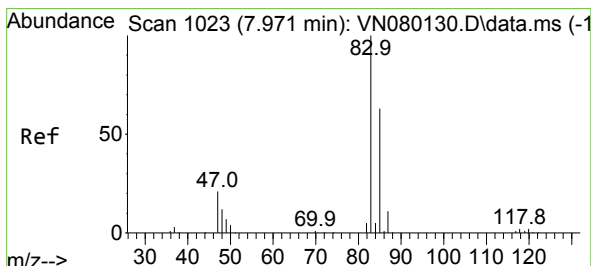
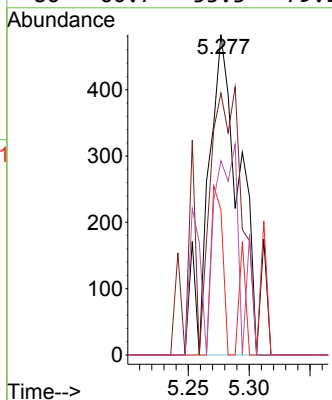
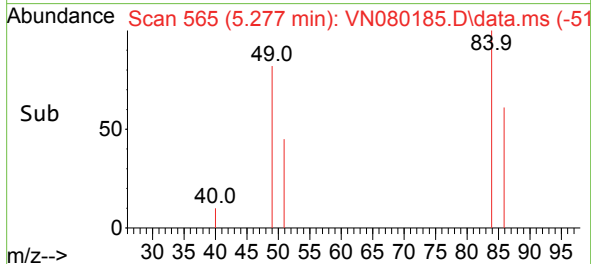
#20
Methylene Chloride
Concen: 0.486 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080185.D
Acq: 18 Nov 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 916

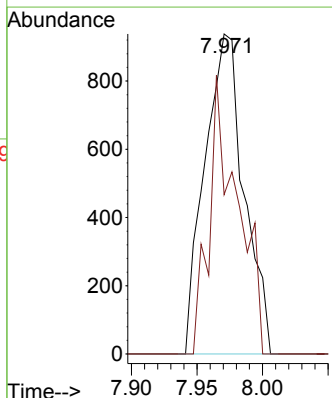
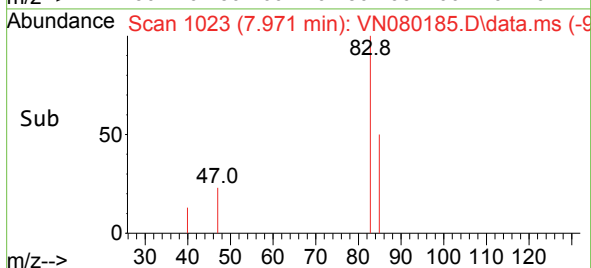
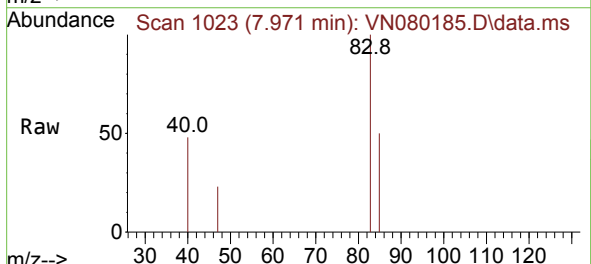
Ion	Ratio	Lower	Upper
84	100		
49	81.8	79.7	119.5
51	45.3	25.2	37.8#
86	60.7	53.3	79.9

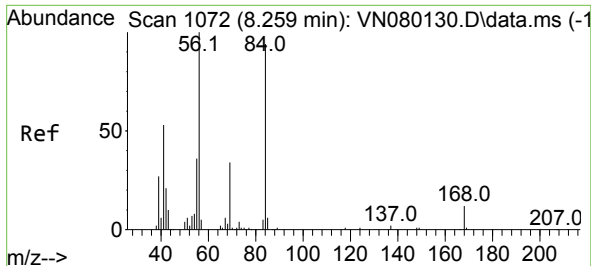


#30
Chloroform
Concen: 0.503 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN080185.D
Acq: 18 Nov 2023 14:55

Tgt Ion: 83 Resp: 1957

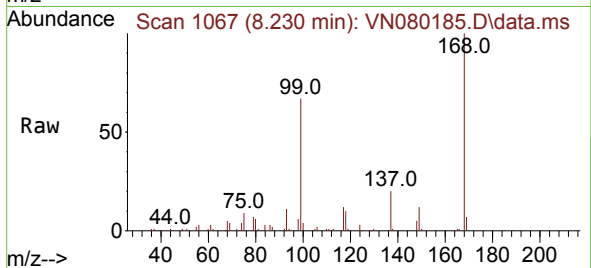
Ion	Ratio	Lower	Upper
83	100		
85	49.8	55.4	83.0#



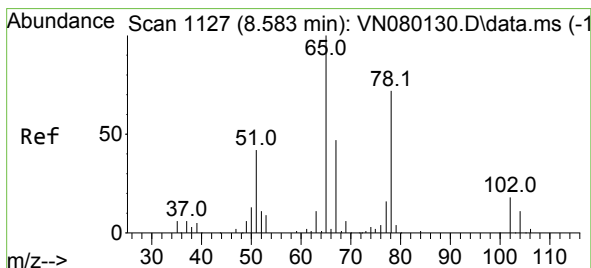
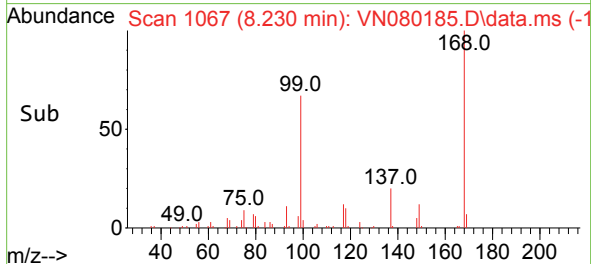
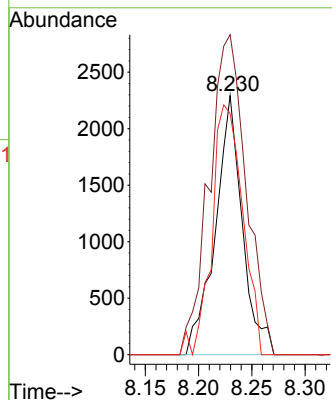


#31
Cyclohexane
Concen: 1.388 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN080185.D
Acq: 18 Nov 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :

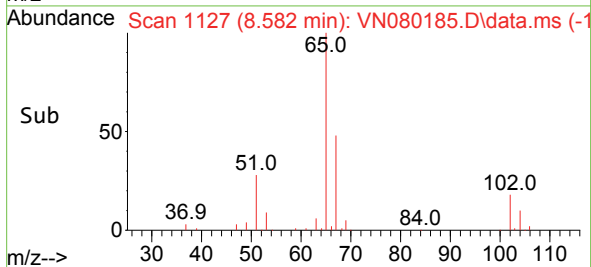
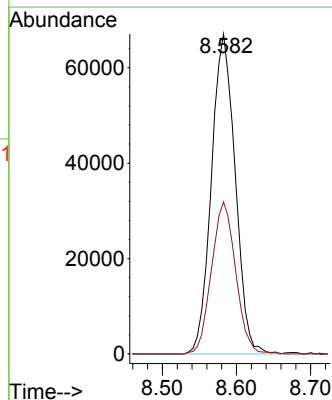
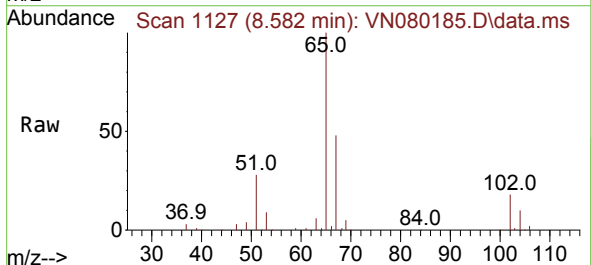


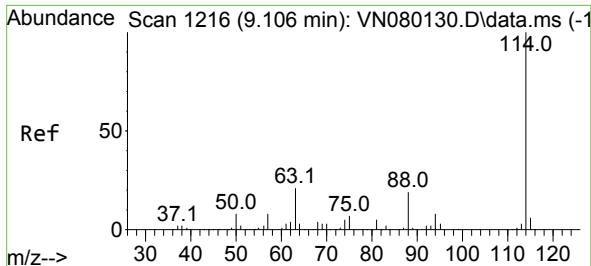
Tgt Ion: 56 Resp: 4047
Ion Ratio Lower Upper
56 100
69 123.6 26.8 40.2#
84 93.2 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 55.755 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080185.D
Acq: 18 Nov 2023 14:55

Tgt Ion: 65 Resp: 149527
Ion Ratio Lower Upper
65 100
67 48.4 0.0 106.6

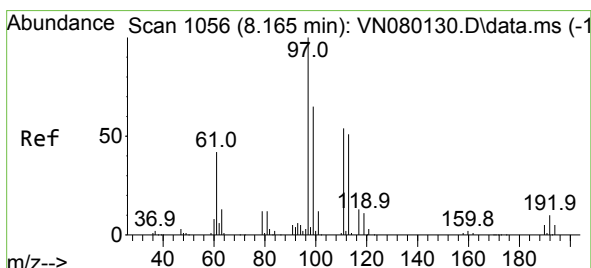
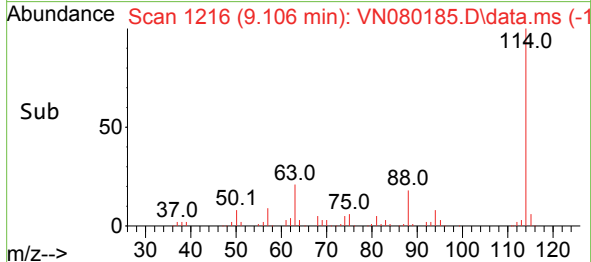
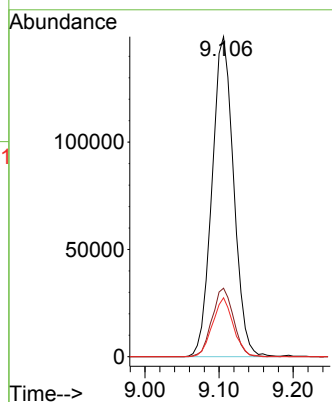
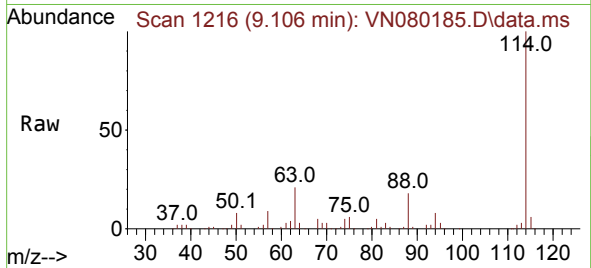




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080185.D
Acq: 18 Nov 2023 14:55

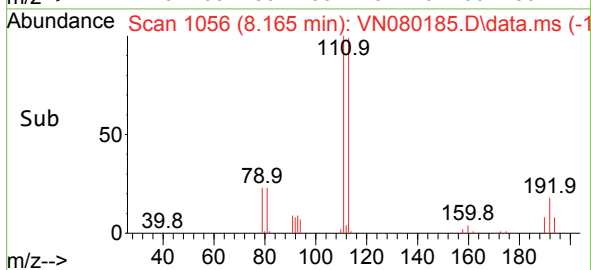
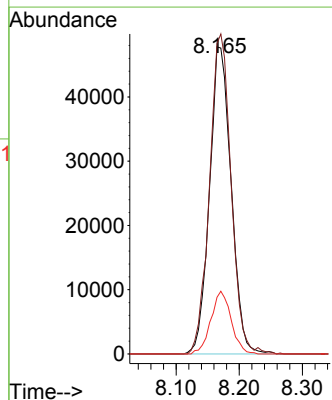
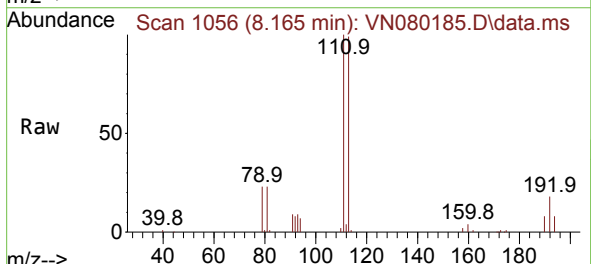
Instrument :
MSVOA_N
ClientSampleId :

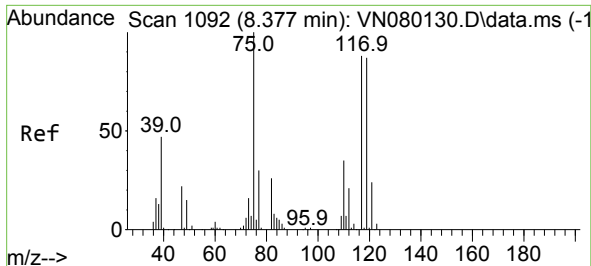
Tgt Ion:114 Resp: 302431
Ion Ratio Lower Upper
114 100
63 21.4 0.0 36.4
88 18.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.088 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080185.D
Acq: 18 Nov 2023 14:55

Tgt Ion:113 Resp: 114005
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 19.2 12.7 19.1#

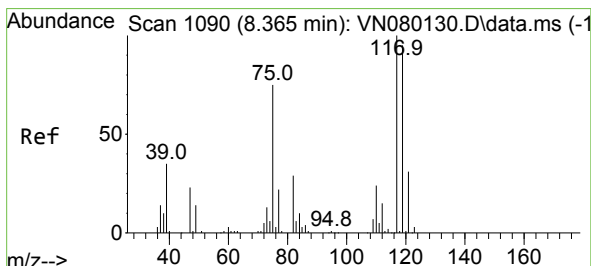
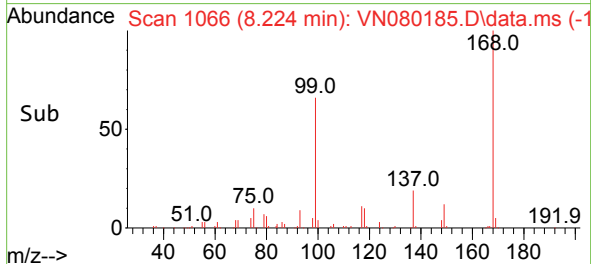
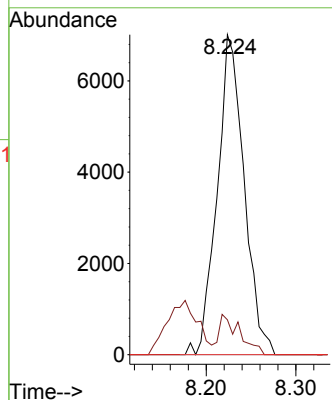
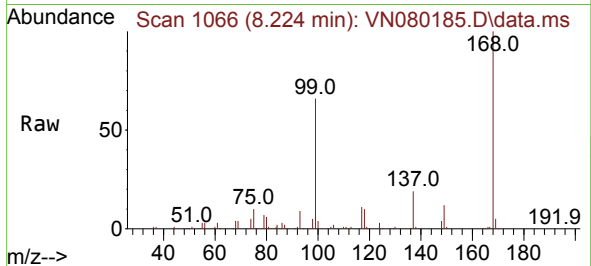




#36
1,1-Dichloropropene
Concen: 4.518 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080185.D
Acq: 18 Nov 2023 14:55

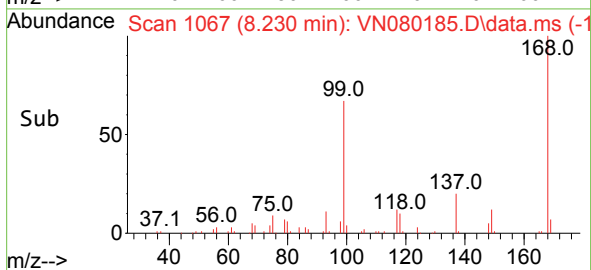
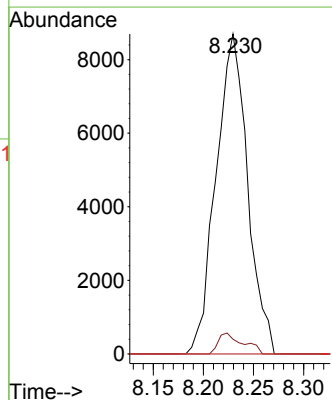
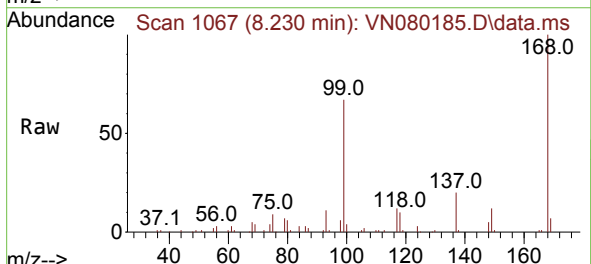
Instrument :
MSVOA_N
ClientSampleId :

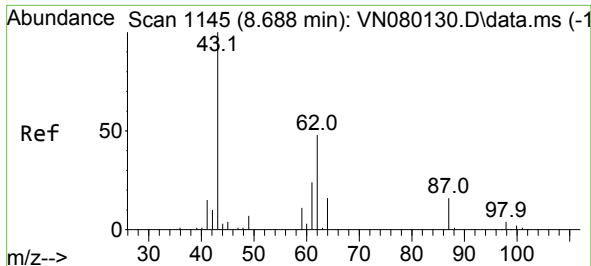
Tgt Ion: 75 Resp: 14596
Ion Ratio Lower Upper
75 100
110 9.7 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.644 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN080185.D
Acq: 18 Nov 2023 14:55

Tgt Ion: 117 Resp: 19041
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 23.3 34.9#

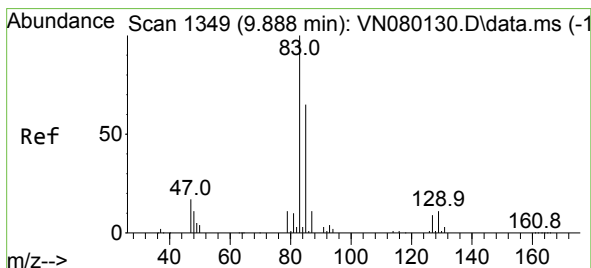
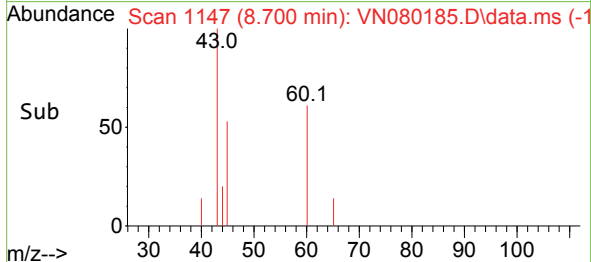
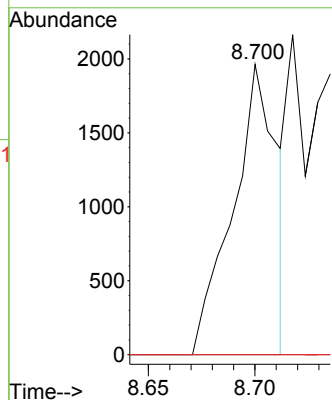
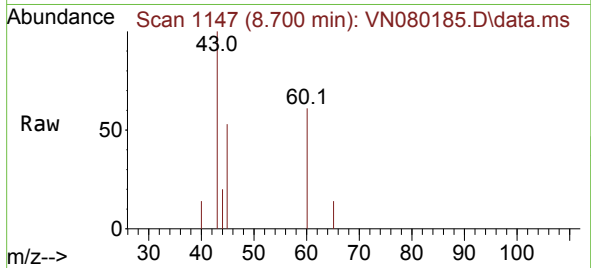




#43
Isopropyl Acetate
Concen: 0.647 ug/l
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN080185.D
Acq: 18 Nov 2023 14:55

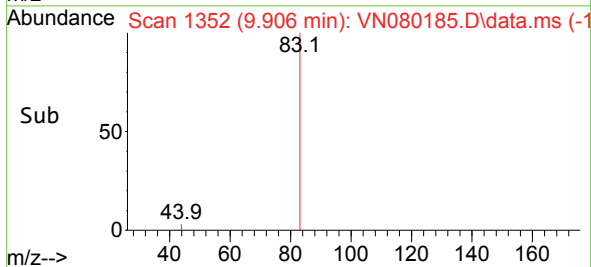
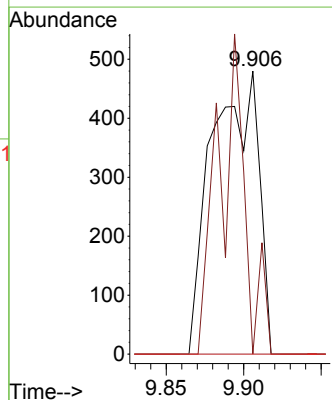
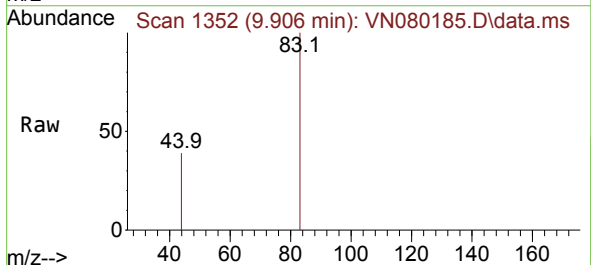
Instrument :
MSVOA_N
ClientSampleId :

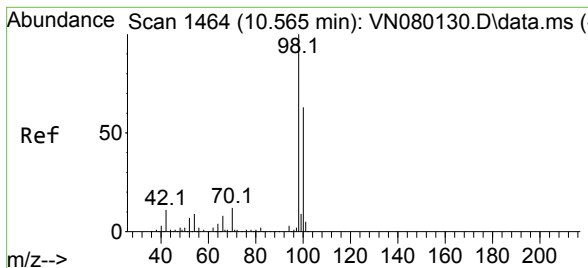
Tgt Ion: 43 Resp: 2822
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#47
Bromodichloromethane
Concen: 0.281 ug/l
RT: 9.906 min Scan# 1352
Delta R.T. 0.017 min
Lab File: VN080185.D
Acq: 18 Nov 2023 14:55

Tgt Ion: 83 Resp: 999
Ion Ratio Lower Upper
83 100
85 0.0 49.6 74.4#
127 0.0 7.0 10.6#

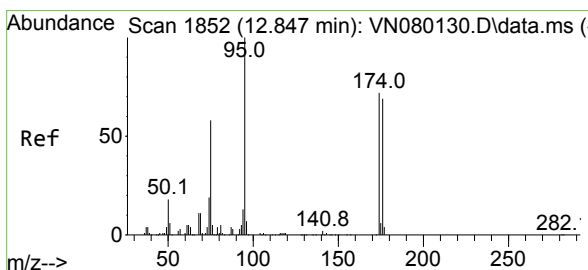
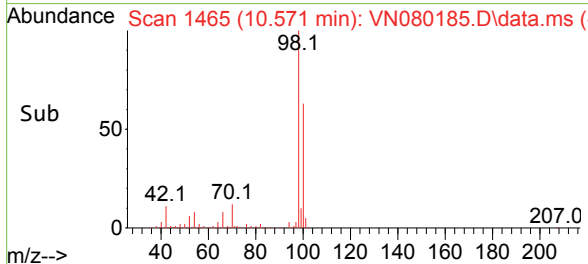
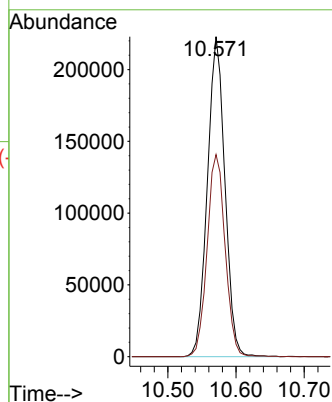
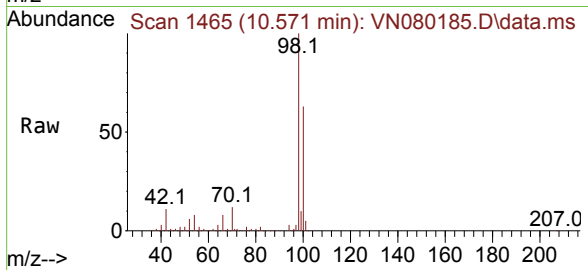




#50
Toluene-d8
Concen: 49.627 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080185.D
Acq: 18 Nov 2023 14:55

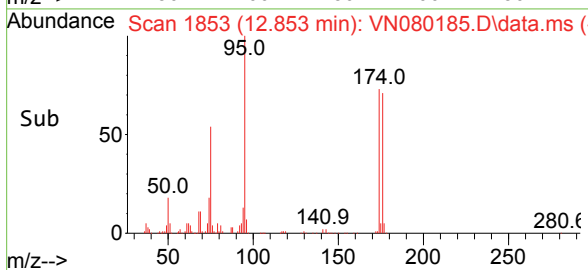
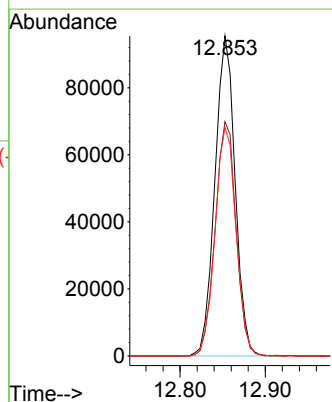
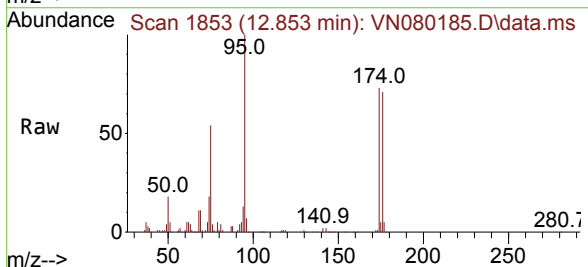
Instrument :
MSVOA_N
ClientSampleId :

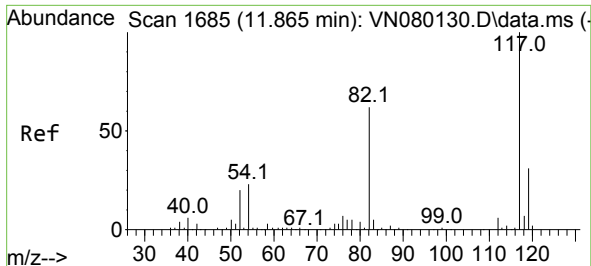
Tgt Ion: 98 Resp: 399214
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.652 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080185.D
Acq: 18 Nov 2023 14:55

Tgt Ion: 95 Resp: 156943
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 74.2 0.0 135.8

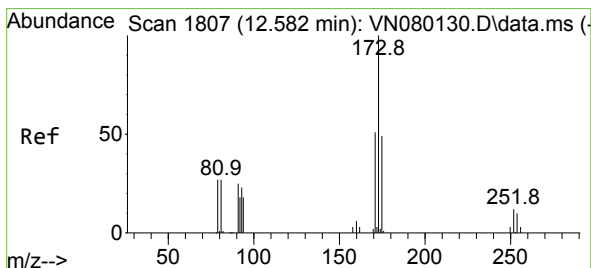
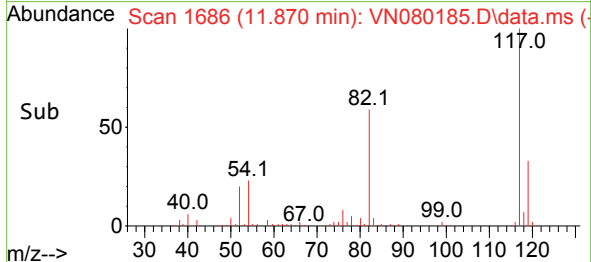
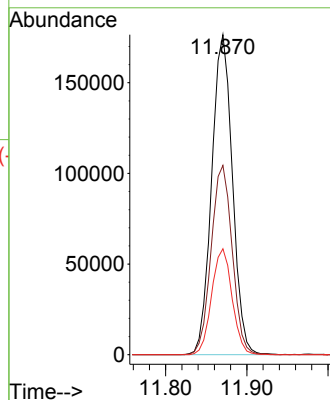
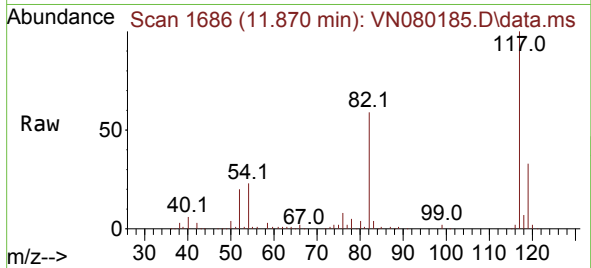




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080185.D
Acq: 18 Nov 2023 14:55

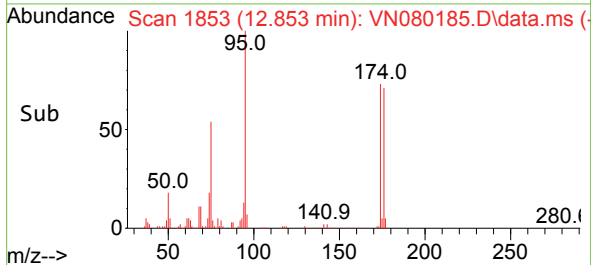
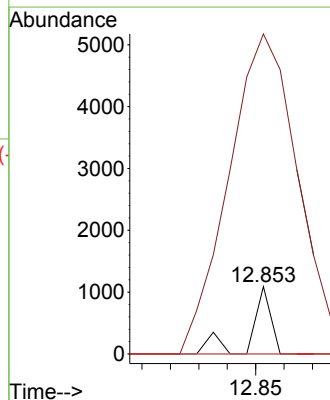
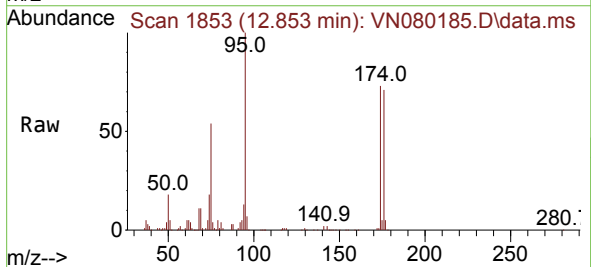
Instrument :
MSVOA_N
ClientSampleId :

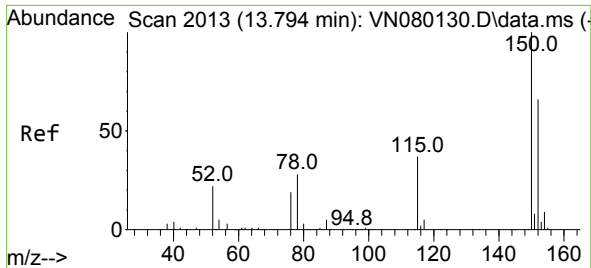
Tgt Ion:117 Resp: 313454
Ion Ratio Lower Upper
117 100
82 59.1 44.0 66.0
119 33.1 25.6 38.4



#71
Bromoform
Concen: 0.249 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.270 min
Lab File: VN080185.D
Acq: 18 Nov 2023 14:55

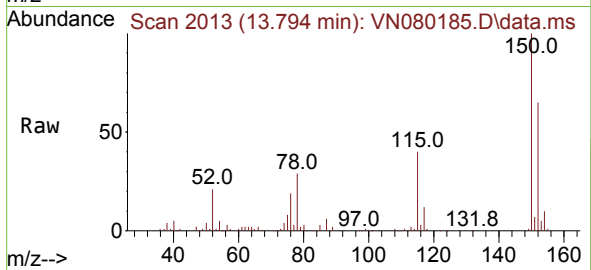
Tgt Ion:173 Resp: 508
Ion Ratio Lower Upper
173 100
175 1357.1 24.3 73.0#
254 0.0 0.0 0.0



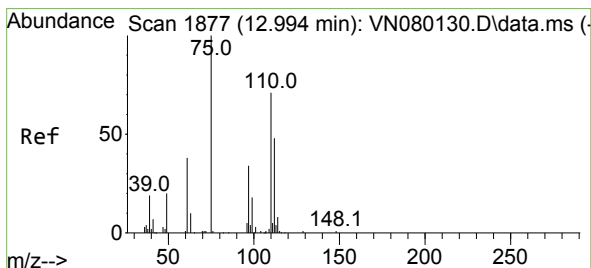
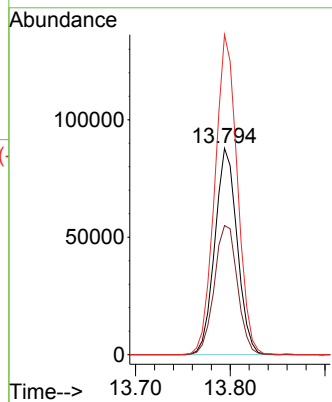
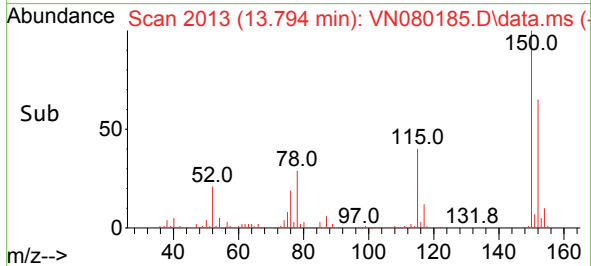


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN080185.D
Acq: 18 Nov 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :

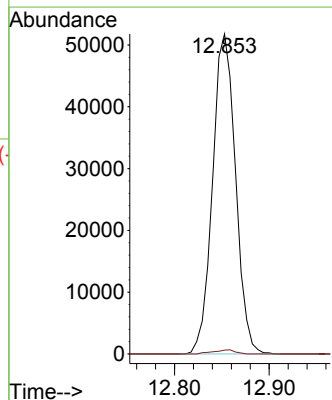
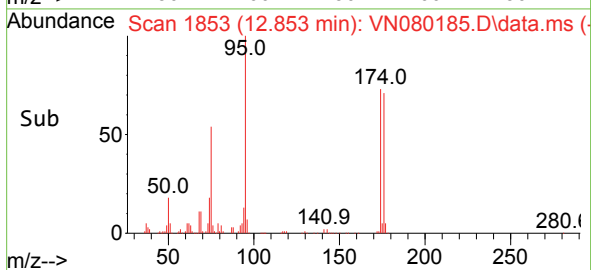
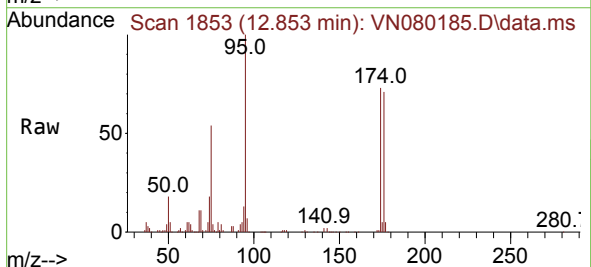


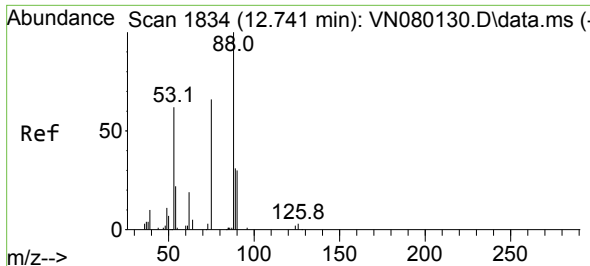
Tgt Ion:152 Resp: 143959
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 156.0 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 24.775 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080185.D
Acq: 18 Nov 2023 14:55

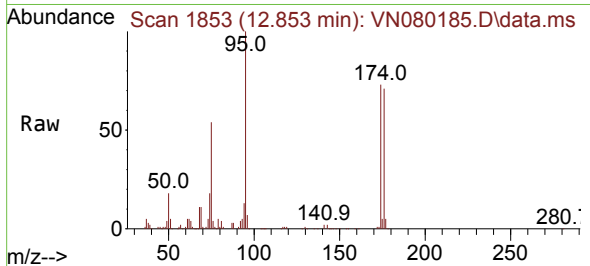
Tgt Ion: 75 Resp: 87386
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#



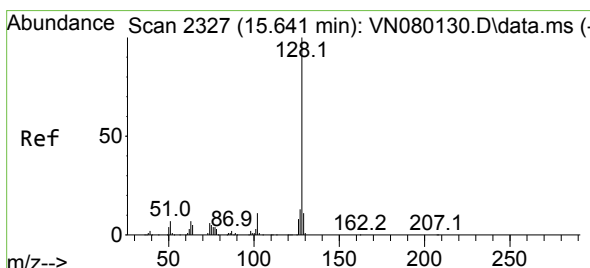
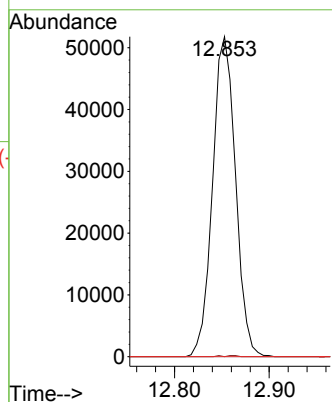
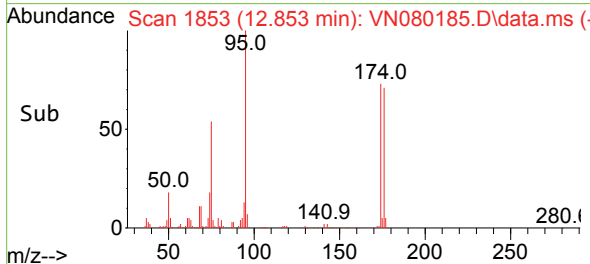


#81
trans-1,4-Dichloro-2-butene
Concen: 83.703 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN080185.D
Acq: 18 Nov 2023 14:55

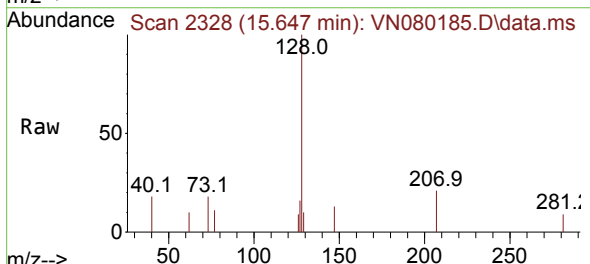
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 87386
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 0.345 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN080185.D
Acq: 18 Nov 2023 14:55



Tgt Ion: 128 Resp: 2828
Ion Ratio Lower Upper
128 100
127 9.9 10.0 15.0#
129 2.2 8.7 13.1#

