

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013123\
 Data File : VN076483.D
 Acq On : 31 Jan 2023 13:25
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 01 00:48:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

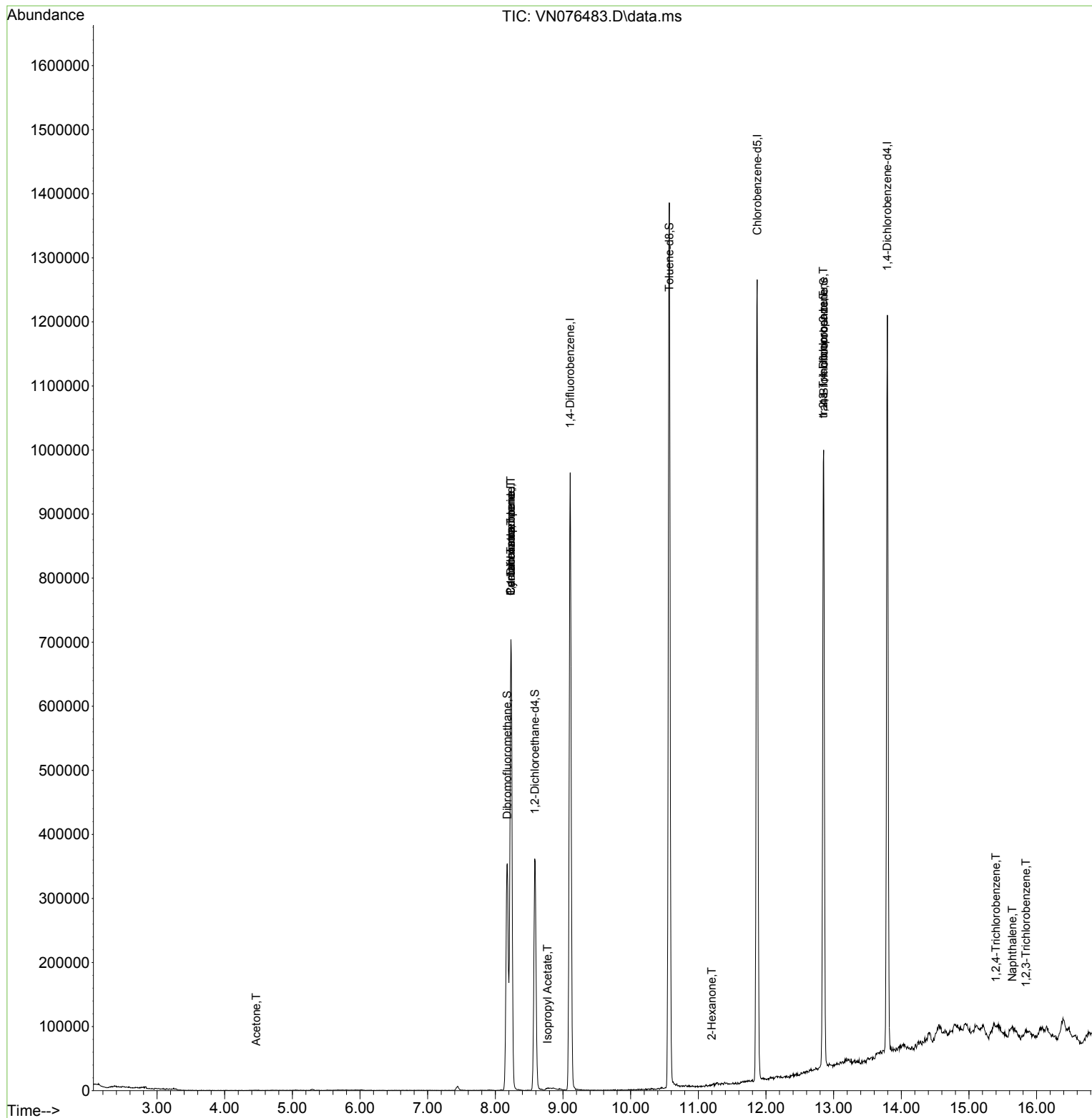
Internal Standards						
1) Pentafluorobenzene	8.230	168	526588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	862497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	756660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	321916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	308481	52.319	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.640%	
35) Dibromofluoromethane	8.177	113	256407	47.524	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.040%	
50) Toluene-d8	10.571	98	994674	49.920	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.840%	
62) 4-Bromofluorobenzene	12.853	95	337197	51.839	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.680%	
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	601	0.245	ug/l #	41
20) Methylene Chloride	5.289	84	1185	Below Cal	#	66
31) Cyclohexane	8.230	56	10091	1.114	ug/l #	8
36) 1,1-Dichloropropene	8.230	75	39959	5.212	ug/l #	50
38) Carbon Tetrachloride	8.230	117	55781	6.525	ug/l #	16
43) Isopropyl Acetate	8.771	43	2211	0.221	ug/l #	51
59) 2-Hexanone	11.200	43	1678	0.394	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	178834	30.117	ug/l #	1
77) Bromobenzene	12.982	156	279	Below Cal		84
81) trans-1,4-Dichloro-2-b...	12.847	75	178834	92.431	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.400	180	605	1.409	ug/l #	55
95) Naphthalene	15.641	128	4059	2.073	ug/l #	39
96) 1,2,3-Trichlorobenzene	15.841	180	1154	1.363	ug/l #	46

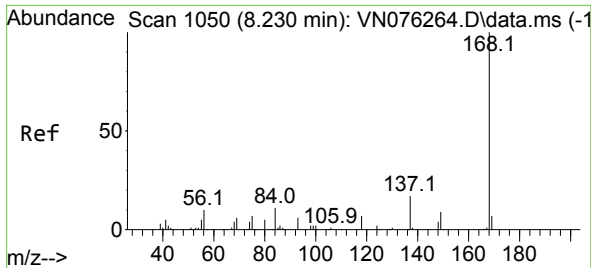
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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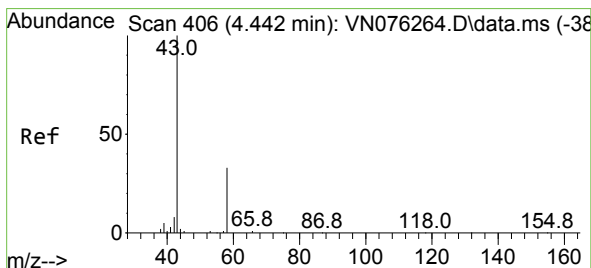
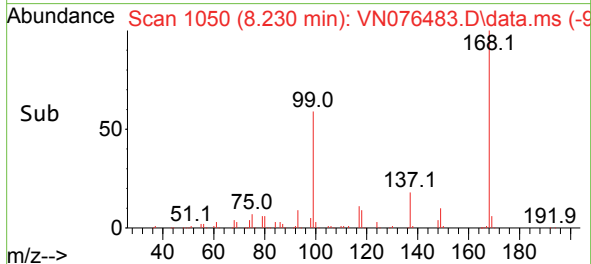
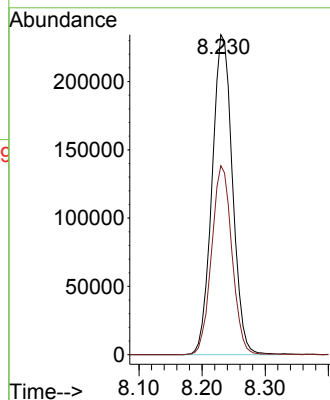
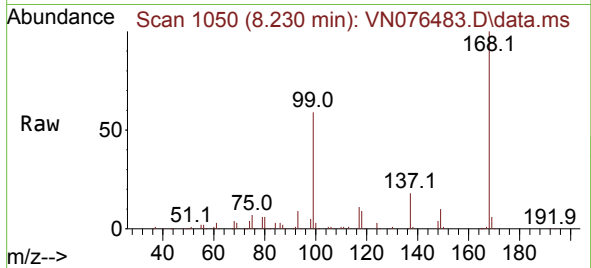




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076483.D
Acq: 31 Jan 2023 13:25

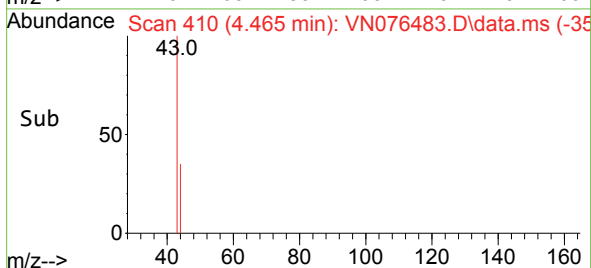
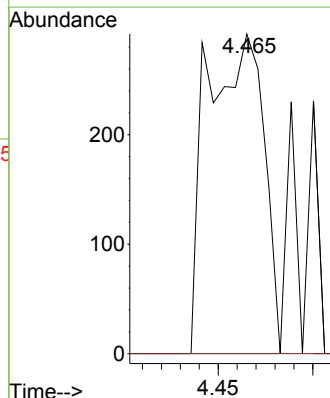
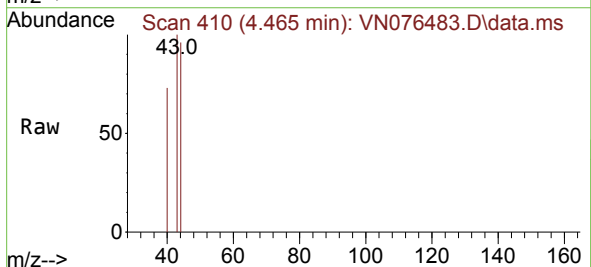
Instrument :
MSVOA_N
ClientSampleId :
IBLK

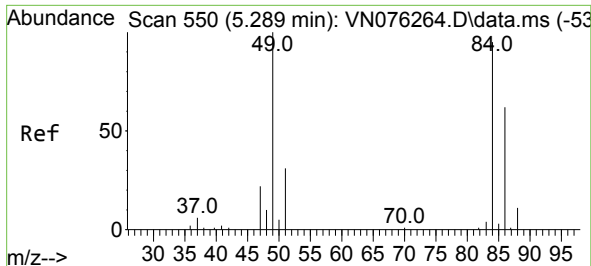
Tgt Ion:168 Resp: 526588
Ion Ratio Lower Upper
168 100
99 59.0 41.6 62.4



#16
Acetone
Concen: 0.245 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.023 min
Lab File: VN076483.D
Acq: 31 Jan 2023 13:25

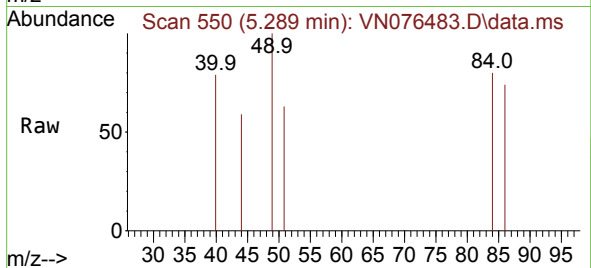
Tgt Ion: 43 Resp: 601
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



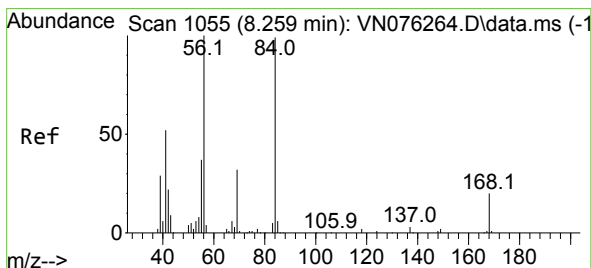
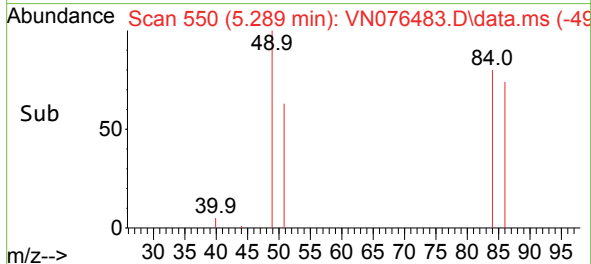
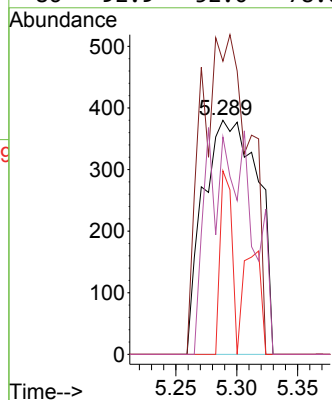


#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN076483.D
Acq: 31 Jan 2023 13:25

Instrument :
MSVOA_N
ClientSampleId :
IBLK

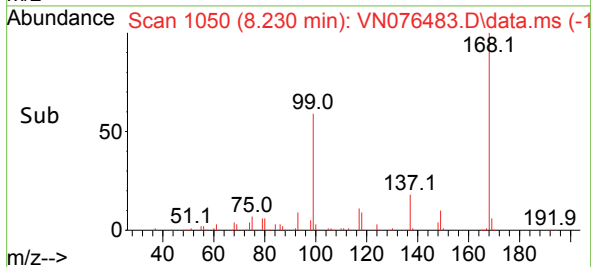
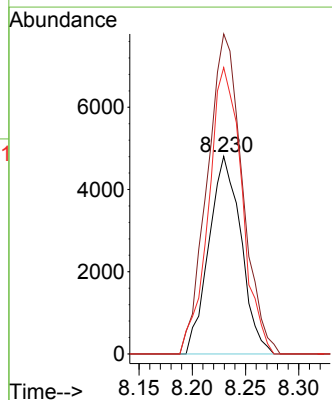
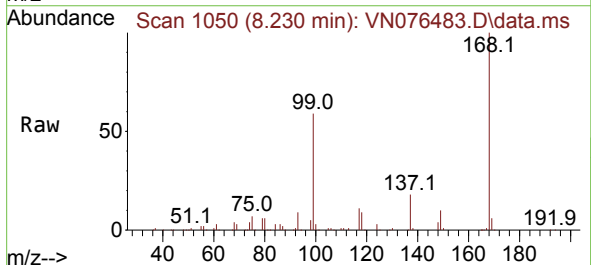


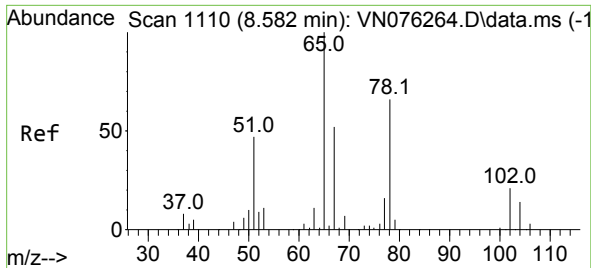
Tgt Ion: 84	Resp: 1185
Ion Ratio	Lower Upper
84	100
49	125.3 84.5 126.7
51	78.4 26.0 39.0#
86	92.9 52.0 78.0#



#31
Cyclohexane
Concen: 1.114 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN076483.D
Acq: 31 Jan 2023 13:25

Tgt Ion: 56	Resp: 10091
Ion Ratio	Lower Upper
56	100
69	162.0 25.8 38.8#
84	145.0 79.0 118.4#





#33

1,2-Dichloroethane-d4

Concen: 52.319 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076483.D

Acq: 31 Jan 2023 13:25

Instrument :

MSVOA_N

ClientSampleId :

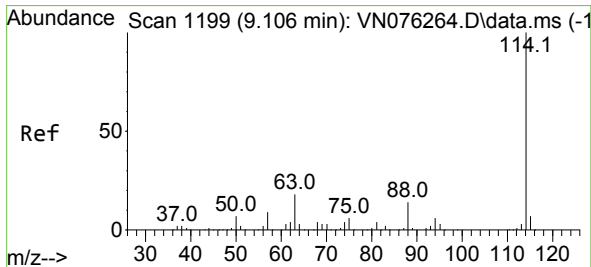
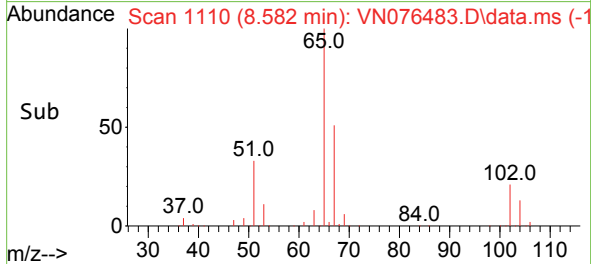
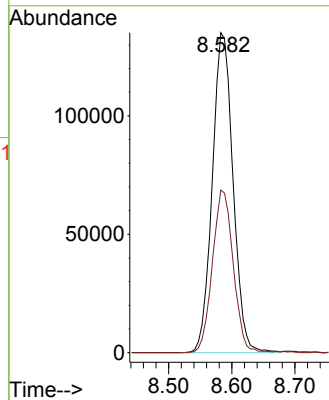
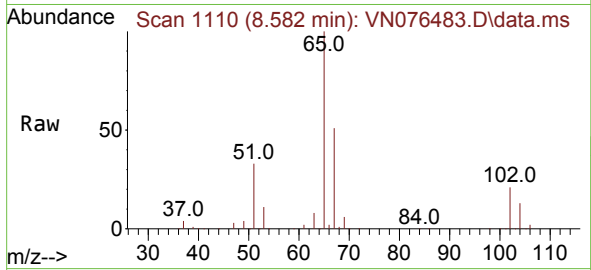
IBLK

Tgt Ion: 65 Resp: 308481

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076483.D

Acq: 31 Jan 2023 13:25

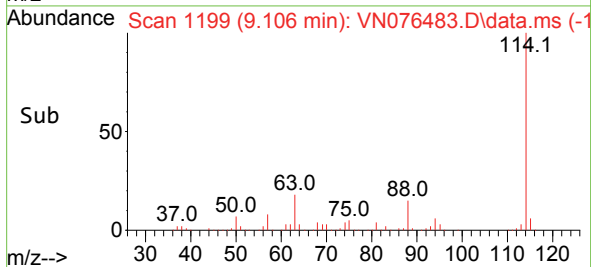
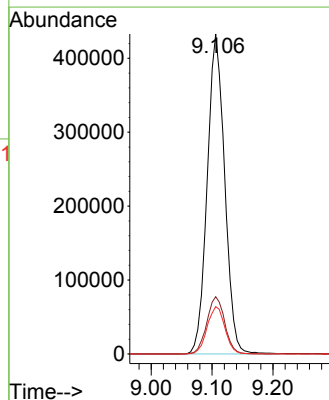
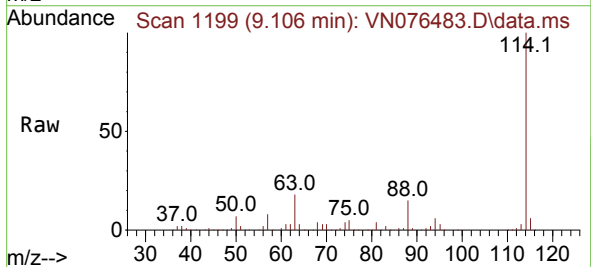
Tgt Ion: 114 Resp: 862497

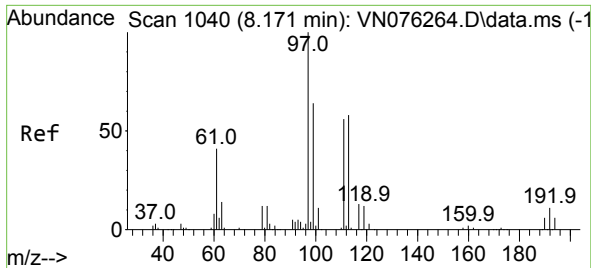
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.8

88 14.8 0.0 28.0

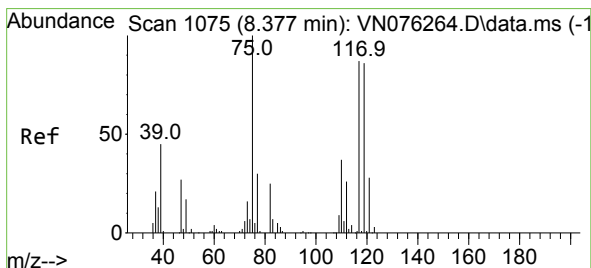
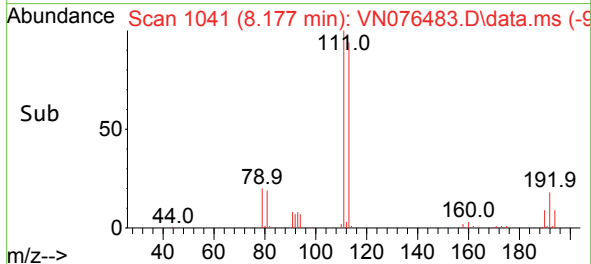
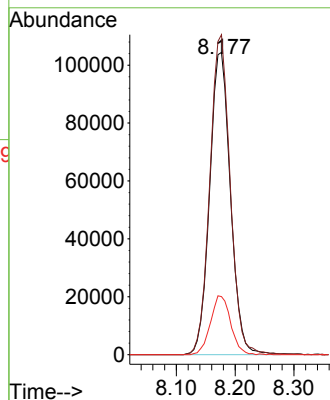
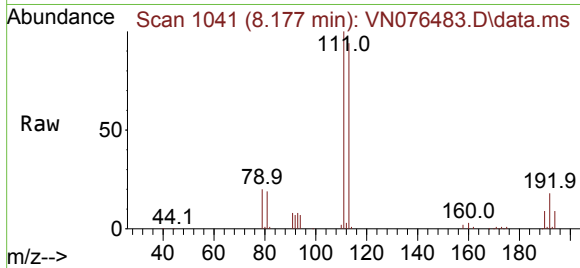




#35
Dibromofluoromethane
Concen: 47.524 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076483.D
Acq: 31 Jan 2023 13:25

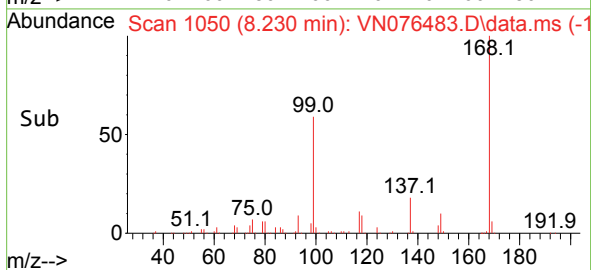
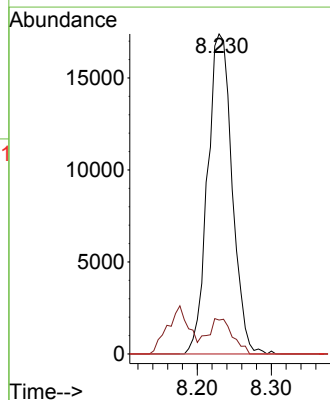
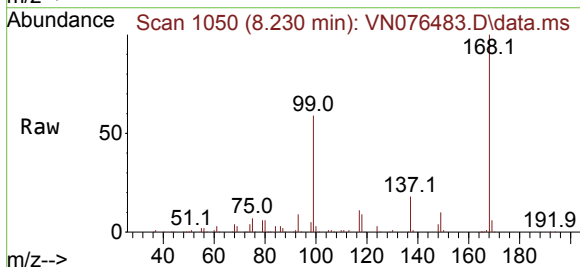
Instrument :
MSVOA_N
ClientSampleId :
IBLK

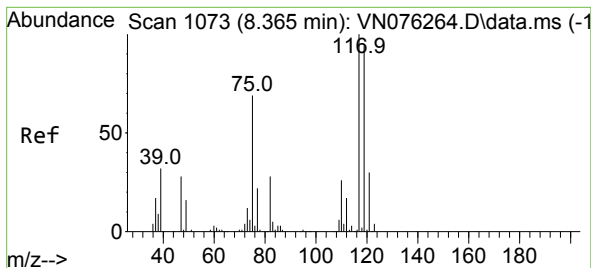
Tgt Ion:113 Resp: 256407
Ion Ratio Lower Upper
113 100
111 104.1 82.7 124.1
192 19.0 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.212 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076483.D
Acq: 31 Jan 2023 13:25

Tgt Ion: 75 Resp: 39959
Ion Ratio Lower Upper
75 100
110 10.4 18.8 56.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.525 ug/l

RT: 8.230 min Scan# 110

Delta R.T. -0.135 min

Lab File: VN076483.D

Acq: 31 Jan 2023 13:25

Instrument :

MSVOA_N

ClientSampleId :

IBLK

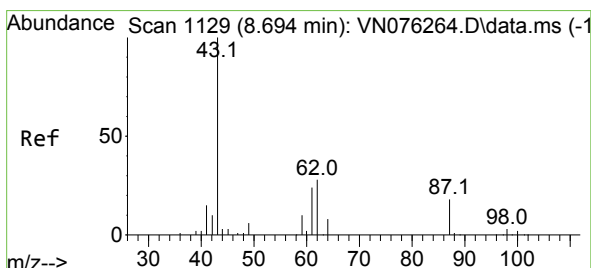
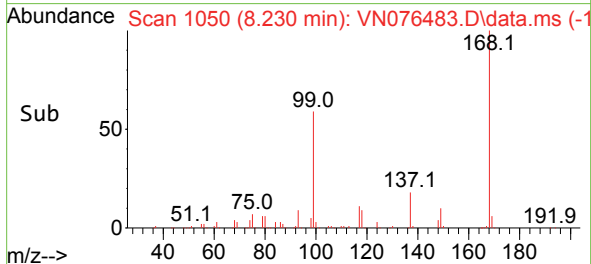
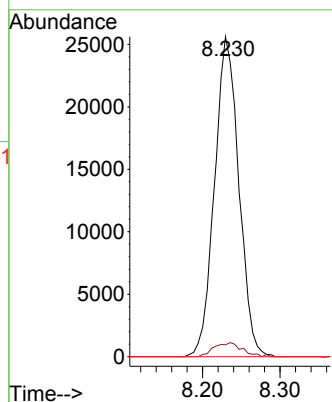
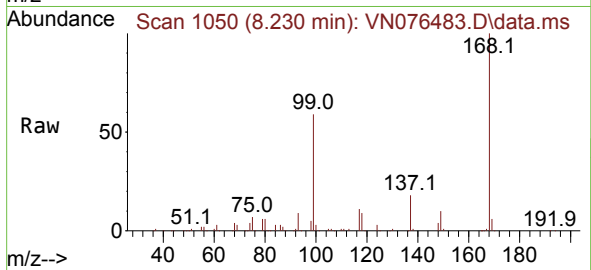
Tgt Ion:117 Resp: 55781

Ion Ratio Lower Upper

117 100

119 3.7 75.4 113.0#

121 0.0 24.2 36.2#



#43

Isopropyl Acetate

Concen: 0.221 ug/l

RT: 8.771 min Scan# 1142

Delta R.T. 0.077 min

Lab File: VN076483.D

Acq: 31 Jan 2023 13:25

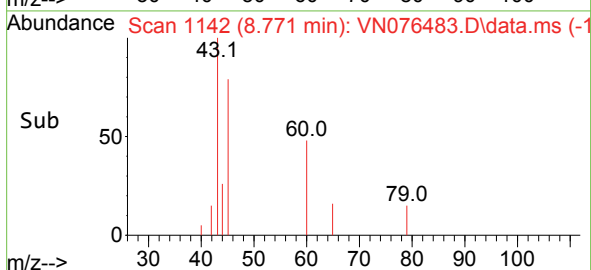
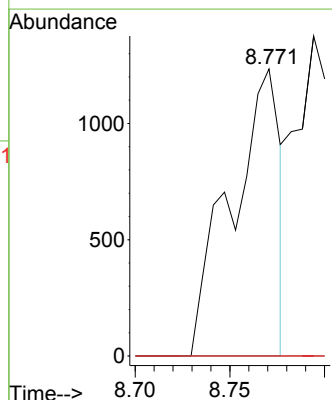
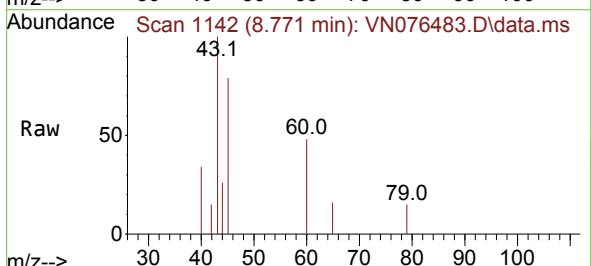
Tgt Ion: 43 Resp: 2211

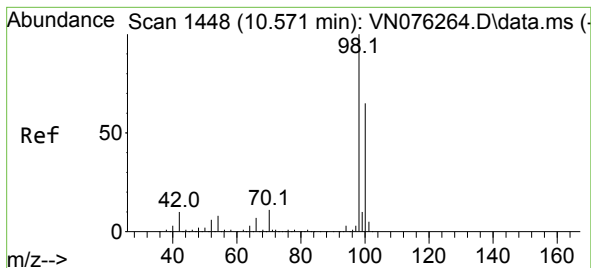
Ion Ratio Lower Upper

43 100

61 0.0 23.5 35.3#

87 0.0 13.8 20.6#

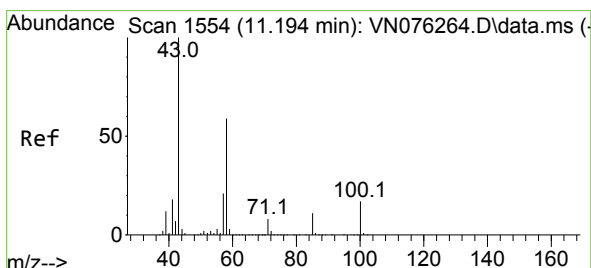
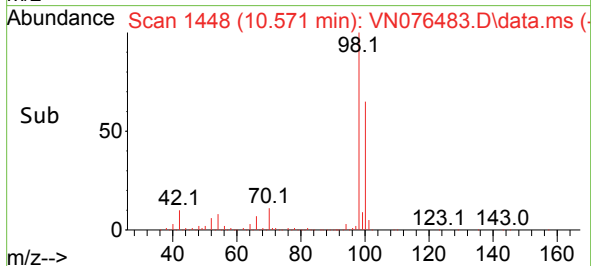
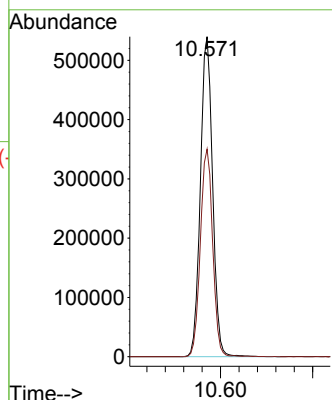
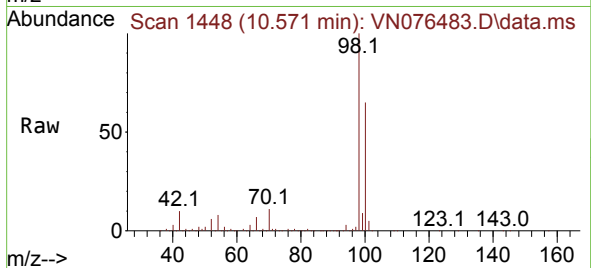




#50
Toluene-d8
Concen: 49.920 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076483.D
Acq: 31 Jan 2023 13:25

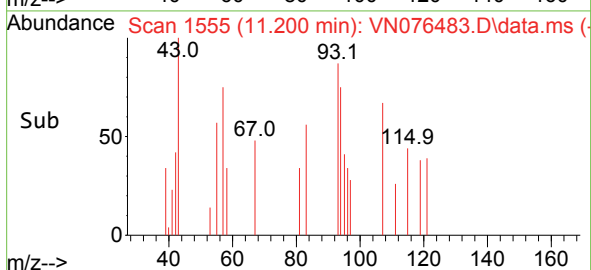
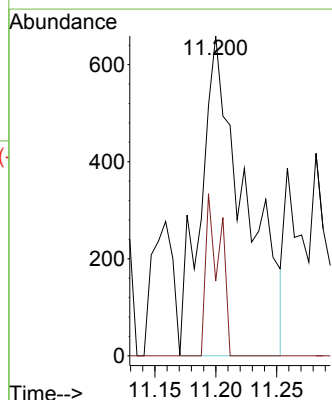
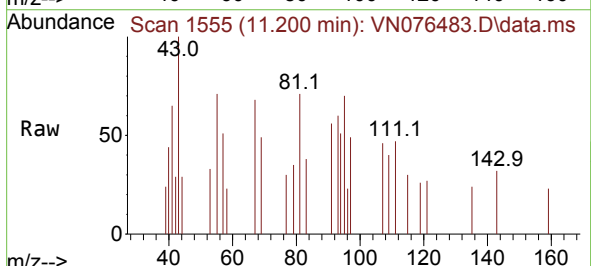
Instrument :
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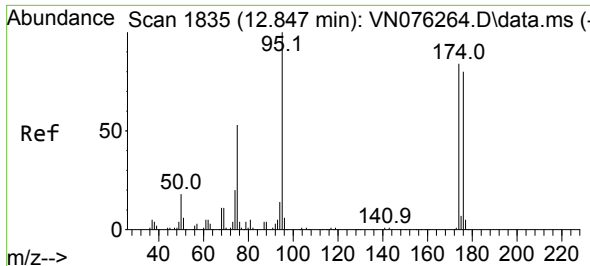
Tgt Ion: 98 Resp: 994674
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#59
2-Hexanone
Concen: 0.394 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076483.D
Acq: 31 Jan 2023 13:25

Tgt Ion: 43 Resp: 1678
Ion Ratio Lower Upper
43 100
58 16.3 30.1 90.3#

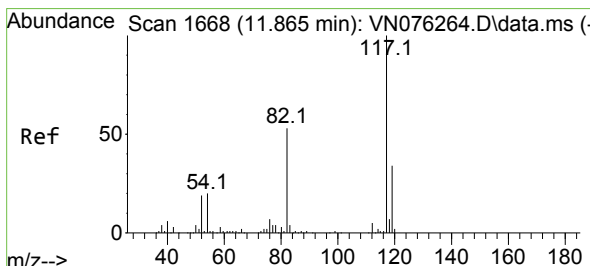
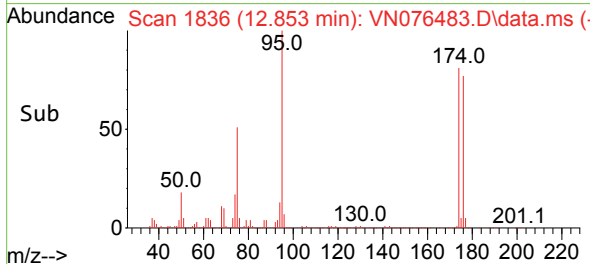
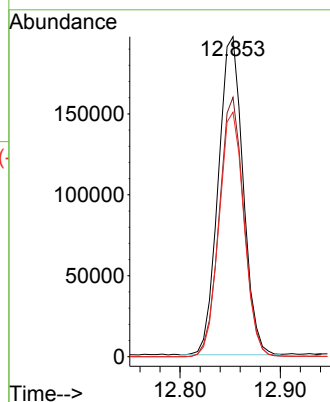
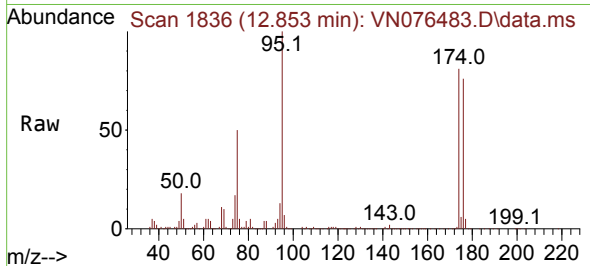




#62
4-Bromofluorobenzene
Concen: 51.839 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076483.D
Acq: 31 Jan 2023 13:25

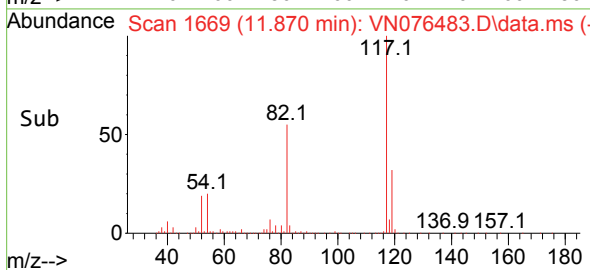
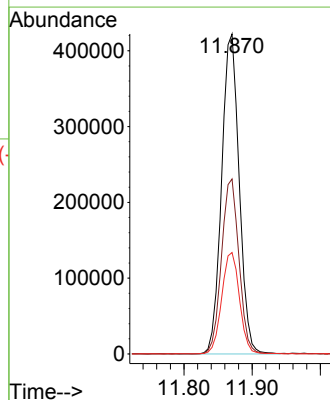
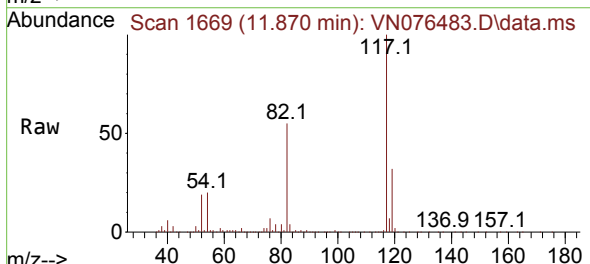
Instrument :
MSVOA_N
ClientSampleId :
IBLK

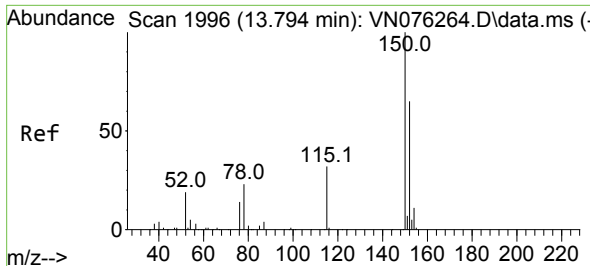
Tgt Ion: 95 Resp: 337197
Ion Ratio Lower Upper
95 100
174 81.1 0.0 174.6
176 77.7 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076483.D
Acq: 31 Jan 2023 13:25

Tgt Ion: 117 Resp: 756660
Ion Ratio Lower Upper
117 100
82 54.6 42.2 63.2
119 31.7 26.9 40.3

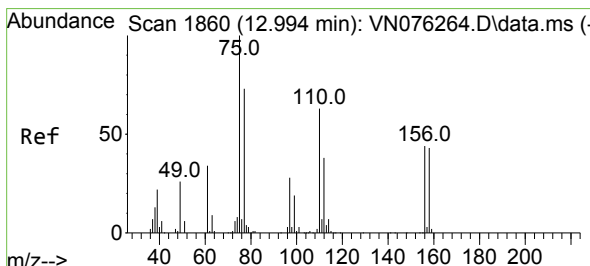
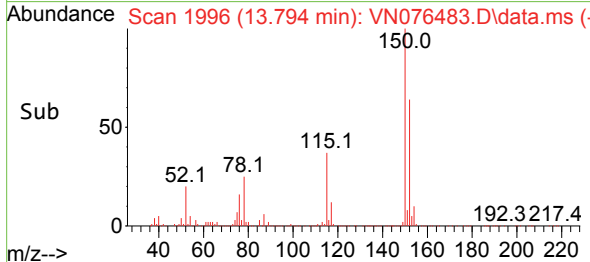
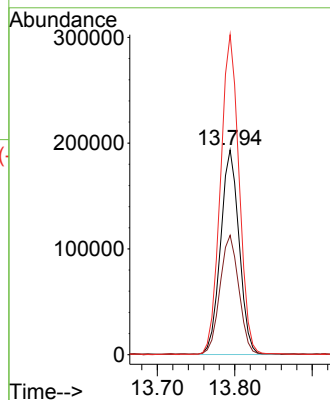
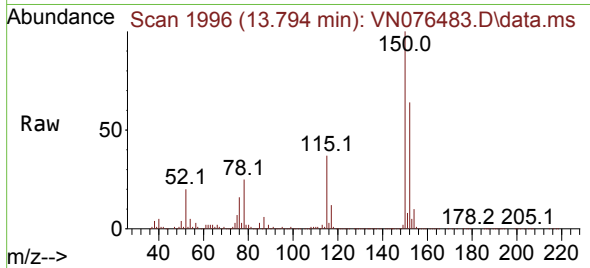




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076483.D
 Acq: 31 Jan 2023 13:25

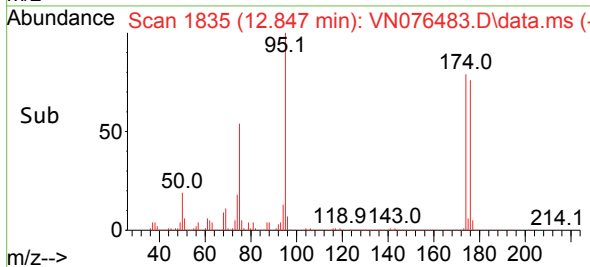
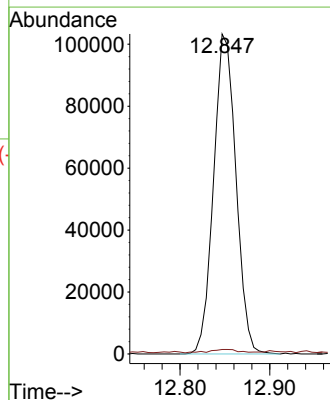
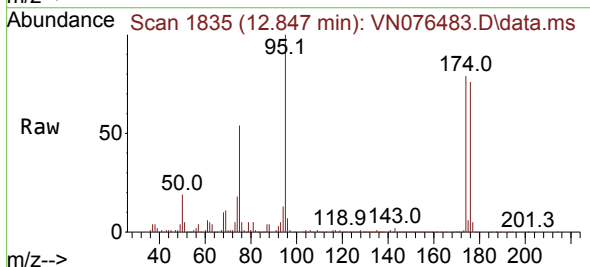
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

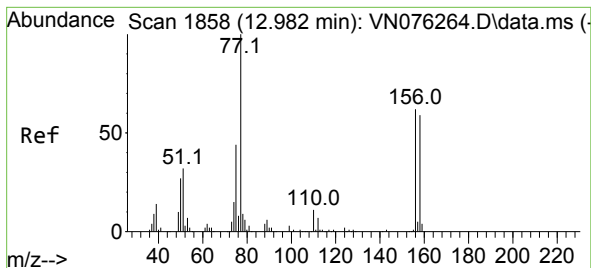
Tgt Ion:152 Resp: 321916
 Ion Ratio Lower Upper
 152 100
 115 58.7 29.6 88.9
 150 156.5 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 30.117 ug/l
 RT: 12.847 min Scan# 1835
 Delta R.T. -0.147 min
 Lab File: VN076483.D
 Acq: 31 Jan 2023 13:25

Tgt Ion: 75 Resp: 178834
 Ion Ratio Lower Upper
 75 100
 77 1.4 75.2 225.6#





#77

Bromobenzene

Concen: Below Cal

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076483.D

Acq: 31 Jan 2023 13:25

Instrument :

MSVOA_N

ClientSampleId :

IBLK

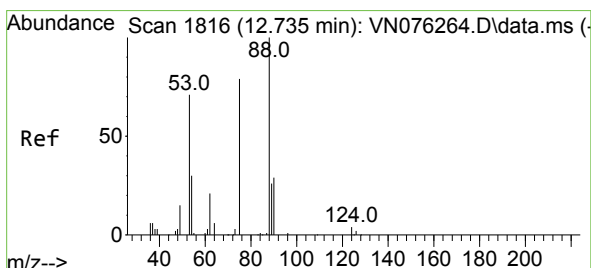
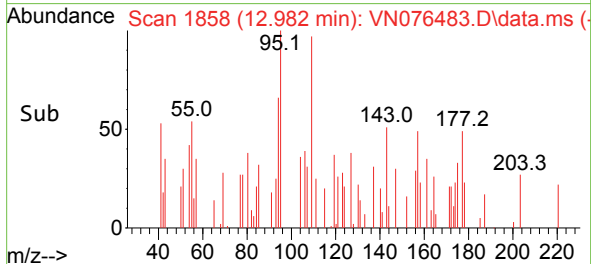
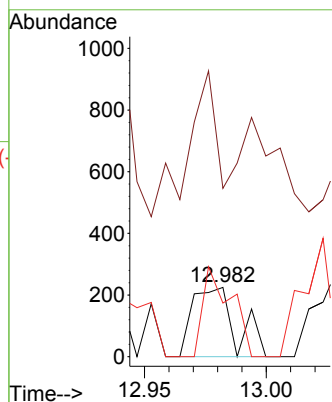
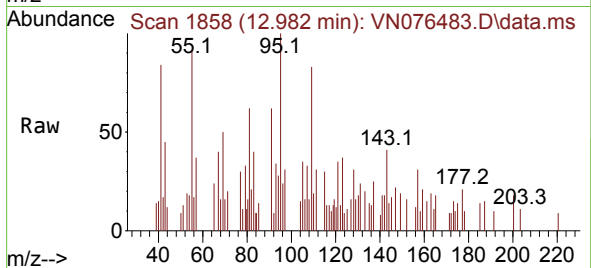
Tgt Ion:156 Resp: 279

Ion Ratio Lower Upper

156 100

77 161.3 93.4 280.2

158 84.6 48.4 145.2



#81

trans-1,4-Dichloro-2-butene

Concen: 92.431 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.112 min

Lab File: VN076483.D

Acq: 31 Jan 2023 13:25

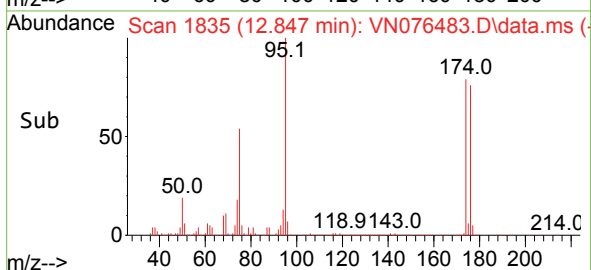
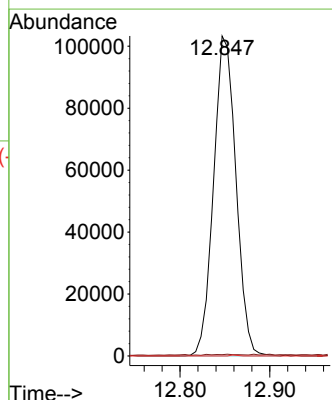
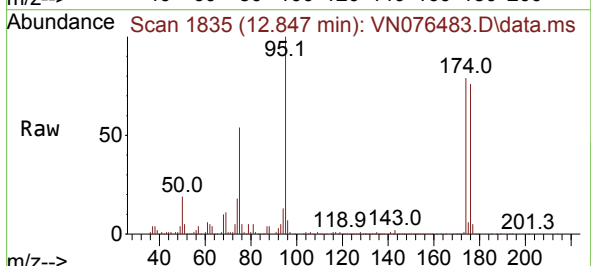
Tgt Ion: 75 Resp: 178834

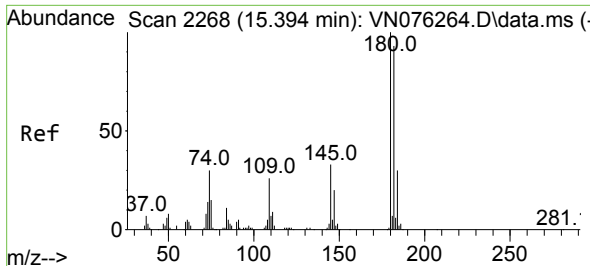
Ion Ratio Lower Upper

75 100

53 0.4 75.8 113.8#

89 0.1 37.0 55.6#

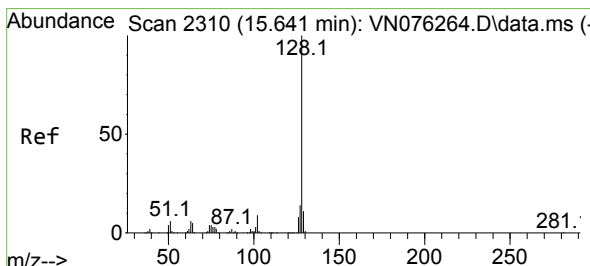
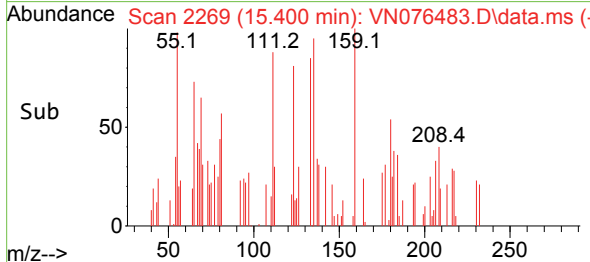
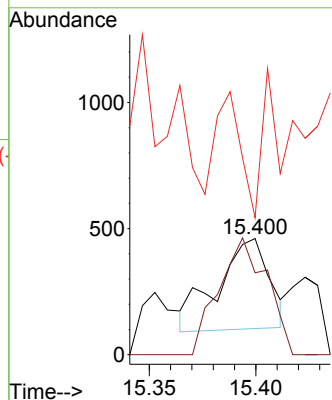
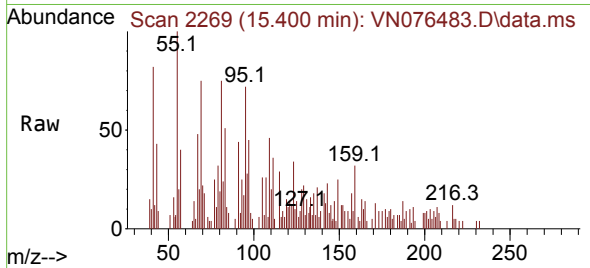




#93
1,2,4-Trichlorobenzene
Concen: 1.409 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076483.D
Acq: 31 Jan 2023 13:25

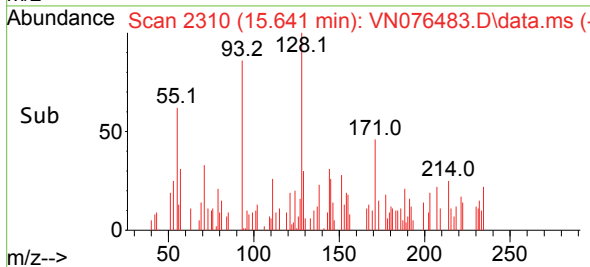
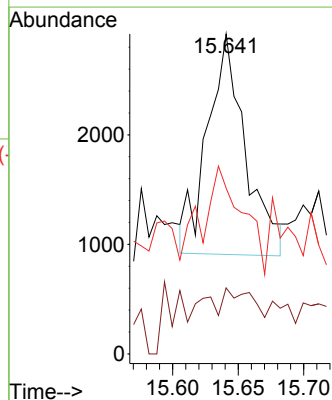
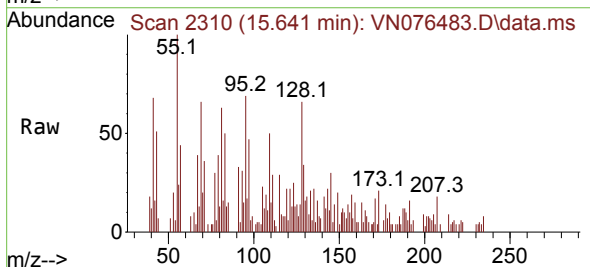
Instrument :
MSVOA_N
ClientSampleId :
IBLK

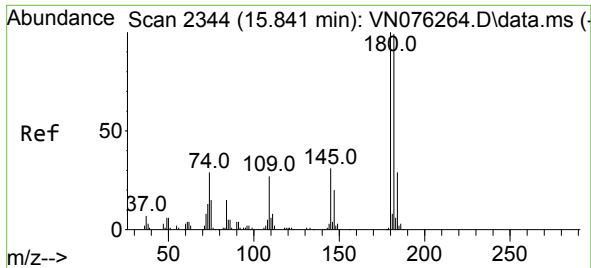
Tgt Ion:180 Resp: 605
Ion Ratio Lower Upper
180 100
182 120.5 47.0 141.2
145 85.6 15.2 45.5#



#95
Naphthalene
Concen: 2.073 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076483.D
Acq: 31 Jan 2023 13:25

Tgt Ion:128 Resp: 4059
Ion Ratio Lower Upper
128 100
127 21.1 10.3 15.5#
129 52.3 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.363 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076483.D
 Acq: 31 Jan 2023 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:180 Resp: 1154
 Ion Ratio Lower Upper
 180 100
 182 35.2 47.5 142.5#
 145 48.1 15.9 47.6#

