

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041322\
 Data File : VN071976.D
 Acq On : 13 Apr 2022 15:16
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 14 02:32:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

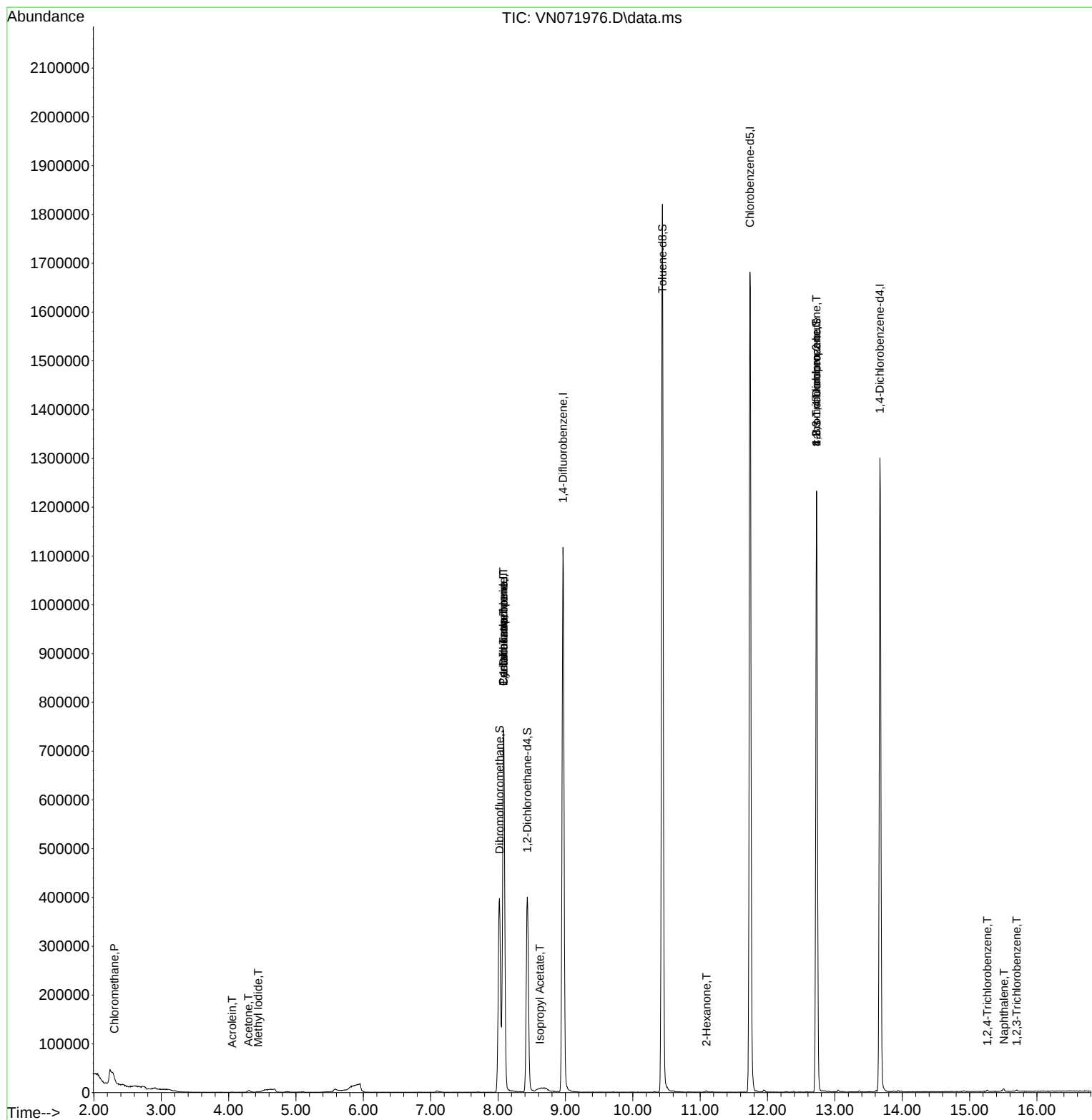
Internal Standards						
1) Pentafluorobenzene	8.081	168	626809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1053169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1087118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	397933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	336297	46.997	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.000%		
35) Dibromofluoromethane	8.022	113	301361	48.628	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.260%		
50) Toluene-d8	10.439	98	1327969	52.382	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.760%		
62) 4-Bromofluorobenzene	12.727	95	446607	54.470	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.940%		
Target Compounds						Qvalue
3) Chloromethane	2.304	50	1952	0.309	ug/l	97
10) Methyl Iodide	4.440	142	1552	0.204	ug/l #	49
13) Acrolein	4.051	56	446	0.315	ug/l #	37
16) Acetone	4.293	43	1297	0.424	ug/l #	85
18) Methyl Acetate	4.857	43	1435	Below Cal	#	68
31) Cyclohexane	8.081	56	9601	0.987	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	41960	4.848	ug/l #	48
38) Carbon Tetrachloride	8.081	117	53986	6.365	ug/l #	18
43) Isopropyl Acetate	8.622	43	8729	0.554	ug/l #	53
59) 2-Hexanone	11.092	43	2480	0.389	ug/l	94
76) 1,2,3-Trichloropropane	12.727	75	209687	22.747	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	209687	70.491	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.262	180	1389	2.296	ug/l #	84
95) Naphthalene	15.509	128	7205	4.170	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.698	180	1667	2.673	ug/l	88

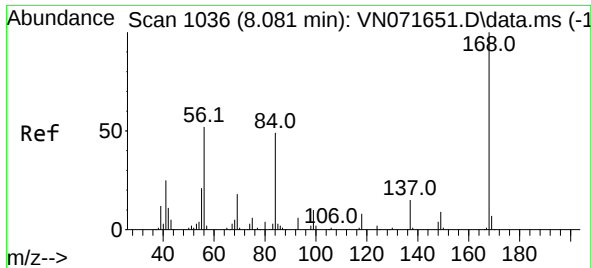
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

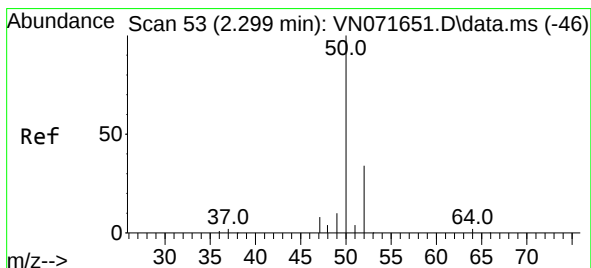
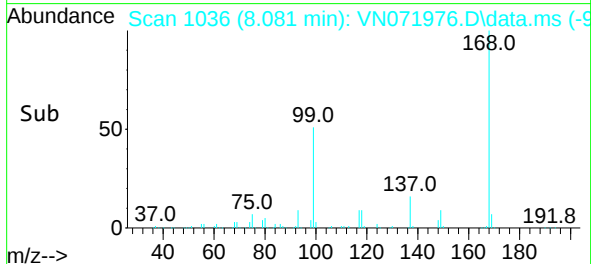
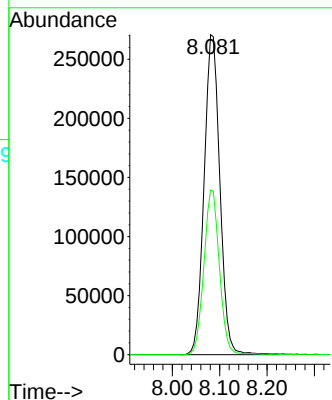
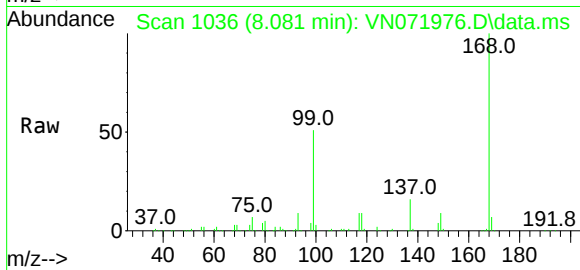




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071976.D
Acq: 13 Apr 2022 15:16

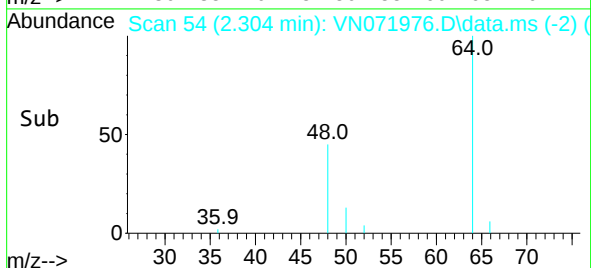
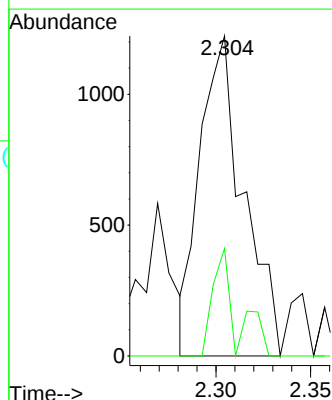
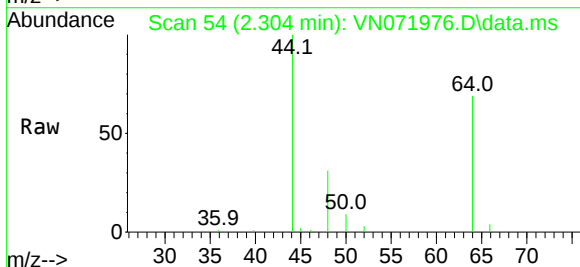
Instrument :
MSVOA_N
ClientSampleId :
IBLK

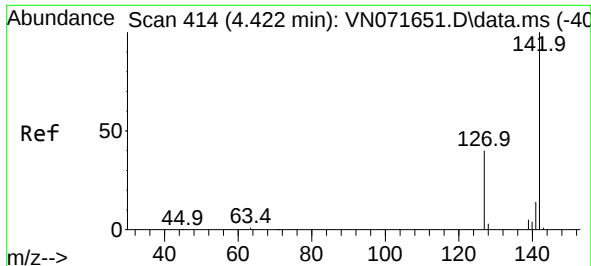
Tgt Ion:168 Resp: 626809
Ion Ratio Lower Upper
168 100
99 51.4 42.3 63.5



#3
Chloromethane
Concen: 0.309 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071976.D
Acq: 13 Apr 2022 15:16

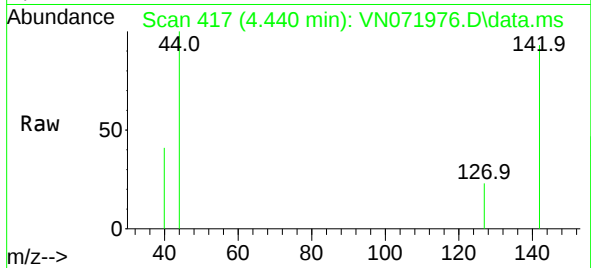
Tgt Ion: 50 Resp: 1952
Ion Ratio Lower Upper
50 100
52 33.6 25.7 38.5



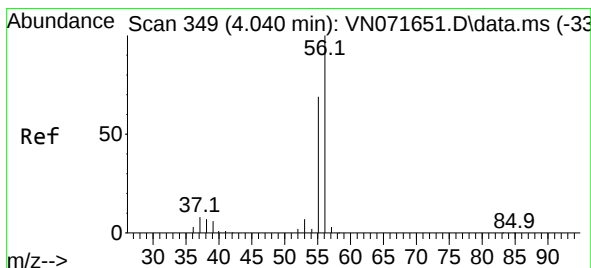
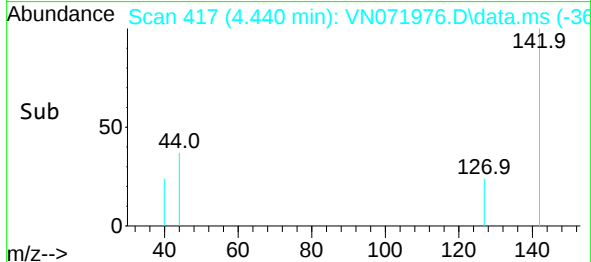
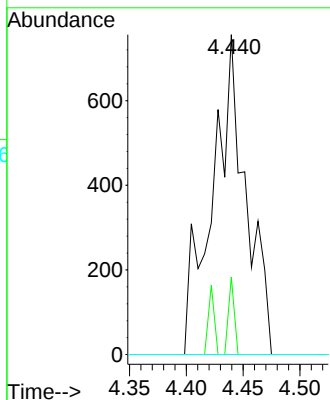


#10
Methyl Iodide
Concen: 0.204 ug/l
RT: 4.440 min Scan# 414
Delta R.T. 0.018 min
Lab File: VN071976.D
Acq: 13 Apr 2022 15:16

Instrument :
MSVOA_N
ClientSampleId :
IBLK

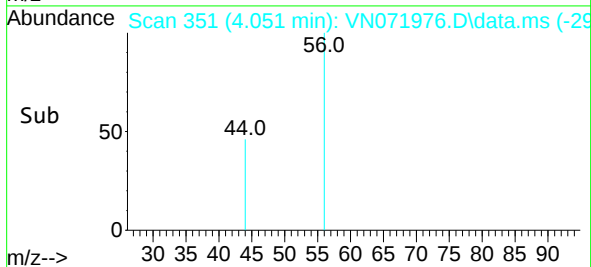
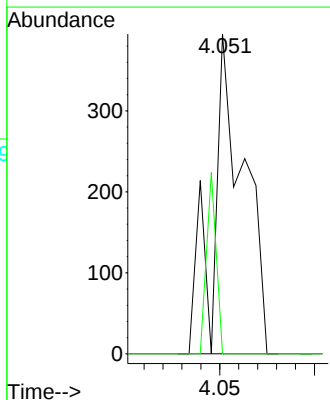
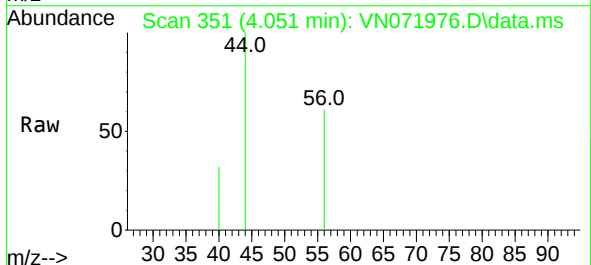


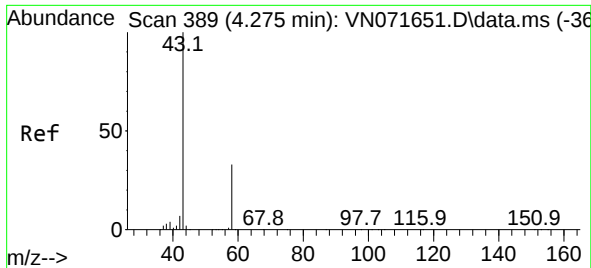
Tgt Ion:142 Resp: 1552
Ion Ratio Lower Upper
142 100
127 4.2 31.3 46.9#
141 0.0 11.2 16.8#



#13
Acrolein
Concen: 0.315 ug/l
RT: 4.051 min Scan# 351
Delta R.T. 0.011 min
Lab File: VN071976.D
Acq: 13 Apr 2022 15:16

Tgt Ion: 56 Resp: 446
Ion Ratio Lower Upper
56 100
55 17.7 54.8 82.2#

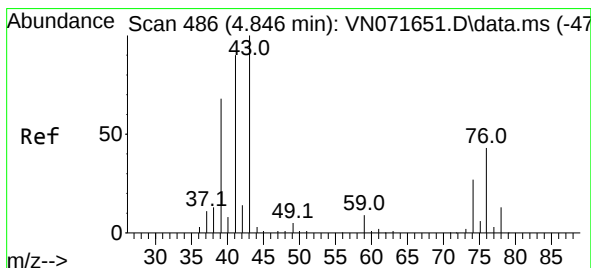
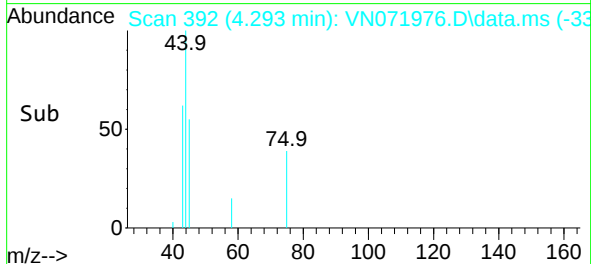
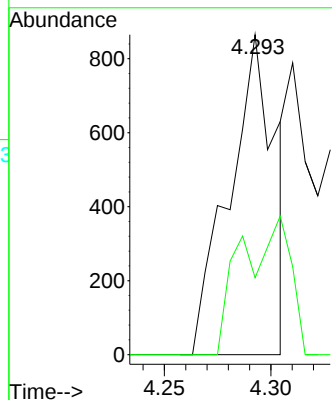
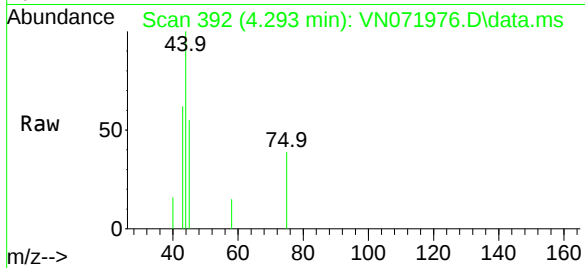




#16
Acetone
Concen: 0.424 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071976.D
Acq: 13 Apr 2022 15:16

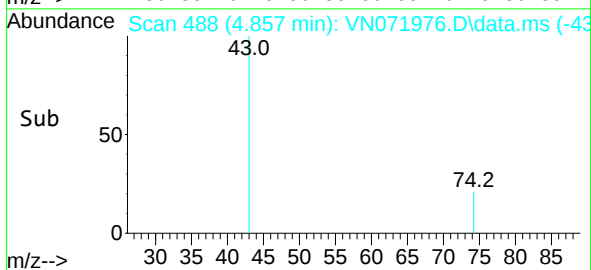
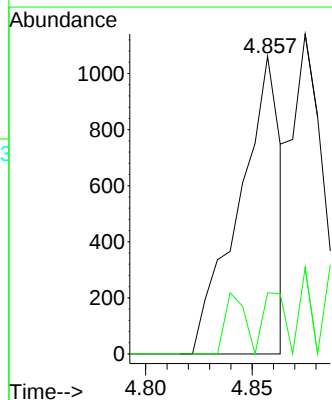
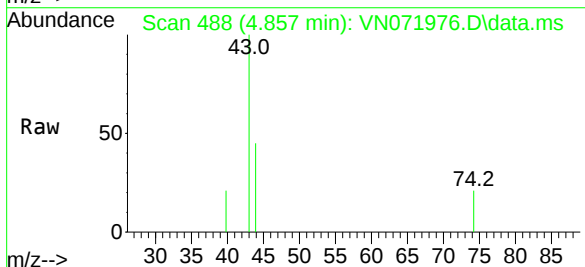
Instrument :
MSVOA_N
ClientSampleId :
IBLK

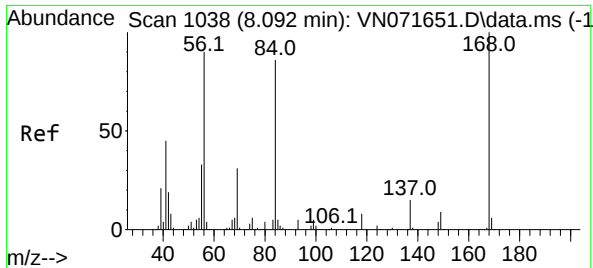
Tgt Ion: 43 Resp: 1297
Ion Ratio Lower Upper
43 100
58 24.0 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN071976.D
Acq: 13 Apr 2022 15:16

Tgt Ion: 43 Resp: 1435
Ion Ratio Lower Upper
43 100
74 10.7 21.6 32.4#

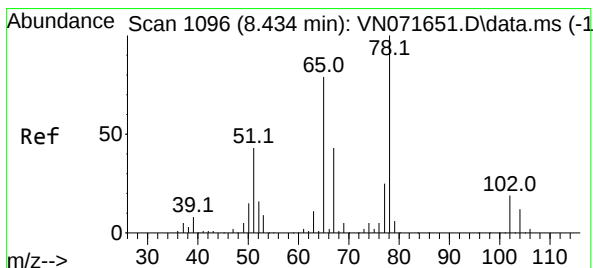
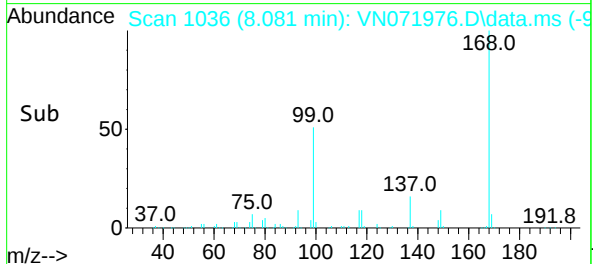
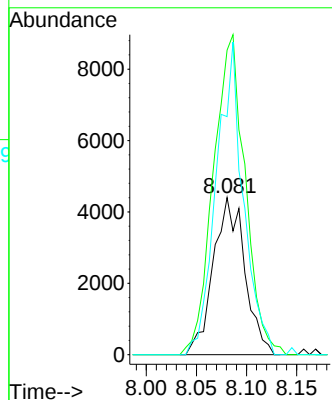
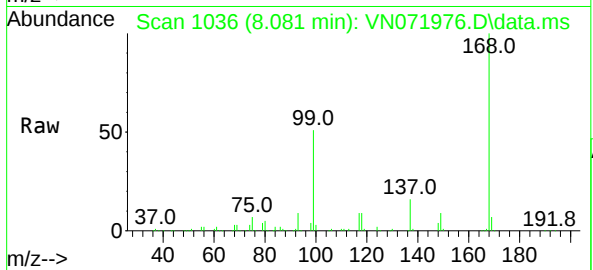




#31
Cyclohexane
Concen: 0.987 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071976.D
Acq: 13 Apr 2022 15:16

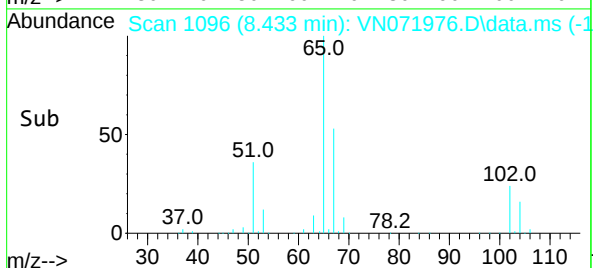
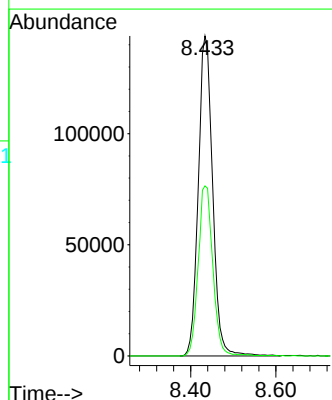
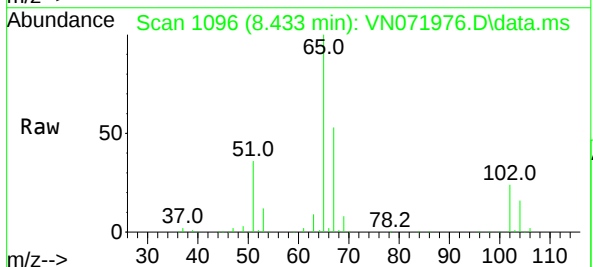
Instrument :
MSVOA_N
ClientSampleId :
IBLK

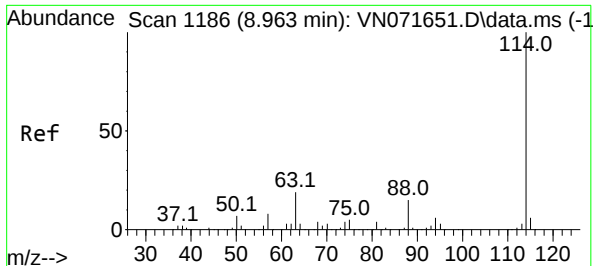
Tgt Ion: 56 Resp: 9601
Ion Ratio Lower Upper
56 100
69 193.7 27.8 41.8#
84 151.5 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 46.997 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071976.D
Acq: 13 Apr 2022 15:16

Tgt Ion: 65 Resp: 336297
Ion Ratio Lower Upper
65 100
67 54.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071976.D

Acq: 13 Apr 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

IBLK

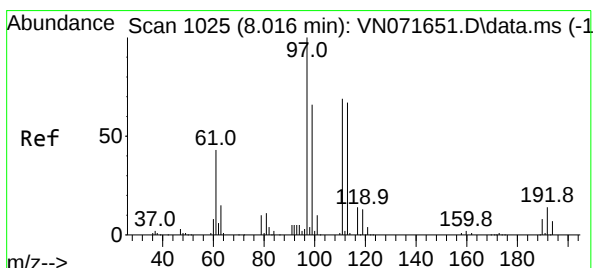
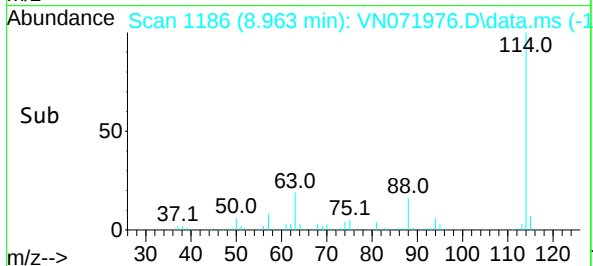
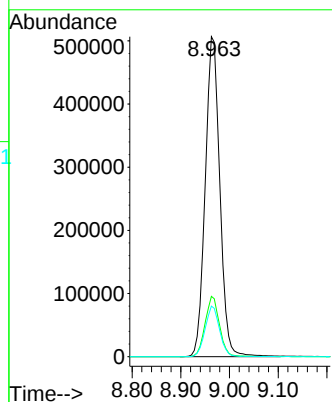
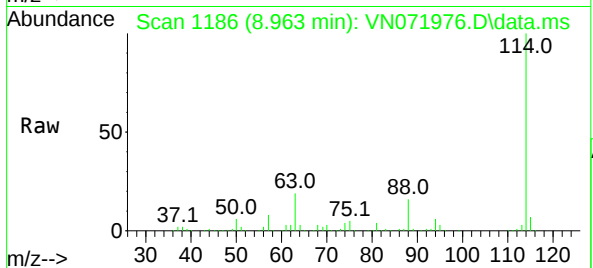
Tgt Ion:114 Resp: 1053169

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.628 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071976.D

Acq: 13 Apr 2022 15:16

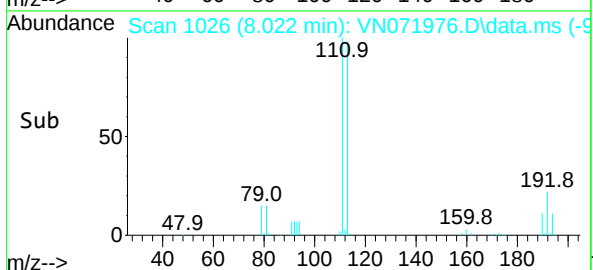
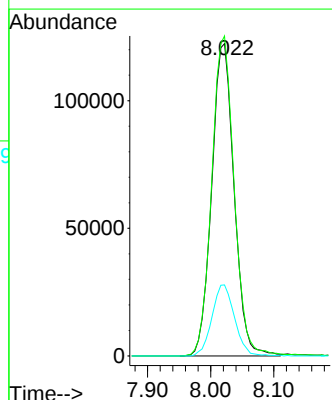
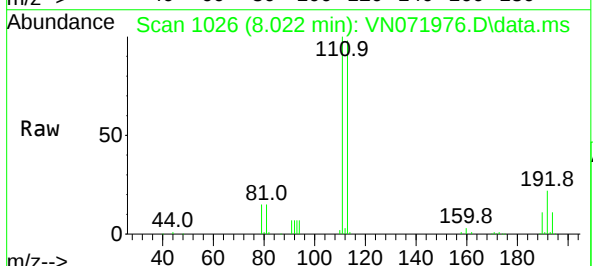
Tgt Ion:113 Resp: 301361

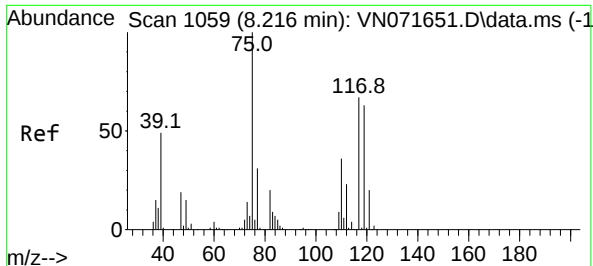
Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 23.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.848 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071976.D

Acq: 13 Apr 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

IBLK

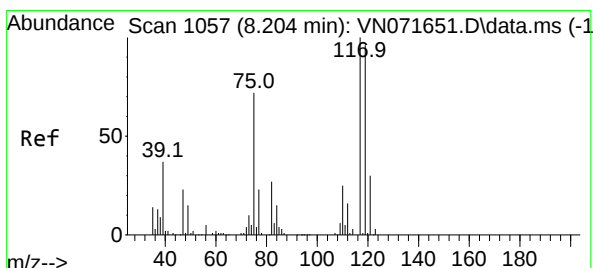
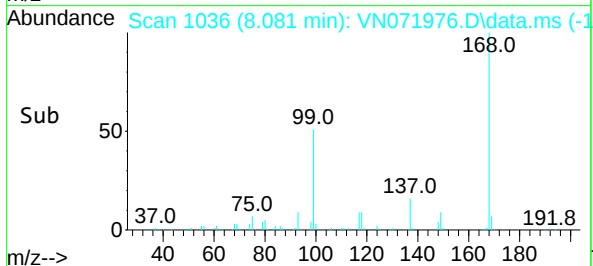
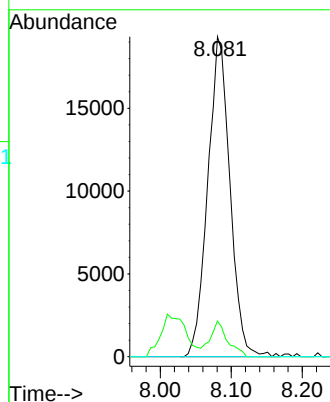
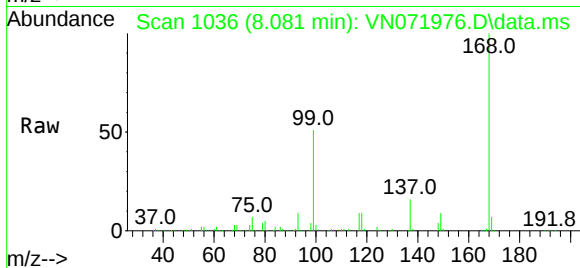
Tgt Ion: 75 Resp: 41960

Ion Ratio Lower Upper

75 100

110 8.6 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.365 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN071976.D

Acq: 13 Apr 2022 15:16

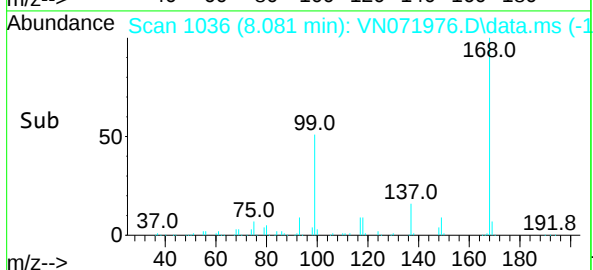
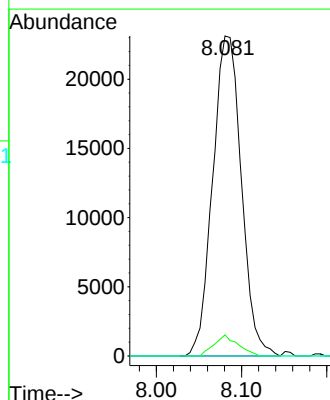
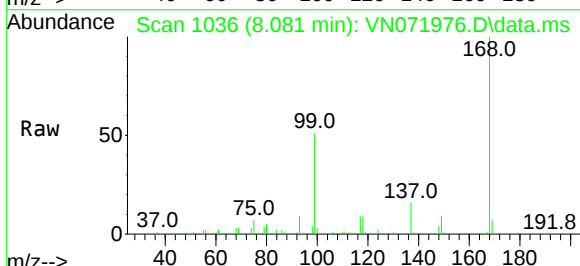
Tgt Ion: 117 Resp: 53986

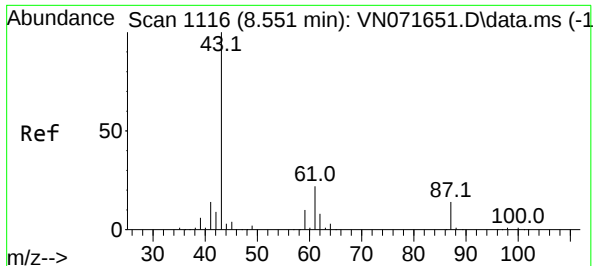
Ion Ratio Lower Upper

117 100

119 6.6 75.8 113.8#

121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.554 ug/l

RT: 8.622 min Scan# 1116

Delta R.T. 0.071 min

Lab File: VN071976.D

Acq: 13 Apr 2022 15:16

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ClientSampleId :

IBLK

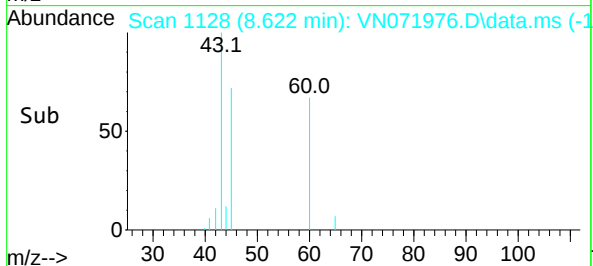
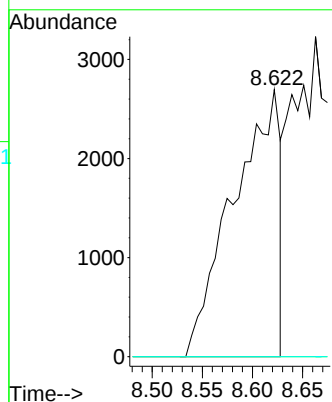
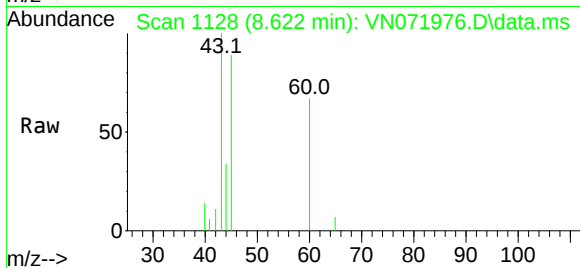
Tgt Ion: 43 Resp: 8729

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 52.382 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071976.D

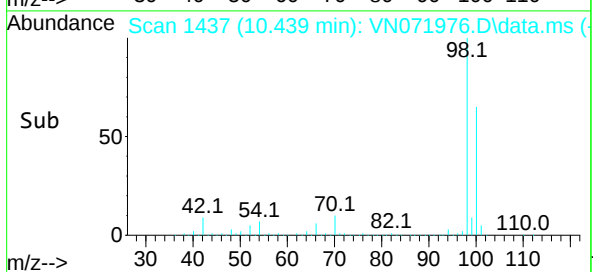
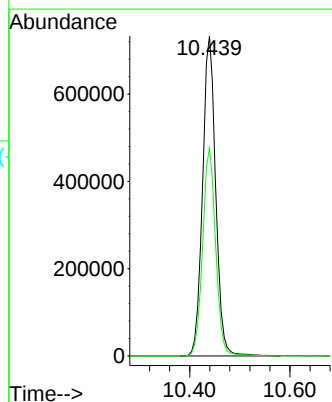
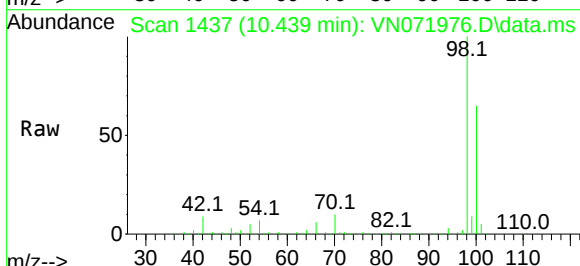
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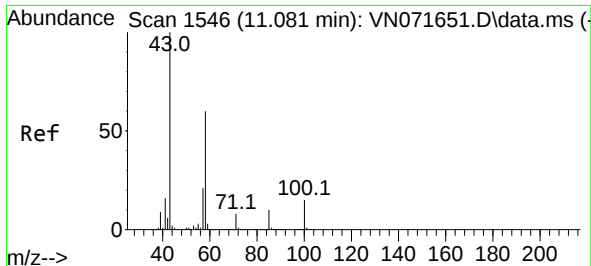
Tgt Ion: 98 Resp: 1327969

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8

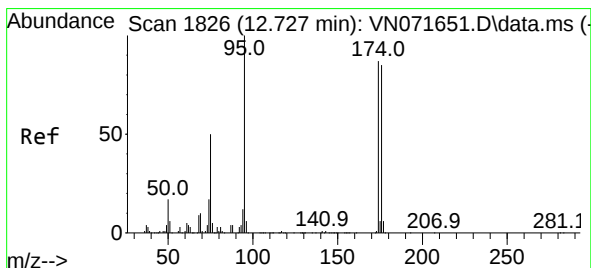
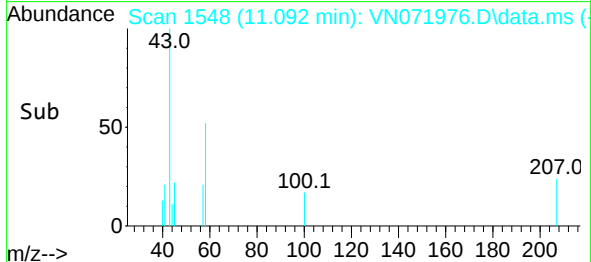
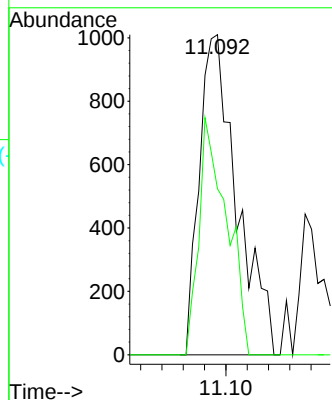
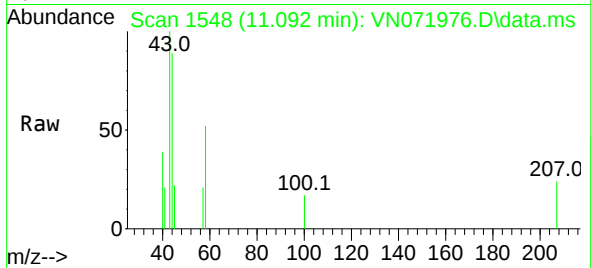




#59
2-Hexanone
Concen: 0.389 ug/l
RT: 11.092 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN071976.D
Acq: 13 Apr 2022 15:16

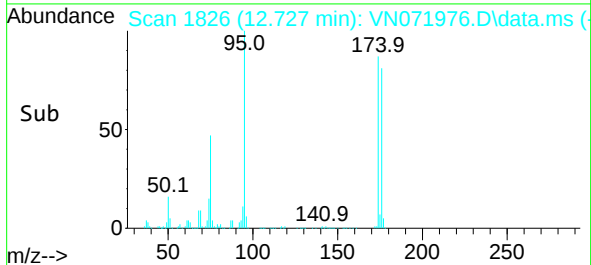
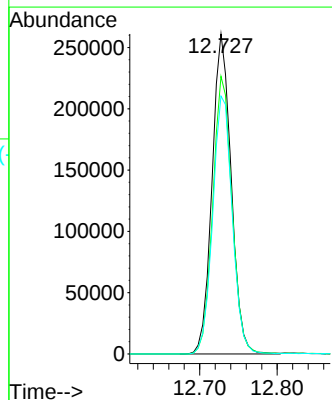
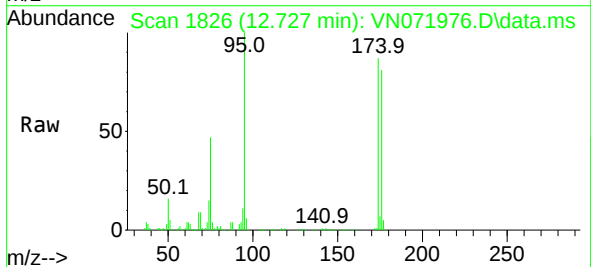
Instrument :
MSVOA_N
ClientSampleId :
IBLK

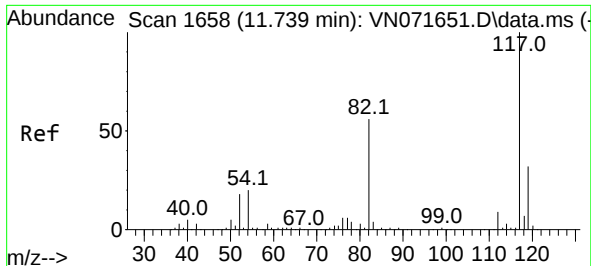
Tgt Ion: 43 Resp: 2480
Ion Ratio Lower Upper
43 100
58 54.7 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 54.470 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071976.D
Acq: 13 Apr 2022 15:16

Tgt Ion: 95 Resp: 446607
Ion Ratio Lower Upper
95 100
174 87.2 0.0 167.6
176 82.5 0.0 163.4

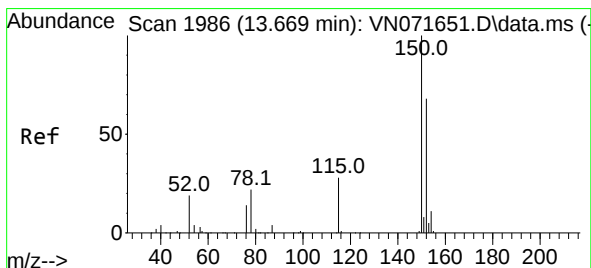
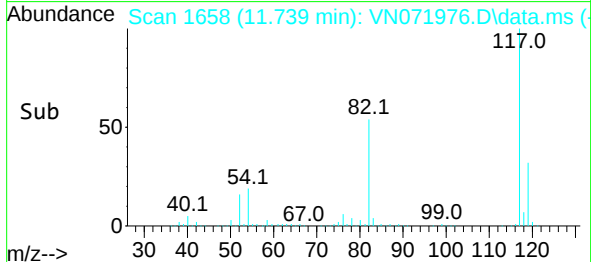
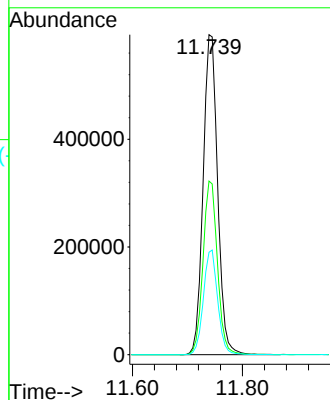
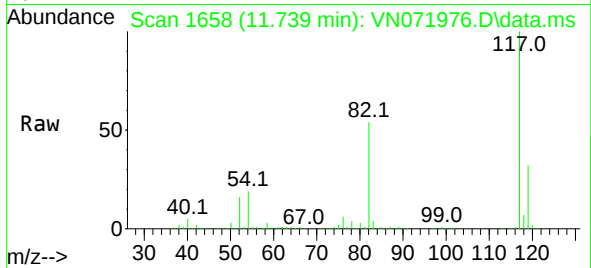




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071976.D
Acq: 13 Apr 2022 15:16

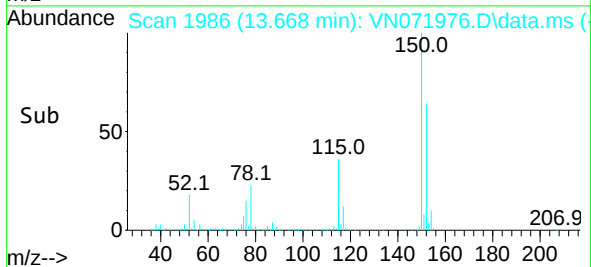
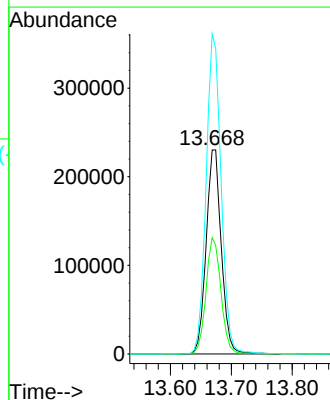
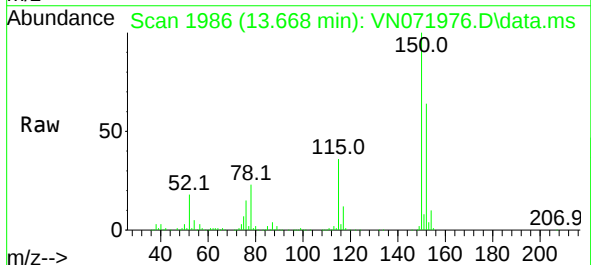
Instrument :
MSVOA_N
ClientSampleId :
IBLK

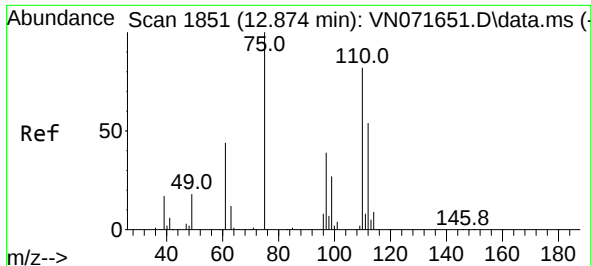
Tgt Ion:117 Resp: 1087118
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071976.D
Acq: 13 Apr 2022 15:16

Tgt Ion:152 Resp: 397933
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.7
150 155.2 0.0 356.2

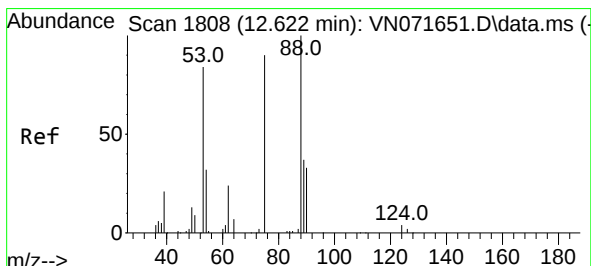
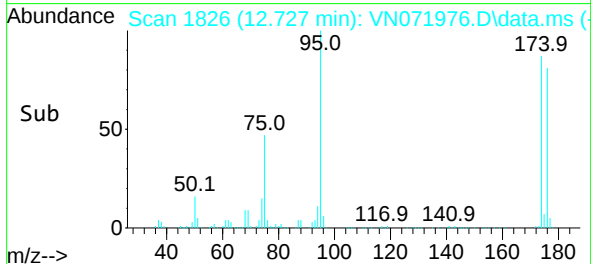
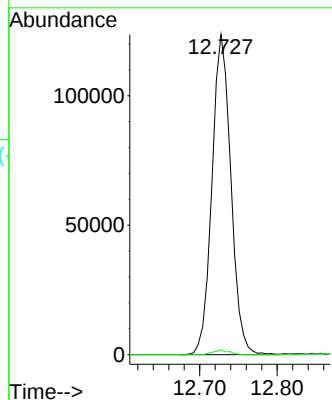
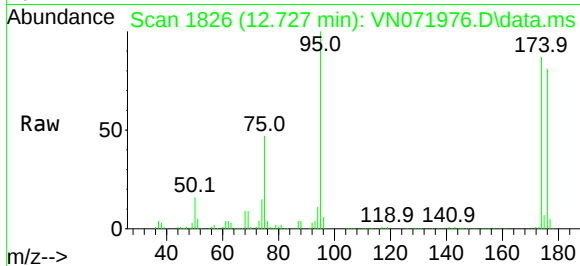




#76
1,2,3-Trichloropropane
Concen: 22.747 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071976.D
Acq: 13 Apr 2022 15:16

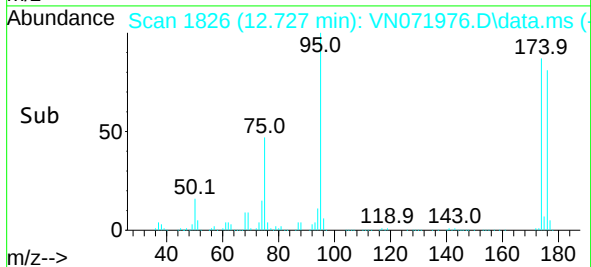
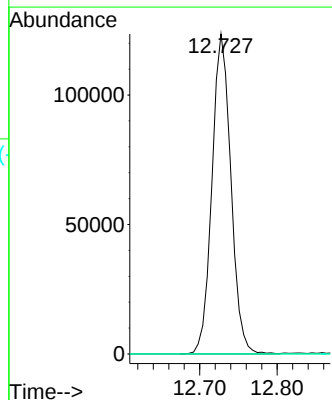
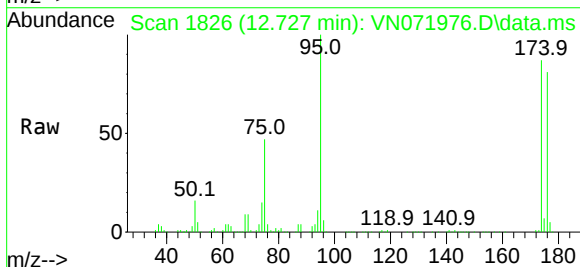
Instrument :
MSVOA_N
ClientSampleId :
IBLK

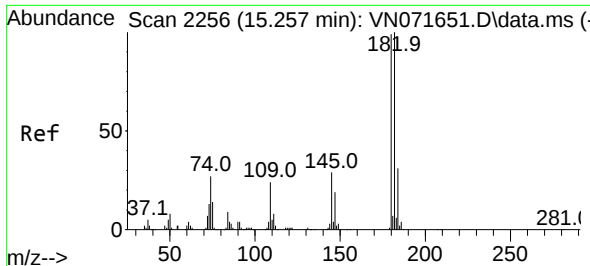
Tgt Ion: 75 Resp: 209687
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.491 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071976.D
Acq: 13 Apr 2022 15:16

Tgt Ion: 75 Resp: 209687
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

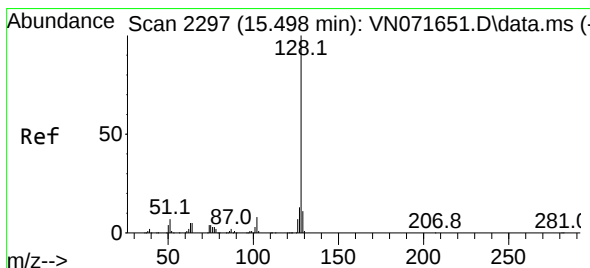
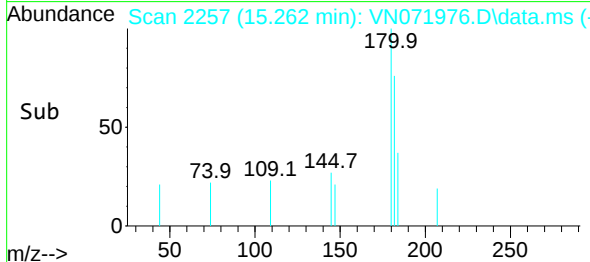
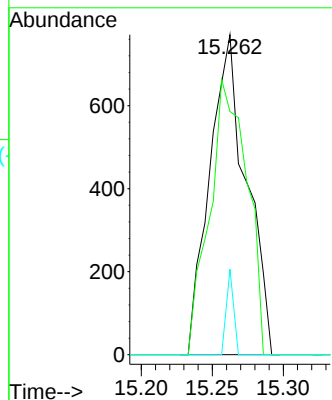
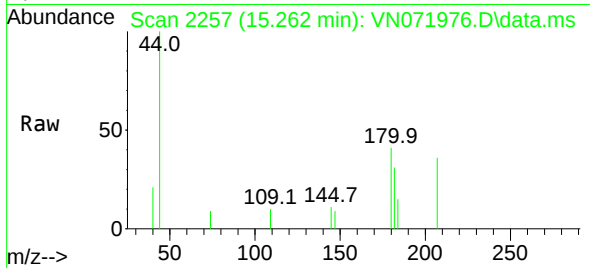




#93
1,2,4-Trichlorobenzene
Concen: 2.296 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071976.D
Acq: 13 Apr 2022 15:16

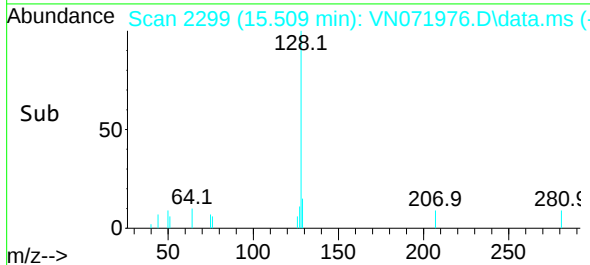
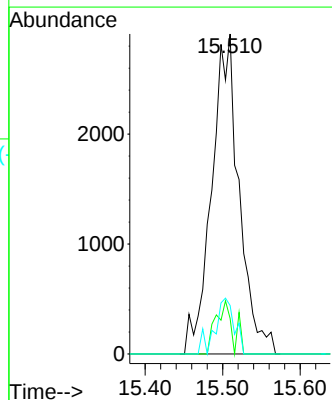
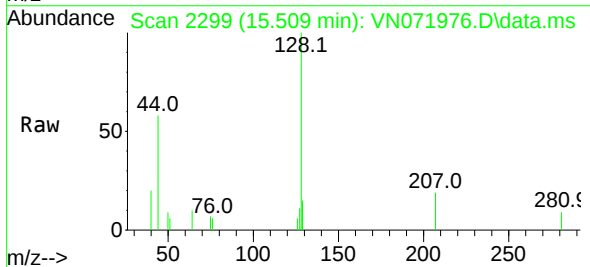
Instrument :
MSVOA_N
ClientSampleId :
IBLK

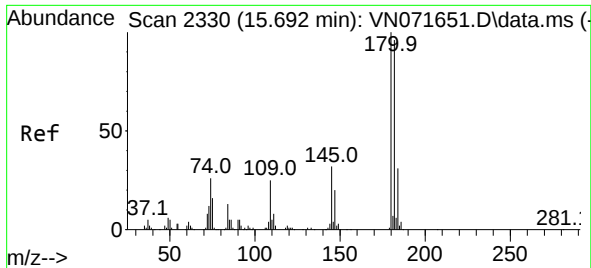
Tgt Ion:180 Resp: 1389
Ion Ratio Lower Upper
180 100
182 87.3 47.5 142.5
145 5.3 14.5 43.5#



#95
Naphthalene
Concen: 4.170 ug/l
RT: 15.509 min Scan# 2299
Delta R.T. 0.011 min
Lab File: VN071976.D
Acq: 13 Apr 2022 15:16

Tgt Ion:128 Resp: 7205
Ion Ratio Lower Upper
128 100
127 8.5 10.3 15.5#
129 11.1 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.673 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN071976.D
 Acq: 13 Apr 2022 15:16

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:	180	Resp:	1667
Ion	Ratio	Lower	Upper
180	100		
182	81.8	47.8	143.3
145	26.9	15.5	46.5

