

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030722\
 Data File : VN071180.D
 Acq On : 07 Mar 2022 16:54
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 08 05:04:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 04:45:05 2022
 Response via : Initial Calibration

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

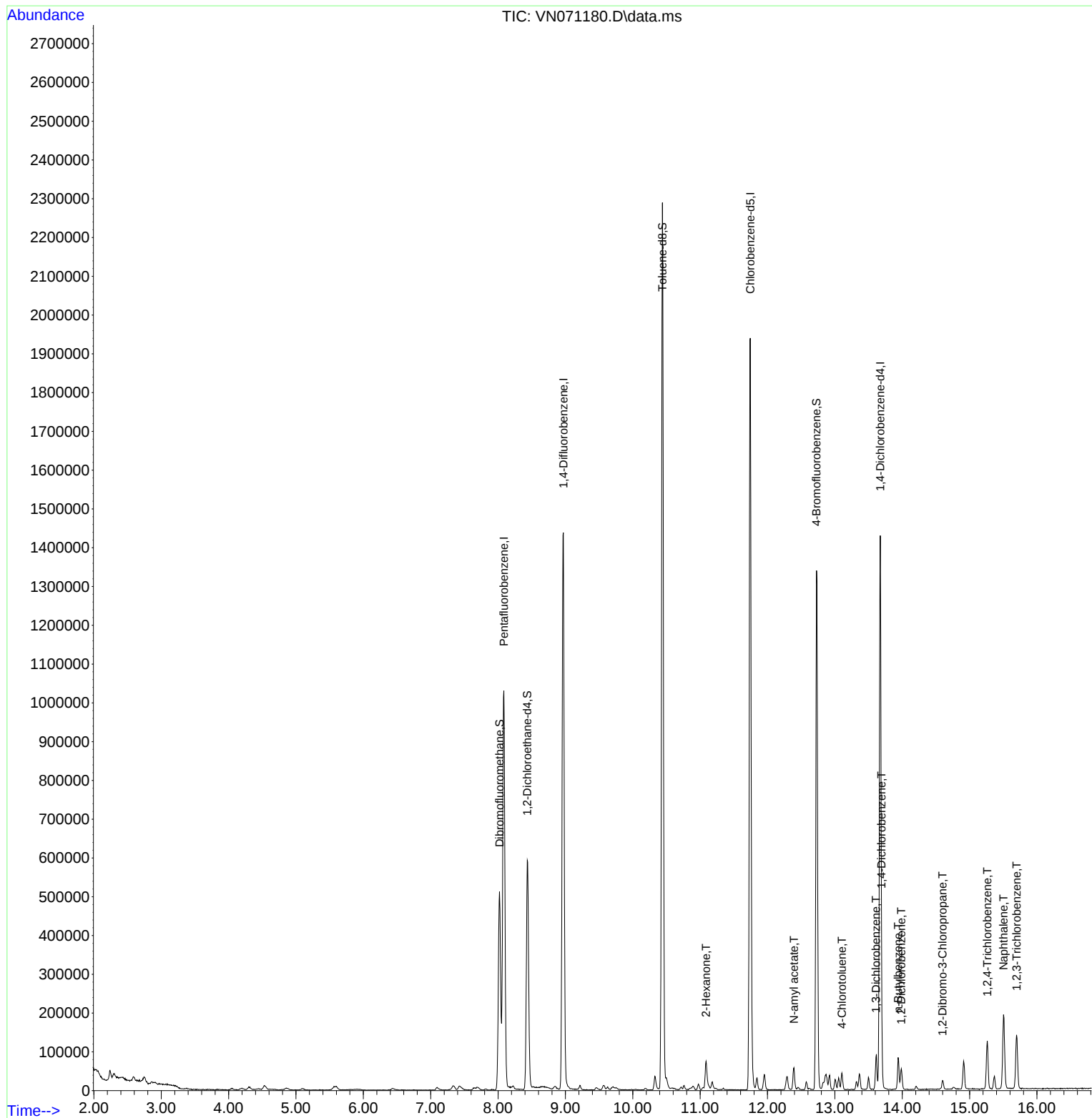
Internal Standards						
1) Pentafluorobenzene	8.087	168	799645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1302993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1157421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	391644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	493809	45.058	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.120%
35) Dibromofluoromethane	8.022	113	382373	46.504	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.000%
50) Toluene-d8	10.439	98	1605398	48.493	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.980%
62) 4-Bromofluorobenzene	12.727	95	483005	43.086	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.180%
Target Compounds						
					Qvalue	
59) 2-Hexanone	11.086	43	61753	5.379	ug/l	99
74) N-amyl acetate	12.392	43	34236	2.412	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.822	83	9182	Below Cal		94
76) 1,2,3-Trichloropropane	12.880	75	12951	Below Cal	#	1
82) 4-Chlorotoluene	13.104	91	26430	1.141	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	21504	1.503	ug/l	92
88) 1,4-Dichlorobenzene	13.692	146	29200	2.088	ug/l	91
89) n-Butylbenzene	13.939	91	48228	2.250	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	23641	1.719	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	5561	2.532	ug/l	94
93) 1,2,4-Trichlorobenzene	15.263	180	44505	9.509	ug/l	96
95) Naphthalene	15.504	128	191372	14.646	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	53428	10.946	ug/l	99

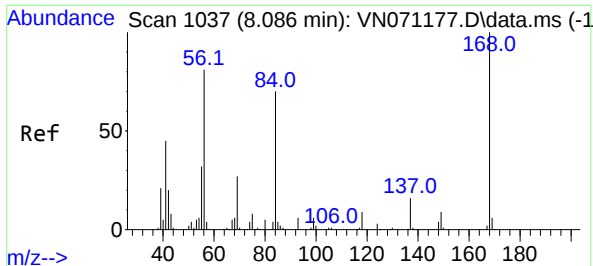
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VN071180.D

Acq: 07 Mar 2022 16:54

Instrument :

MSVOA_N

ClientSampleId :

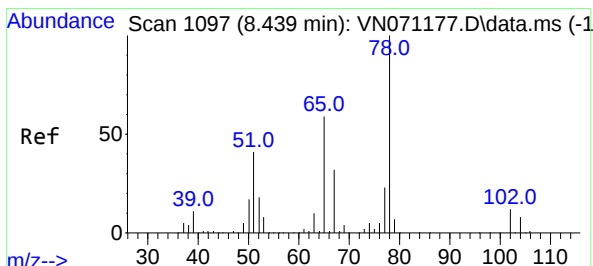
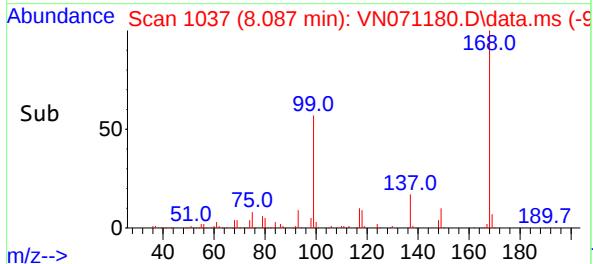
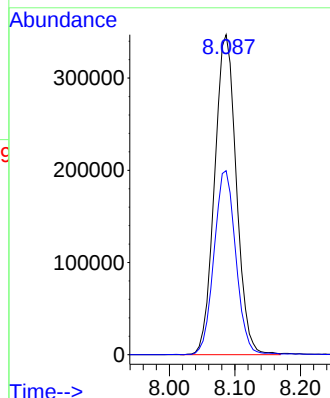
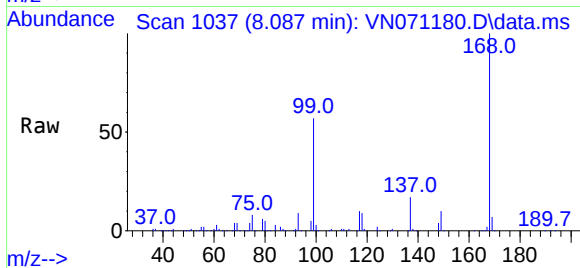
IBLK

Tgt Ion:168 Resp: 799645

Ion Ratio Lower Upper

168 100

99 57.4 41.3 61.9



1,2-Dichloroethane-d4

Concen: 45.058 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071180.D

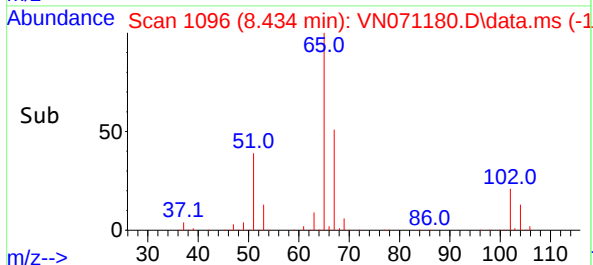
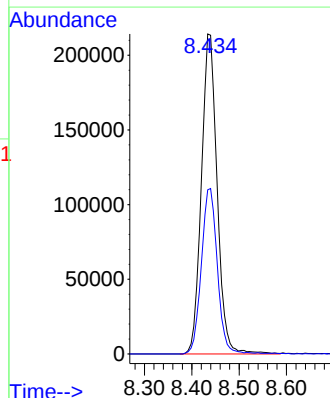
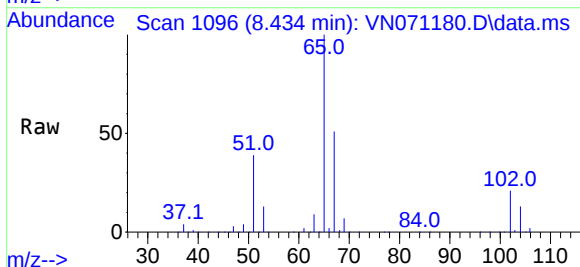
Acq: 07 Mar 2022 16:54

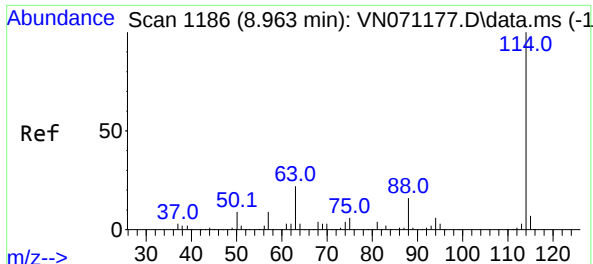
Tgt Ion: 65 Resp: 493809

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN071180.D

Acq: 07 Mar 2022 16:54

Instrument :

MSVOA_N

ClientSampleId :

IBLK

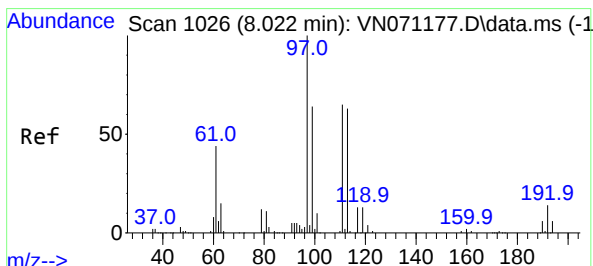
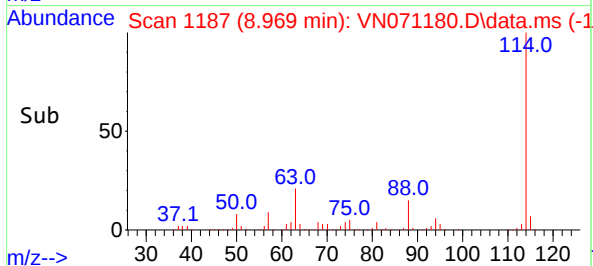
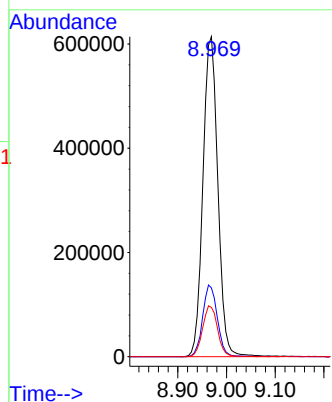
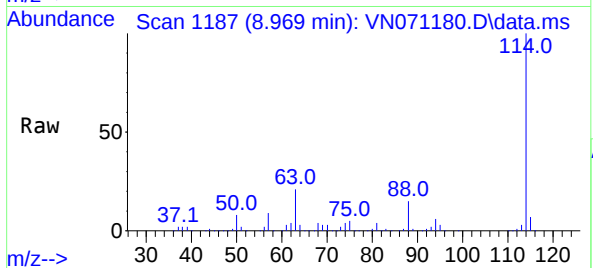
Tgt Ion:114 Resp: 1302993

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.8

88 15.4 0.0 27.4



#35

Dibromofluoromethane

Concen: 46.504 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN071180.D

Acq: 07 Mar 2022 16:54

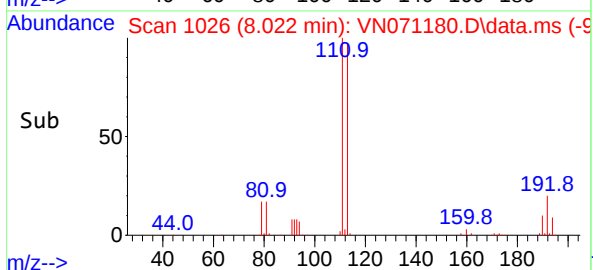
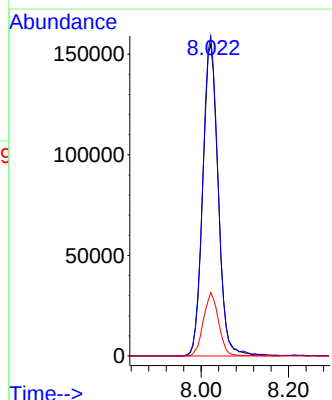
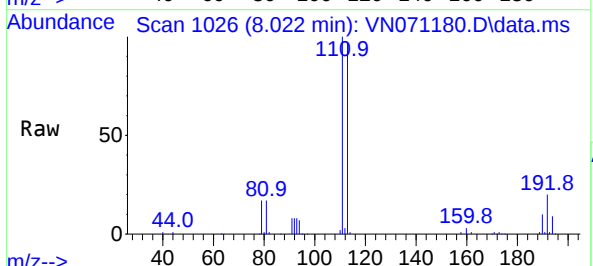
Tgt Ion:113 Resp: 382373

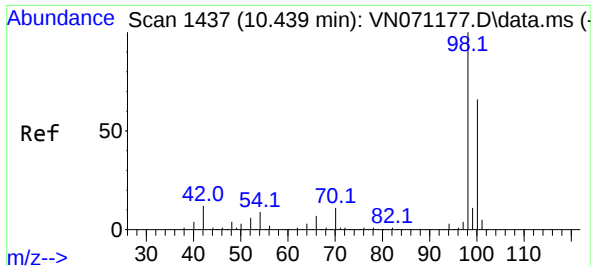
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

192 20.0 16.9 25.3

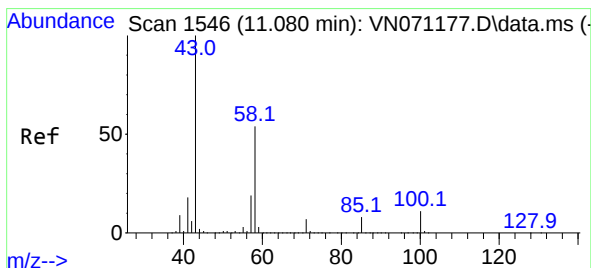
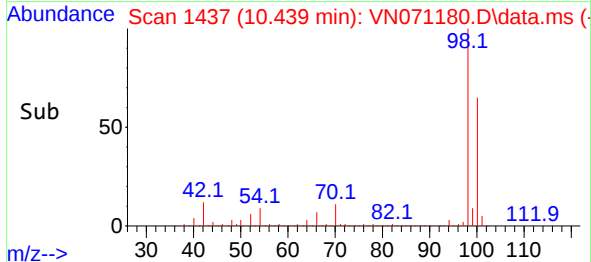
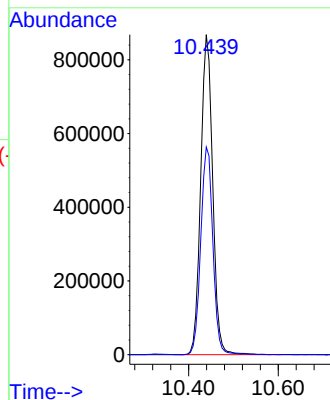
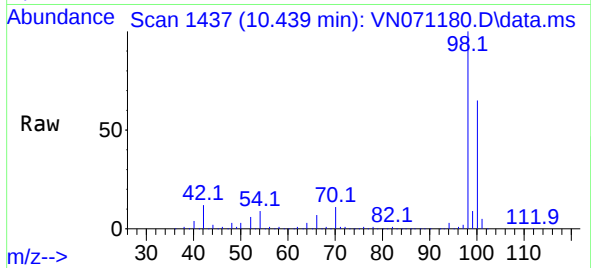




#50
Toluene-d8
Concen: 48.493 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071180.D
Acq: 07 Mar 2022 16:54

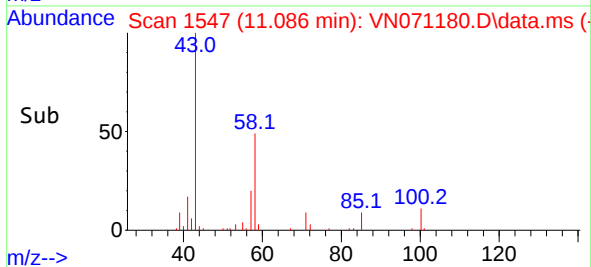
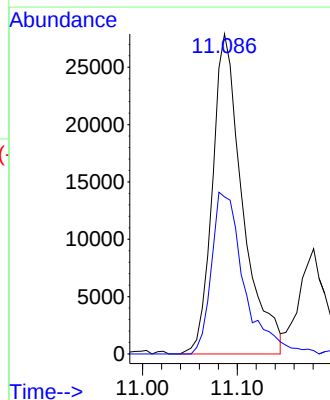
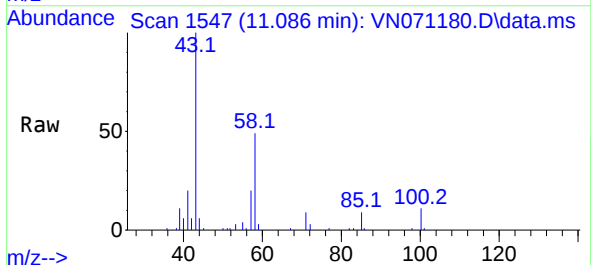
Instrument :
MSVOA_N
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IBLK

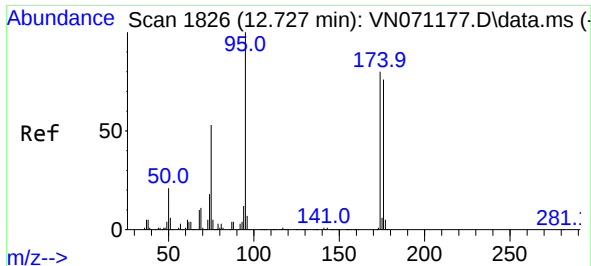
Tgt Ion: 98 Resp: 1605398
Ion Ratio Lower Upper
98 100
100 65.4 50.4 75.6



#59
2-Hexanone
Concen: 5.379 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN071180.D
Acq: 07 Mar 2022 16:54

Tgt Ion: 43 Resp: 61753
Ion Ratio Lower Upper
43 100
58 54.6 26.9 80.7

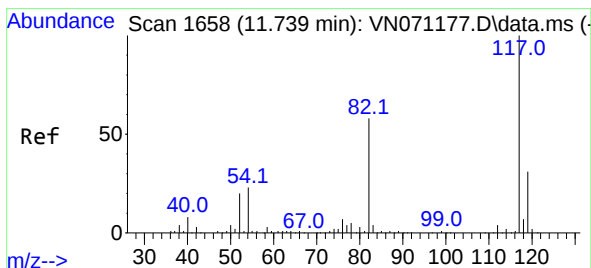
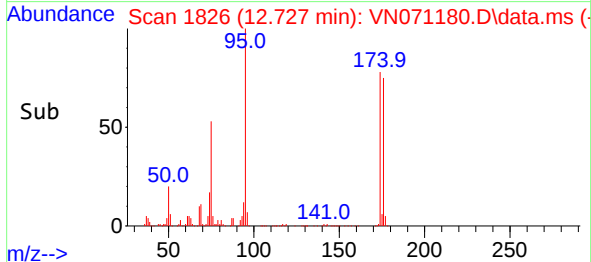
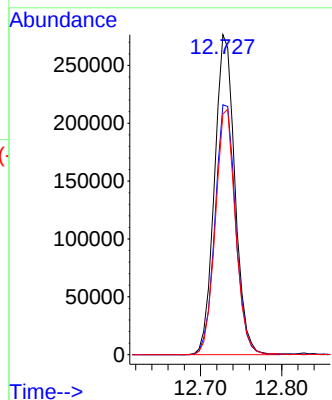
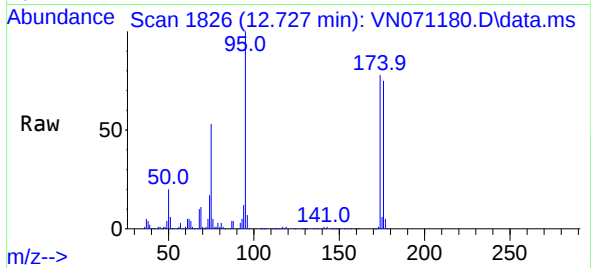




#62
4-Bromofluorobenzene
Concen: 43.086 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071180.D
Acq: 07 Mar 2022 16:54

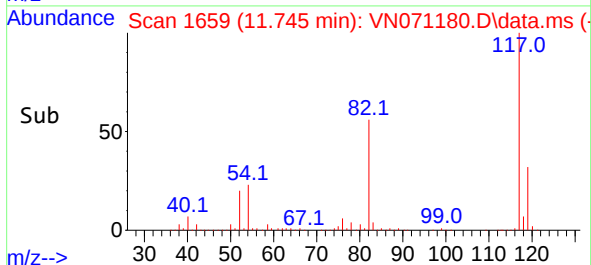
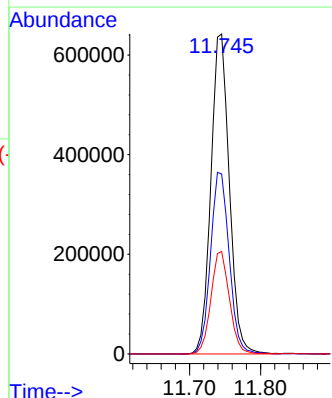
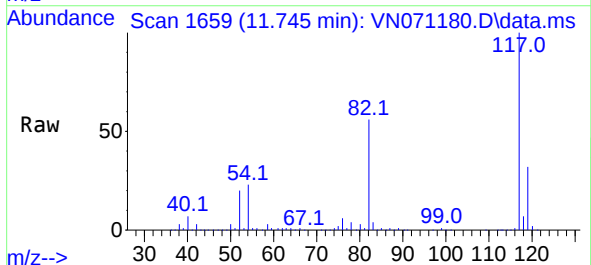
Instrument :
MSVOA_N
ClientSampleId :
IBLK

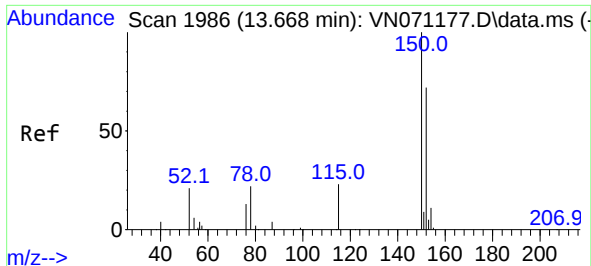
Tgt Ion: 95 Resp: 483005
Ion Ratio Lower Upper
95 100
174 78.9 0.0 187.2
176 75.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN071180.D
Acq: 07 Mar 2022 16:54

Tgt Ion: 117 Resp: 1157421
Ion Ratio Lower Upper
117 100
82 56.2 42.4 63.6
119 32.0 25.4 38.2

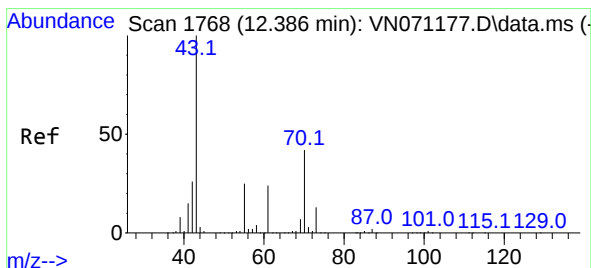
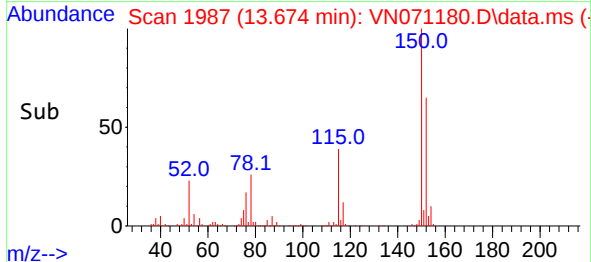
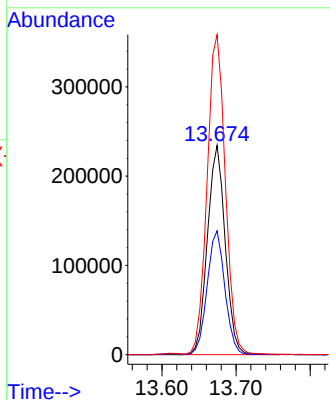
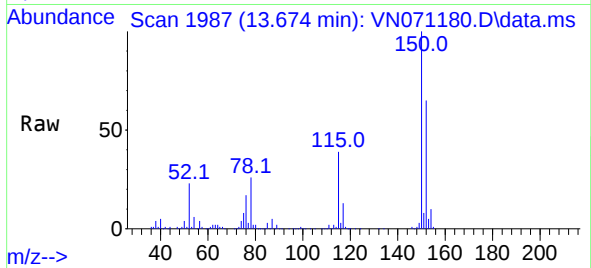




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1987
 Delta R.T. 0.006 min
 Lab File: VN071180.D
 Acq: 07 Mar 2022 16:54

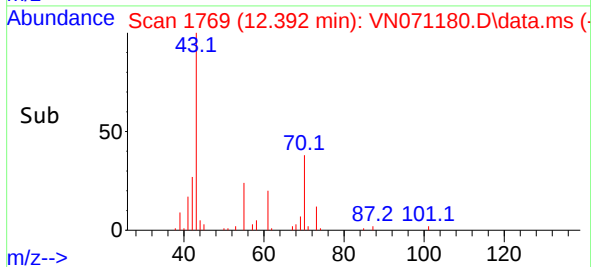
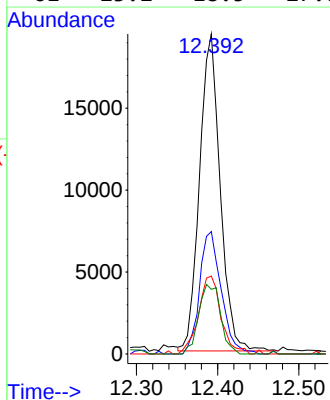
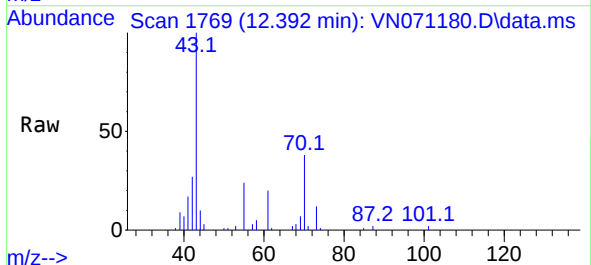
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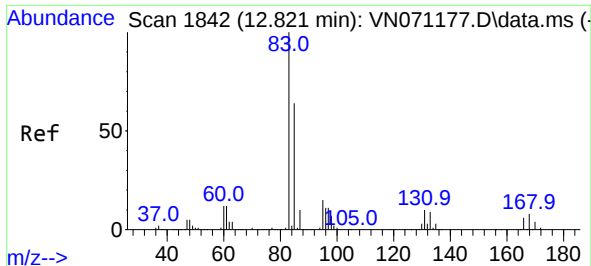
Tgt Ion:152 Resp: 391644
 Ion Ratio Lower Upper
 152 100
 115 59.1 27.5 82.5
 150 156.3 0.0 344.4



#74
 N-ethyl acetate
 Concen: 2.412 ug/l
 RT: 12.392 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VN071180.D
 Acq: 07 Mar 2022 16:54

Tgt Ion: 43 Resp: 34236
 Ion Ratio Lower Upper
 43 100
 70 40.5 33.4 50.0
 55 26.7 19.3 28.9
 61 23.2 18.5 27.7

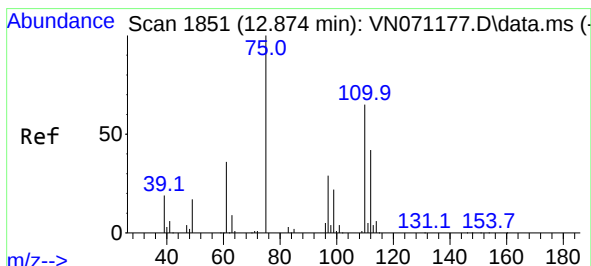
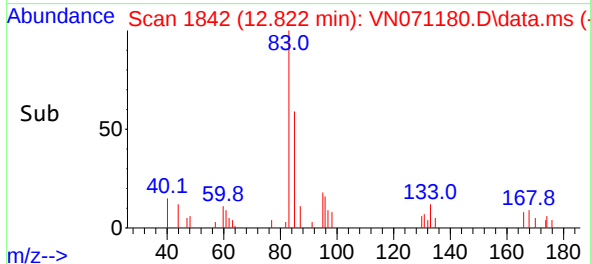
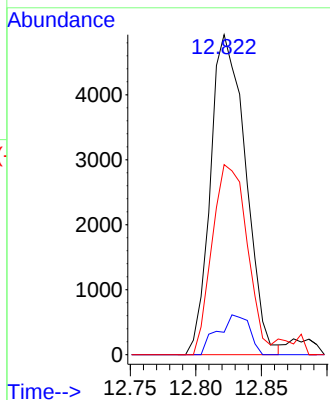
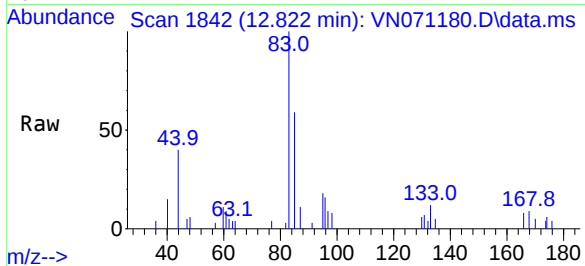




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.822 min Scan# 1842
Delta R.T. 0.001 min
Lab File: VN071180.D
Acq: 07 Mar 2022 16:54

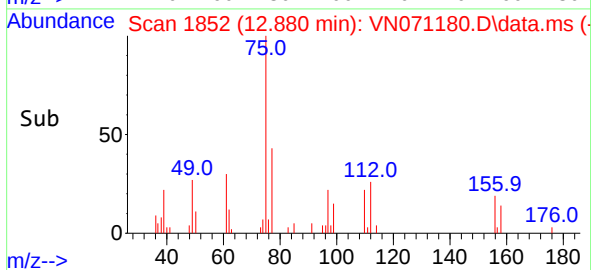
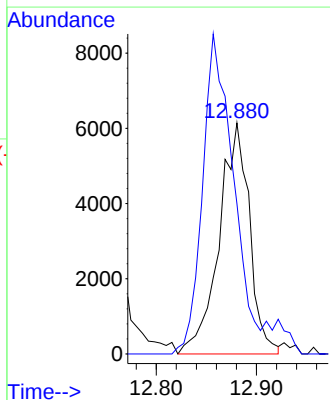
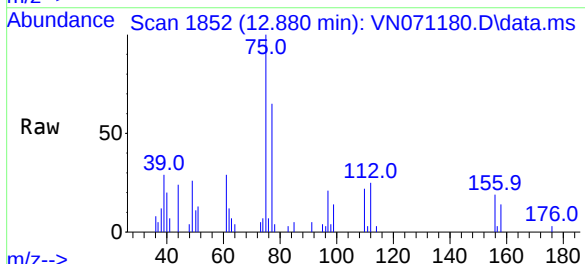
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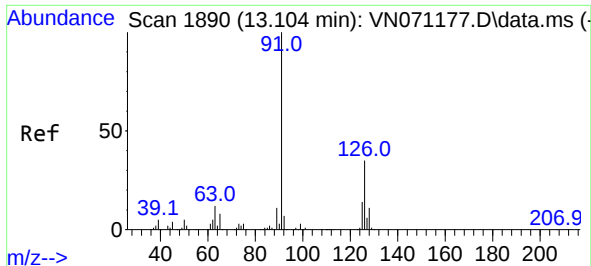
Tgt Ion: 83 Resp: 9182
Ion Ratio Lower Upper
83 100
131 11.2 5.5 16.5
85 59.3 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: Below Cal
RT: 12.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN071180.D
Acq: 07 Mar 2022 16:54

Tgt Ion: 75 Resp: 12951
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#

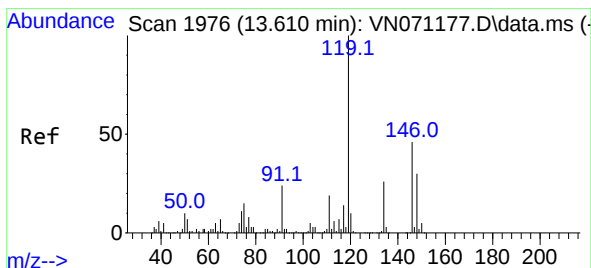
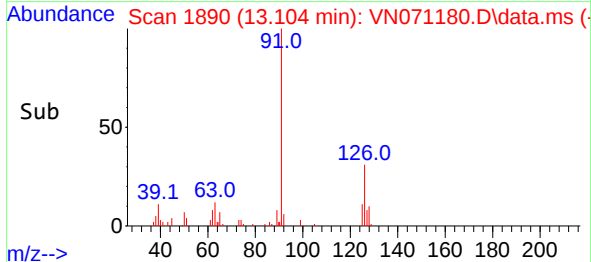
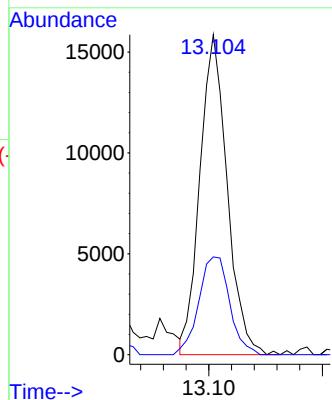
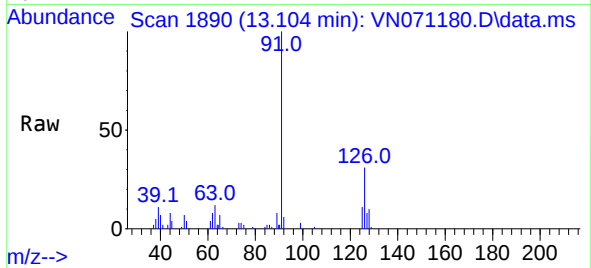




#82
4-Chlorotoluene
Concen: 1.141 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN071180.D
Acq: 07 Mar 2022 16:54

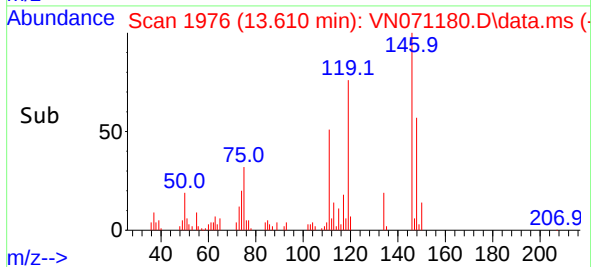
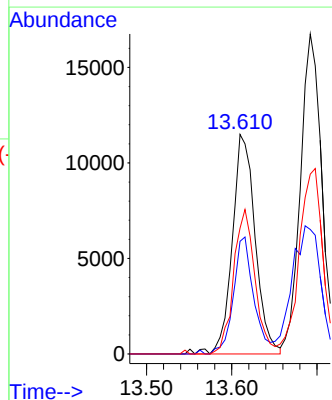
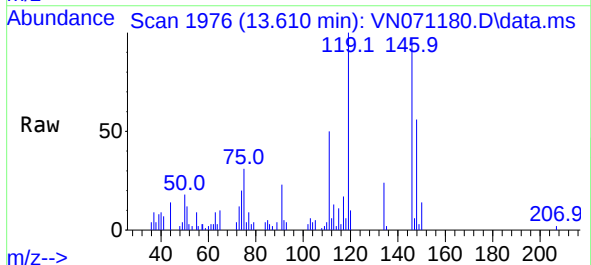
Instrument :
MSVOA_N
ClientSampleId :
IBLK

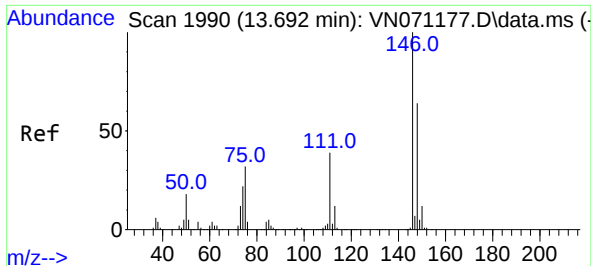
Tgt Ion: 91 Resp: 26430
Ion Ratio Lower Upper
91 100
126 34.6 18.2 54.6



#87
1,3-Dichlorobenzene
Concen: 1.503 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071180.D
Acq: 07 Mar 2022 16:54

Tgt Ion:146 Resp: 21504
Ion Ratio Lower Upper
146 100
111 46.8 18.6 55.6
148 61.2 31.6 95.0

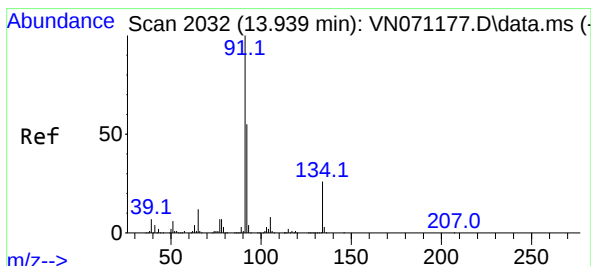
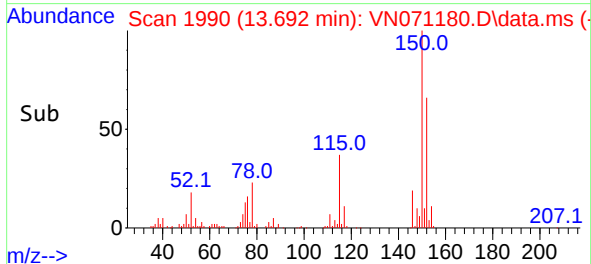
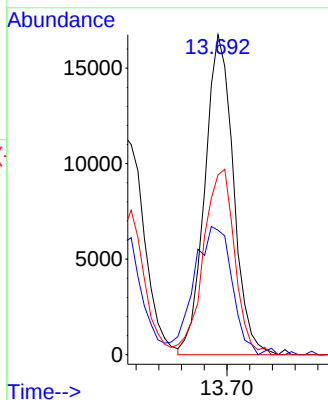
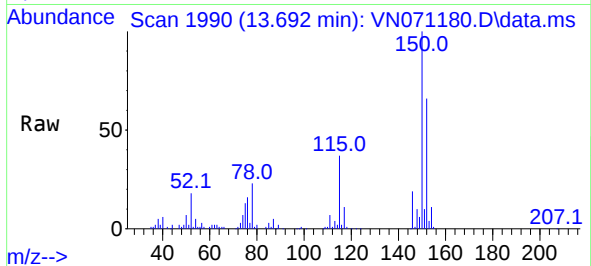




#88
1,4-Dichlorobenzene
Concen: 2.088 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN071180.D
Acq: 07 Mar 2022 16:54

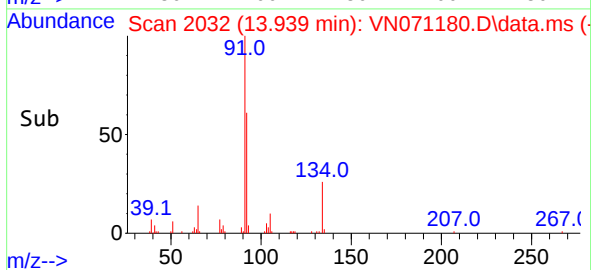
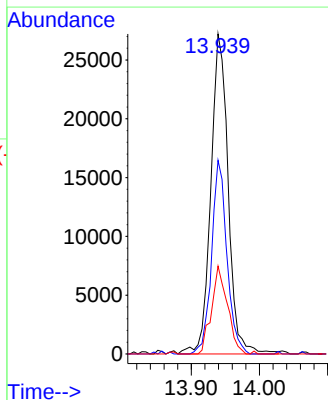
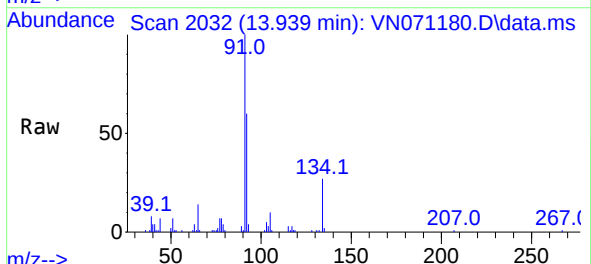
Instrument :
MSVOA_N
ClientSampleId :
IBLK

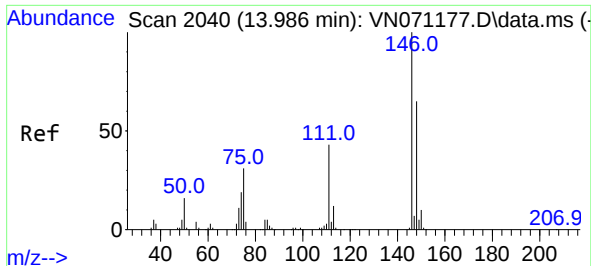
Tgt Ion	Ratio	Lower	Upper
146	100		
111	51.4	18.3	54.8
148	63.7	31.8	95.4



#89
n-Butylbenzene
Concen: 2.250 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071180.D
Acq: 07 Mar 2022 16:54

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.6	25.4	76.0
134	25.3	13.6	40.8

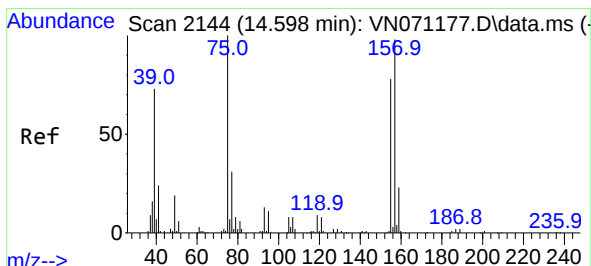
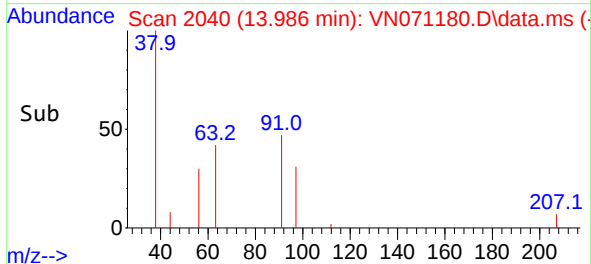
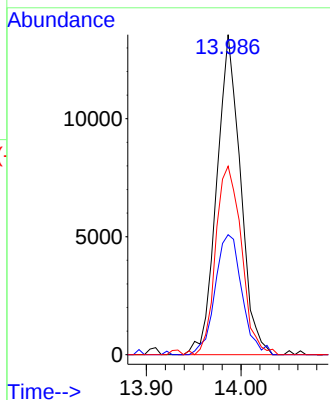
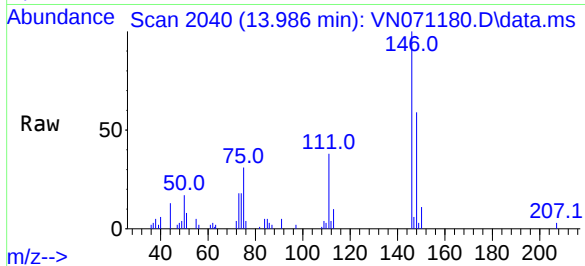




#91
1,2-Dichlorobenzene
Concen: 1.719 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071180.D
Acq: 07 Mar 2022 16:54

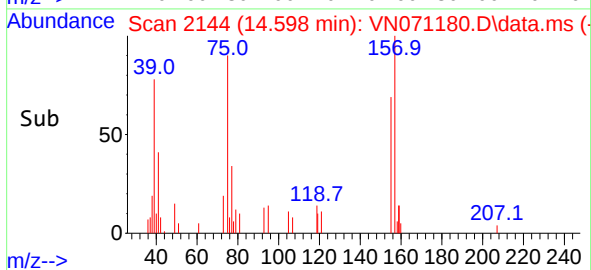
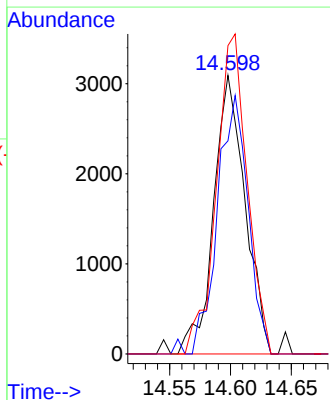
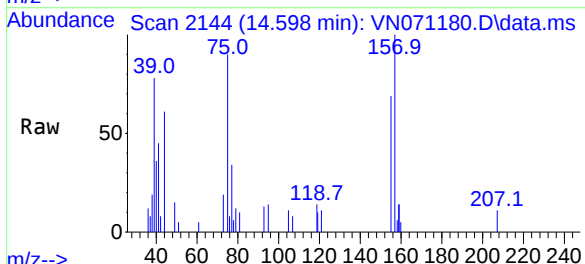
Instrument :
MSVOA_N
ClientSampleId :
IBLK

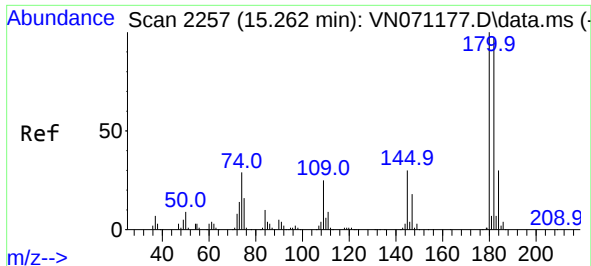
Tgt Ion:	146	Resp:	23641
Ion	Ratio	Lower	Upper
146	100		
111	42.3	19.1	57.3
148	64.1	32.1	96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.532 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071180.D
Acq: 07 Mar 2022 16:54

Tgt Ion:	75	Resp:	5561
Ion	Ratio	Lower	Upper
75	100		
155	91.0	46.9	140.7
157	112.5	60.6	181.7

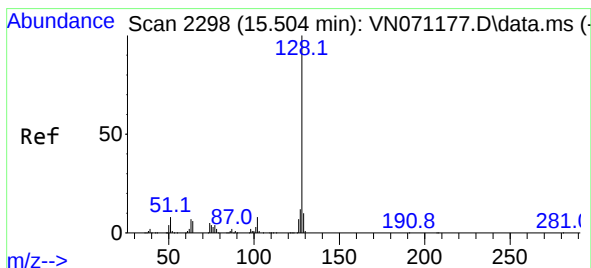
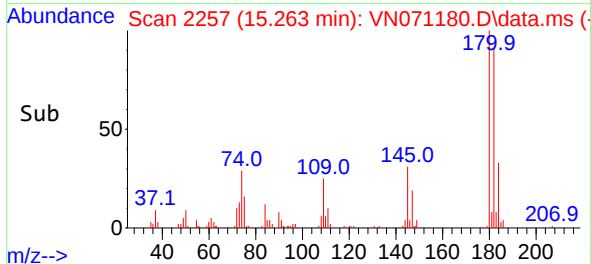
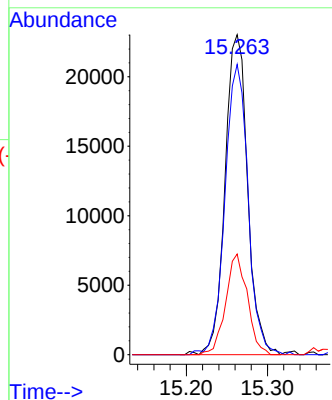
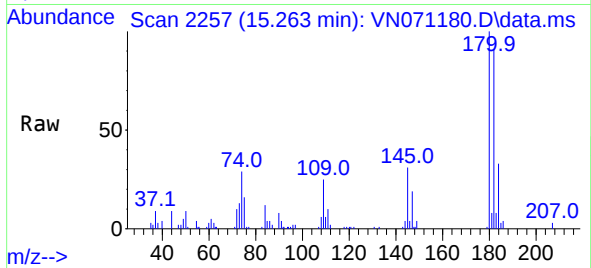




#93
1,2,4-Trichlorobenzene
Concen: 9.509 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.001 min
Lab File: VN071180.D
Acq: 07 Mar 2022 16:54

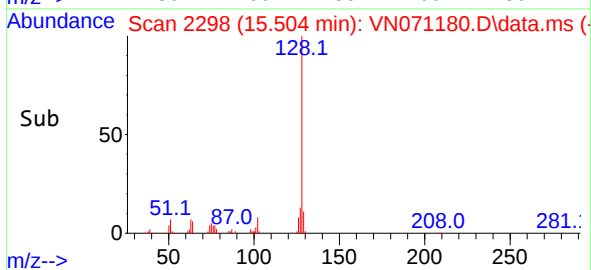
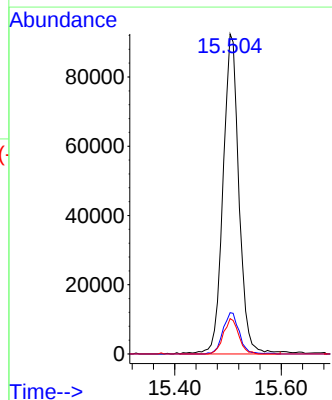
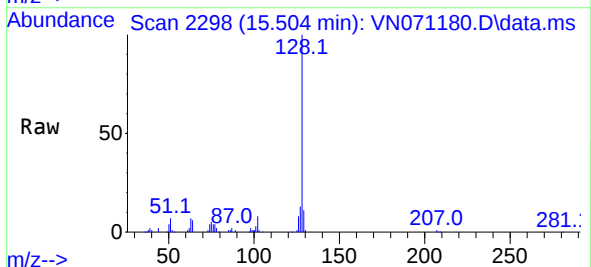
Instrument :
MSVOA_N
ClientSampleId :
IBLK

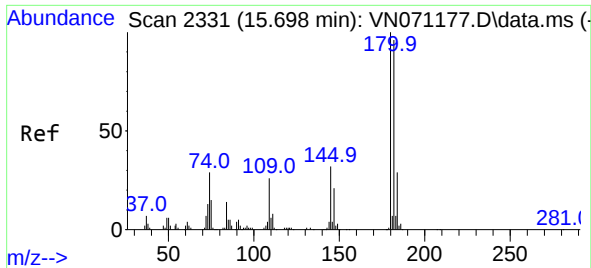
Tgt Ion:180 Resp: 44505
Ion Ratio Lower Upper
180 100
182 92.8 48.3 144.9
145 30.3 14.5 43.5



#95
Naphthalene
Concen: 14.646 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071180.D
Acq: 07 Mar 2022 16:54

Tgt Ion:128 Resp: 191372
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.6 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 10.946 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN071180.D
 Acq: 07 Mar 2022 16:54

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:	180	Resp:	53428
Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.4	142.2
145	31.8	15.0	45.1

