

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030722\
 Data File : VN071173.D
 Acq On : 07 Mar 2022 13:41
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 08 05:04:20 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	721978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1176046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1045767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	341214	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	452460	45.726	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.460%
35) Dibromofluoromethane	8.022	113	343931	46.344	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.680%
50) Toluene-d8	10.439	98	1427415	47.771	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.540%
62) 4-Bromofluorobenzene	12.733	95	416028	41.117	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	82.240%

Target Compounds				Qvalue		
3) Chloromethane	2.305	50	3057	0.253	ug/l #	89
5) Bromomethane	2.875	94	2834	0.700	ug/l #	69
10) Methyl Iodide	4.440	142	3925	0.376	ug/l #	63
13) Acrolein	4.040	56	1621	0.788	ug/l	99
15) Acrylonitrile	5.557	53	3461	0.600	ug/l #	89
16) Acetone	4.299	43	6765	1.405	ug/l	94
17) Carbon Disulfide	4.540	76	5309	0.258	ug/l #	74
18) Methyl Acetate	4.857	43	3441	0.734	ug/l #	81
20) Methylene Chloride	5.104	84	2653	0.681	ug/l #	77
25) 2-Butanone	7.351	43	5871	0.757	ug/l #	84
29) Tetrahydrofuran	7.692	42	3575	0.665	ug/l #	75
31) Cyclohexane	8.081	56	15499	0.981	ug/l #	1
36) 1,1-Dichloropropene	8.087	75	55461	4.664	ug/l #	49
38) Carbon Tetrachloride	8.081	117	71924	6.254	ug/l #	16
49) 1,4-Dioxane	9.569	88	510	2.587	ug/l #	16
51) 4-Methyl-2-Pentanone	10.333	43	14642	0.964	ug/l	98
56) Ethyl methacrylate	10.763	69	3279	0.227	ug/l #	92
58) 2-Chloroethyl Vinyl ether	10.051	63	73	27.887	ug/l #	45
59) 2-Hexanone	11.086	43	27150	2.620	ug/l	98
68) m/p-Xylenes	11.957	106	3389	0.233	ug/l	98
74) N-amyl acetate	12.392	43	12923	1.045	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	3364	Below Cal		94
76) 1,2,3-Trichloropropane	12.727	75	214163	24.455	ug/l #	1
77) Bromobenzene	12.857	156	2506	0.327	ug/l	63
78) n-propylbenzene	12.922	91	10541	0.299	ug/l	97
79) 2-Chlorotoluene	13.004	91	5605	0.247	ug/l	85
81) trans-1,4-Dichloro-2-b...	12.727	75	214163	67.849	ug/l #	5
82) 4-Chlorotoluene	13.110	91	8530	0.423	ug/l	87
84) 1,2,4-Trimethylbenzene	13.369	105	7318	0.299	ug/l	99
85) sec-Butylbenzene	13.498	105	7041	0.232	ug/l	92
86) p-Isopropyltoluene	13.616	119	6762	0.283	ug/l	91
87) 1,3-Dichlorobenzene	13.616	146	7747	0.622	ug/l	96
88) 1,4-Dichlorobenzene	13.616	146	7747	0.636	ug/l	96
89) n-Butylbenzene	13.945	91	18424	0.987	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	8855	0.739	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.604	75	2029	1.060	ug/l	78

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Quant Title : SW846 8260
QLast Update : Tue Mar 08 04:45:05 2022
Response via : Initial Calibration

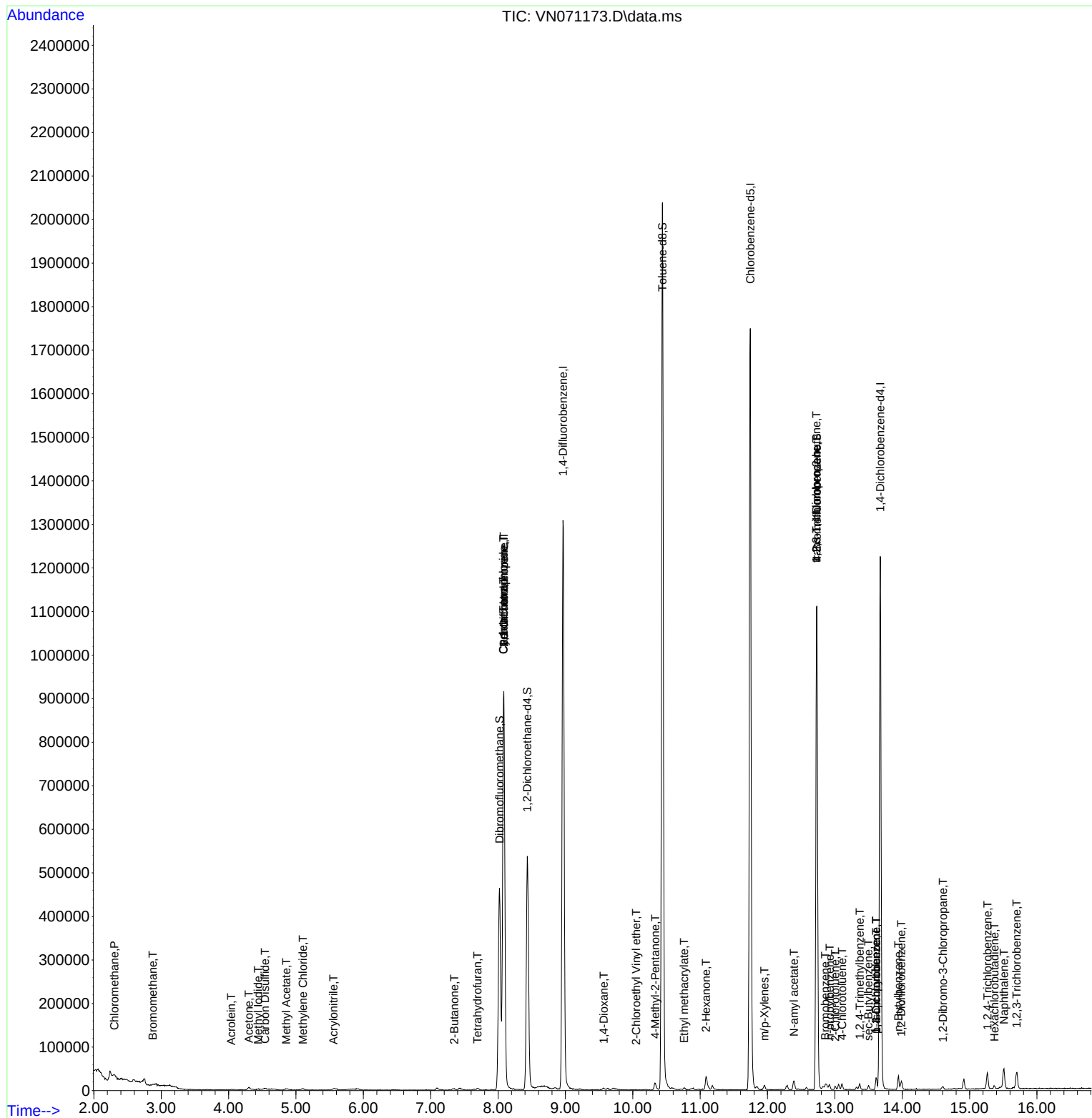
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.268	180	12753	5.134	ug/l	94
94) Hexachlorobutadiene	15.368	225	1670	0.496	ug/l	92
95) Naphthalene	15.510	128	44688	7.635	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	15551	5.476	ug/l	99

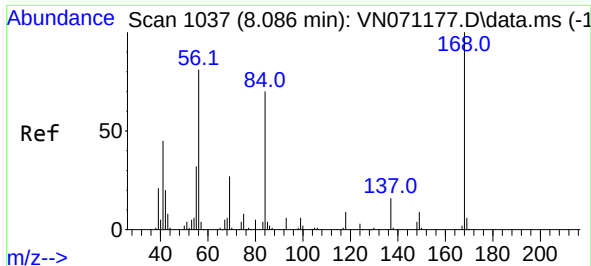
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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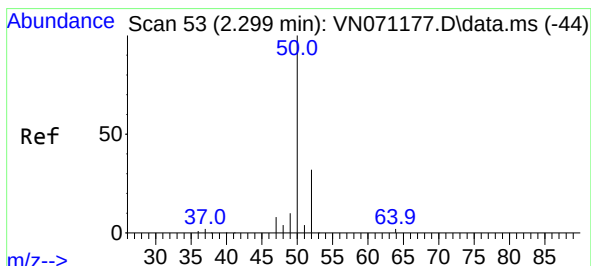
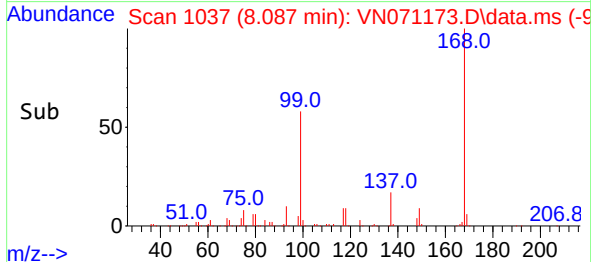
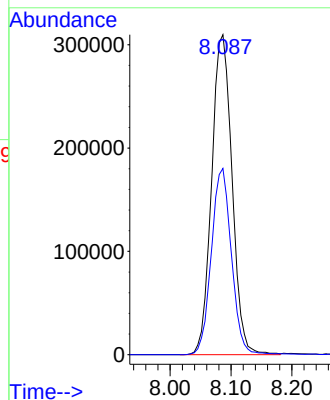
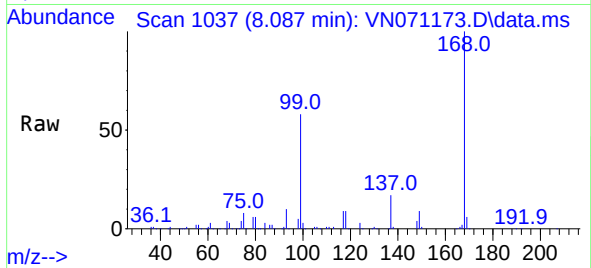




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

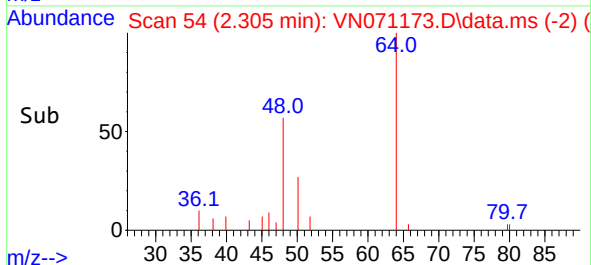
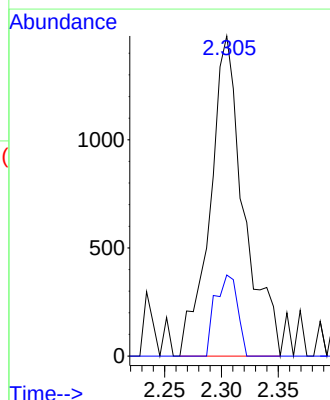
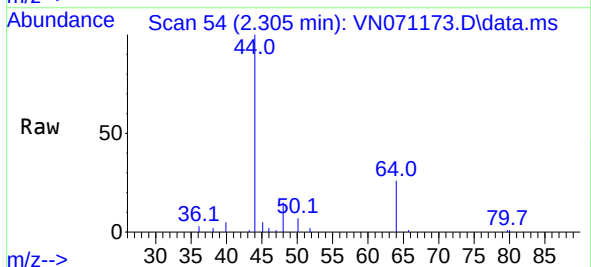
Instrument :
MSVOA_N
ClientSampleId :
IBLK

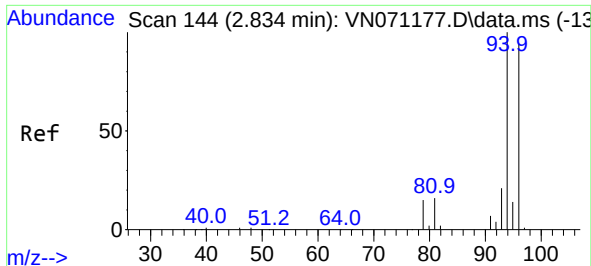
Tgt Ion:168 Resp: 721978
Ion Ratio Lower Upper
168 100
99 58.2 41.3 61.9



#3
Chloromethane
Concen: 0.253 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

Tgt Ion: 50 Resp: 3057
Ion Ratio Lower Upper
50 100
52 25.3 25.4 38.0#

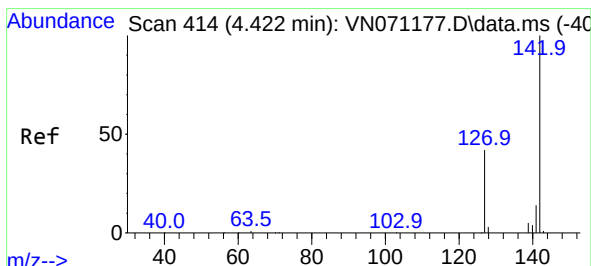
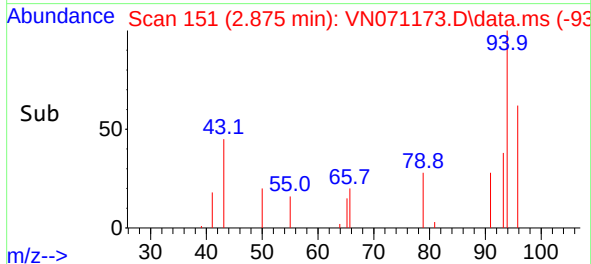
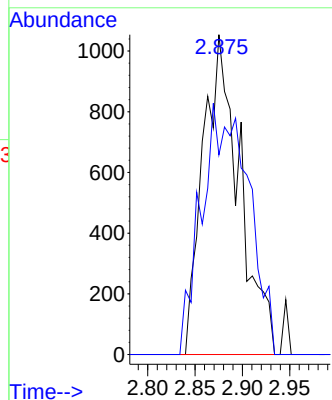
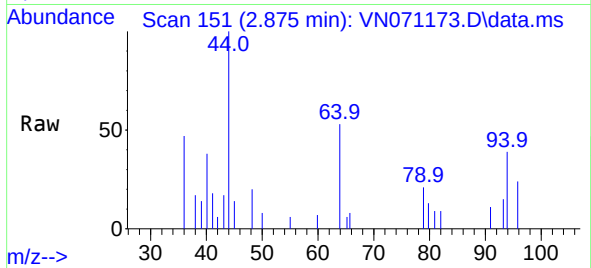




#5
Bromomethane
Concen: 0.700 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

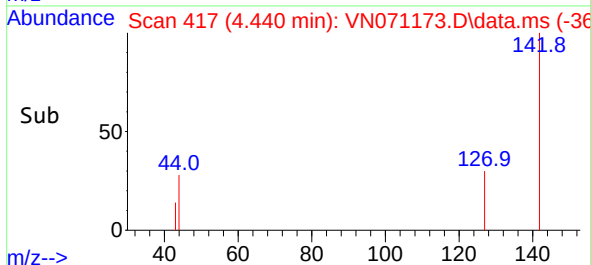
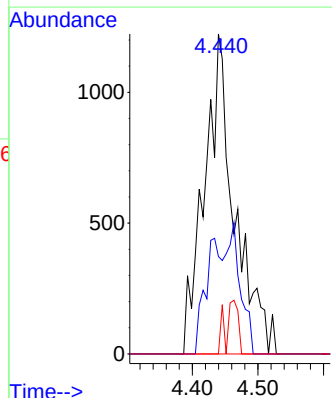
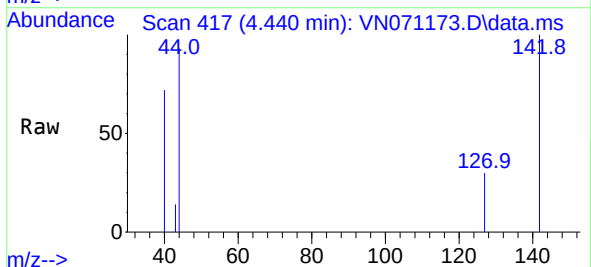
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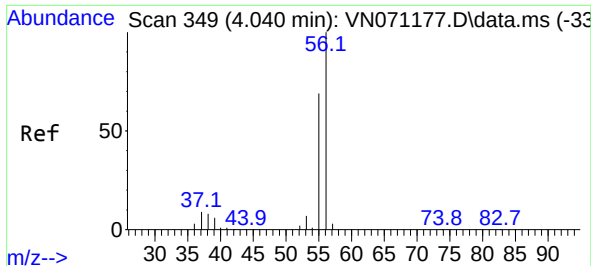
Tgt Ion: 94 Resp: 2834
Ion Ratio Lower Upper
94 100
96 62.4 73.8 110.8#



#10
Methyl Iodide
Concen: 0.376 ug/l
RT: 4.440 min Scan# 417
Delta R.T. 0.018 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

Tgt Ion: 142 Resp: 3925
Ion Ratio Lower Upper
142 100
127 20.2 35.4 53.0#
141 0.0 11.6 17.4#

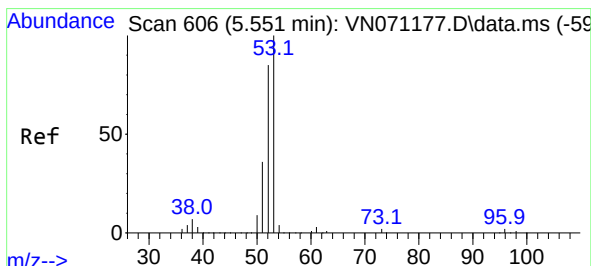
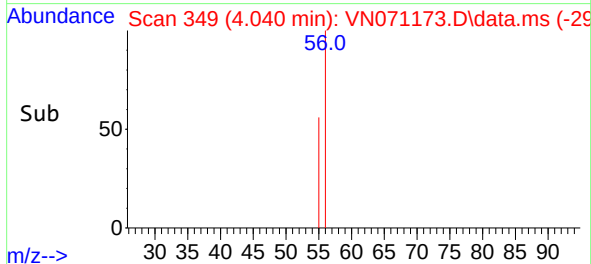
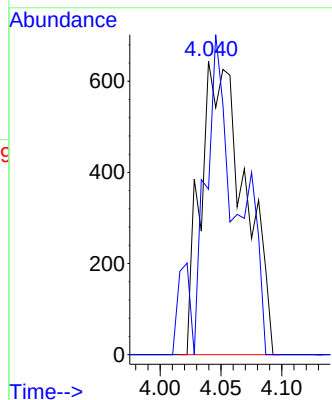
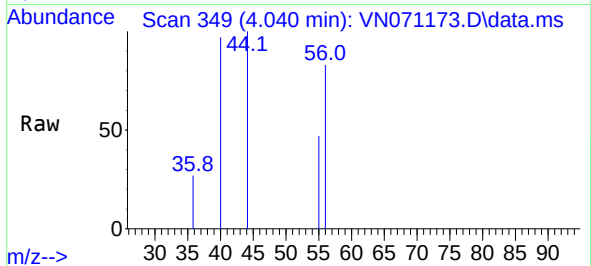




#13
Acrolein
Concen: 0.788 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

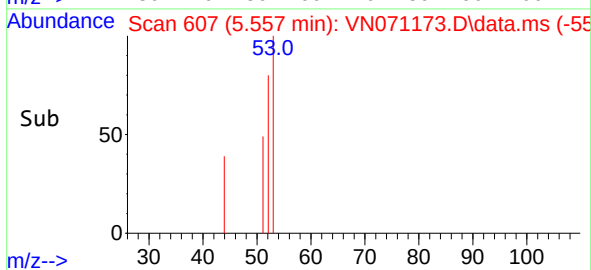
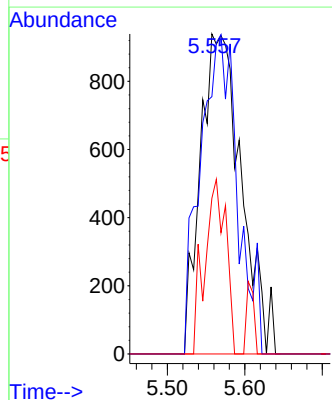
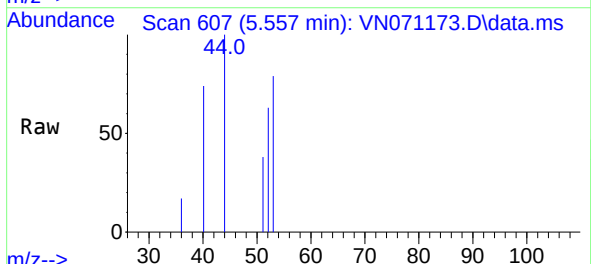
Instrument :
MSVOA_N
ClientSampleId :
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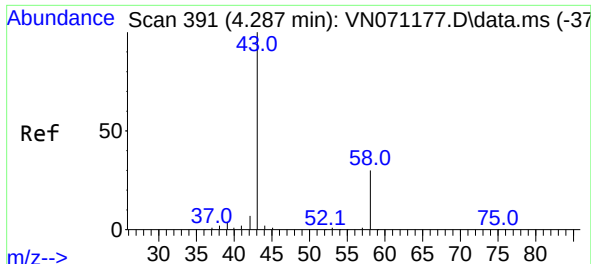
Tgt Ion: 56 Resp: 1621
Ion Ratio Lower Upper
56 100
55 71.4 56.6 85.0



#15
Acrylonitrile
Concen: 0.600 ug/l
RT: 5.557 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

Tgt Ion: 53 Resp: 3461
Ion Ratio Lower Upper
53 100
52 90.8 66.2 99.2
51 28.2 29.6 44.4#

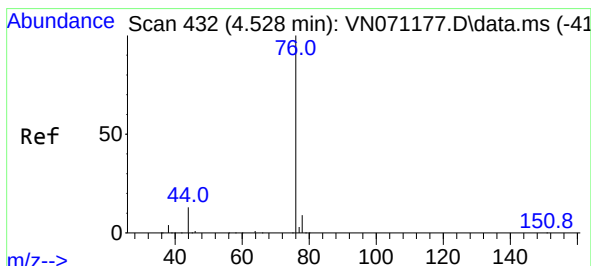
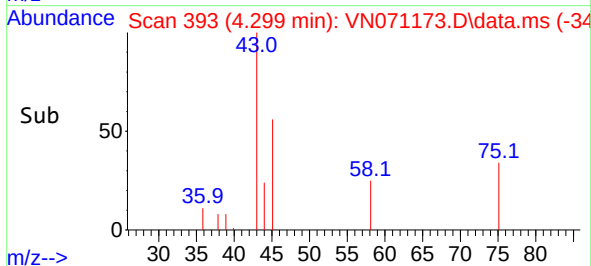
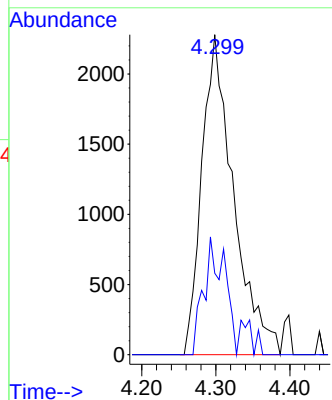
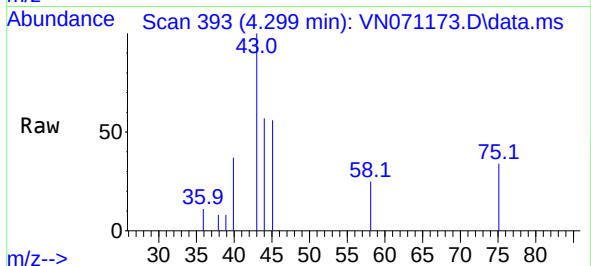




#16
Acetone
Concen: 1.405 ug/l
RT: 4.299 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

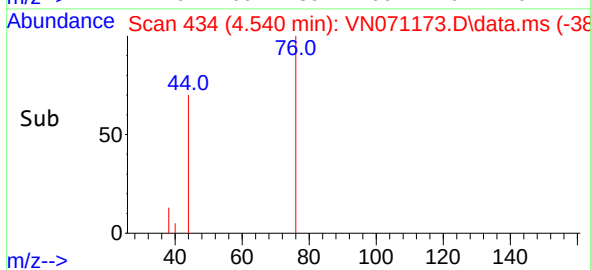
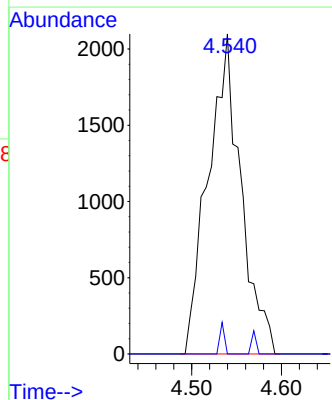
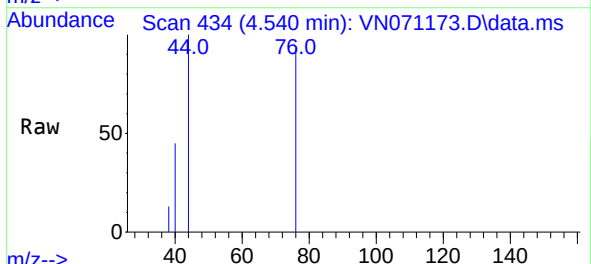
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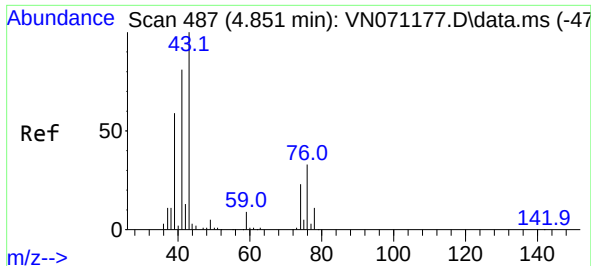
Tgt Ion: 43 Resp: 6765
Ion Ratio Lower Upper
43 100
58 25.5 23.1 34.7



#17
Carbon Disulfide
Concen: 0.258 ug/l
RT: 4.540 min Scan# 434
Delta R.T. 0.012 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

Tgt Ion: 76 Resp: 5309
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

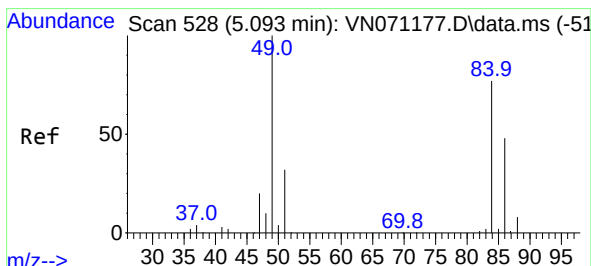
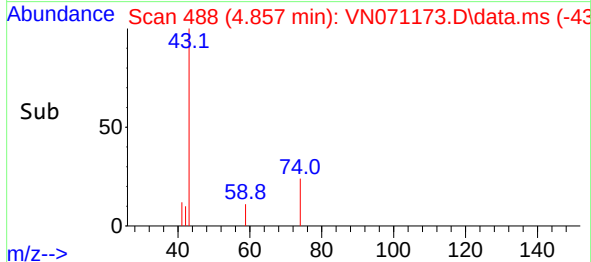
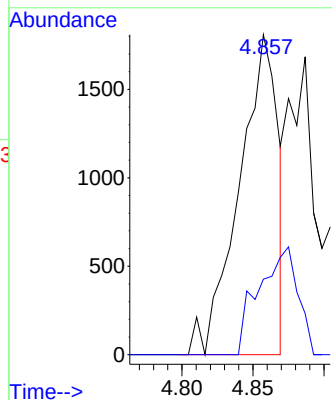
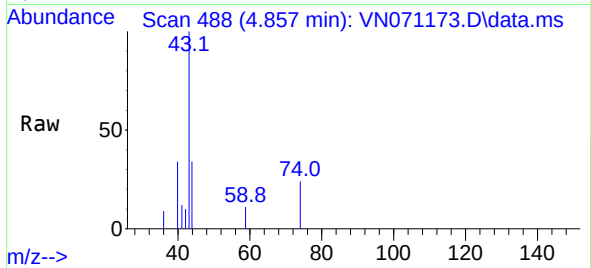




#18
Methyl Acetate
Concen: 0.734 ug/l
RT: 4.857 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

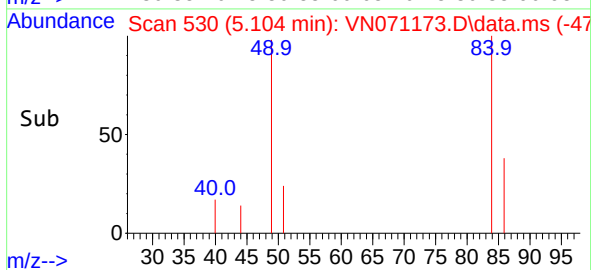
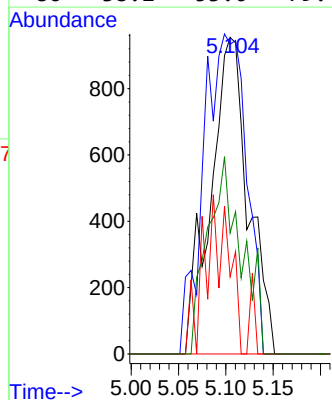
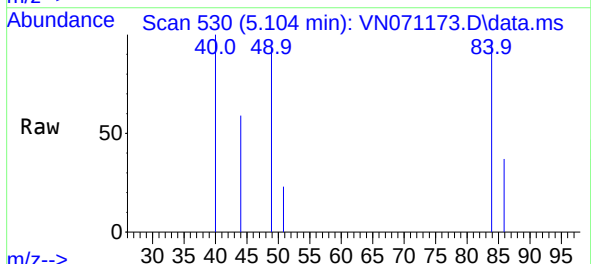
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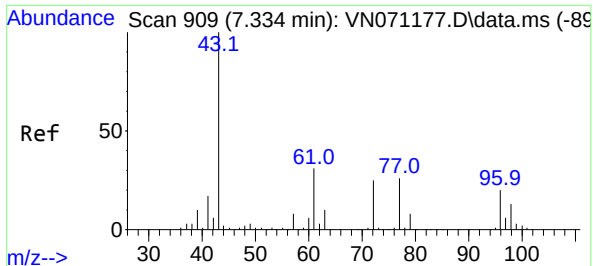
Tgt Ion: 43 Resp: 3441
Ion Ratio Lower Upper
43 100
74 33.7 19.4 29.2#



#20
Methylene Chloride
Concen: 0.681 ug/l
RT: 5.104 min Scan# 530
Delta R.T. 0.011 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

Tgt Ion: 84 Resp: 2653
Ion Ratio Lower Upper
84 100
49 97.8 93.5 140.3
51 24.4 29.4 44.2#
86 38.2 53.0 79.4#





#25

2-Butanone

Concen: 0.757 ug/l

RT: 7.351 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN071173.D

Acq: 07 Mar 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

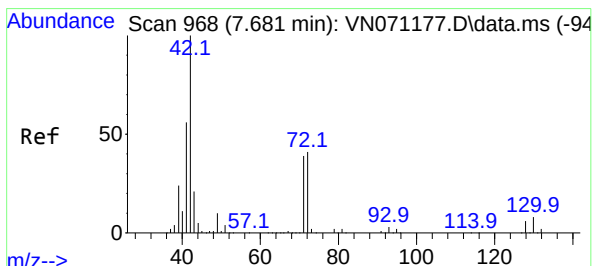
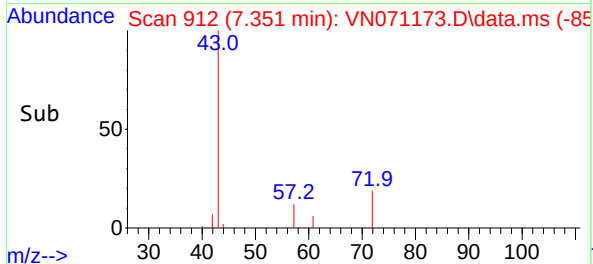
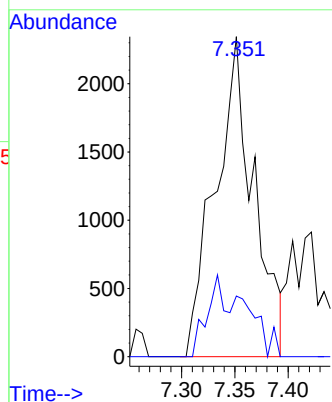
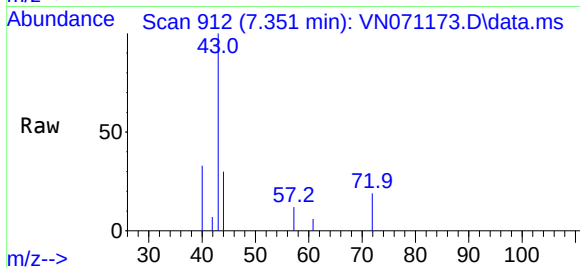
IBLK

Tgt Ion: 43 Resp: 5871

Ion Ratio Lower Upper

43 100

72 19.0 21.7 32.5#



#29

Tetrahydrofuran

Concen: 0.665 ug/l

RT: 7.692 min Scan# 970

Delta R.T. 0.012 min

Lab File: VN071173.D

Acq: 07 Mar 2022 13:41

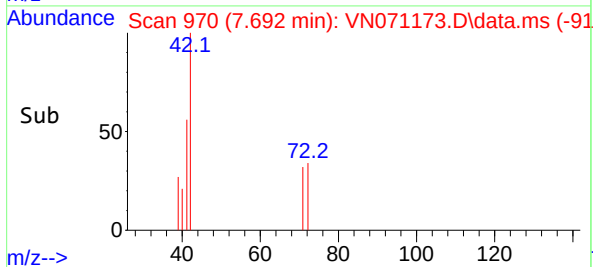
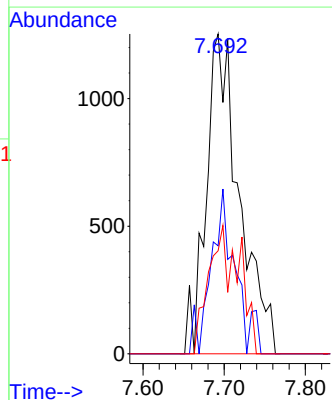
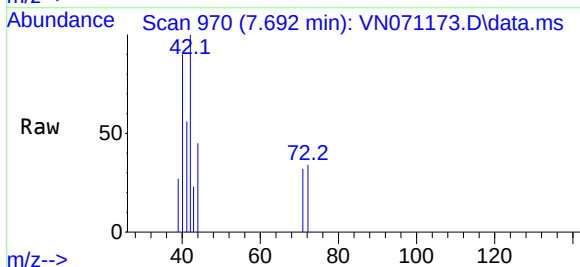
Tgt Ion: 42 Resp: 3575

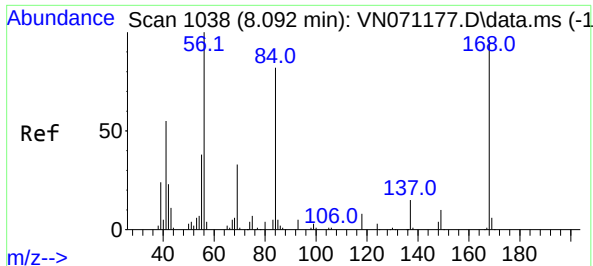
Ion Ratio Lower Upper

42 100

72 34.5 36.3 54.5#

71 21.9 34.7 52.1#

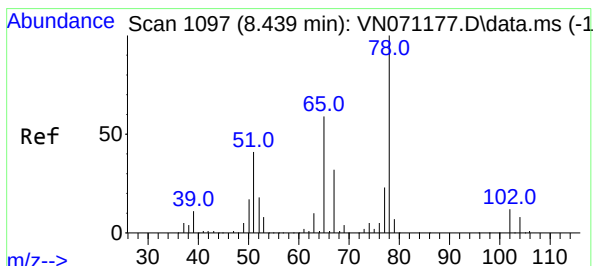
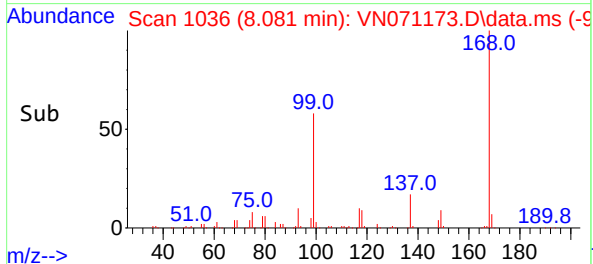
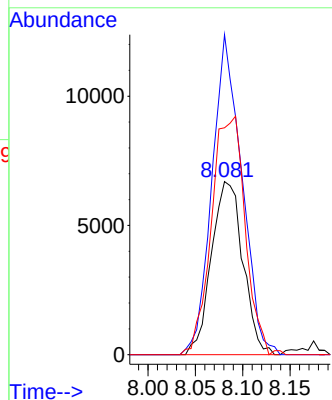
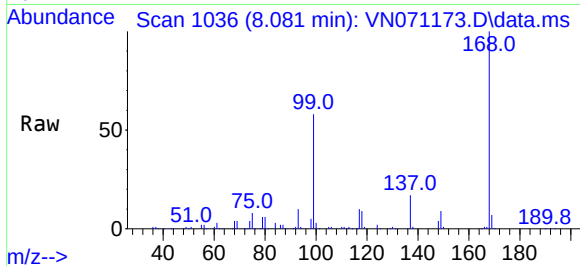




#31
Cyclohexane
Concen: 0.981 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

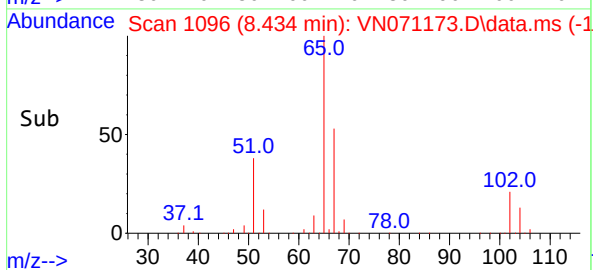
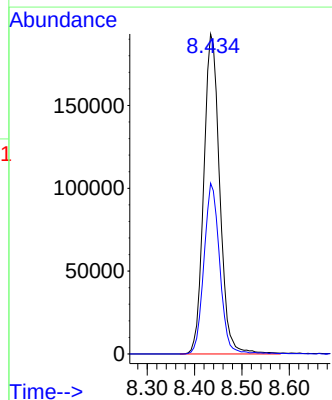
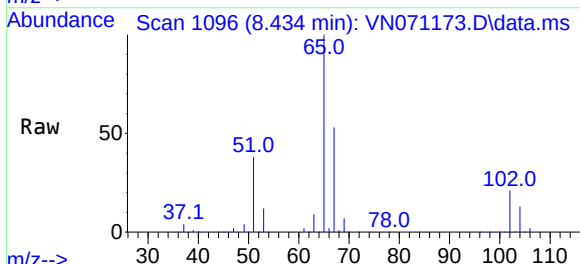
Instrument :
MSVOA_N
ClientSampleId :
IBLK

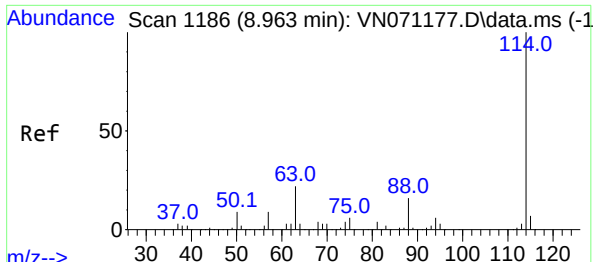
Tgt Ion: 56 Resp: 15499
Ion Ratio Lower Upper
56 100
69 184.9 27.1 40.7#
84 131.1 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 45.726 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

Tgt Ion: 65 Resp: 452460
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0

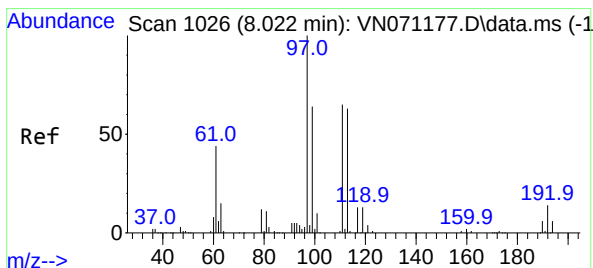
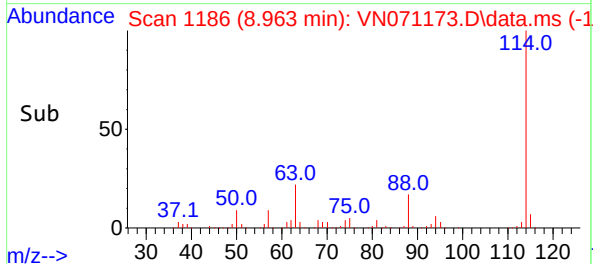
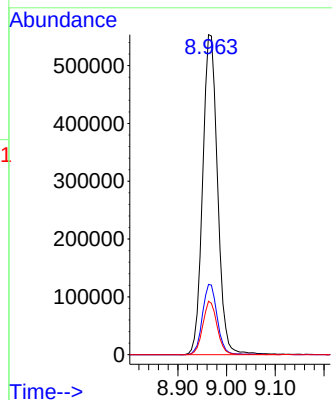
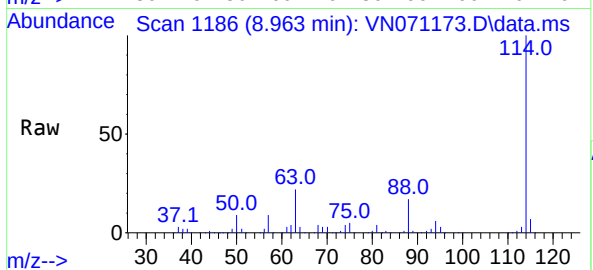




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

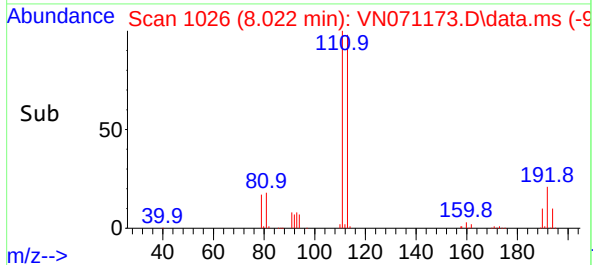
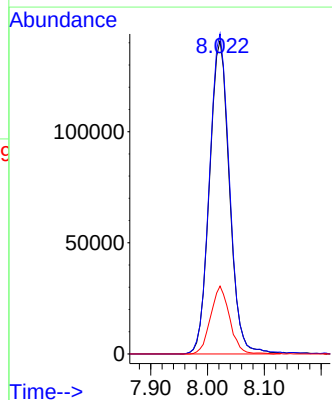
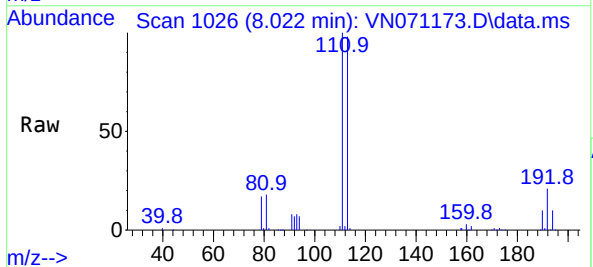
Instrument :
MSVOA_N
ClientSampleId :
IBLK

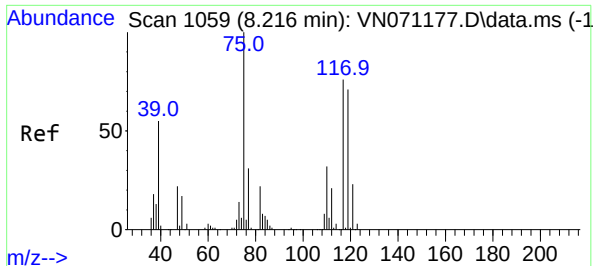
Tgt Ion:114 Resp: 1176046
Ion Ratio Lower Upper
114 100
63 22.0 0.0 37.8
88 16.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.344 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

Tgt Ion:113 Resp: 343931
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 20.6 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.664 ug/l

RT: 8.087 min Scan# 1

Delta R.T. -0.129 min

Lab File: VN071173.D

Acq: 07 Mar 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

IBLK

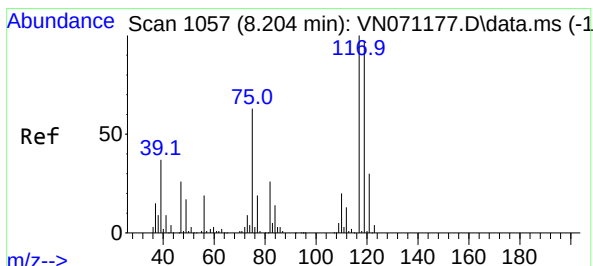
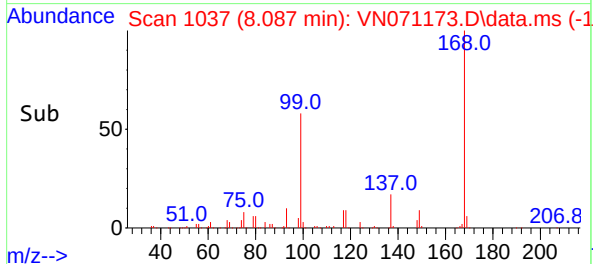
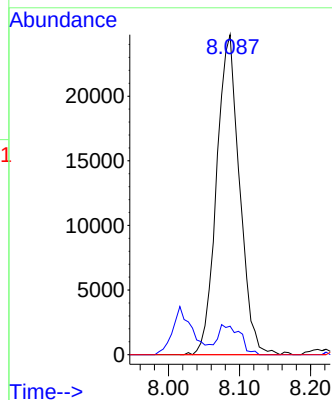
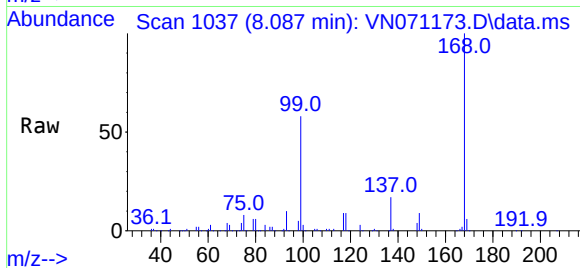
Tgt Ion: 75 Resp: 55461

Ion Ratio Lower Upper

75 100

110 8.8 18.4 55.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.254 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN071173.D

Acq: 07 Mar 2022 13:41

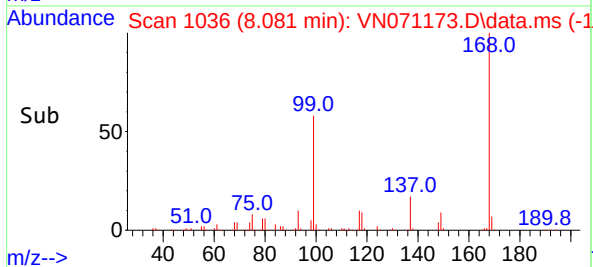
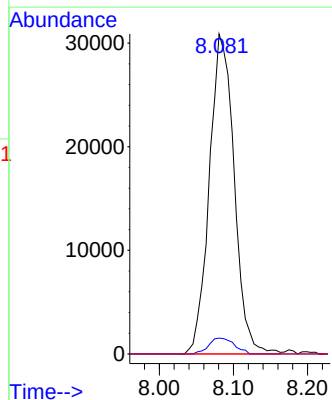
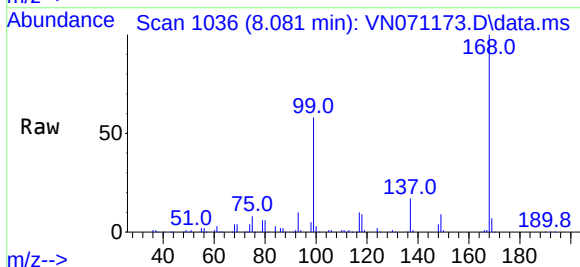
Tgt Ion: 117 Resp: 71924

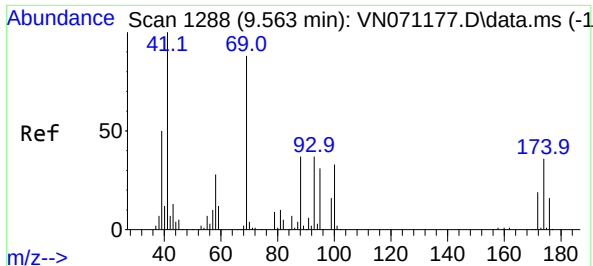
Ion Ratio Lower Upper

117 100

119 4.9 76.1 114.1#

121 0.0 24.2 36.2#

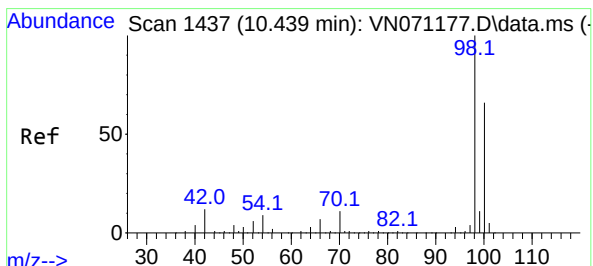
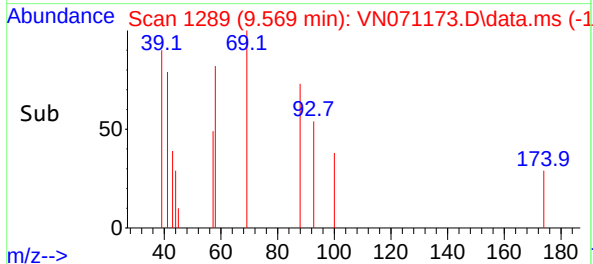
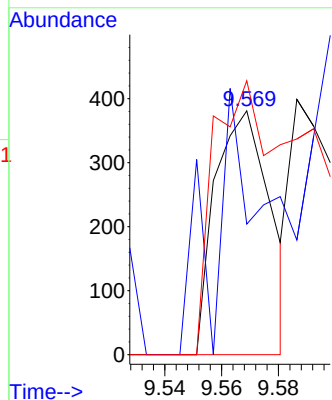
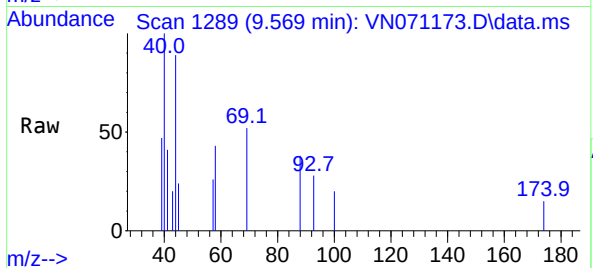




#49
1,4-Dioxane
Concen: 2.587 ug/l
RT: 9.569 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

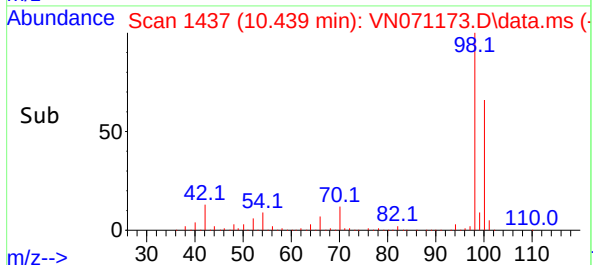
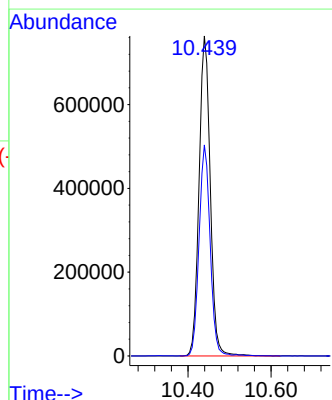
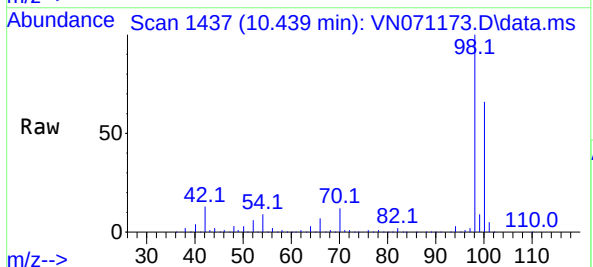
Instrument :
MSVOA_N
ClientSampleId :
IBLK

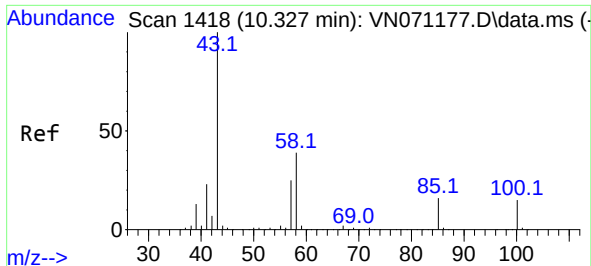
Tgt Ion: 88 Resp: 510
Ion Ratio Lower Upper
88 100
43 80.2 23.4 35.2#
58 124.3 50.6 75.8#



#50
Toluene-d8
Concen: 47.771 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

Tgt Ion: 98 Resp: 1427415
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 0.964 ug/l

RT: 10.333 min Scan# 1418

Delta R.T. 0.006 min

Lab File: VN071173.D

Acq: 07 Mar 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

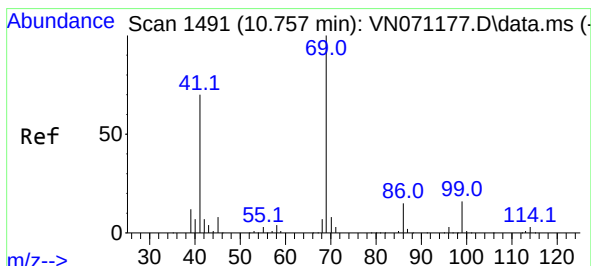
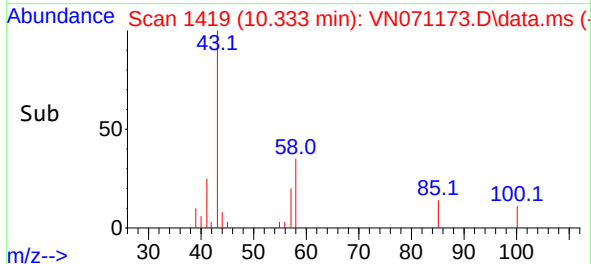
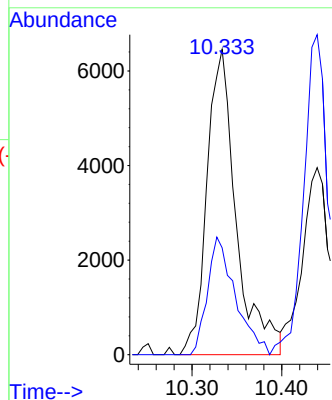
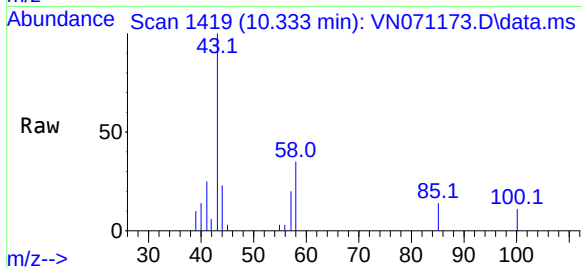
IBLK

Tgt Ion: 43 Resp: 14642

Ion Ratio Lower Upper

43 100

58 36.7 30.4 45.6



#56

Ethyl methacrylate

Concen: 0.227 ug/l

RT: 10.763 min Scan# 1492

Delta R.T. 0.006 min

Lab File: VN071173.D

Acq: 07 Mar 2022 13:41

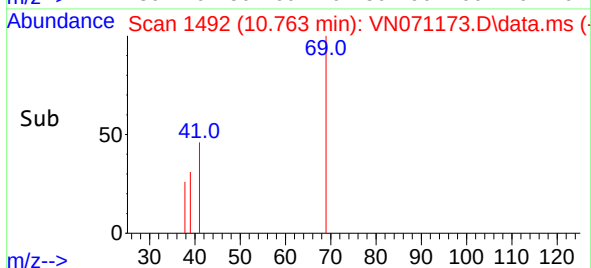
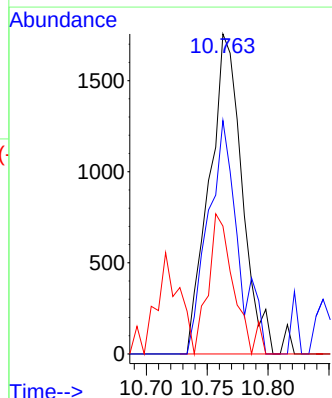
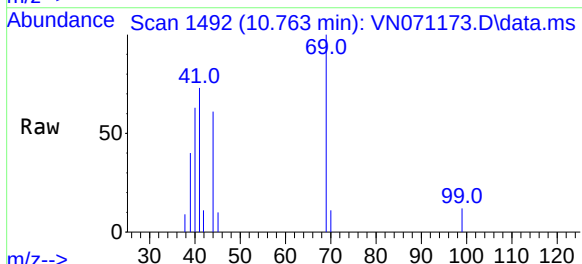
Tgt Ion: 69 Resp: 3279

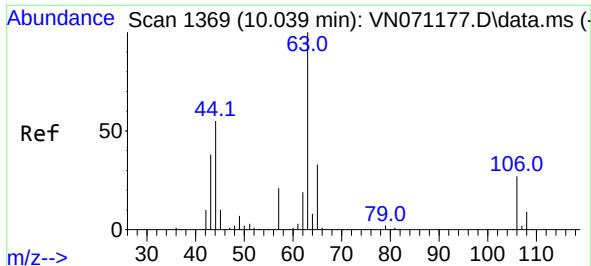
Ion Ratio Lower Upper

69 100

41 67.4 51.4 77.0

39 34.0 34.6 52.0#

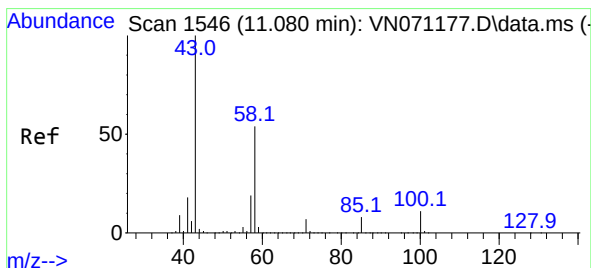
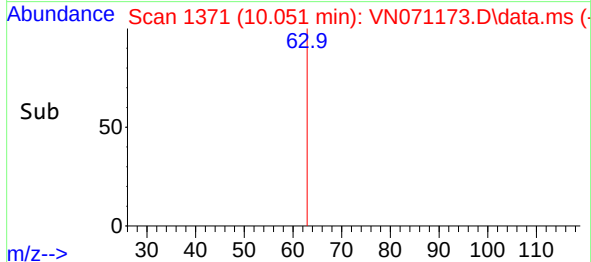
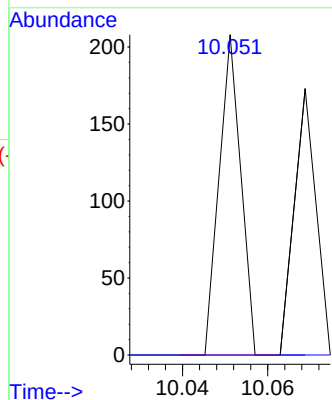
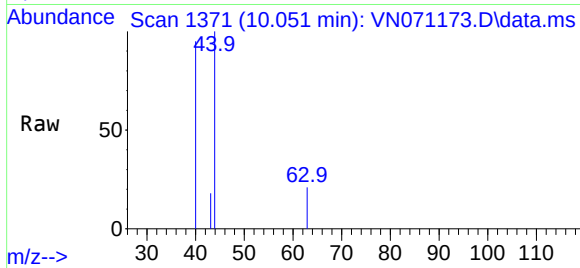




#58
2-Chloroethyl Vinyl ether
Concen: 27.887 ug/l
RT: 10.051 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

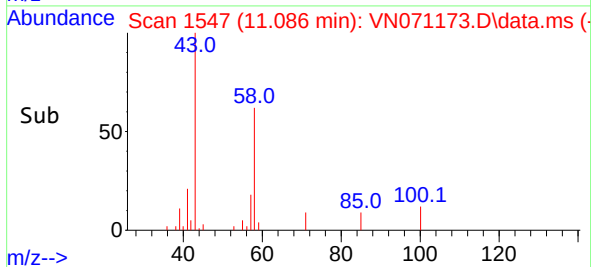
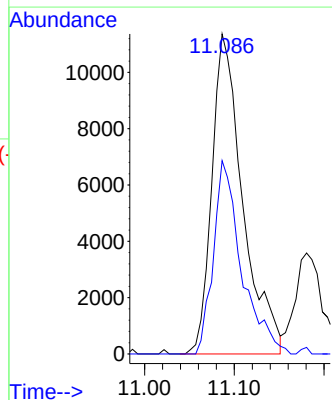
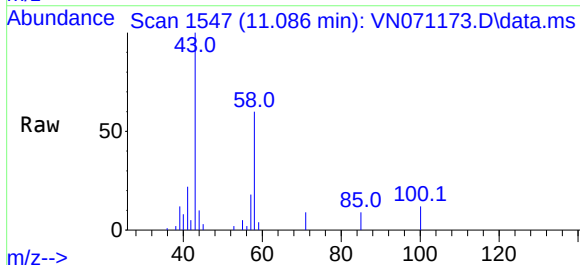
Instrument :
MSVOA_N
ClientSampleId :
IBLK

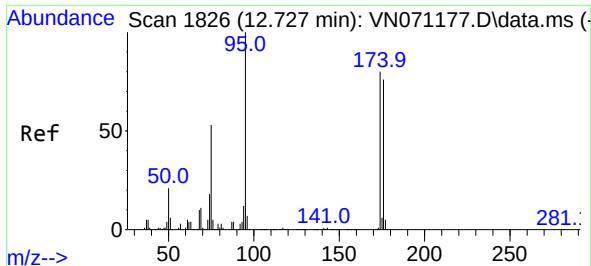
Tgt Ion: 63 Resp: 73
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 2.620 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

Tgt Ion: 43 Resp: 27150
Ion Ratio Lower Upper
43 100
58 54.9 26.9 80.7

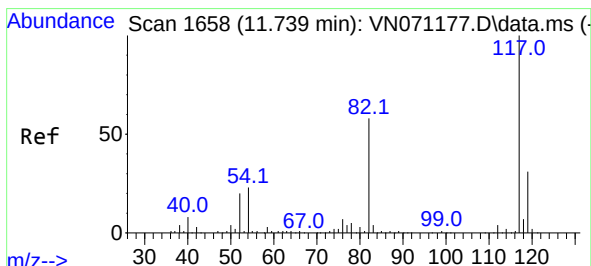
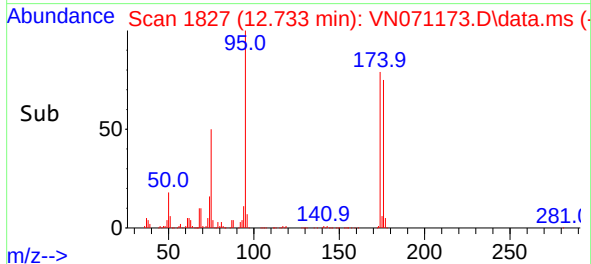
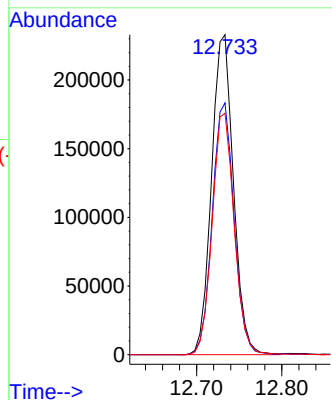
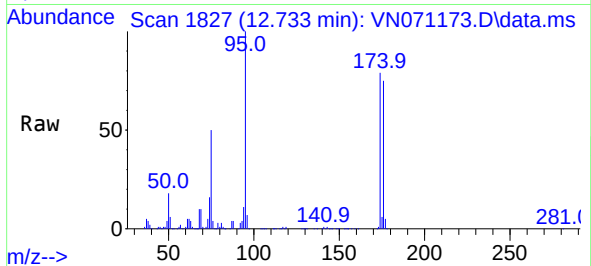




#62
4-Bromofluorobenzene
Concen: 41.117 ug/l
RT: 12.733 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

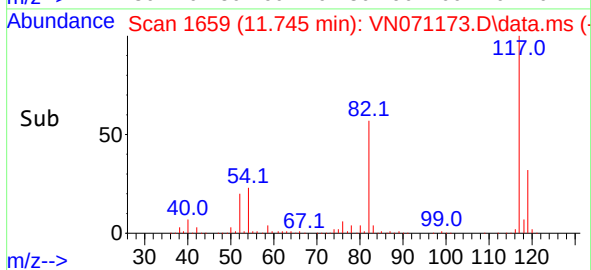
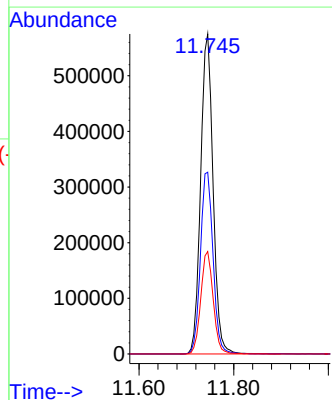
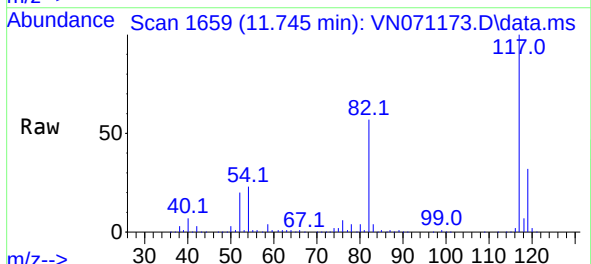
Instrument :
MSVOA_N
ClientSampleId :
IBLK

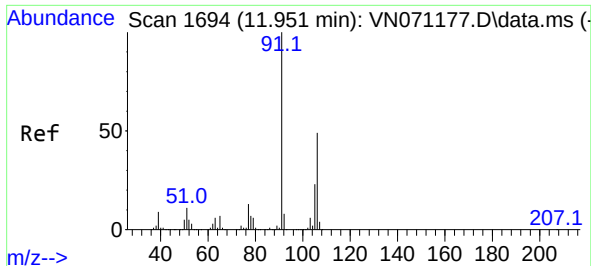
Tgt Ion: 95 Resp: 416028
Ion Ratio Lower Upper
95 100
174 78.4 0.0 187.2
176 75.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

Tgt Ion: 117 Resp: 1045767
Ion Ratio Lower Upper
117 100
82 56.8 42.4 63.6
119 32.0 25.4 38.2

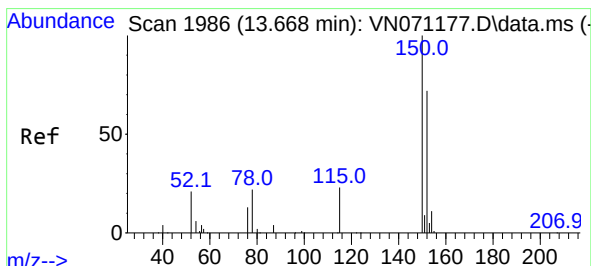
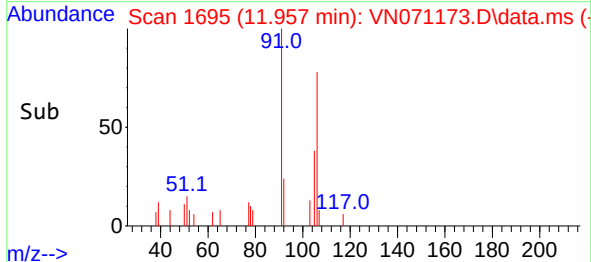
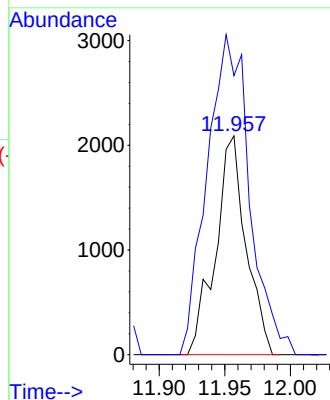
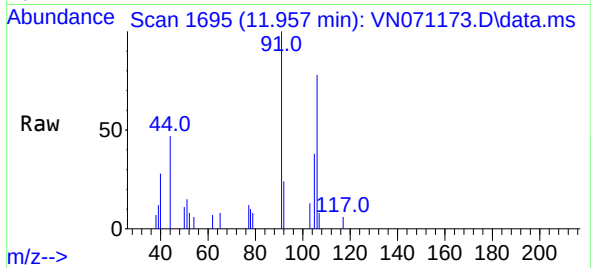




#68
m/p-Xylenes
Concen: 0.233 ug/l
RT: 11.957 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

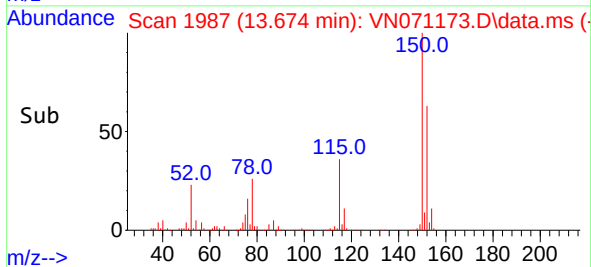
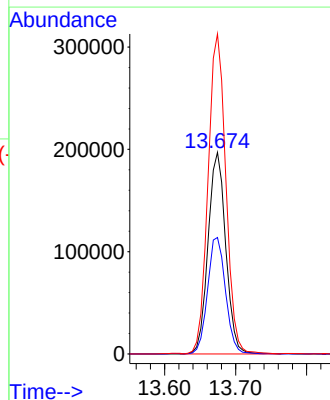
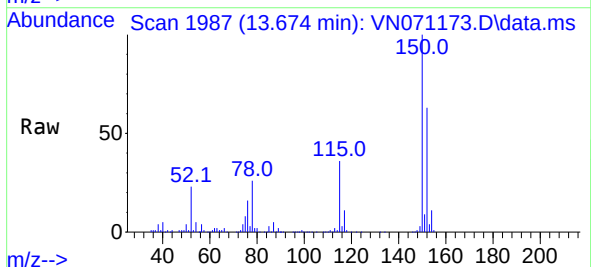
Instrument :
MSVOA_N
ClientSampleId :
IBLK

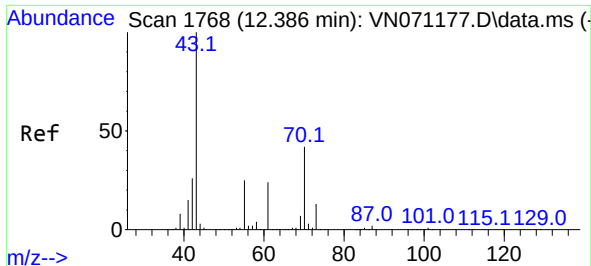
Tgt Ion:106 Resp: 3389
Ion Ratio Lower Upper
106 100
91 203.0 160.6 240.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

Tgt Ion:152 Resp: 341214
Ion Ratio Lower Upper
152 100
115 58.3 27.5 82.5
150 159.1 0.0 344.4

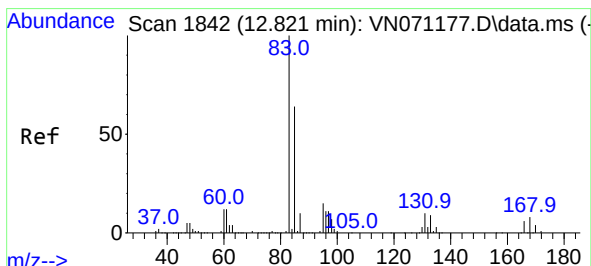
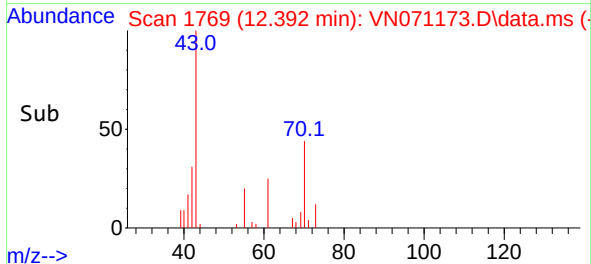
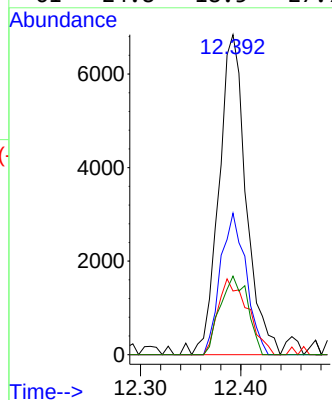
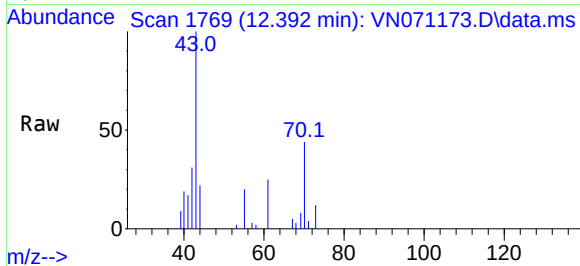




#74
N-amy1 acetate
Concen: 1.045 ug/l
RT: 12.392 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

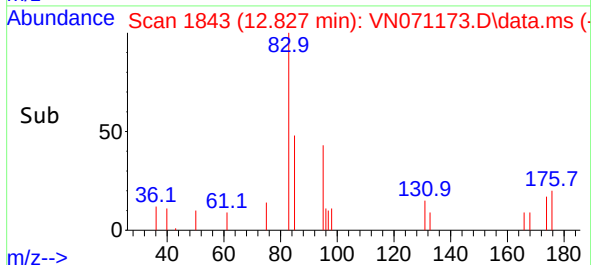
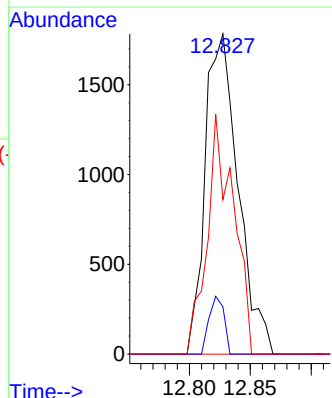
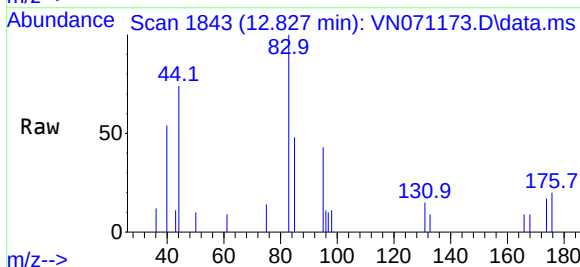
Instrument :
MSVOA_N
ClientSampleId :
IBLK

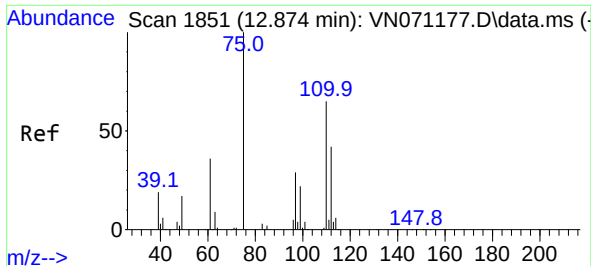
Tgt Ion: 43	Resp: 12923
Ion Ratio	Lower Upper
43 100	
70 41.8	33.4 50.0
55 26.0	19.3 28.9
61 24.8	18.5 27.7



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.827 min Scan# 1843
Delta R.T. 0.006 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

Tgt Ion: 83	Resp: 3364
Ion Ratio	Lower Upper
83 100	
131 8.1	5.5 16.5
85 60.0	32.4 97.2

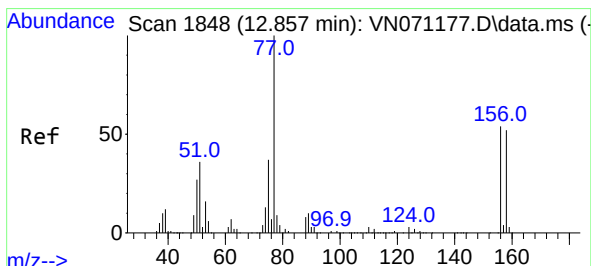
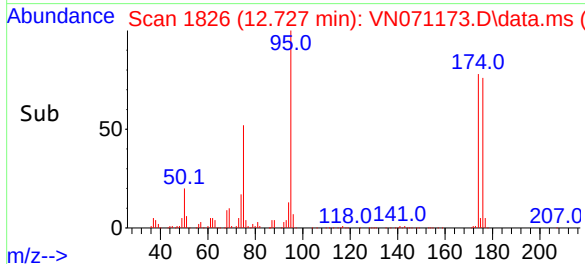
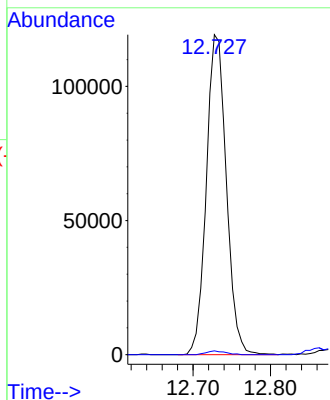
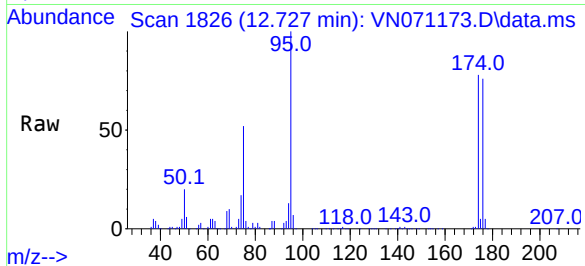




#76
1,2,3-Trichloropropane
Concen: 24.455 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

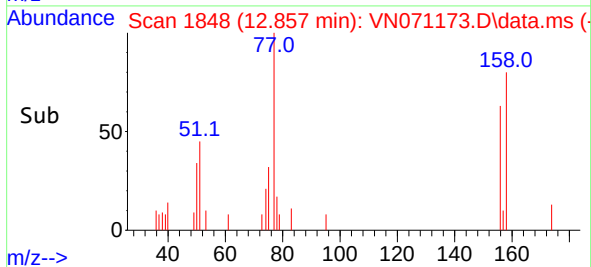
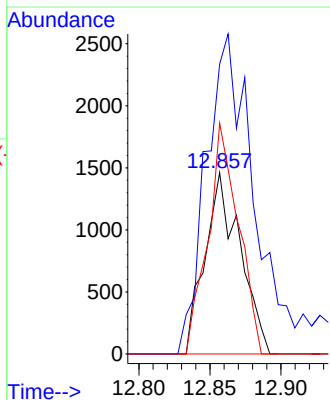
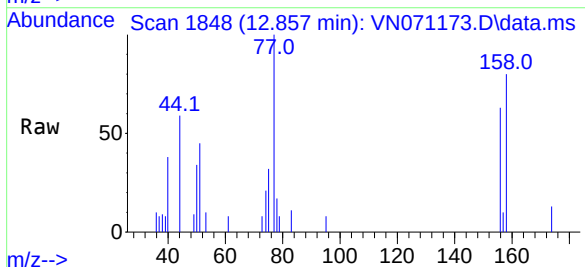
Instrument :
MSVOA_N
ClientSampleId :
IBLK

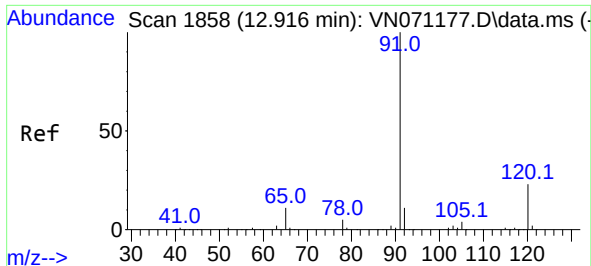
Tgt Ion: 75 Resp: 214163
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#77
Bromobenzene
Concen: 0.327 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

Tgt Ion: 156 Resp: 2506
Ion Ratio Lower Upper
156 100
77 252.4 90.6 271.8
158 110.8 48.9 146.7

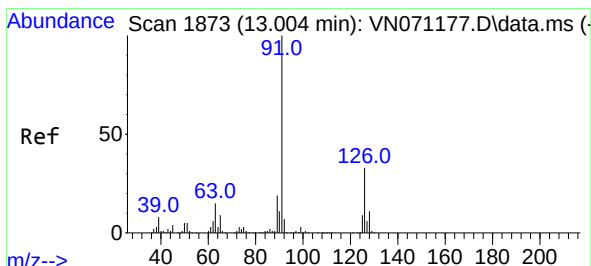
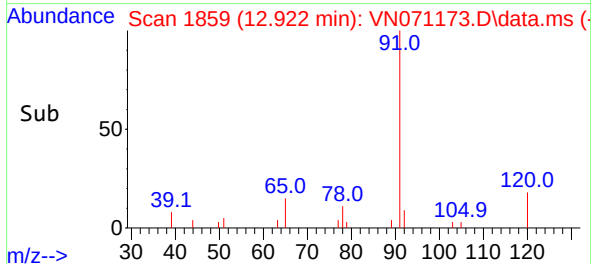
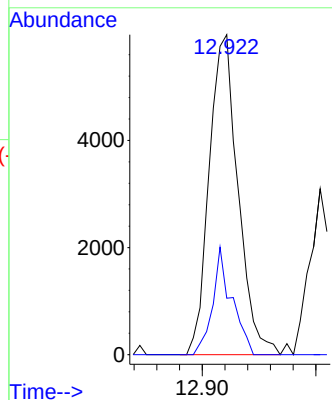
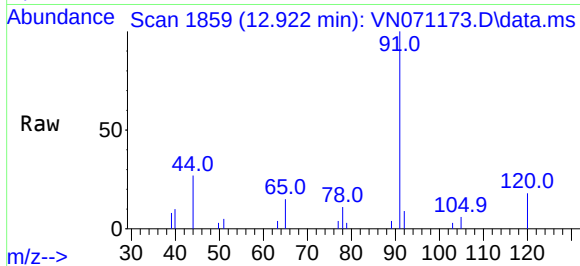




#78
n-propylbenzene
Concen: 0.299 ug/l
RT: 12.922 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

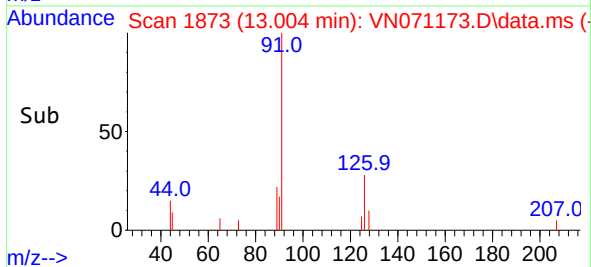
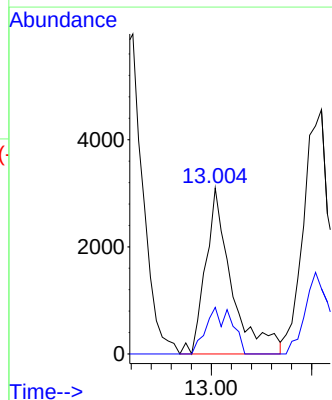
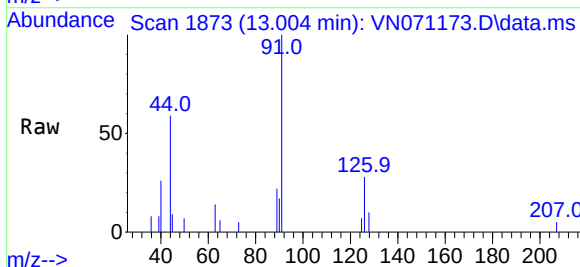
Instrument :
MSVOA_N
ClientSampleId :
IBLK

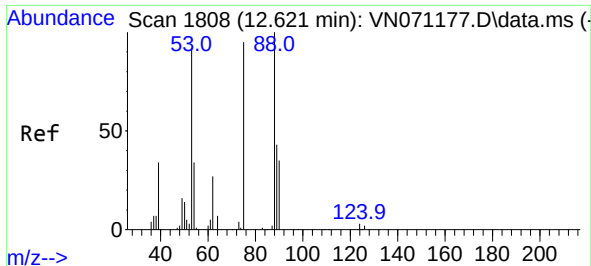
Tgt Ion: 91 Resp: 10541
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.9



#79
2-Chlorotoluene
Concen: 0.247 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

Tgt Ion: 91 Resp: 5605
Ion Ratio Lower Upper
91 100
126 27.7 18.3 54.8

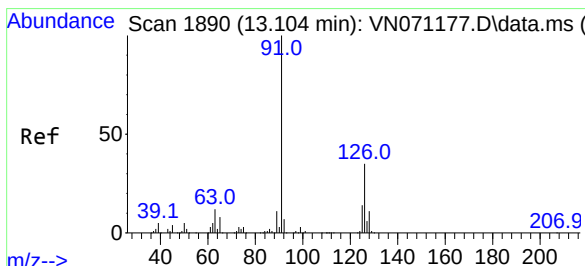
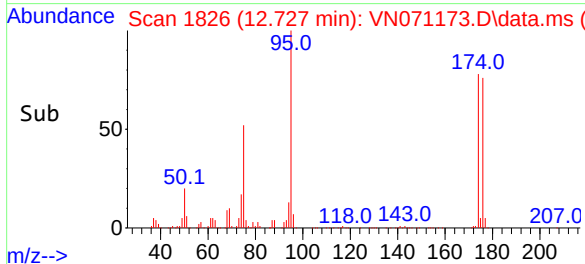
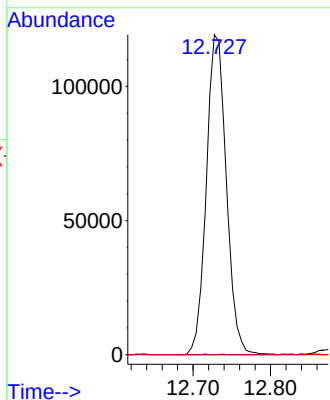
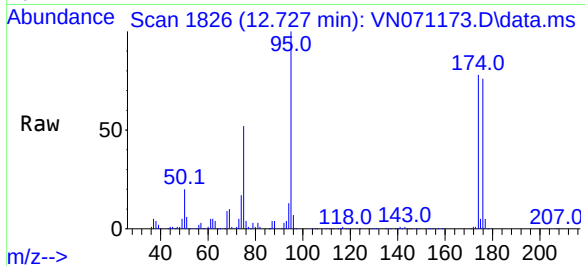




#81
trans-1,4-Dichloro-2-butene
Concen: 67.849 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

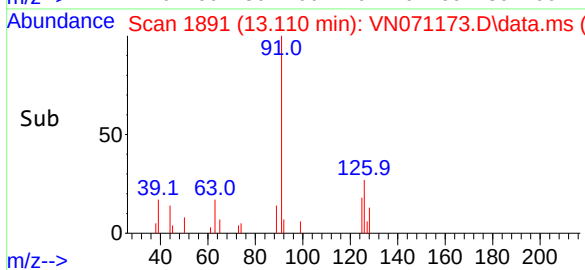
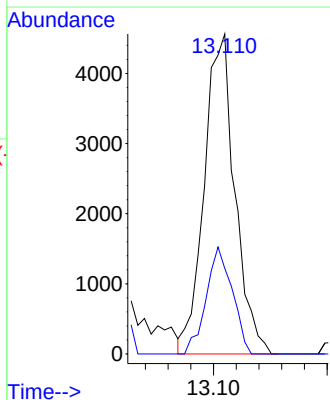
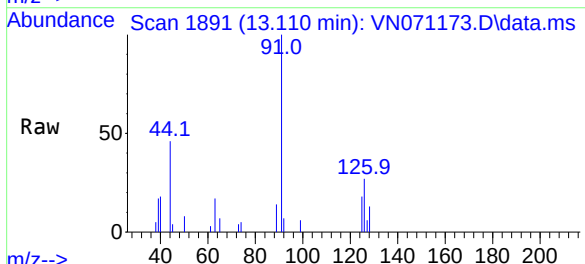
Instrument :
MSVOA_N
ClientSampleId :
IBLK

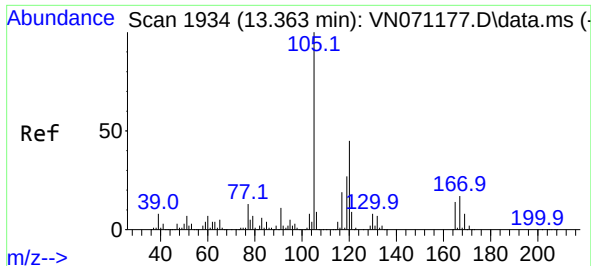
Tgt Ion: 75 Resp: 214163
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.423 ug/l
RT: 13.110 min Scan# 1891
Delta R.T. 0.006 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

Tgt Ion: 91 Resp: 8530
Ion Ratio Lower Upper
91 100
126 28.4 18.2 54.6

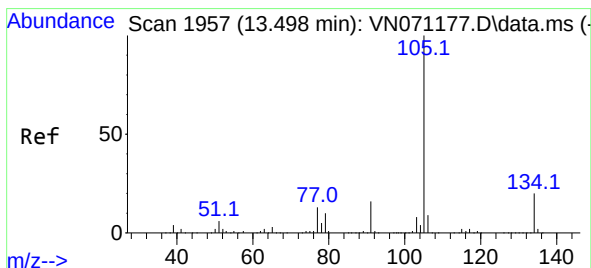
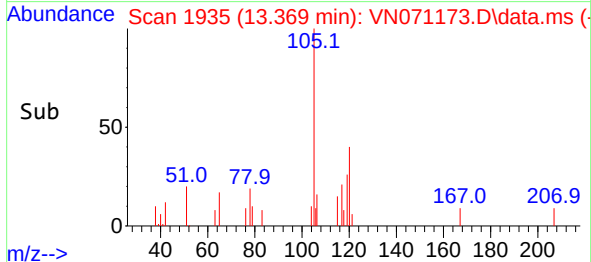
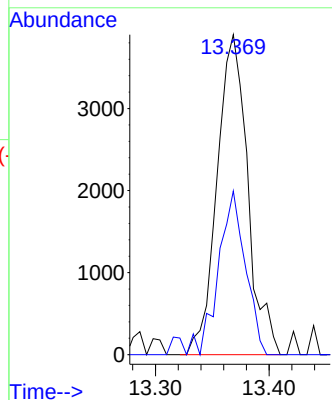
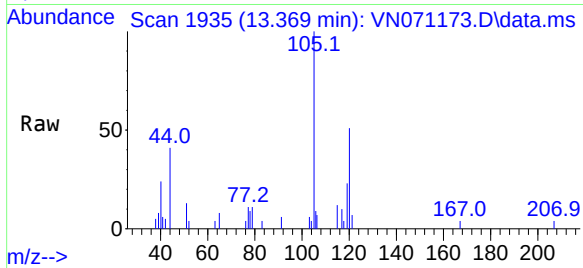




#84
1,2,4-Trimethylbenzene
Concen: 0.299 ug/l
RT: 13.369 min Scan# 1934
Delta R.T. 0.006 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

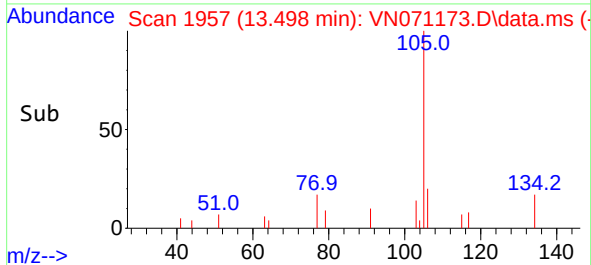
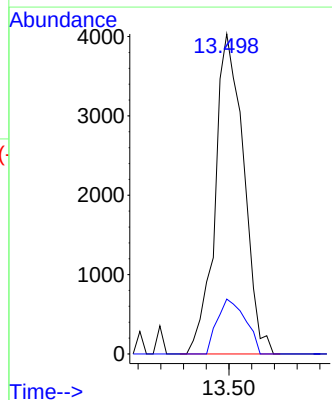
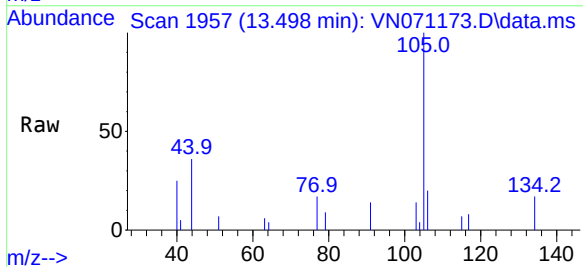
Instrument :
MSVOA_N
ClientSampleId :
IBLK

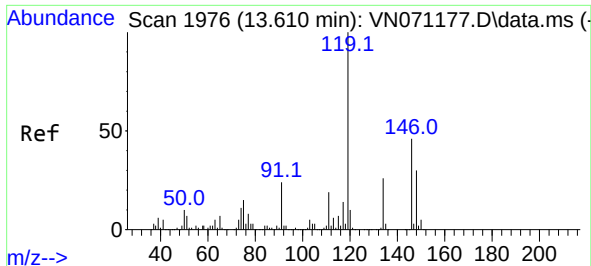
Tgt Ion:105 Resp: 7318
Ion Ratio Lower Upper
105 100
120 45.2 22.8 68.4



#85
sec-Butylbenzene
Concen: 0.232 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

Tgt Ion:105 Resp: 7041
Ion Ratio Lower Upper
105 100
134 16.9 10.4 31.1

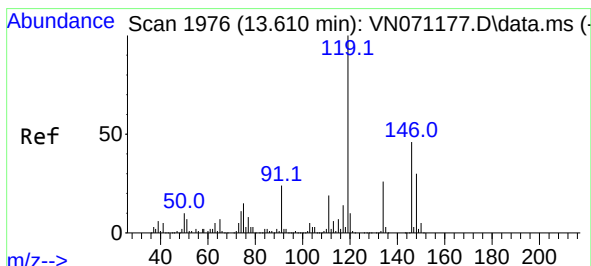
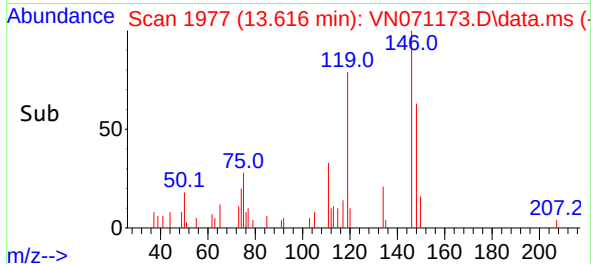
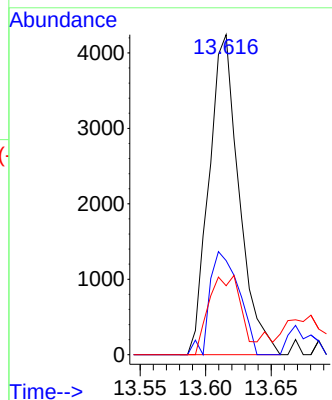
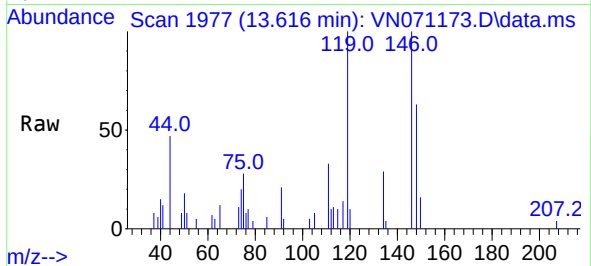




#86
p-Isopropyltoluene
Concen: 0.283 ug/l
RT: 13.616 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

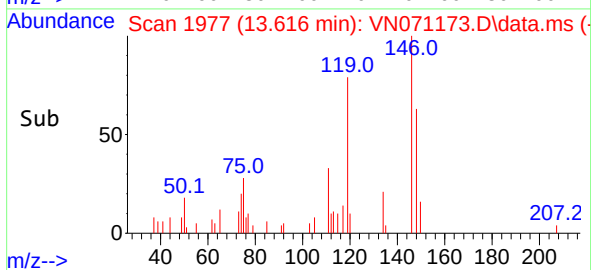
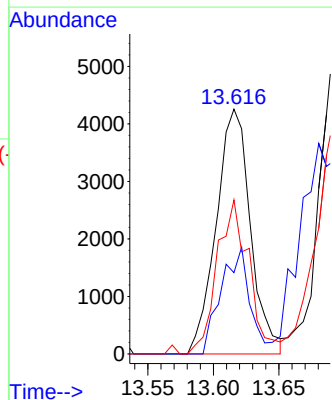
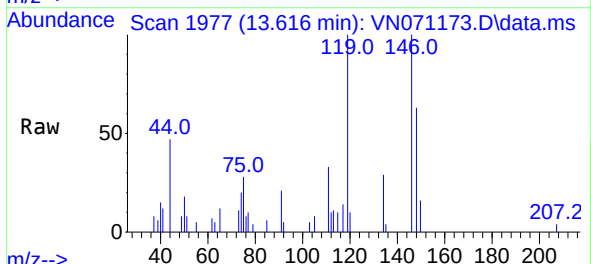
Instrument :
MSVOA_N
ClientSampleId :
IBLK

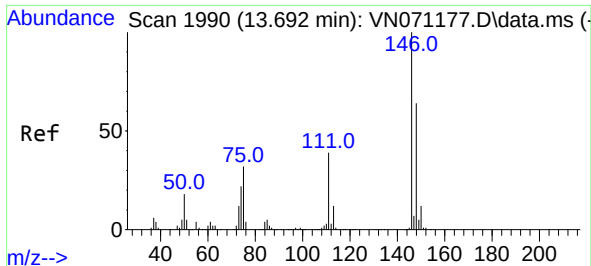
Tgt Ion:	119	Resp:	6762
Ion	Ratio	Lower	Upper
119	100		
134	31.5	13.6	40.7
91	26.8	11.4	34.1



#87
1,3-Dichlorobenzene
Concen: 0.622 ug/l
RT: 13.616 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

Tgt Ion:	146	Resp:	7747
Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.6	55.6
148	58.7	31.6	95.0

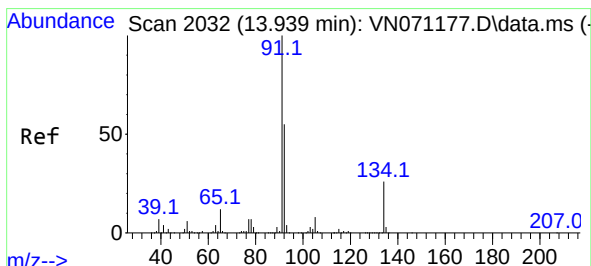
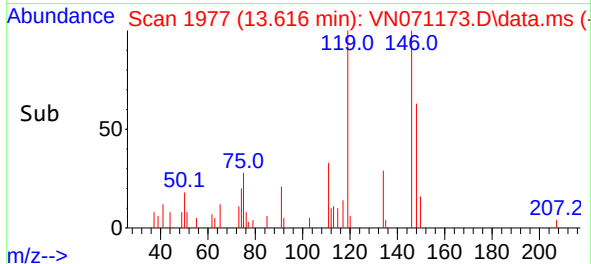
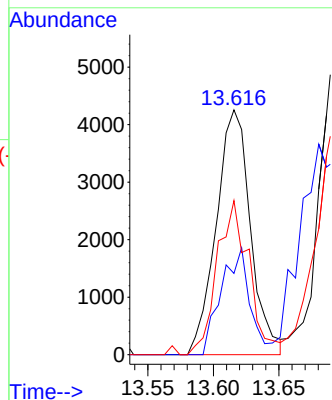
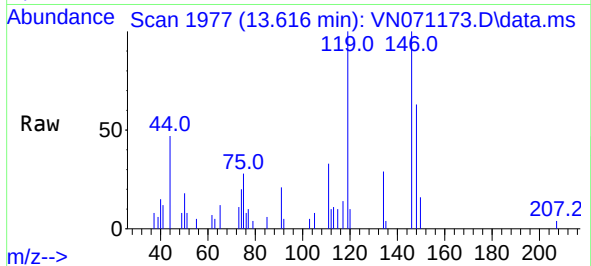




#88
1,4-Dichlorobenzene
Concen: 0.636 ug/l
RT: 13.616 min Scan# 1990
Delta R.T. -0.076 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

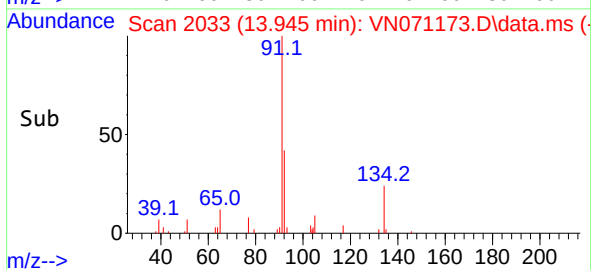
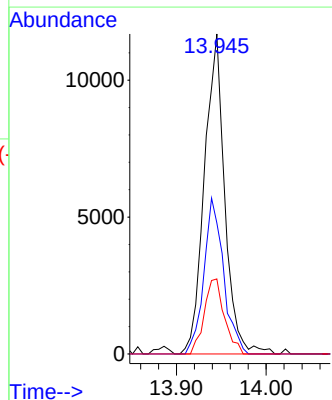
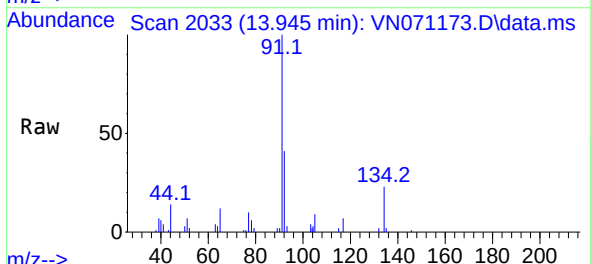
Instrument :
MSVOA_N
ClientSampleId :
IBLK

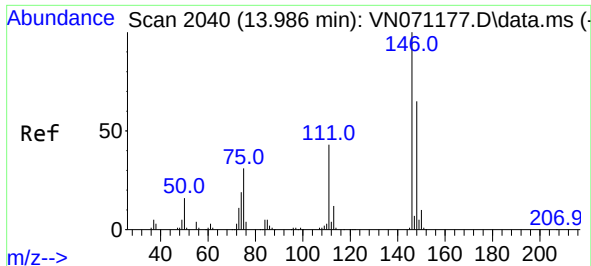
Tgt Ion:146 Resp: 7747
Ion Ratio Lower Upper
146 100
111 36.1 18.3 54.8
148 58.7 31.8 95.4



#89
n-Butylbenzene
Concen: 0.987 ug/l
RT: 13.945 min Scan# 2033
Delta R.T. 0.006 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

Tgt Ion: 91 Resp: 18424
Ion Ratio Lower Upper
91 100
92 47.1 25.4 76.0
134 23.2 13.6 40.8





#91

1,2-Dichlorobenzene

Concen: 0.739 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN071173.D

Acq: 07 Mar 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

IBLK

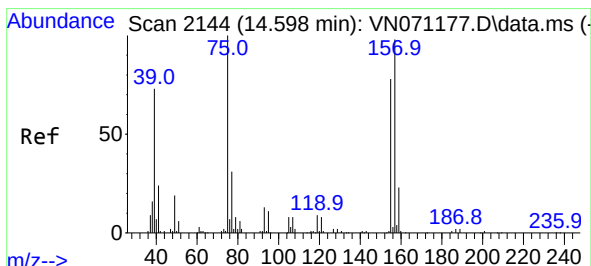
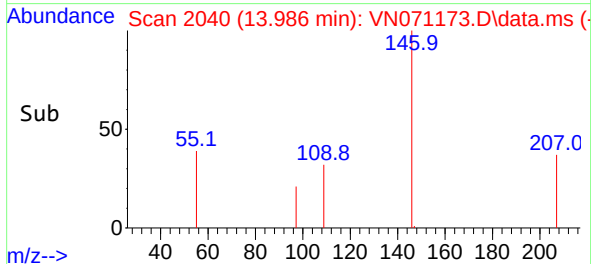
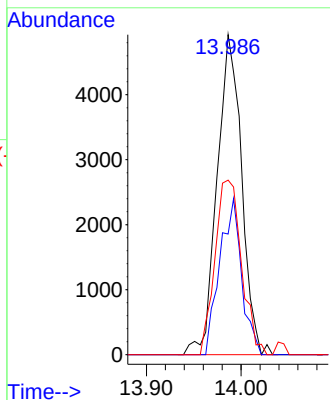
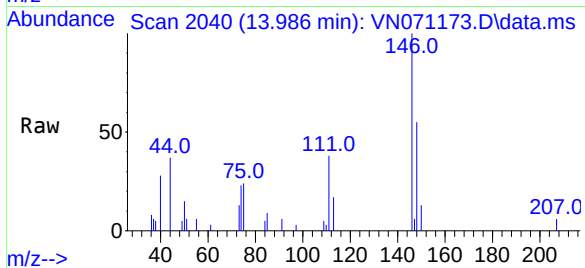
Tgt Ion:146 Resp: 8855

Ion Ratio Lower Upper

146 100

111 43.4 19.1 57.3

148 59.0 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.060 ug/l

RT: 14.604 min Scan# 2145

Delta R.T. 0.006 min

Lab File: VN071173.D

Acq: 07 Mar 2022 13:41

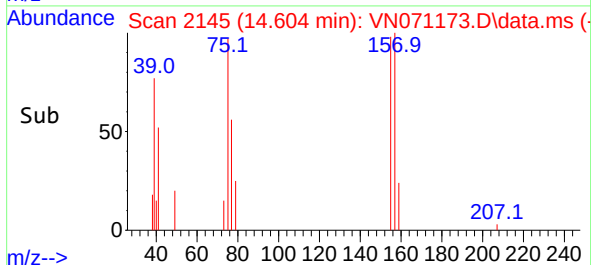
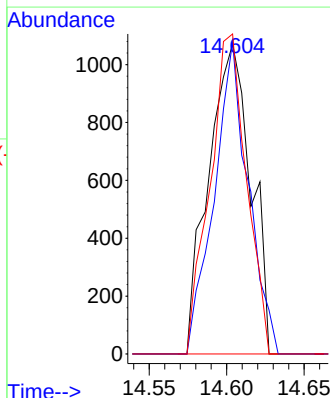
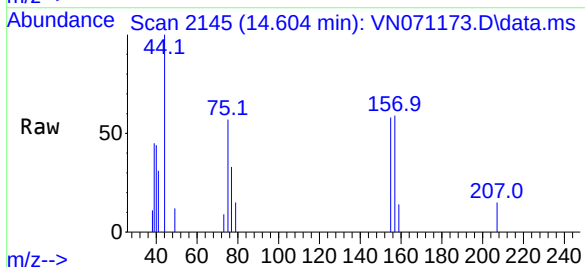
Tgt Ion: 75 Resp: 2029

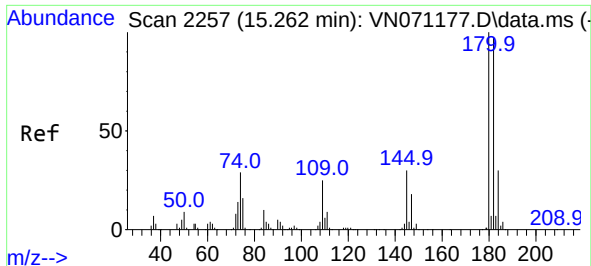
Ion Ratio Lower Upper

75 100

155 81.3 46.9 140.7

157 89.3 60.6 181.7

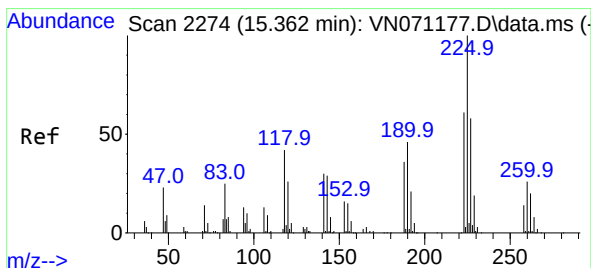
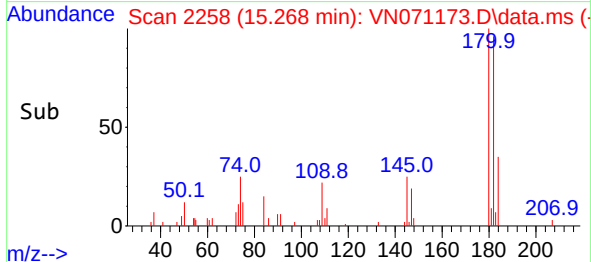
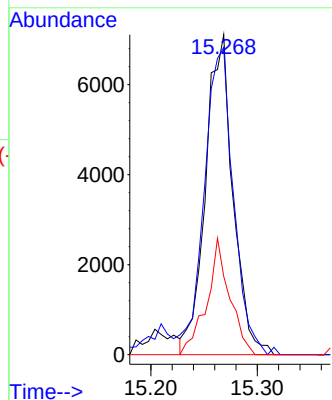
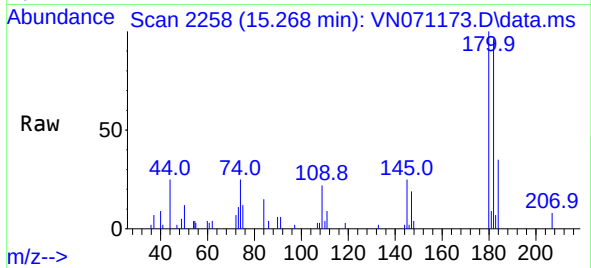




#93
 1,2,4-Trichlorobenzene
 Concen: 5.134 ug/l
 RT: 15.268 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN071173.D
 Acq: 07 Mar 2022 13:41

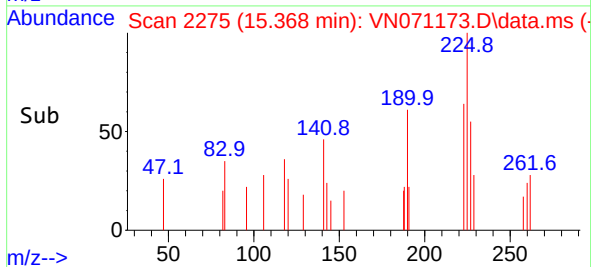
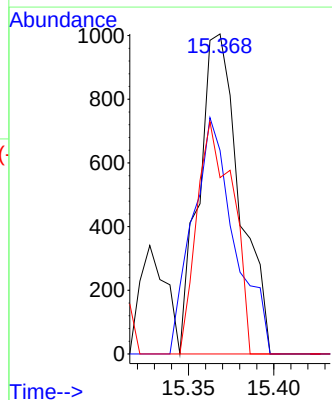
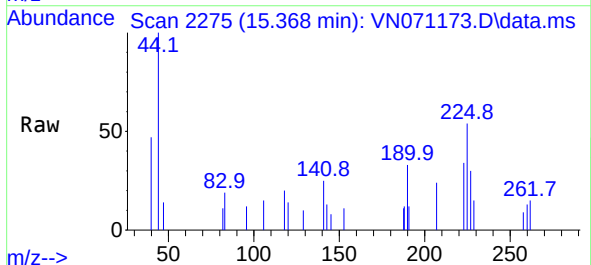
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

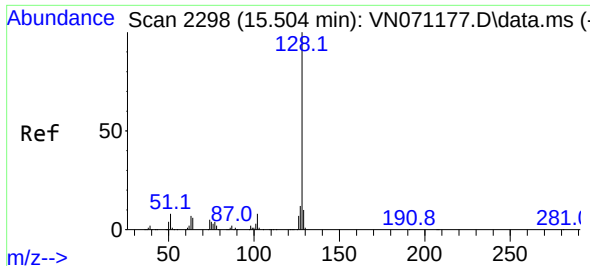
Tgt Ion:180 Resp: 12753
 Ion Ratio Lower Upper
 180 100
 182 102.9 48.3 144.9
 145 30.3 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 0.496 ug/l
 RT: 15.368 min Scan# 2275
 Delta R.T. 0.006 min
 Lab File: VN071173.D
 Acq: 07 Mar 2022 13:41

Tgt Ion:225 Resp: 1670
 Ion Ratio Lower Upper
 225 100
 223 75.7 31.9 95.7
 227 64.0 32.1 96.3

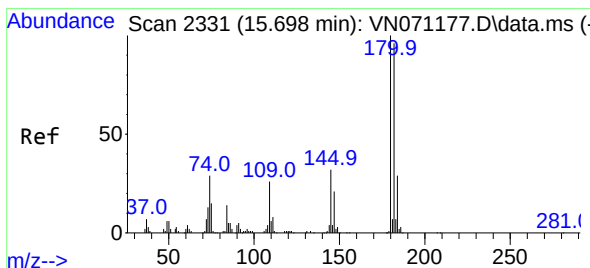
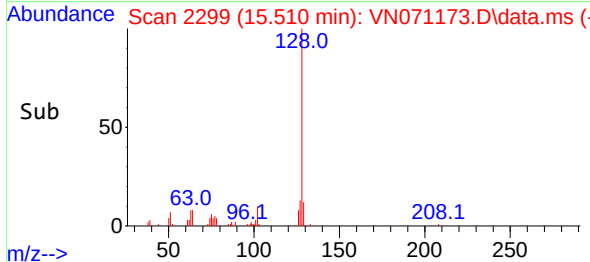
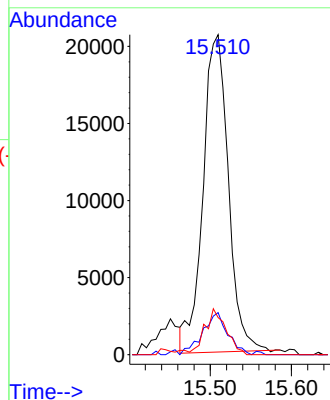
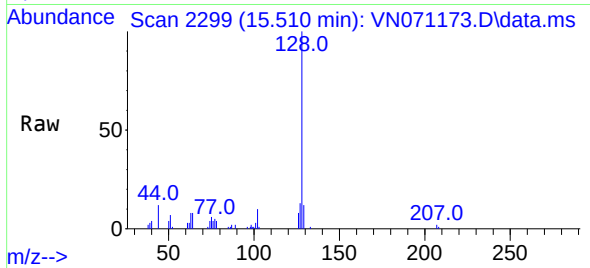




#95
Naphthalene
Concen: 7.635 ug/l
RT: 15.510 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 44688
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 12.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 5.476 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071173.D
Acq: 07 Mar 2022 13:41

Tgt Ion:180 Resp: 15551
Ion Ratio Lower Upper
180 100
182 93.9 47.4 142.2
145 31.2 15.0 45.1

