

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073892.D
 Acq On : 15 Aug 2022 12:28
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 15 23:56:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 23:50:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	632321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	895513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	818908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	419637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	286544	46.526	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.060%
35) Dibromofluoromethane	7.951	113	282053	53.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.520%
50) Toluene-d8	10.381	98	918532	44.783	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.560%
62) 4-Bromofluorobenzene	12.669	95	361415	53.093	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.180%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1711	0.307	ug/l #	81
5) Bromomethane	2.840	94	3511	0.786	ug/l #	68
10) Methyl Iodide	4.363	142	1658	0.257	ug/l #	81
13) Acrolein	3.981	56	996	1.033	ug/l	100
15) Acrylonitrile	5.469	53	1140	0.339	ug/l #	33
16) Acetone	4.240	43	3644	1.254	ug/l	97
17) Carbon Disulfide	4.457	76	7310	0.616	ug/l #	88
18) Methyl Acetate	4.787	43	6308	Below Cal	#	68
20) Methylene Chloride	5.034	84	2777	0.453	ug/l #	76
21) trans-1,2-Dichloroethene	5.528	96	1693	0.308	ug/l #	79
23) Vinyl Acetate	6.357	43	2838	0.211	ug/l #	68
25) 2-Butanone	7.275	43	2904	0.630	ug/l	97
29) Tetrahydrofuran	7.610	42	635	0.215	ug/l #	29
31) Cyclohexane	8.016	56	10227	1.191	ug/l #	1
36) 1,1-Dichloropropene	8.157	75	1749	0.238	ug/l	93
38) Carbon Tetrachloride	8.016	117	54231	6.450	ug/l #	17
43) Isopropyl Acetate	8.563	43	8131	0.640	ug/l #	53
44) Trichloroethene	9.163	130	1831	0.273	ug/l	97
49) 1,4-Dioxane	9.510	88	163	1.009	ug/l #	1
51) 4-Methyl-2-Pentanone	10.281	43	2986	0.348	ug/l #	75
52) Toluene	10.439	92	5397	0.339	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.986	63	706	Below Cal	#	61
59) 2-Hexanone	11.028	43	4521	0.684	ug/l	81
64) Tetrachloroethene	10.910	164	1808	0.280	ug/l #	85
65) Chlorobenzene	11.710	112	4004	0.230	ug/l	100
68) m/p-Xylenes	11.892	106	4609	0.392	ug/l	86
76) 1,2,3-Trichloropropane	12.669	75	180221	20.218	ug/l #	1
77) Bromobenzene	12.798	156	2076	0.251	ug/l	82
78) n-propylbenzene	12.857	91	7054	0.217	ug/l	94
79) 2-Chlorotoluene	12.951	91	4100	0.202	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.669	75	180221	58.768	ug/l #	10
82) 4-Chlorotoluene	13.045	91	5514	0.286	ug/l	92
87) 1,3-Dichlorobenzene	13.557	146	5680	0.396	ug/l	96
88) 1,4-Dichlorobenzene	13.557	146	5680	0.391	ug/l	98
89) n-Butylbenzene	13.880	91	5485	0.274	ug/l	95
91) 1,2-Dichlorobenzene	13.921	146	4759	0.321	ug/l	94

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Quant Title : SW846 8260
QLast Update : Mon Aug 15 23:50:46 2022
Response via : Initial Calibration

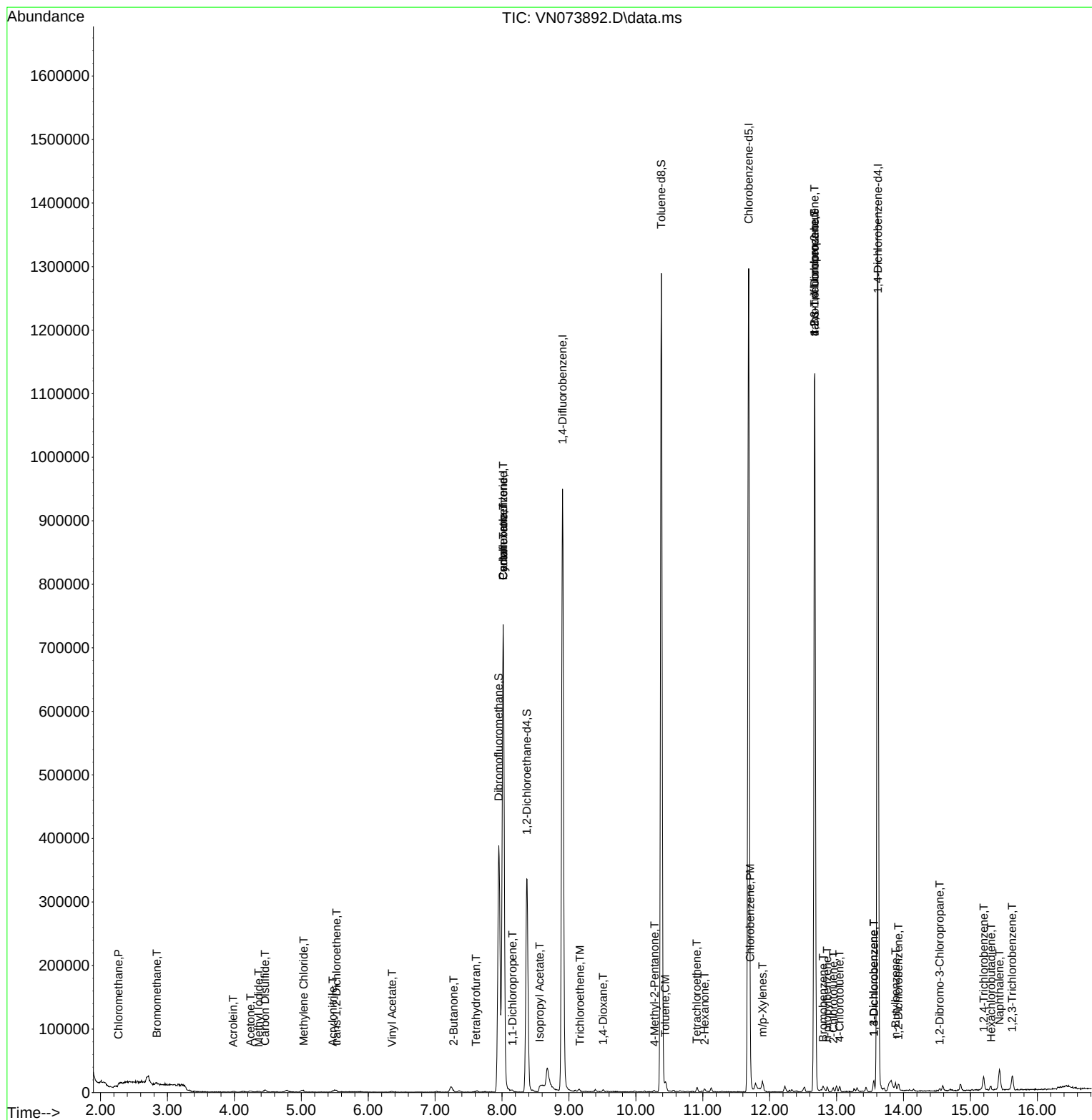
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.539	75	1133	0.468	ug/l	91
93) 1,2,4-Trichlorobenzene	15.198	180	9160	1.016	ug/l	96
94) Hexachlorobutadiene	15.310	225	1549	0.326	ug/l	91
95) Naphthalene	15.433	128	36001	1.225	ug/l	98
96) 1,2,3-Trichlorobenzene	15.621	180	10258	1.101	ug/l	97

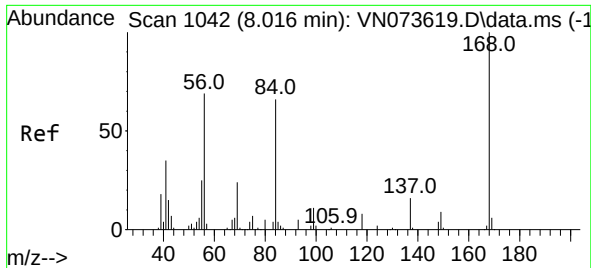
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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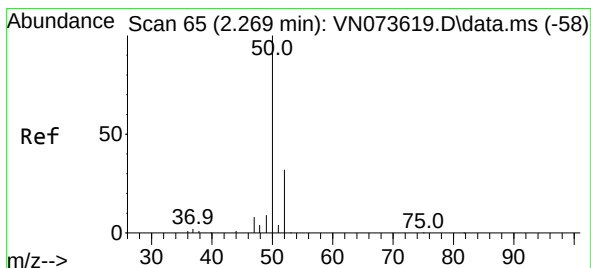
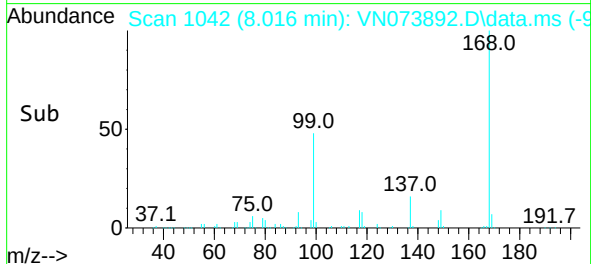
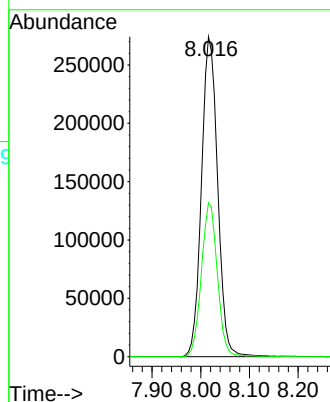
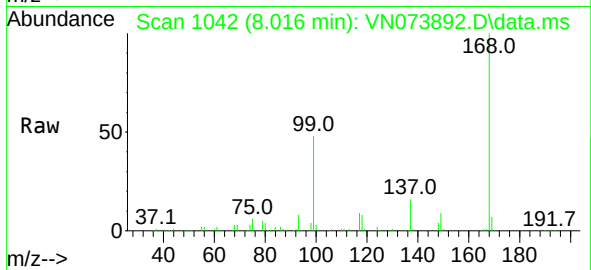




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

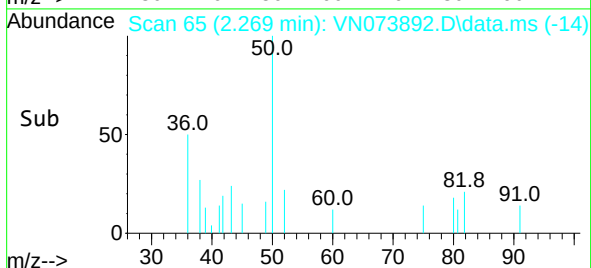
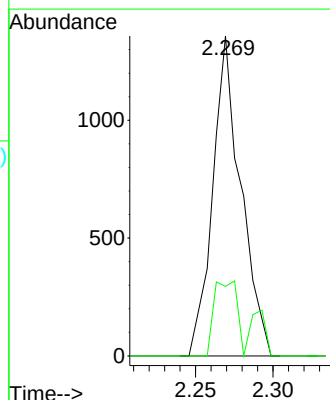
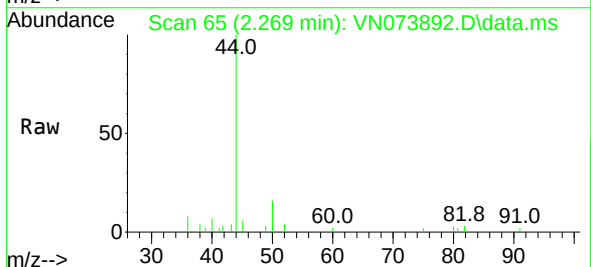
Instrument :
MSVOA_N
ClientSampleId :
IBLK

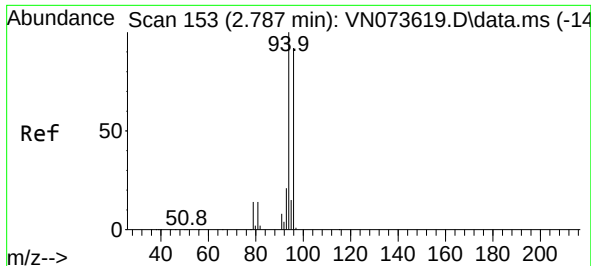
Tgt Ion:168 Resp: 632321
Ion Ratio Lower Upper
168 100
99 48.1 42.3 63.5



#3
Chloromethane
Concen: 0.307 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

Tgt Ion: 50 Resp: 1711
Ion Ratio Lower Upper
50 100
52 21.7 25.7 38.5#

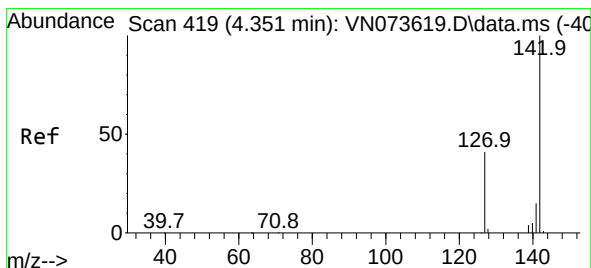
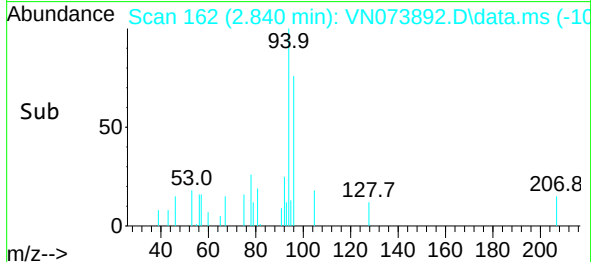
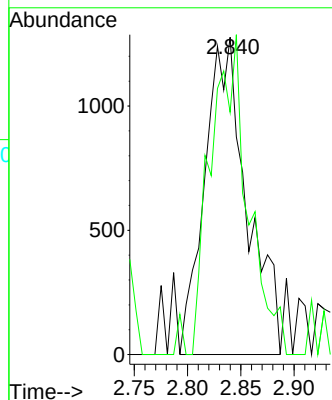
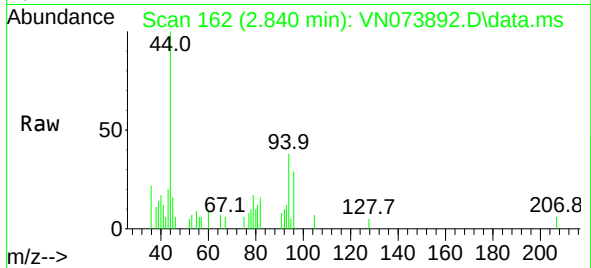




#5
Bromomethane
Concen: 0.786 ug/l
RT: 2.840 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

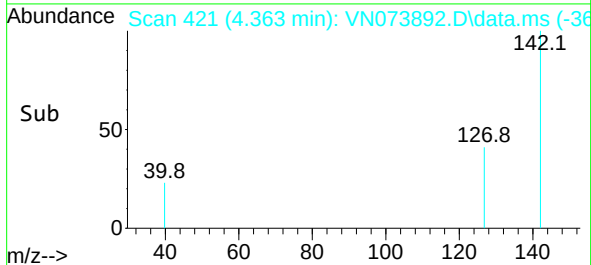
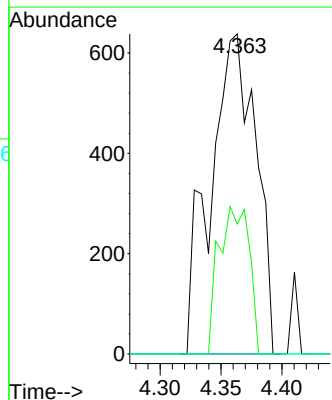
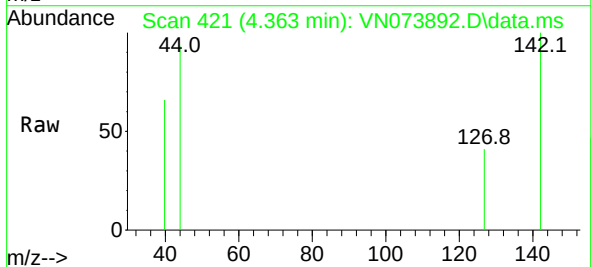
Instrument :
MSVOA_N
ClientSampleId :
IBLK

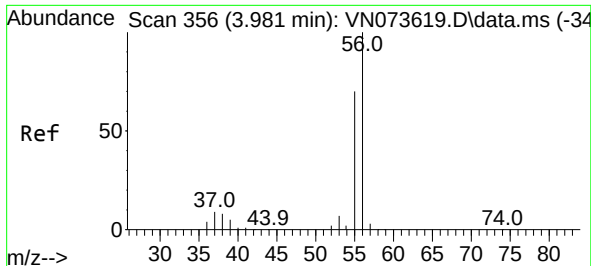
Tgt Ion: 94 Resp: 3511
Ion Ratio Lower Upper
94 100
96 63.7 76.0 114.0#



#10
Methyl Iodide
Concen: 0.257 ug/l
RT: 4.363 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

Tgt Ion: 142 Resp: 1658
Ion Ratio Lower Upper
142 100
127 30.8 31.3 46.9#
141 0.0 11.2 16.8#





#13

Acrolein

Concen: 1.033 ug/l

RT: 3.981 min Scan# 3

Delta R.T. -0.000 min

Lab File: VN073892.D

Acq: 15 Aug 2022 12:28

Instrument :

MSVOA_N

ClientSampleId :

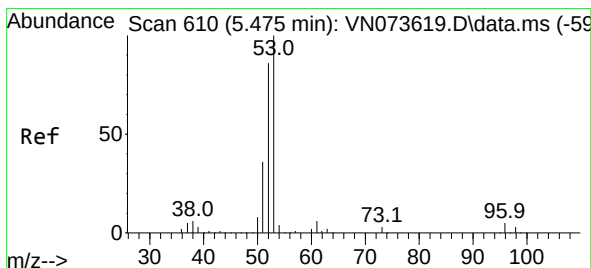
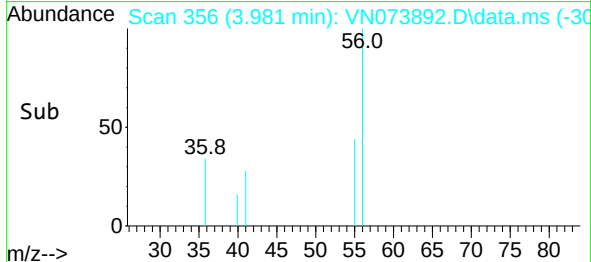
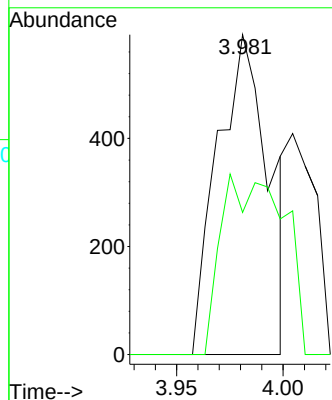
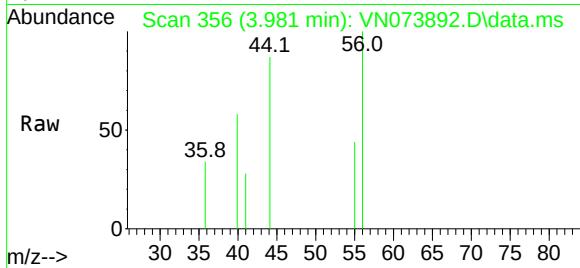
IBLK

Tgt Ion: 56 Resp: 996

Ion Ratio Lower Upper

56 100

55 68.7 54.8 82.2



#15

Acrylonitrile

Concen: 0.339 ug/l

RT: 5.469 min Scan# 609

Delta R.T. -0.006 min

Lab File: VN073892.D

Acq: 15 Aug 2022 12:28

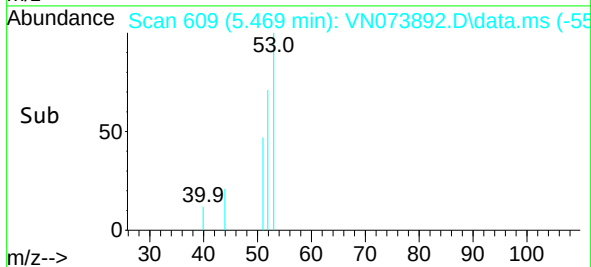
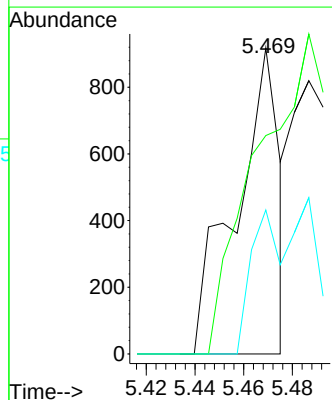
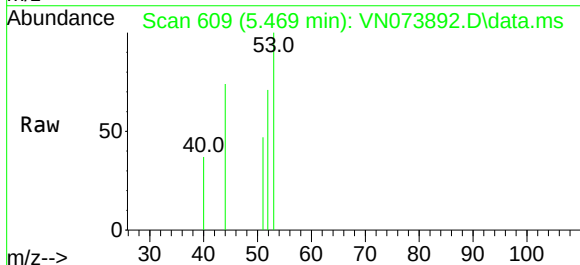
Tgt Ion: 53 Resp: 1140

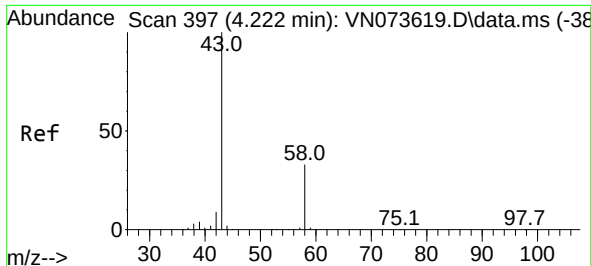
Ion Ratio Lower Upper

53 100

52 0.0 66.4 99.6#

51 31.3 28.5 42.7





#16

Acetone

Concen: 1.254 ug/l

RT: 4.240 min Scan# 40

Delta R.T. 0.018 min

Lab File: VN073892.D

Acq: 15 Aug 2022 12:28

Instrument :

MSVOA_N

ClientSampleId :

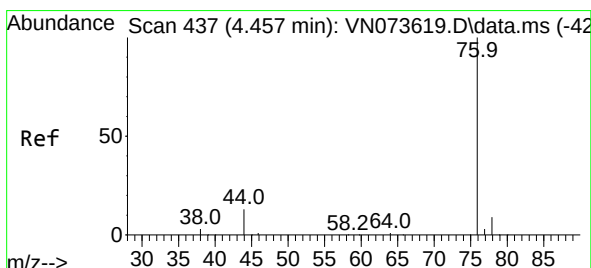
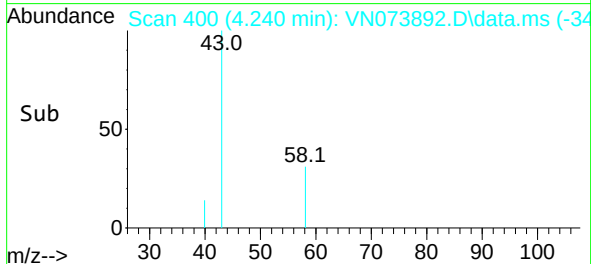
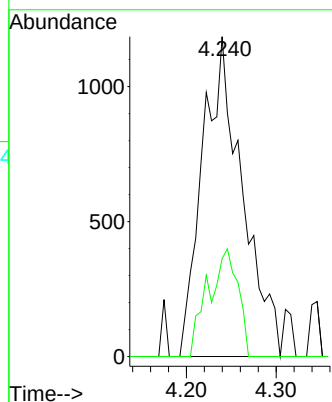
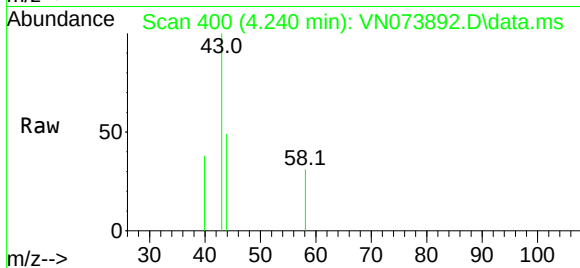
IBLK

Tgt Ion: 43 Resp: 3644

Ion Ratio Lower Upper

43 100

58 30.6 26.0 39.0



#17

Carbon Disulfide

Concen: 0.616 ug/l

RT: 4.457 min Scan# 437

Delta R.T. 0.000 min

Lab File: VN073892.D

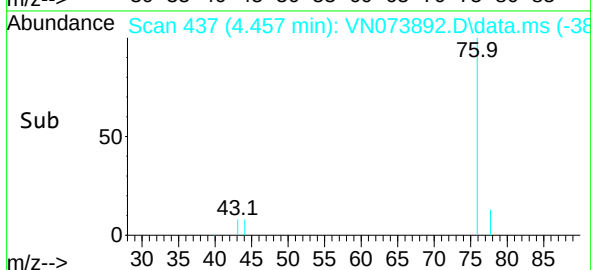
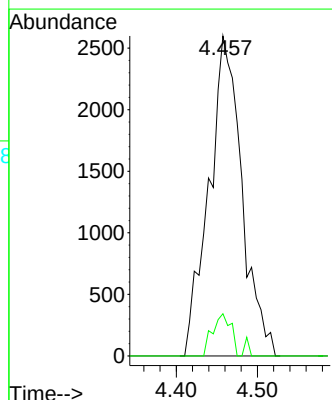
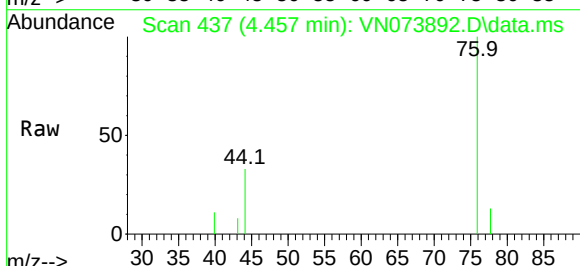
Acq: 15 Aug 2022 12:28

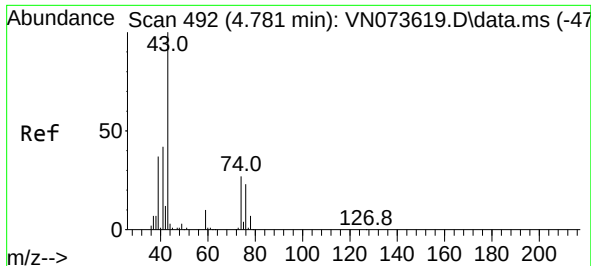
Tgt Ion: 76 Resp: 7310

Ion Ratio Lower Upper

76 100

78 13.2 7.2 10.8#

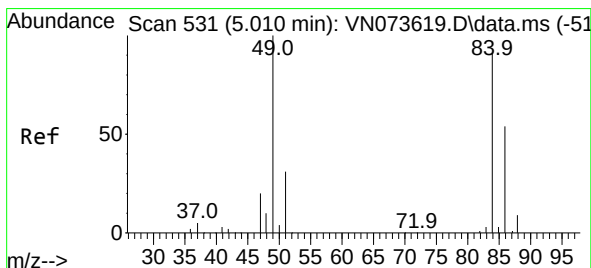
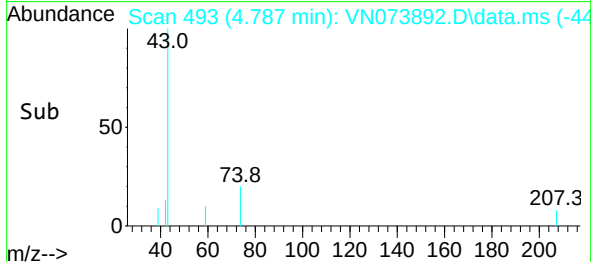
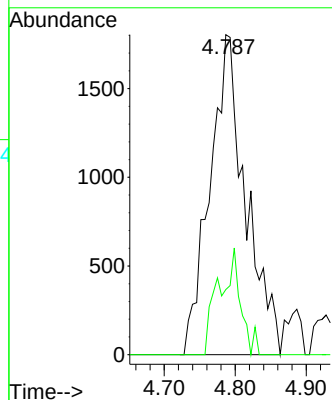
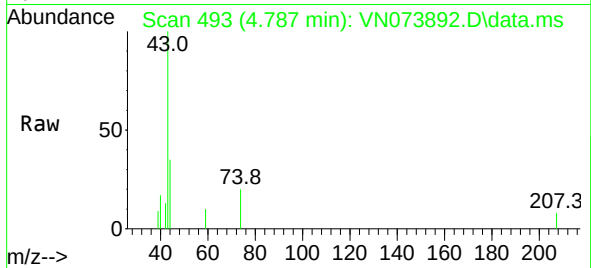




#18
Methyl Acetate
Concen: Below Cal
RT: 4.787 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

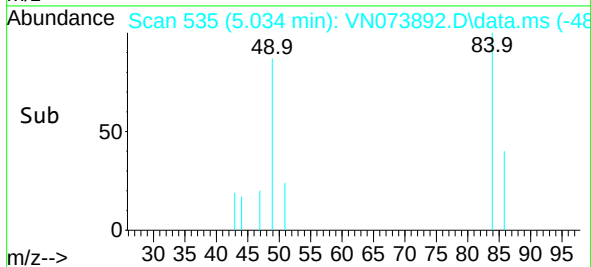
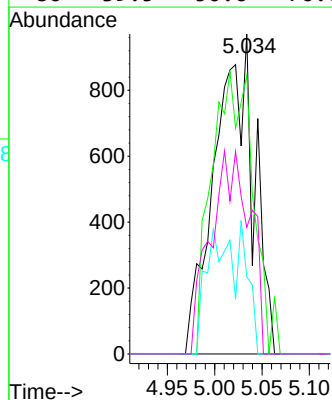
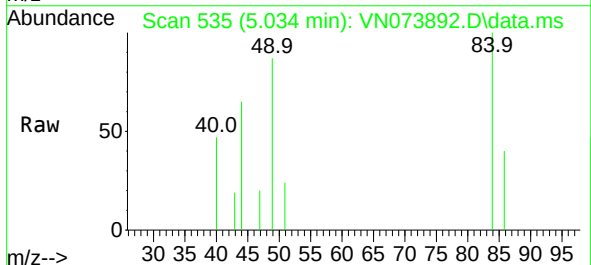
Instrument :
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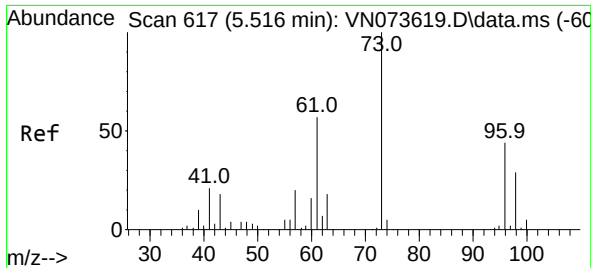
Tgt Ion: 43 Resp: 6308
Ion Ratio Lower Upper
43 100
74 10.4 21.6 32.4#



#20
Methylene Chloride
Concen: 0.453 ug/l
RT: 5.034 min Scan# 535
Delta R.T. 0.024 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

Tgt Ion: 84 Resp: 2777
Ion Ratio Lower Upper
84 100
49 87.0 88.3 132.5#
51 24.1 28.2 42.2#
86 39.5 50.6 76.0#

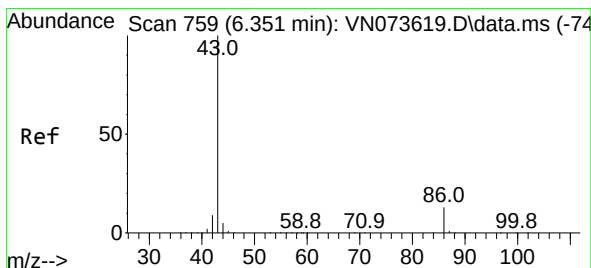
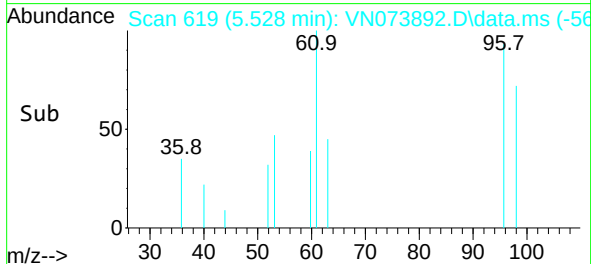
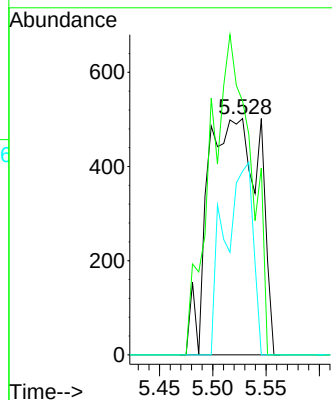
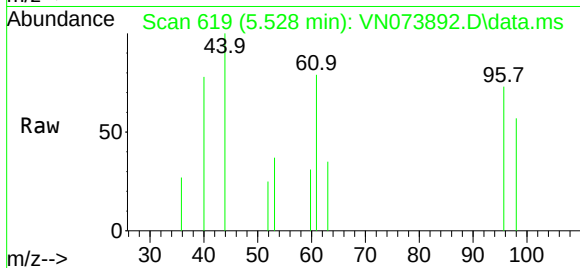




#21
trans-1,2-Dichloroethene
Concen: 0.308 ug/l
RT: 5.528 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

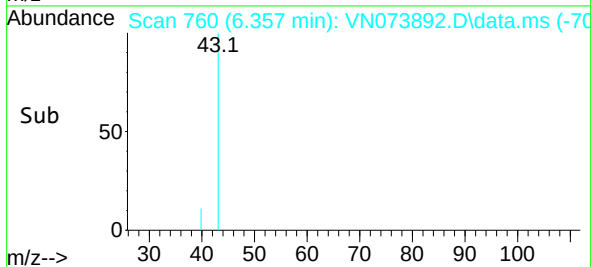
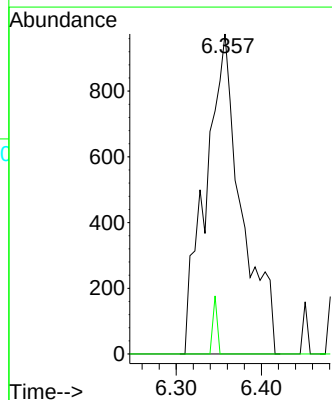
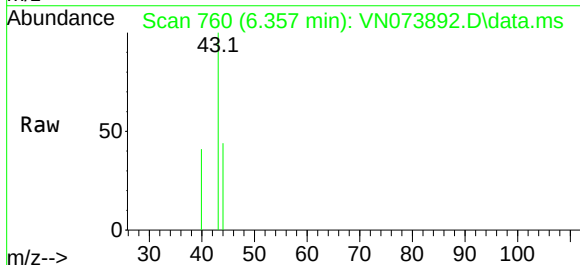
Instrument :
MSVOA_N
ClientSampleId :
IBLK

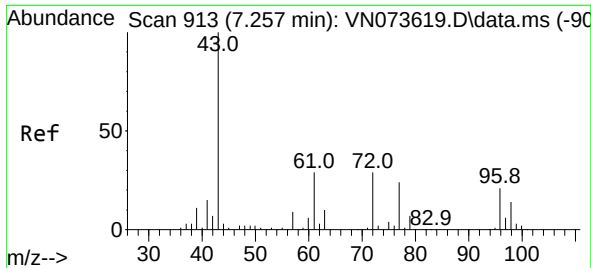
Tgt Ion: 96 Resp: 1693
Ion Ratio Lower Upper
96 100
61 107.4 105.8 158.8
98 77.7 50.3 75.5#



#23
Vinyl Acetate
Concen: 0.211 ug/l
RT: 6.357 min Scan# 760
Delta R.T. 0.006 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

Tgt Ion: 43 Resp: 2838
Ion Ratio Lower Upper
43 100
86 0.0 10.0 15.0#

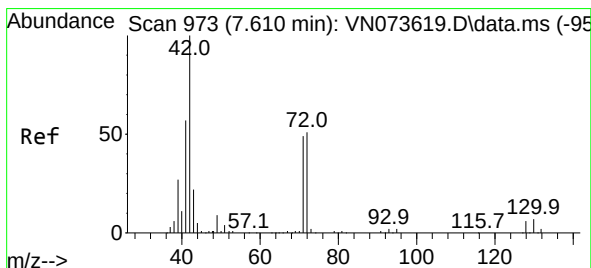
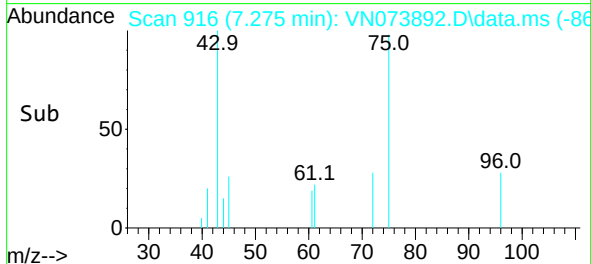
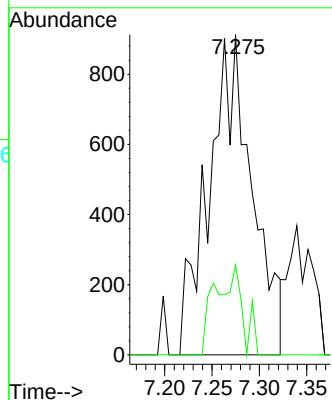
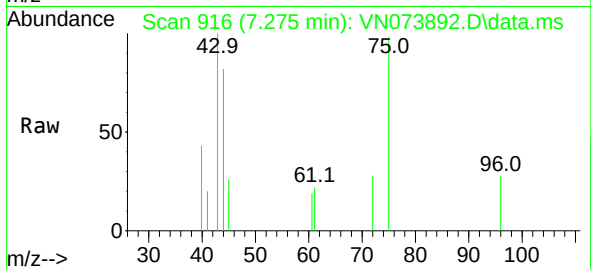




#25
2-Butanone
Concen: 0.630 ug/l
RT: 7.275 min Scan# 913
Delta R.T. 0.018 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

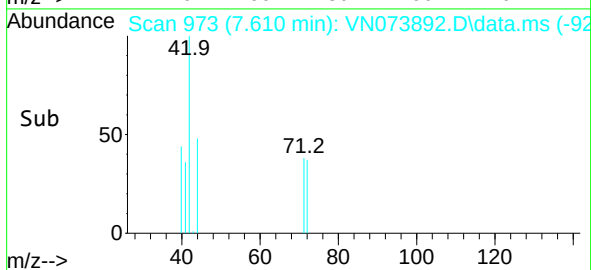
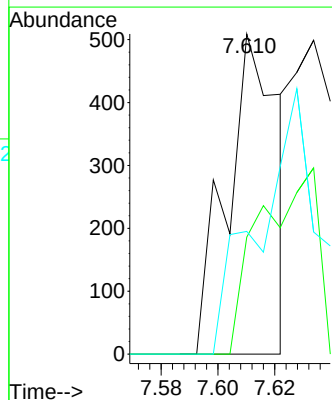
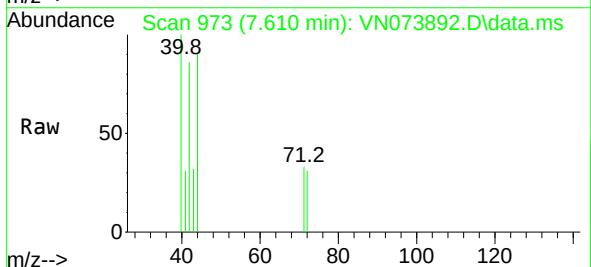
Instrument :
MSVOA_N
ClientSampleId :
IBLK

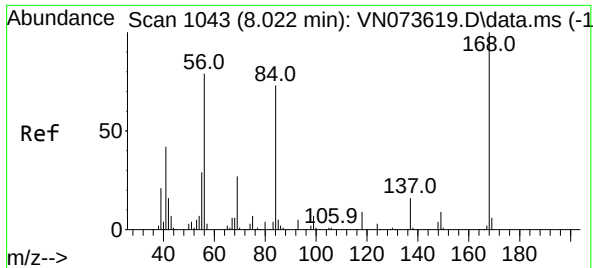
Tgt Ion: 43 Resp: 2904
Ion Ratio Lower Upper
43 100
72 28.0 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.215 ug/l
RT: 7.610 min Scan# 973
Delta R.T. 0.000 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

Tgt Ion: 42 Resp: 635
Ion Ratio Lower Upper
42 100
72 0.0 39.7 59.5#
71 0.0 36.6 55.0#

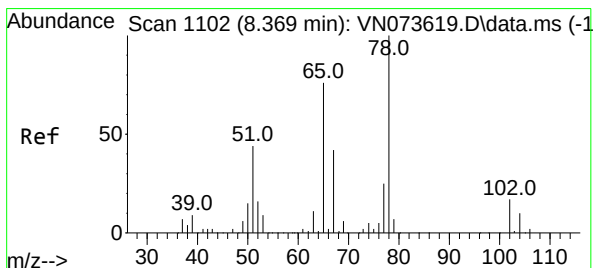
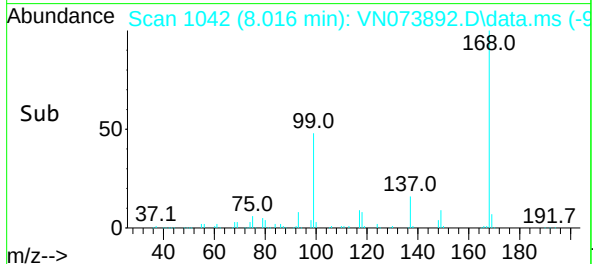
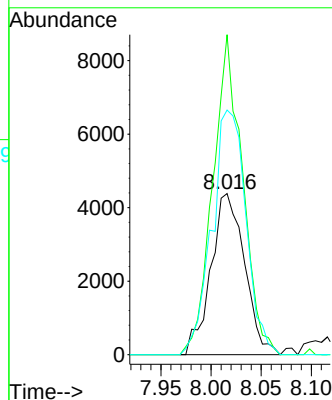
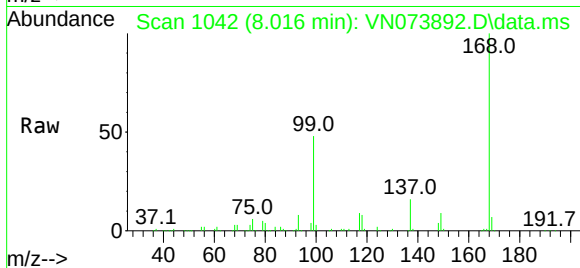




#31
Cyclohexane
Concen: 1.191 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

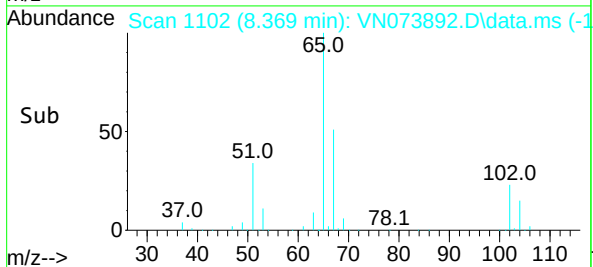
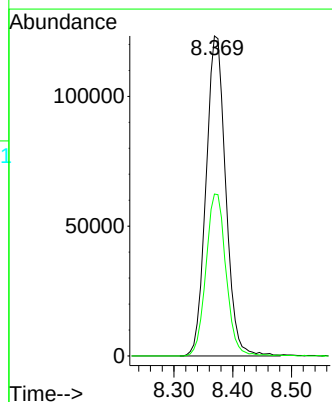
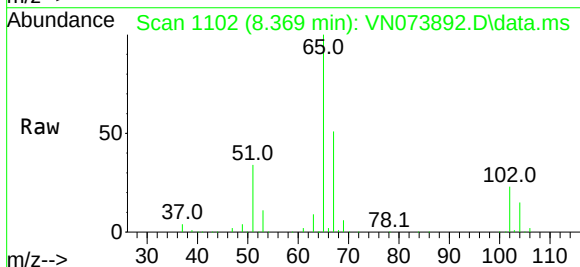
Instrument :
MSVOA_N
ClientSampleId :
IBLK

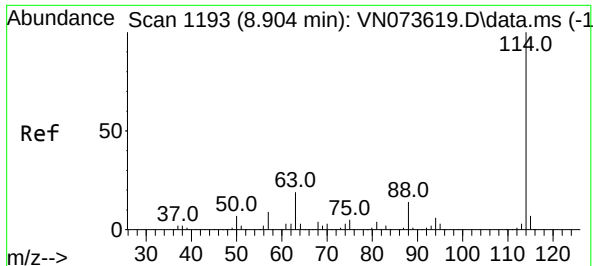
Tgt Ion: 56 Resp: 10227
Ion Ratio Lower Upper
56 100
69 198.7 27.8 41.8#
84 151.9 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 46.526 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

Tgt Ion: 65 Resp: 286544
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073892.D

Acq: 15 Aug 2022 12:28

Instrument :

MSVOA_N

ClientSampleId :

IBLK

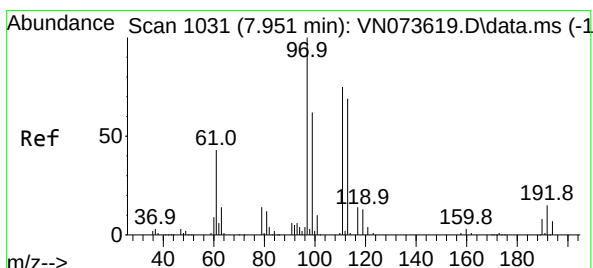
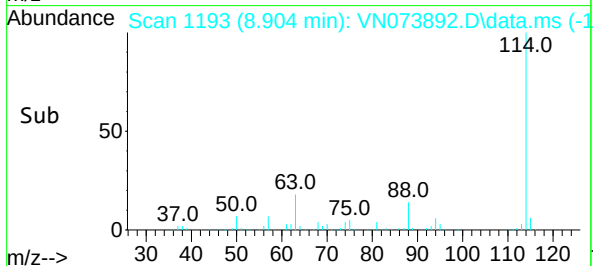
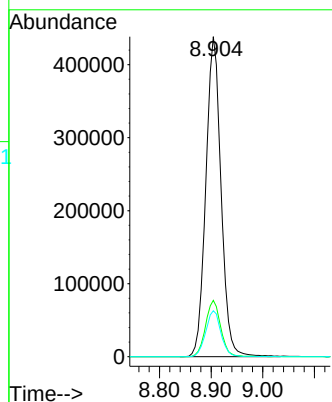
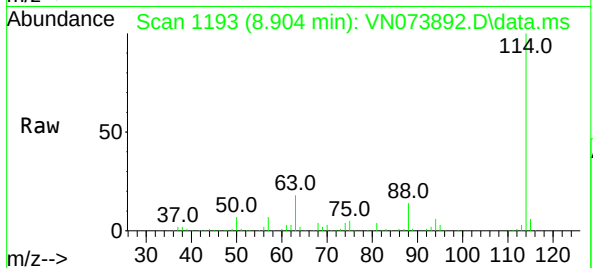
Tgt Ion:114 Resp: 895513

Ion Ratio Lower Upper

114 100

63 17.6 0.0 40.0

88 14.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.258 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073892.D

Acq: 15 Aug 2022 12:28

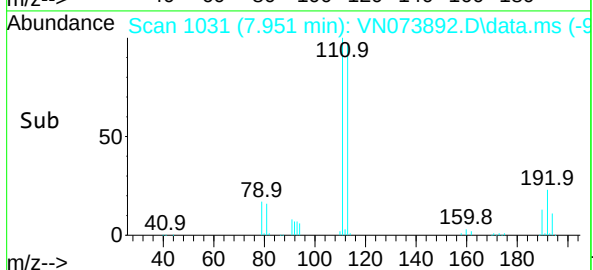
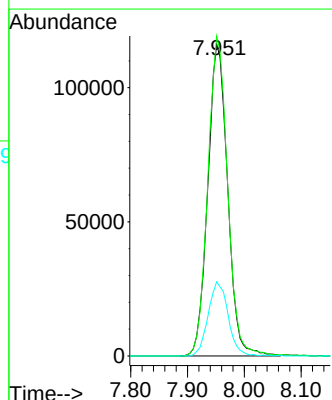
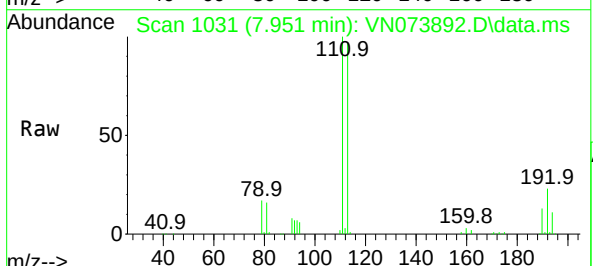
Tgt Ion:113 Resp: 282053

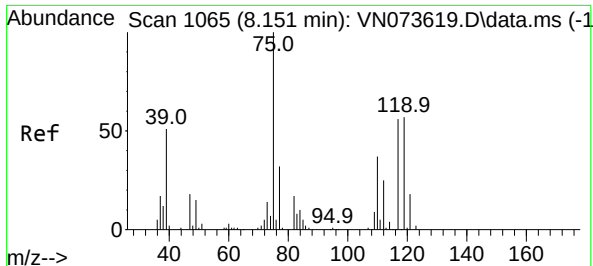
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 23.8 17.0 25.6





#36

1,1-Dichloropropene

Concen: 0.238 ug/l

RT: 8.157 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN073892.D

Acq: 15 Aug 2022 12:28

Instrument :

MSVOA_N

ClientSampleId :

IBLK

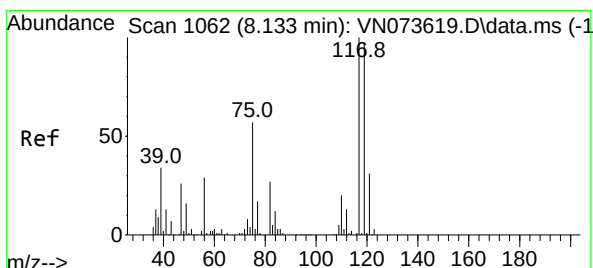
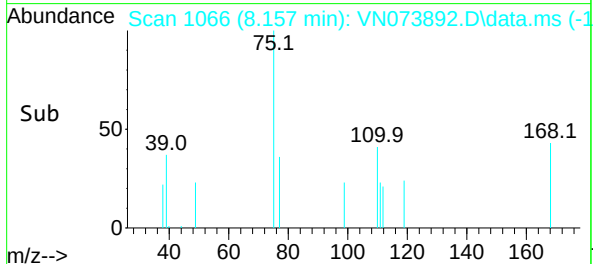
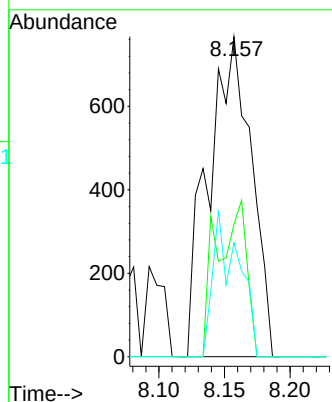
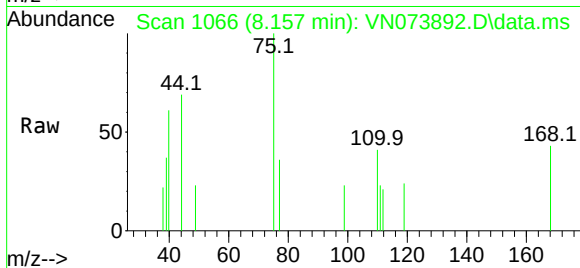
Tgt Ion: 75 Resp: 1749

Ion Ratio Lower Upper

75 100

110 33.4 18.3 54.8

77 26.9 25.1 37.7



#38

Carbon Tetrachloride

Concen: 6.450 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.117 min

Lab File: VN073892.D

Acq: 15 Aug 2022 12:28

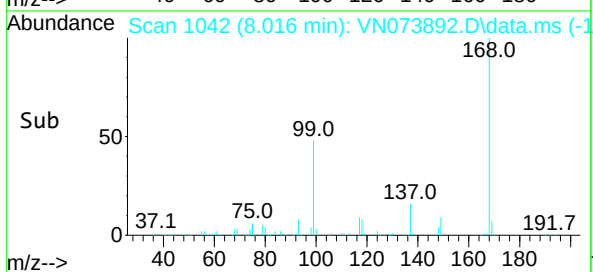
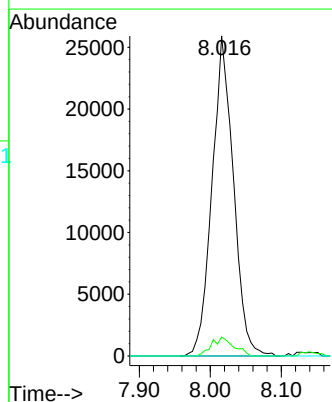
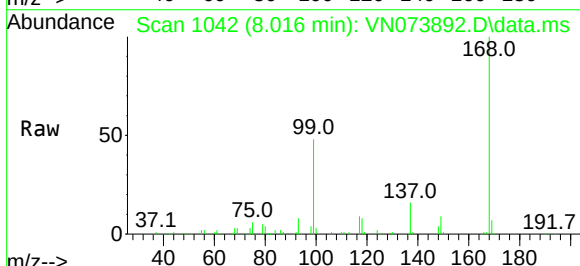
Tgt Ion: 117 Resp: 54231

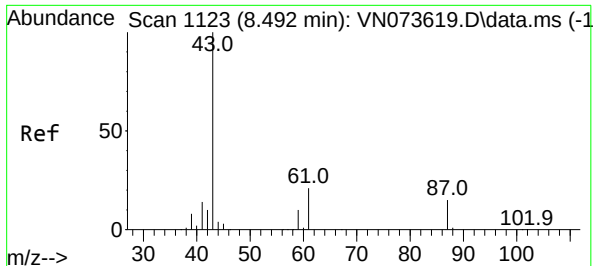
Ion Ratio Lower Upper

117 100

119 5.9 75.8 113.8#

121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.640 ug/l

RT: 8.563 min Scan# 1123

Delta R.T. 0.071 min

Lab File: VN073892.D

Acq: 15 Aug 2022 12:28

Instrument :

MSVOA_N

ClientSampleId :

IBLK

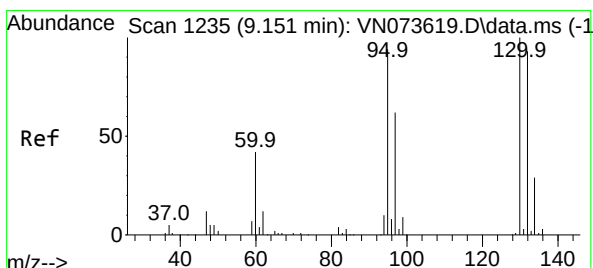
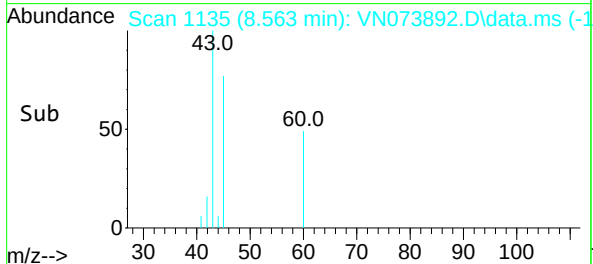
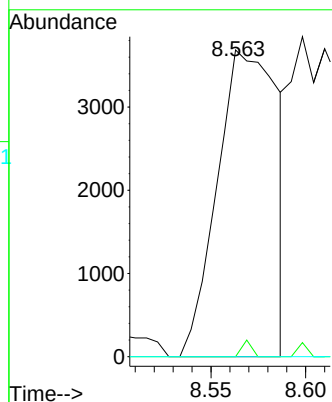
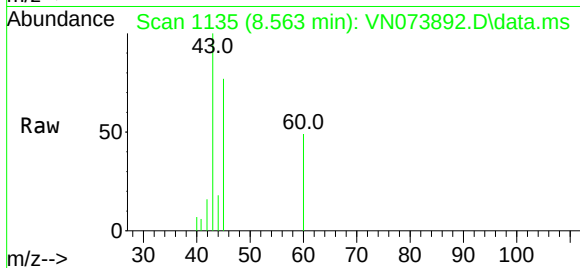
Tgt Ion: 43 Resp: 8131

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#44

Trichloroethene

Concen: 0.273 ug/l

RT: 9.163 min Scan# 1237

Delta R.T. 0.012 min

Lab File: VN073892.D

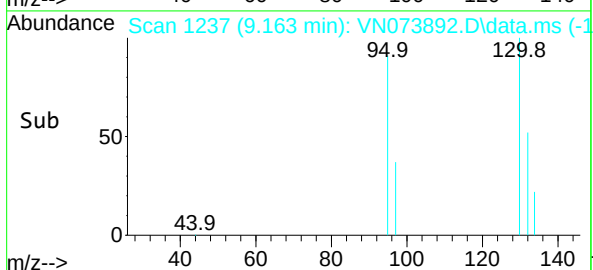
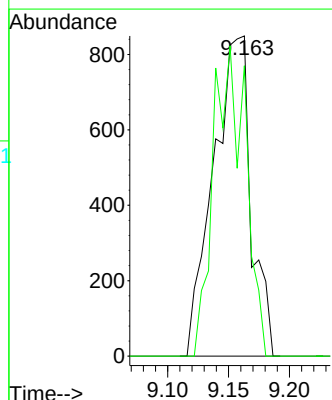
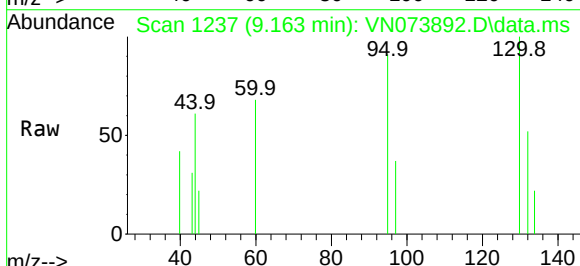
Acq: 15 Aug 2022 12:28

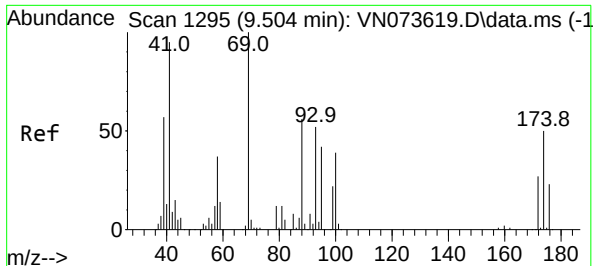
Tgt Ion: 130 Resp: 1831

Ion Ratio Lower Upper

130 100

95 90.7 0.0 186.8





#49

1,4-Dioxane

Concen: 1.009 ug/l

RT: 9.510 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VN073892.D

Acq: 15 Aug 2022 12:28

Instrument :

MSVOA_N

ClientSampleId :

IBLK

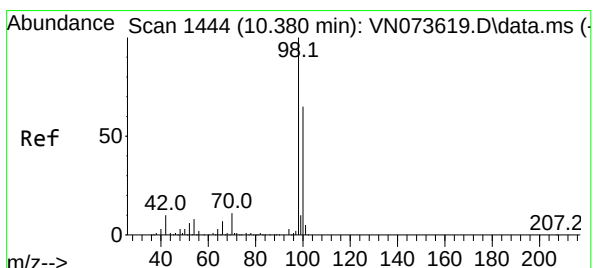
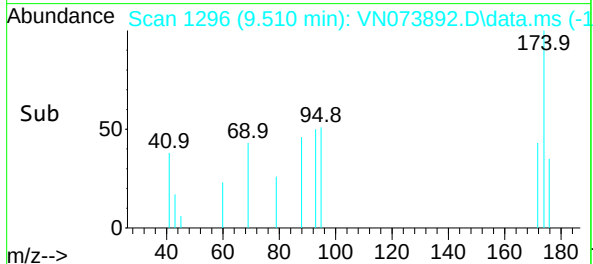
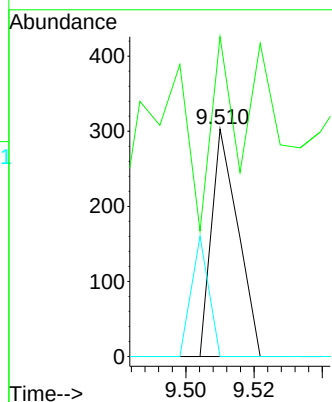
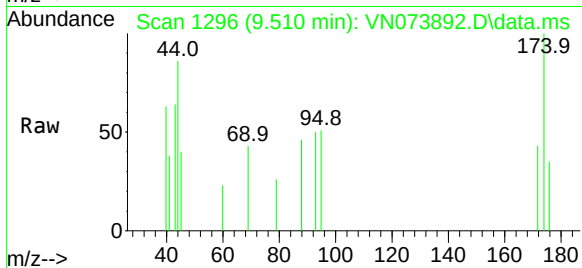
Tgt Ion: 88 Resp: 163

Ion Ratio Lower Upper

88 100

43 182.2 20.2 30.4#

58 34.4 54.2 81.4#



#50

Toluene-d8

Concen: 44.783 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073892.D

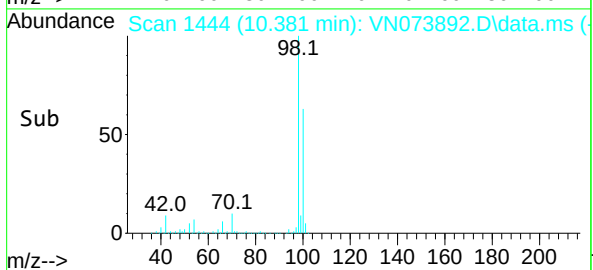
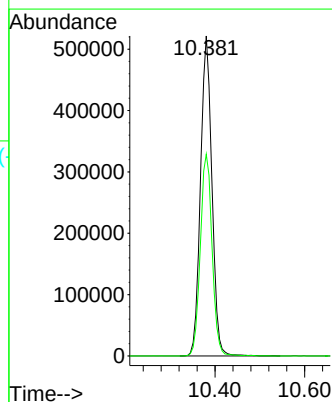
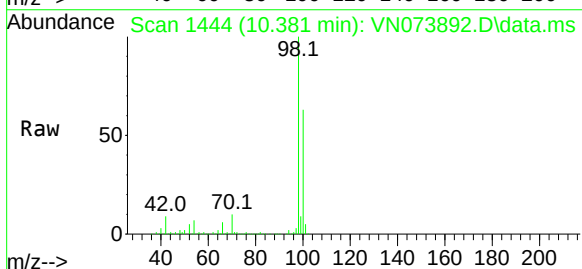
Acq: 15 Aug 2022 12:28

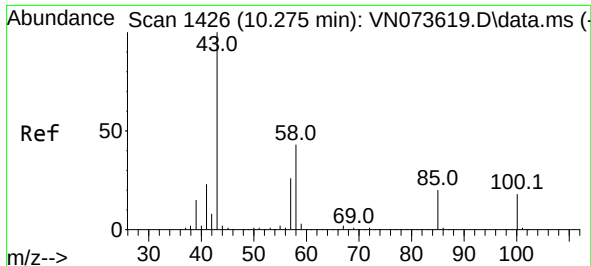
Tgt Ion: 98 Resp: 918532

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.348 ug/l

RT: 10.281 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VN073892.D

Acq: 15 Aug 2022 12:28

Instrument :

MSVOA_N

ClientSampleId :

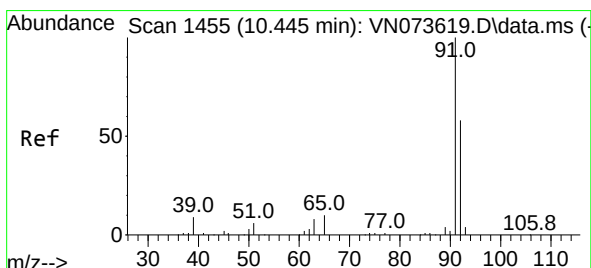
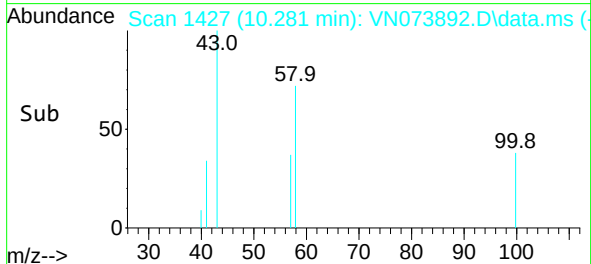
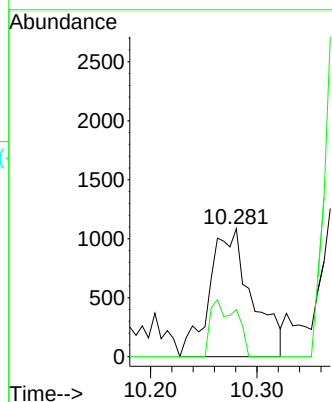
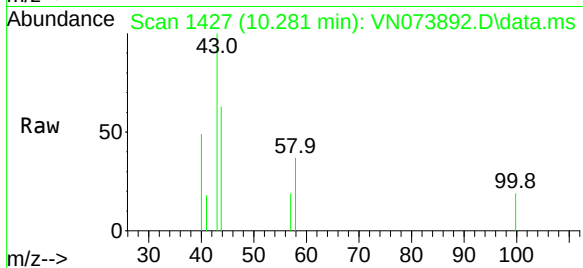
IBLK

Tgt Ion: 43 Resp: 2986

Ion Ratio Lower Upper

43 100

58 26.6 34.1 51.1#



#52

Toluene

Concen: 0.339 ug/l

RT: 10.439 min Scan# 1454

Delta R.T. -0.006 min

Lab File: VN073892.D

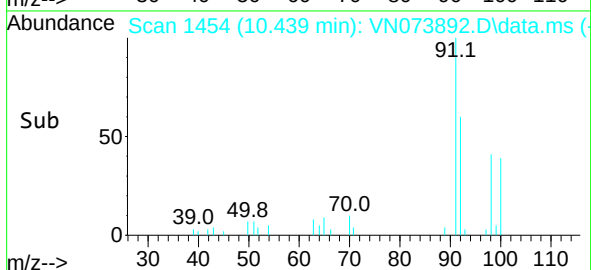
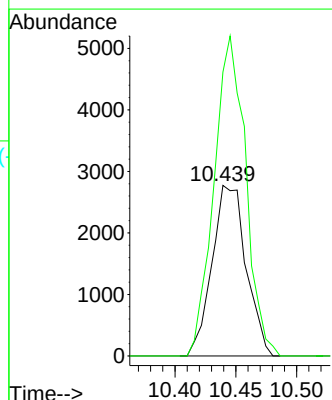
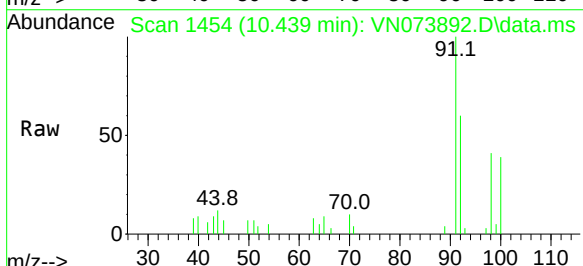
Acq: 15 Aug 2022 12:28

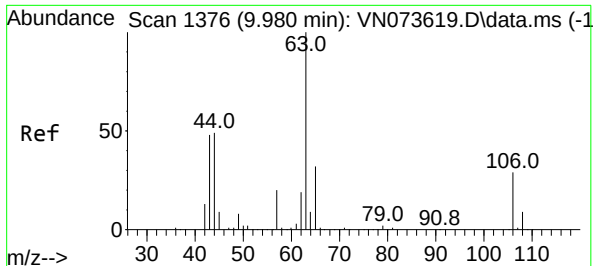
Tgt Ion: 92 Resp: 5397

Ion Ratio Lower Upper

92 100

91 174.8 138.6 207.8





#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 9.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN073892.D

Acq: 15 Aug 2022 12:28

Instrument :

MSVOA_N

ClientSampleId :

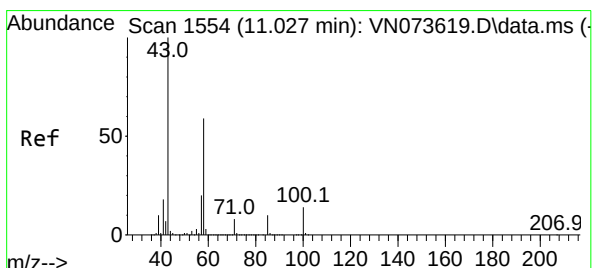
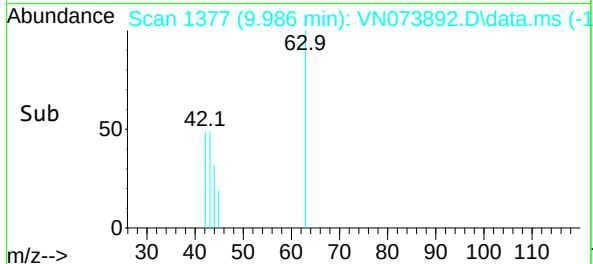
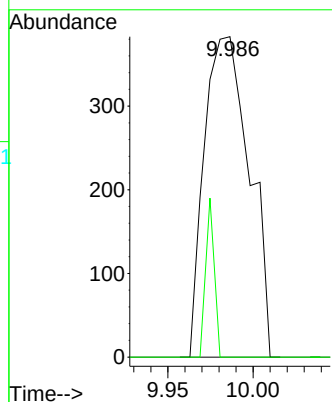
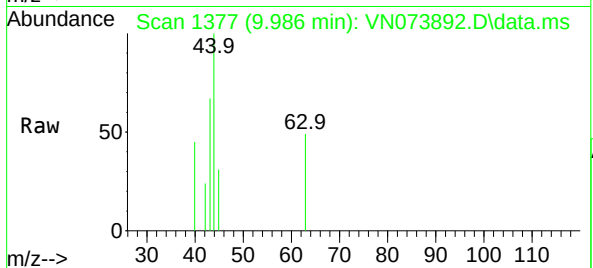
IBLK

Tgt Ion: 63 Resp: 706

Ion Ratio Lower Upper

63 100

106 9.5 24.6 36.8#



#59

2-Hexanone

Concen: 0.684 ug/l

RT: 11.028 min Scan# 1554

Delta R.T. 0.001 min

Lab File: VN073892.D

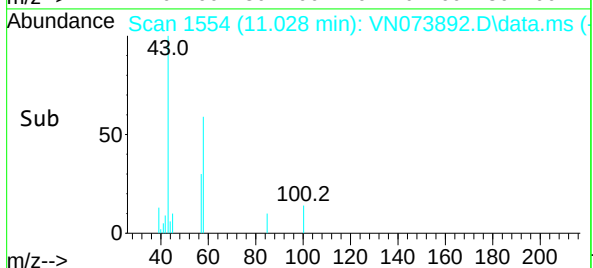
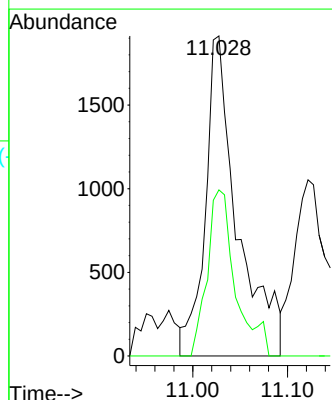
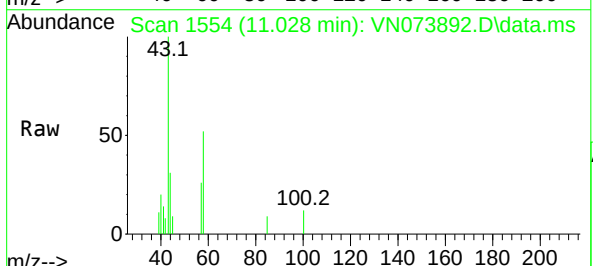
Acq: 15 Aug 2022 12:28

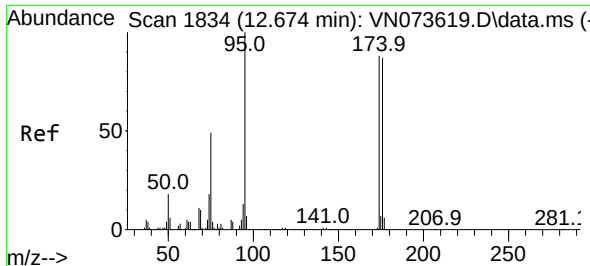
Tgt Ion: 43 Resp: 4521

Ion Ratio Lower Upper

43 100

58 45.2 29.7 89.1

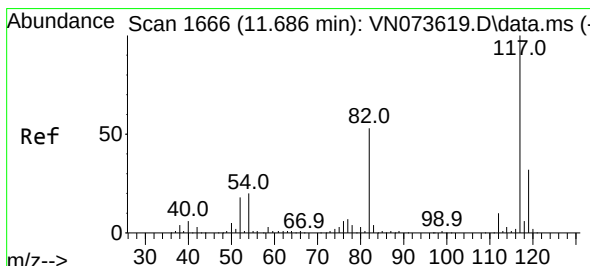
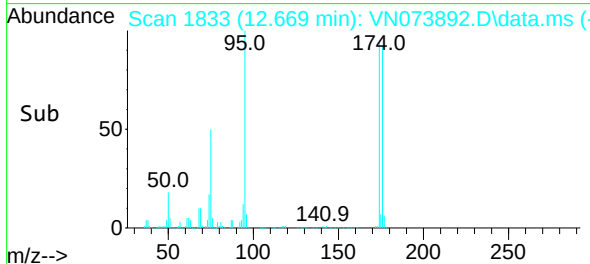
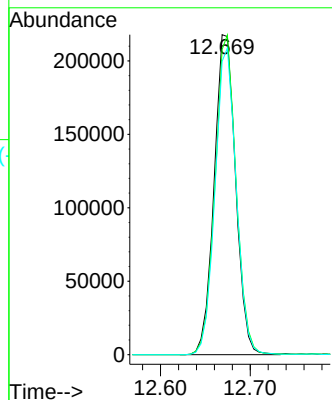
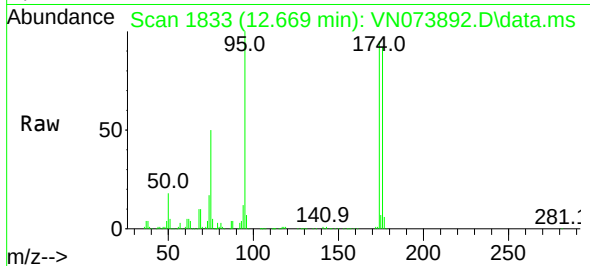




#62
4-Bromofluorobenzene
Concen: 53.093 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

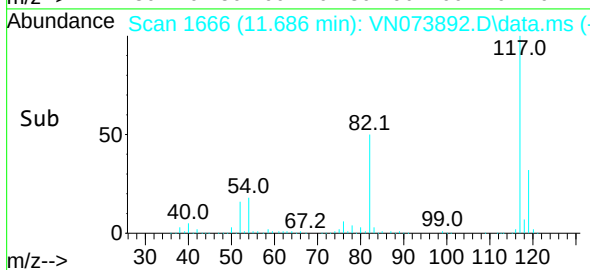
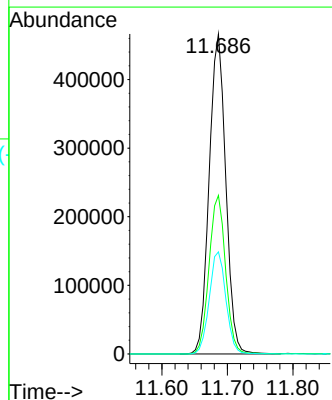
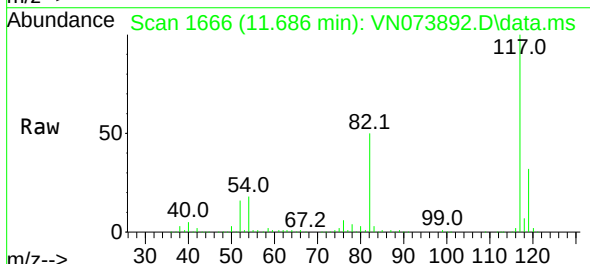
Instrument :
MSVOA_N
ClientSampleId :
IBLK

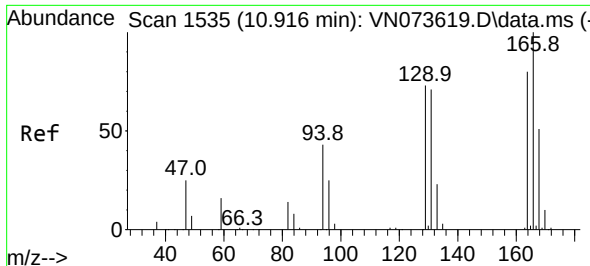
Tgt Ion: 95 Resp: 361415
Ion Ratio Lower Upper
95 100
174 98.0 0.0 167.6
176 94.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

Tgt Ion: 117 Resp: 818908
Ion Ratio Lower Upper
117 100
82 49.6 44.2 66.2
119 31.9 25.4 38.0

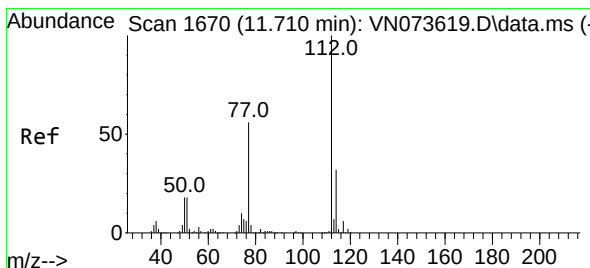
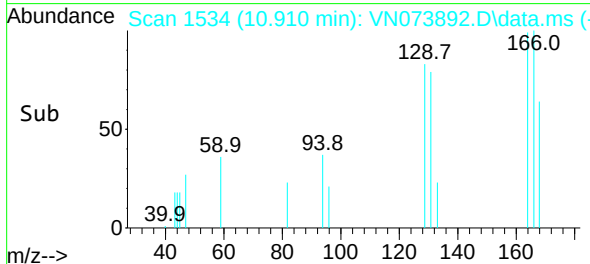
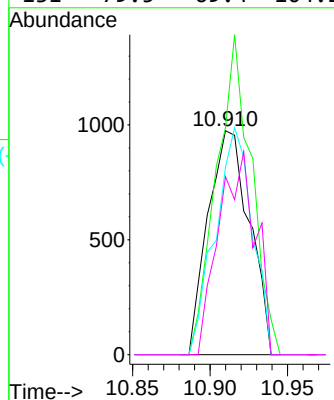
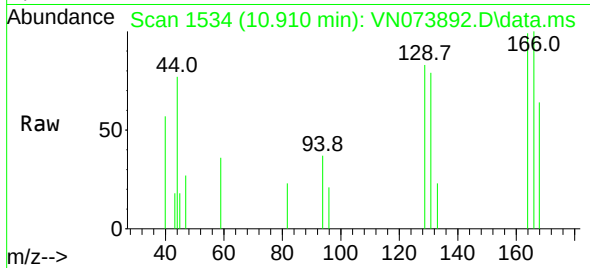




#64
Tetrachloroethene
Concen: 0.280 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. -0.006 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

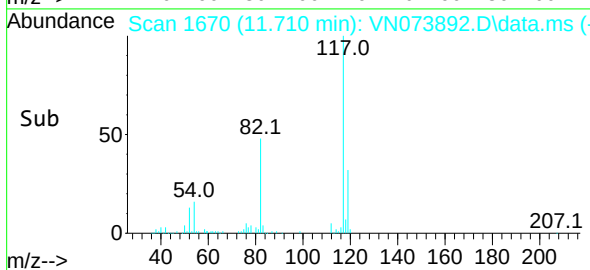
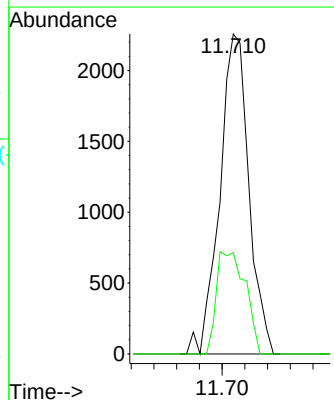
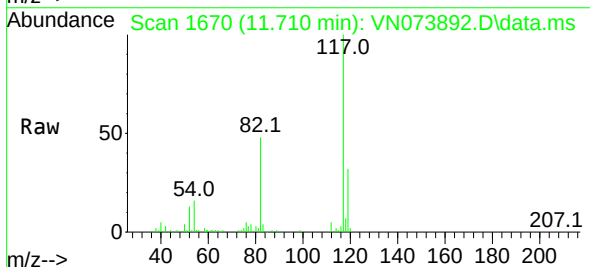
Instrument :
MSVOA_N
ClientSampleId :
IBLK

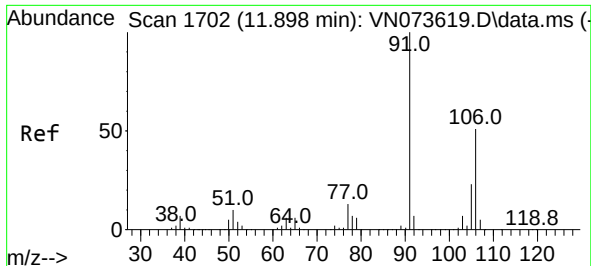
Tgt Ion:164 Resp: 1808
Ion Ratio Lower Upper
164 100
166 101.2 104.2 156.2#
129 83.7 73.9 110.9
131 79.5 69.4 104.2



#65
Chlorobenzene
Concen: 0.230 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

Tgt Ion:112 Resp: 4004
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

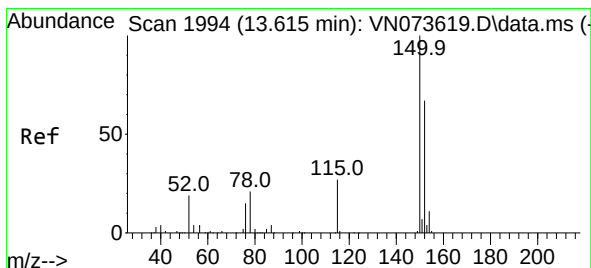
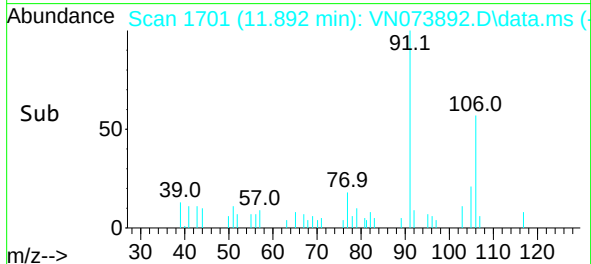
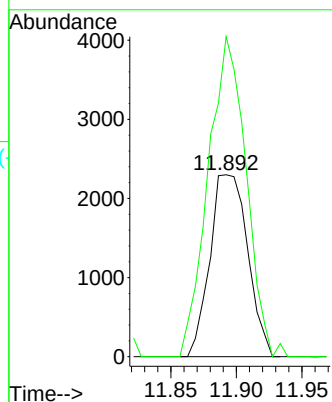
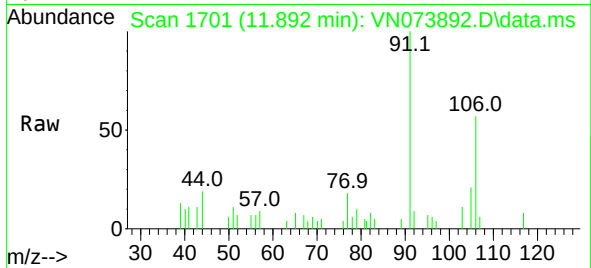




#68
m/p-Xylenes
Concen: 0.392 ug/l
RT: 11.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

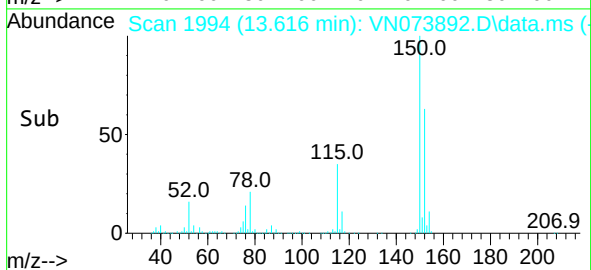
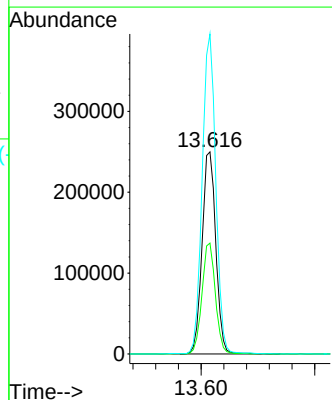
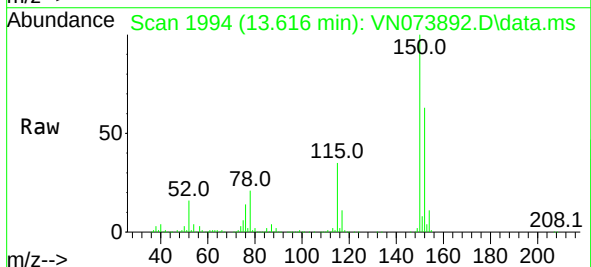
Instrument :
MSVOA_N
ClientSampleId :
IBLK

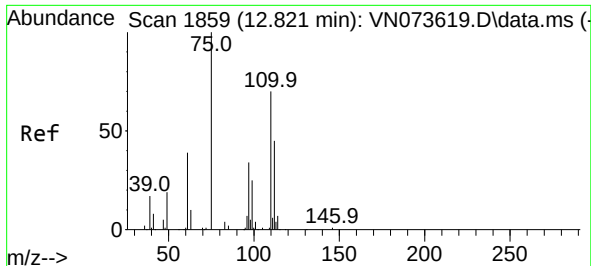
Tgt Ion:106 Resp: 4609
Ion Ratio Lower Upper
106 100
91 176.8 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

Tgt Ion:152 Resp: 419637
Ion Ratio Lower Upper
152 100
115 53.4 28.9 86.7
150 155.8 0.0 356.2

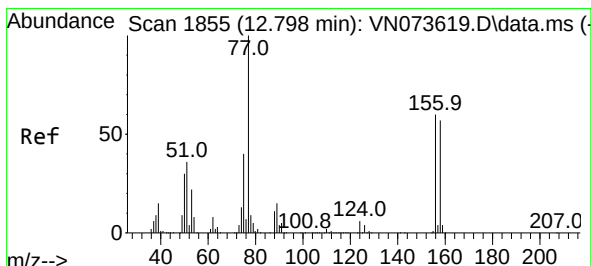
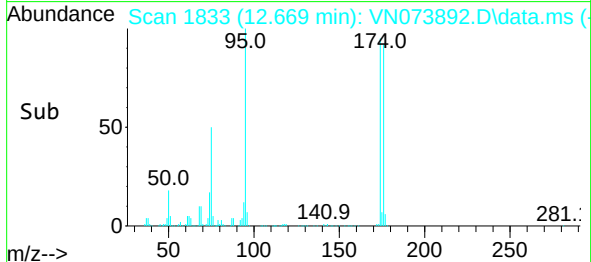
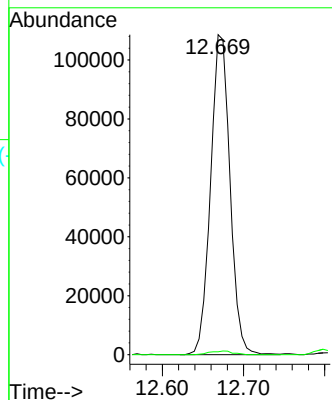
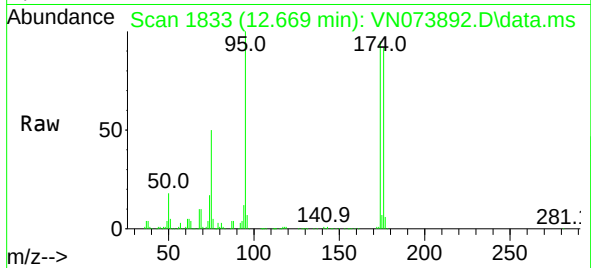




#76
1,2,3-Trichloropropane
Concen: 20.218 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.152 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

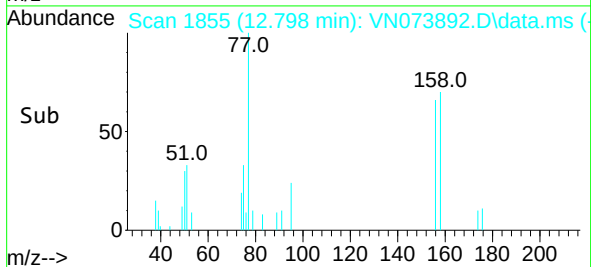
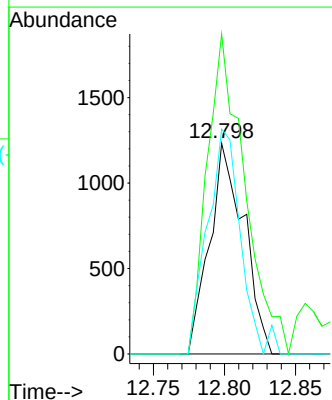
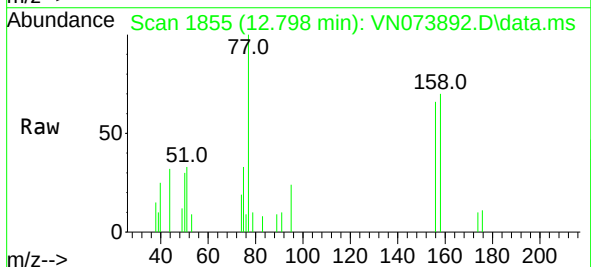
Instrument :
MSVOA_N
ClientSampleId :
IBLK

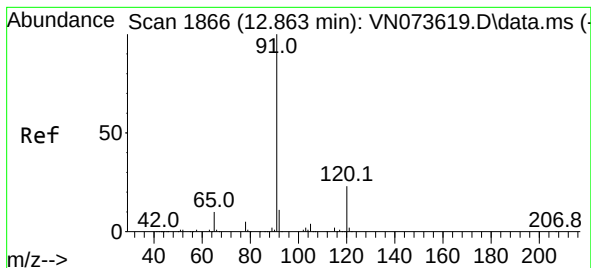
Tgt Ion: 75 Resp: 180221
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#77
Bromobenzene
Concen: 0.251 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

Tgt Ion: 156 Resp: 2076
Ion Ratio Lower Upper
156 100
77 165.4 100.5 301.5
158 102.9 48.9 146.6





#78

n-propylbenzene

Concen: 0.217 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.006 min

Lab File: VN073892.D

Acq: 15 Aug 2022 12:28

Instrument :

MSVOA_N

ClientSampleId :

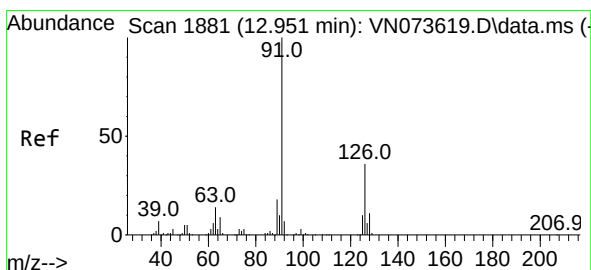
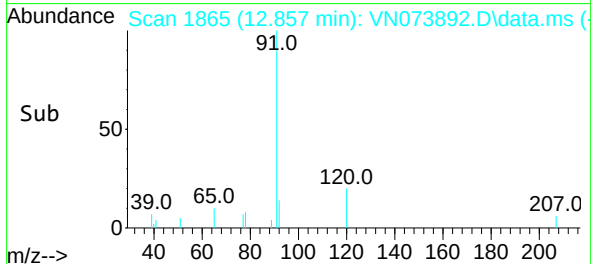
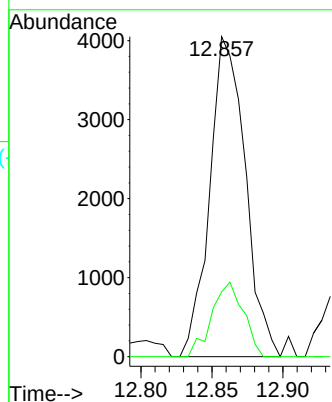
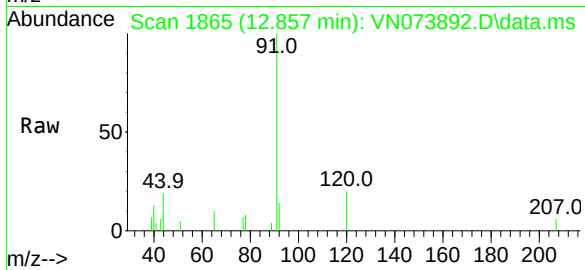
IBLK

Tgt Ion: 91 Resp: 7054

Ion Ratio Lower Upper

91 100

120 20.7 11.9 35.5



#79

2-Chlorotoluene

Concen: 0.202 ug/l

RT: 12.951 min Scan# 1881

Delta R.T. 0.000 min

Lab File: VN073892.D

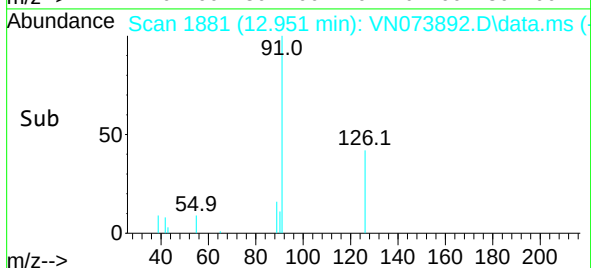
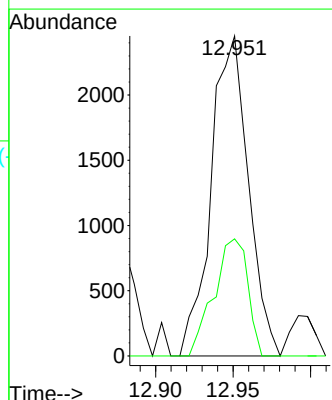
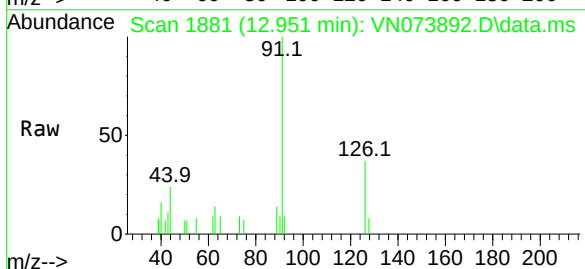
Acq: 15 Aug 2022 12:28

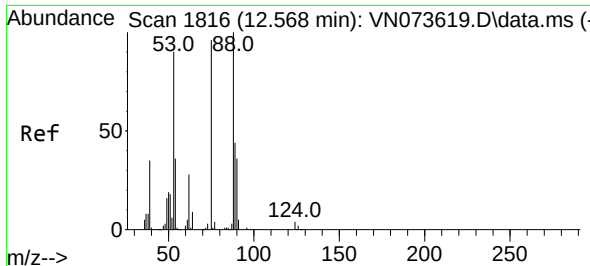
Tgt Ion: 91 Resp: 4100

Ion Ratio Lower Upper

91 100

126 33.2 17.3 51.9

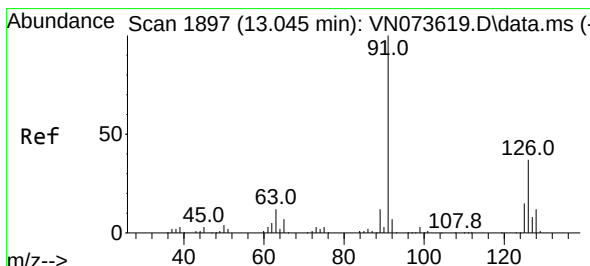
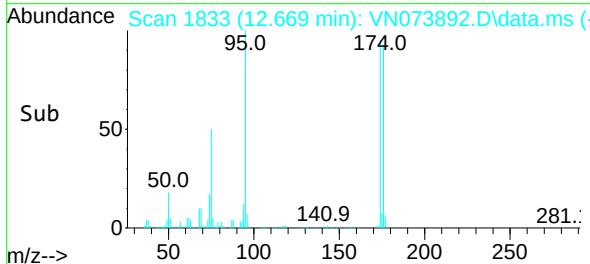
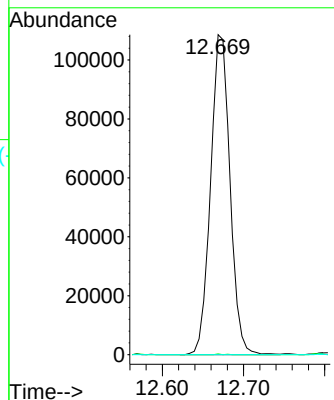
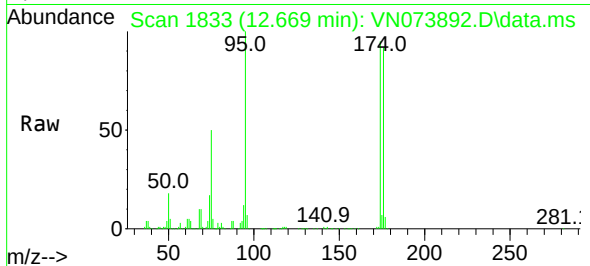




#81
trans-1,4-Dichloro-2-butene
Concen: 58.768 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.100 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

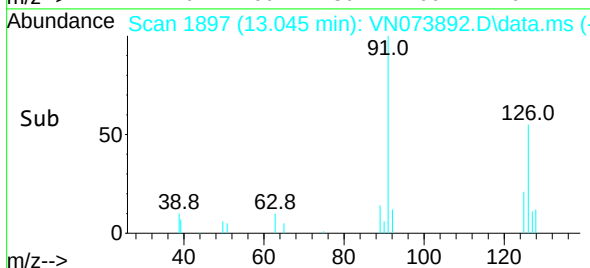
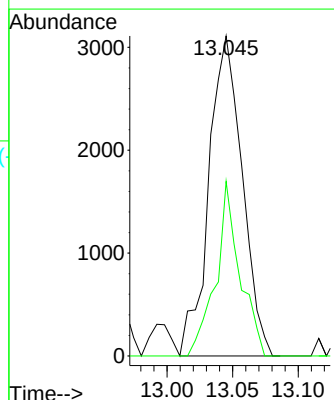
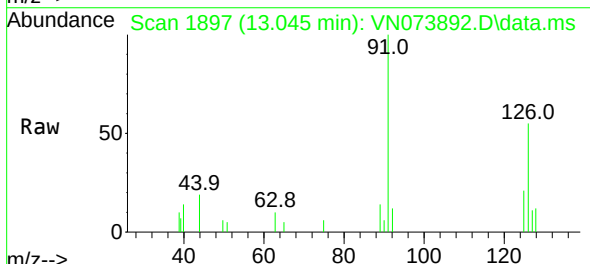
Instrument :
MSVOA_N
ClientSampleId :
IBLK

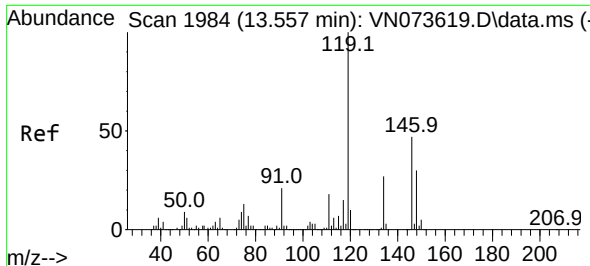
Tgt Ion: 75 Resp: 180221
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.286 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

Tgt Ion: 91 Resp: 5514
Ion Ratio Lower Upper
91 100
126 39.2 17.2 51.6





#87

1,3-Dichlorobenzene

Concen: 0.396 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN073892.D

Acq: 15 Aug 2022 12:28

Instrument :

MSVOA_N

ClientSampleId :

IBLK

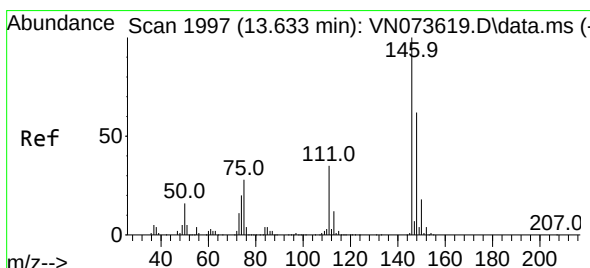
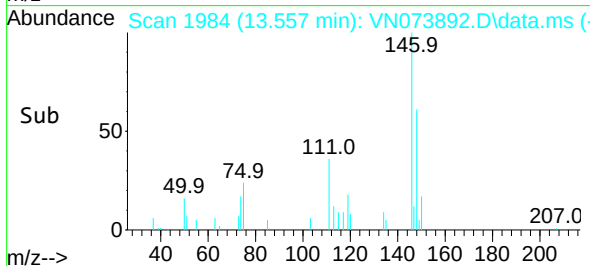
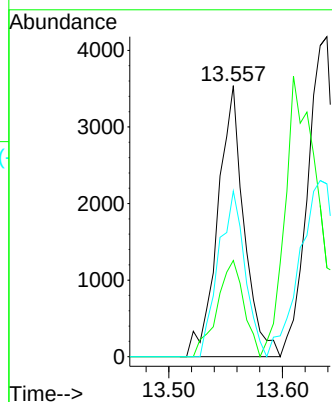
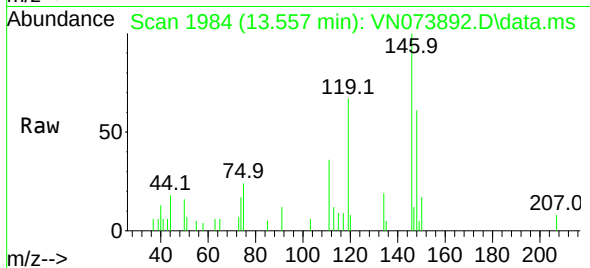
Tgt Ion:146 Resp: 5680

Ion Ratio Lower Upper

146 100

111 36.2 20.0 60.0

148 61.7 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.391 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. -0.076 min

Lab File: VN073892.D

Acq: 15 Aug 2022 12:28

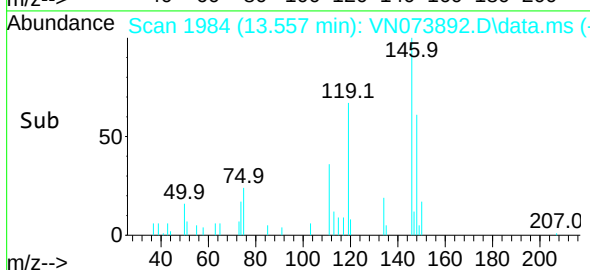
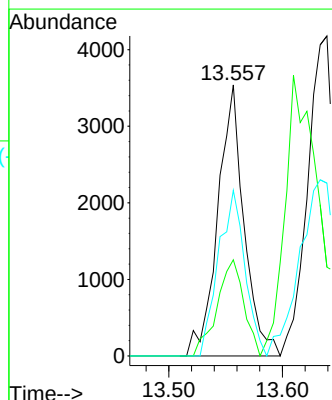
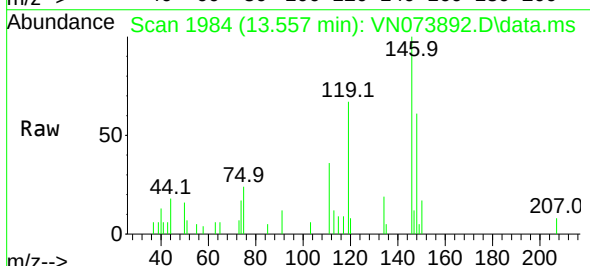
Tgt Ion:146 Resp: 5680

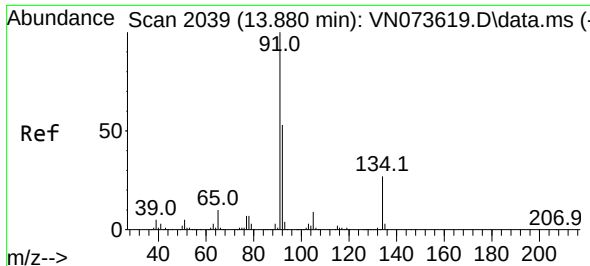
Ion Ratio Lower Upper

146 100

111 36.2 19.1 57.1

148 61.7 31.4 94.3

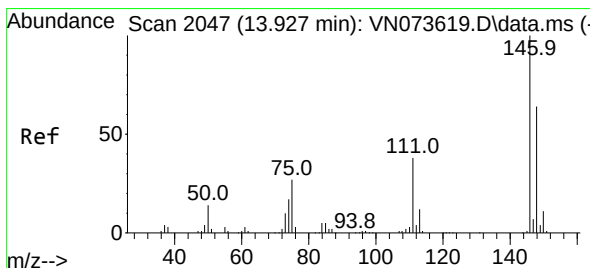
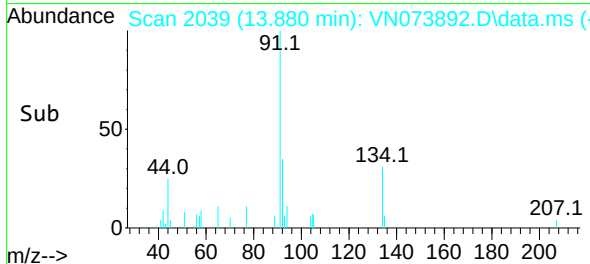
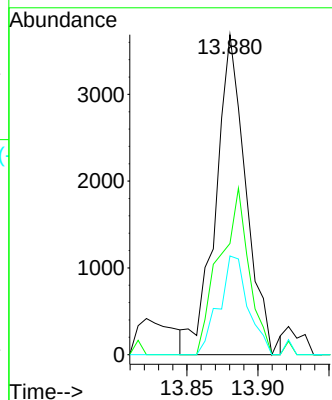
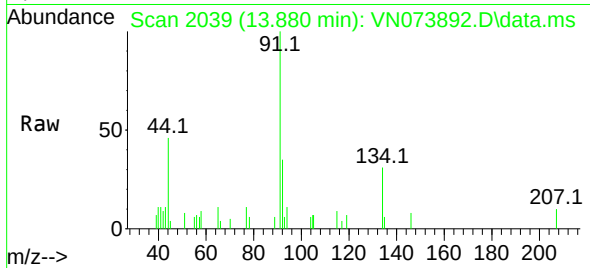




#89
n-Butylbenzene
Concen: 0.274 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

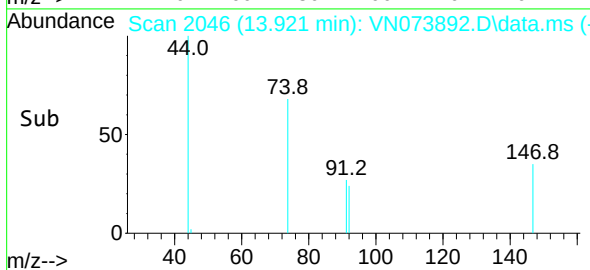
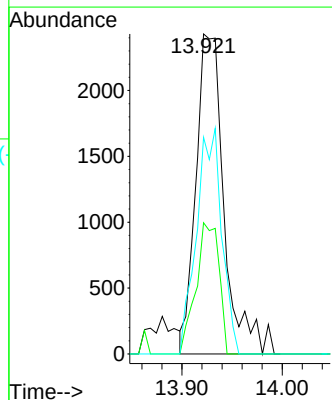
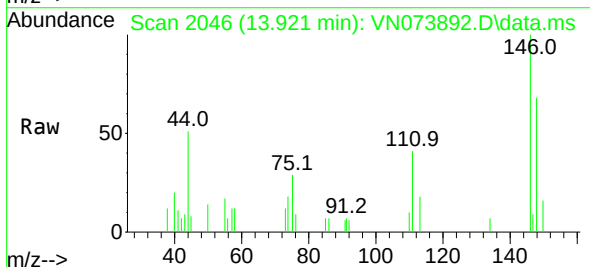
Instrument :
MSVOA_N
ClientSampleId :
IBLK

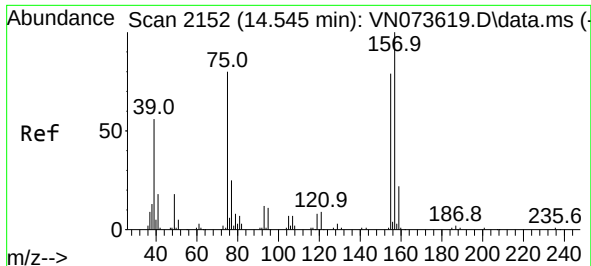
Tgt Ion: 91	Resp: 5485
Ion Ratio	Lower Upper
91	100
92	50.2 26.9 80.7
134	29.5 13.6 40.8



#91
1,2-Dichlorobenzene
Concen: 0.321 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. -0.006 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

Tgt Ion: 146	Resp: 4759
Ion Ratio	Lower Upper
146	100
111	33.4 20.9 62.8
148	63.0 32.1 96.3

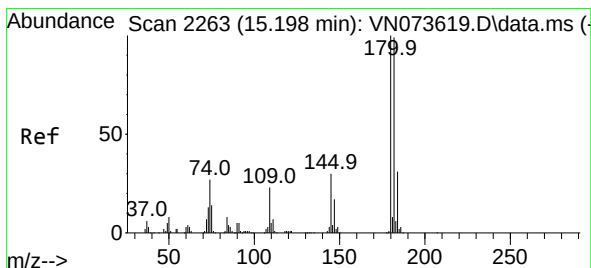
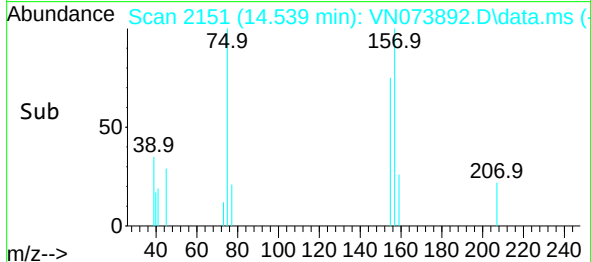
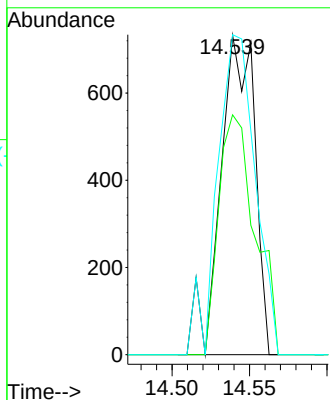
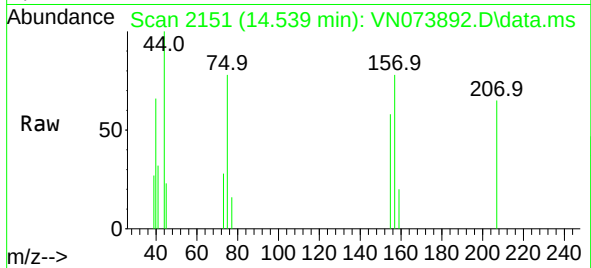




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.468 ug/l
 RT: 14.539 min Scan# 2151
 Delta R.T. -0.006 min
 Lab File: VN073892.D
 Acq: 15 Aug 2022 12:28

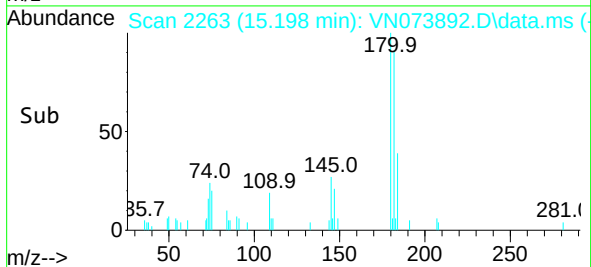
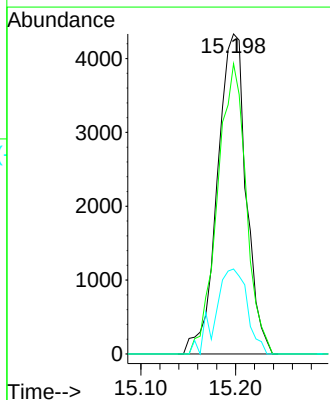
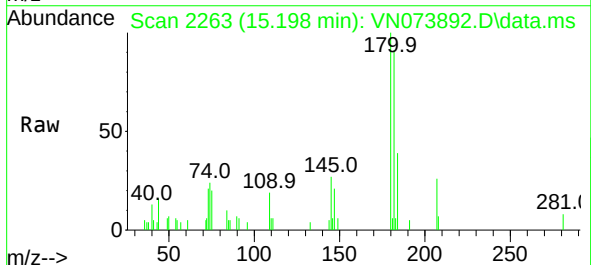
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

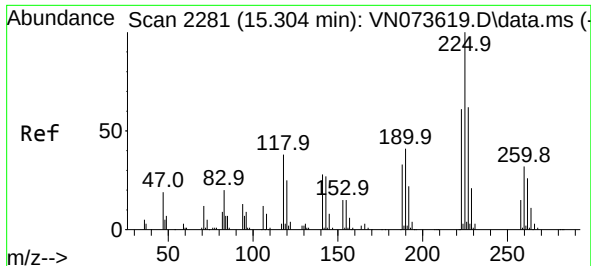
Tgt Ion: 75 Resp: 1133
 Ion Ratio Lower Upper
 75 100
 155 78.9 44.9 134.5
 157 110.7 59.0 176.8



#93
 1,2,4-Trichlorobenzene
 Concen: 1.016 ug/l
 RT: 15.198 min Scan# 2263
 Delta R.T. 0.000 min
 Lab File: VN073892.D
 Acq: 15 Aug 2022 12:28

Tgt Ion: 180 Resp: 9160
 Ion Ratio Lower Upper
 180 100
 182 90.1 47.5 142.5
 145 29.1 14.5 43.5

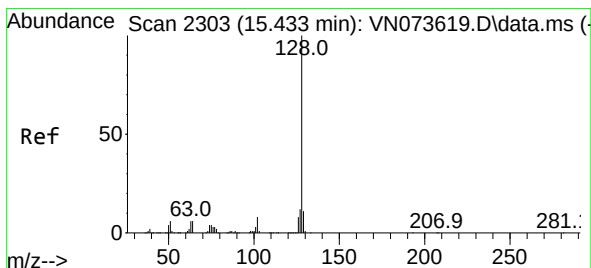
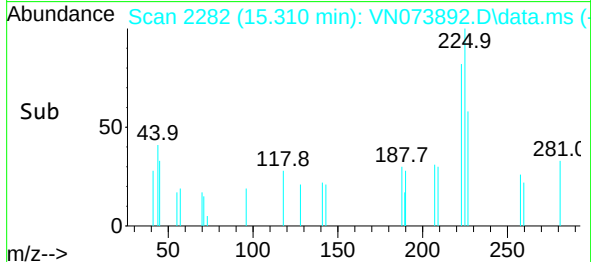
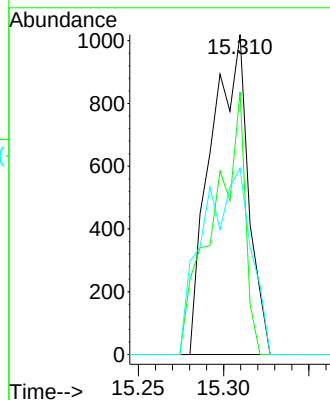
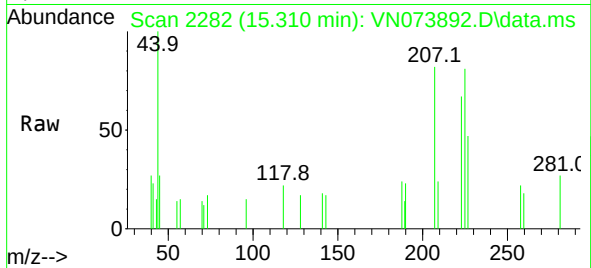




#94
Hexachlorobutadiene
Concen: 0.326 ug/l
RT: 15.310 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

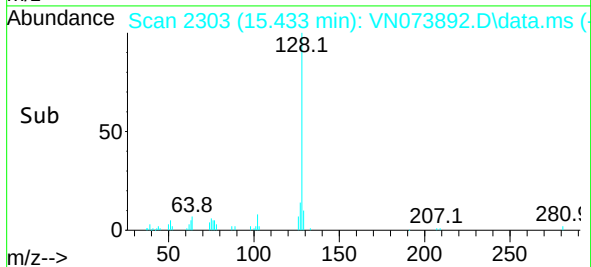
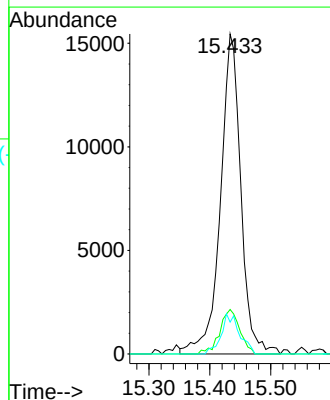
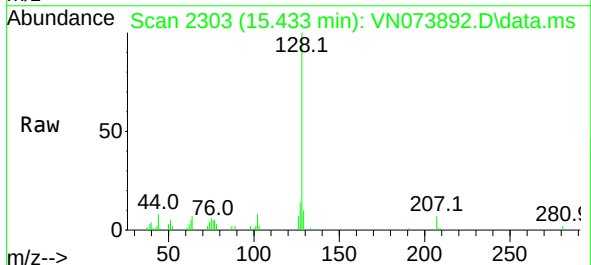
Instrument :
MSVOA_N
ClientSampleId :
IBLK

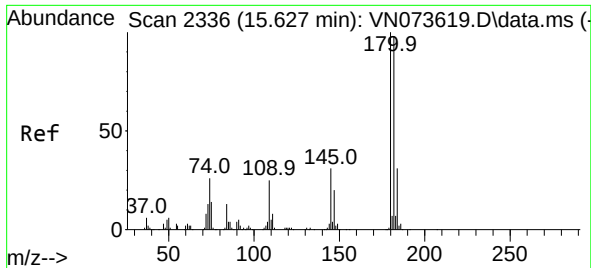
Tgt Ion:	225	Resp:	1549
Ion Ratio	Lower	Upper	
225	100		
223	68.2	32.4	97.2
227	74.2	31.8	95.4



#95
Naphthalene
Concen: 1.225 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

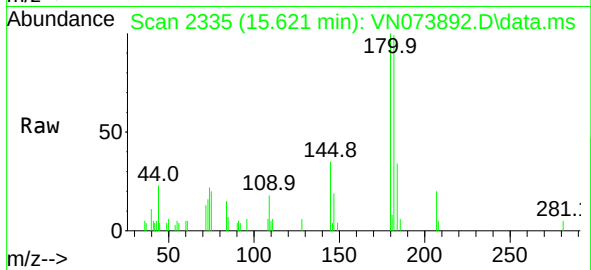
Tgt Ion:	128	Resp:	36001
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.3	15.5
129	11.2	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.101 ug/l
 RT: 15.621 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN073892.D
 Acq: 15 Aug 2022 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	10258
Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.8	143.3
145	27.9	15.5	46.5

