

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071522\
 Data File : VN073484.D
 Acq On : 15 Jul 2022 14:33
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 16 04:13:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

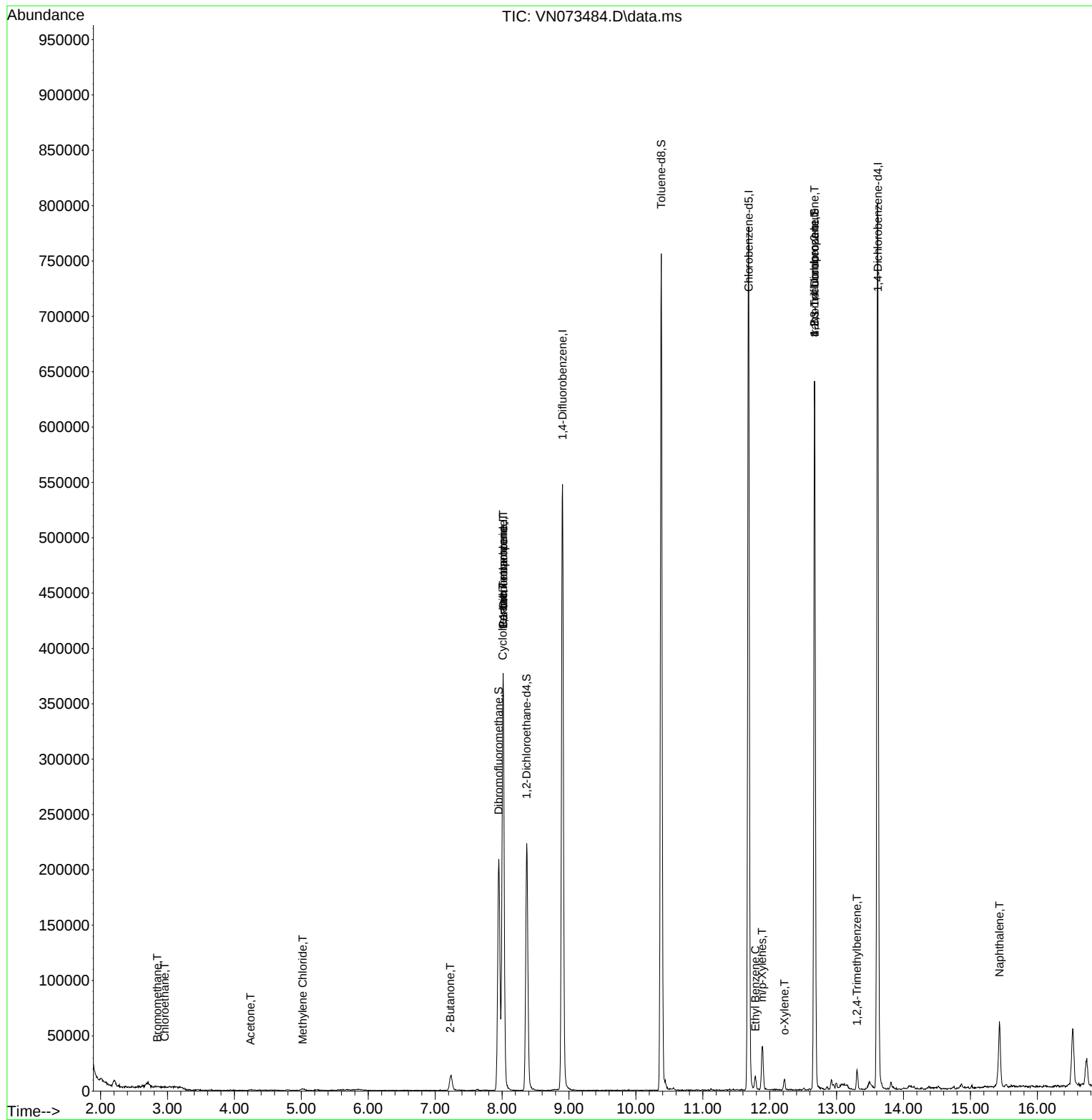
Internal Standards						
1) Pentafluorobenzene	8.016	168	281304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	480799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	447797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	213493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	188379	46.388	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.780%		
35) Dibromofluoromethane	7.951	113	155340	48.562	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.120%		
50) Toluene-d8	10.380	98	511828	45.051	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.100%		
62) 4-Bromofluorobenzene	12.668	95	220652	50.538	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.080%		
Target Compounds					Qvalue	
5) Bromomethane	2.846	94	420	0.262	ug/l #	2
6) Chloroethane	2.957	64	458	0.229	ug/l #	42
16) Acetone	4.240	43	1227	0.538	ug/l #	42
20) Methylene Chloride	5.022	84	948	0.237	ug/l #	42
25) 2-Butanone	7.228	43	935	0.258	ug/l #	45
31) Cyclohexane	8.010	56	6637	0.998	ug/l #	41
36) 1,1-Dichloropropene	8.016	75	24236	4.924	ug/l #	47
38) Carbon Tetrachloride	8.016	117	30030	5.900	ug/l #	15
67) Ethyl Benzene	11.786	91	8920	0.485	ug/l	95
68) m/p-Xylenes	11.886	106	13327	1.921	ug/l	99
69) o-Xylene	12.221	106	2956	0.417	ug/l	92
76) 1,2,3-Trichloropropane	12.668	75	118346	21.200	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	118346	58.140	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.304	105	11370	0.758	ug/l	96
95) Naphthalene	15.433	128	59909	3.641	ug/l	98

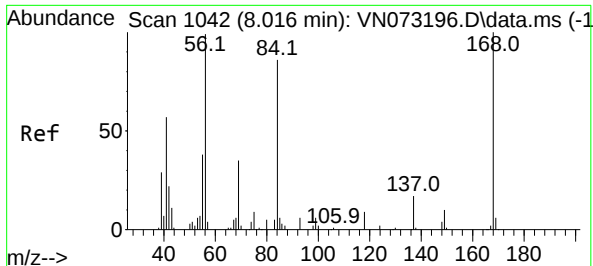
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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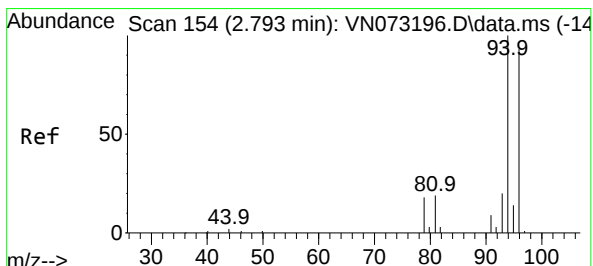
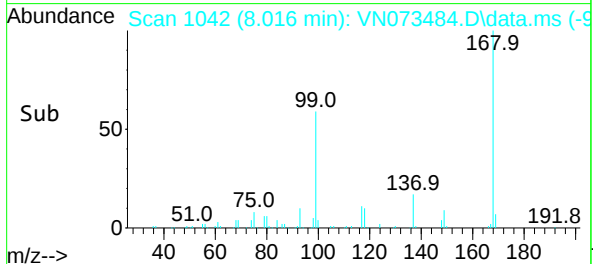
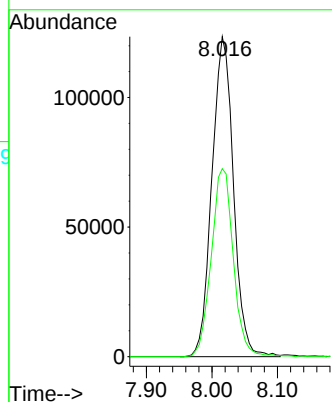
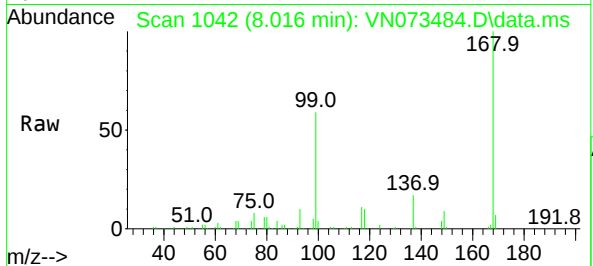




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073484.D
Acq: 15 Jul 2022 14:33

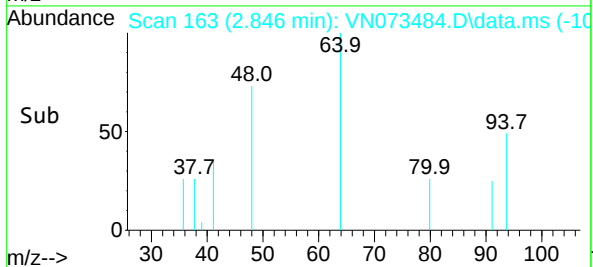
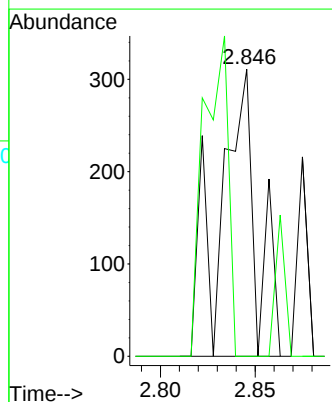
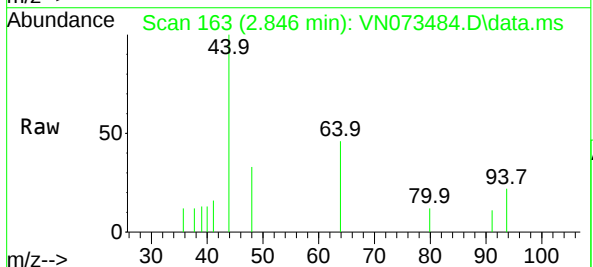
Instrument :
MSVOA_N
ClientSampleId :
IBLK

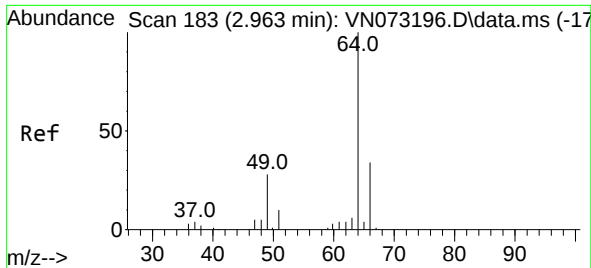
Tgt Ion:168 Resp: 281304
Ion Ratio Lower Upper
168 100
99 58.8 42.3 63.5



#5
Bromomethane
Concen: 0.262 ug/l
RT: 2.846 min Scan# 163
Delta R.T. 0.053 min
Lab File: VN073484.D
Acq: 15 Jul 2022 14:33

Tgt Ion: 94 Resp: 420
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#

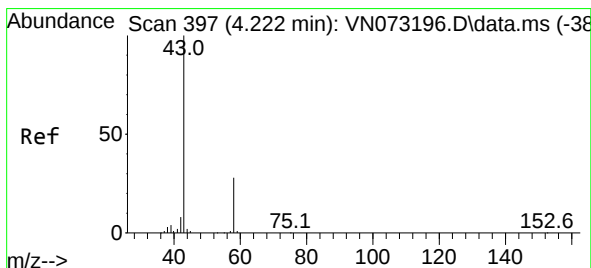
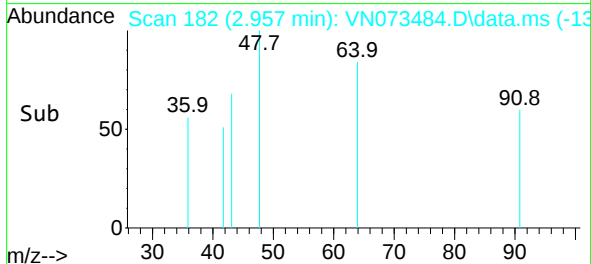
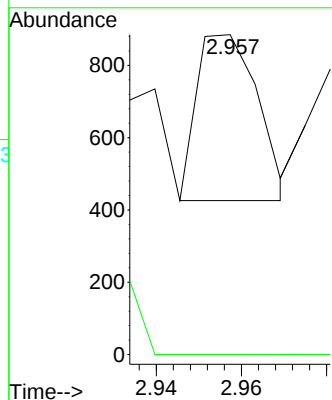
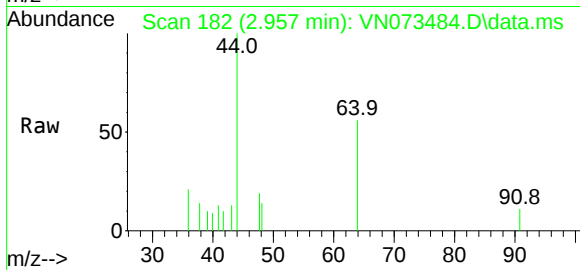




#6
Chloroethane
Concen: 0.229 ug/l
RT: 2.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073484.D
Acq: 15 Jul 2022 14:33

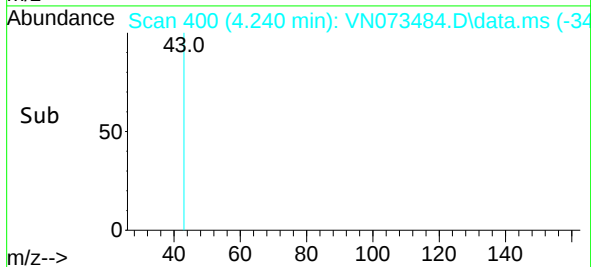
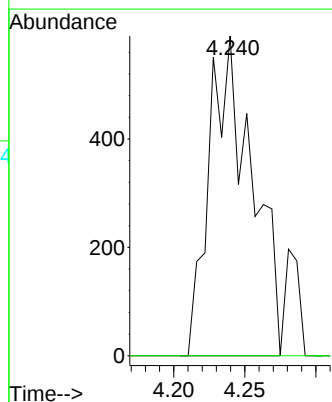
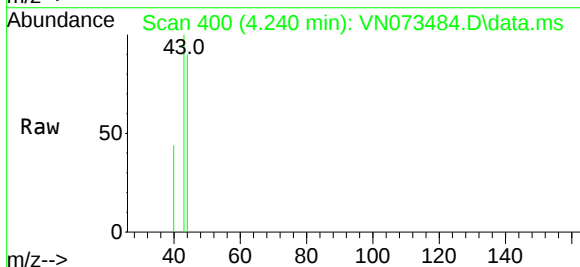
Instrument :
MSVOA_N
ClientSampleId :
IBLK

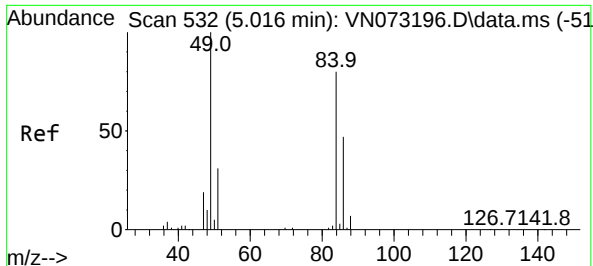
Tgt Ion: 64 Resp: 458
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 0.538 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073484.D
Acq: 15 Jul 2022 14:33

Tgt Ion: 43 Resp: 1227
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

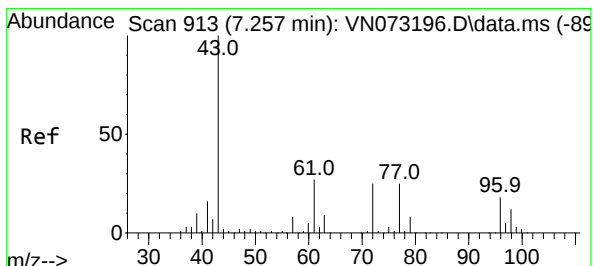
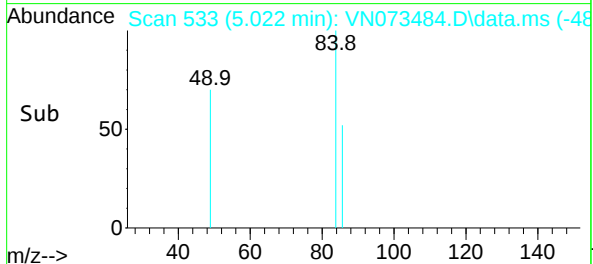
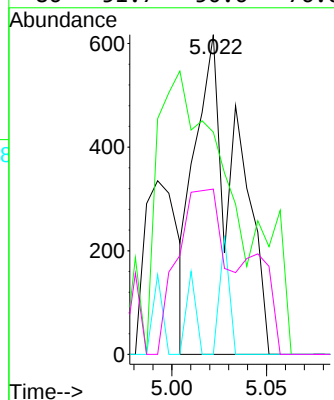
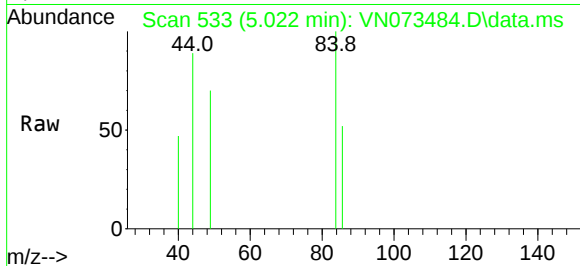




#20
Methylene Chloride
Concen: 0.237 ug/l
RT: 5.022 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073484.D
Acq: 15 Jul 2022 14:33

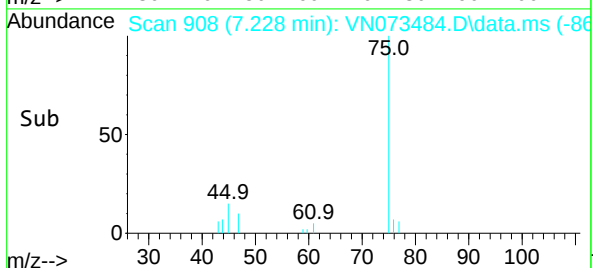
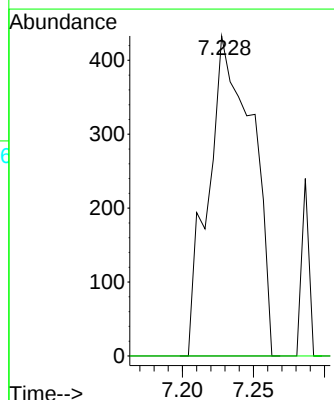
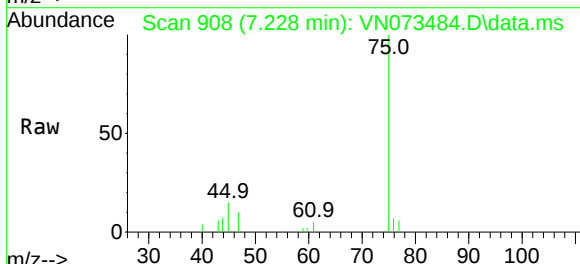
Instrument :
MSVOA_N
ClientSampleId :
IBLK

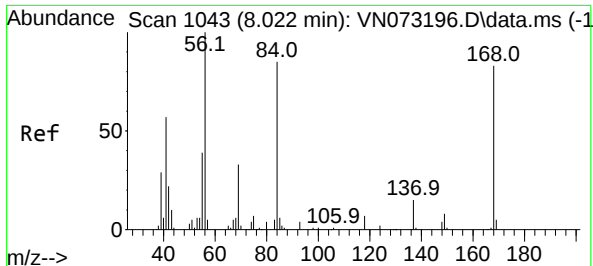
Tgt Ion:	84	Resp:	948
Ion	Ratio	Lower	Upper
84	100		
49	24.5	88.3	132.5#
51	0.0	28.2	42.2#
86	51.7	50.6	76.0



#25
2-Butanone
Concen: 0.258 ug/l
RT: 7.228 min Scan# 908
Delta R.T. -0.029 min
Lab File: VN073484.D
Acq: 15 Jul 2022 14:33

Tgt Ion:	43	Resp:	935
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#31

Cyclohexane

Concen: 0.998 ug/l

RT: 8.010 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN073484.D

Acq: 15 Jul 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

IBLK

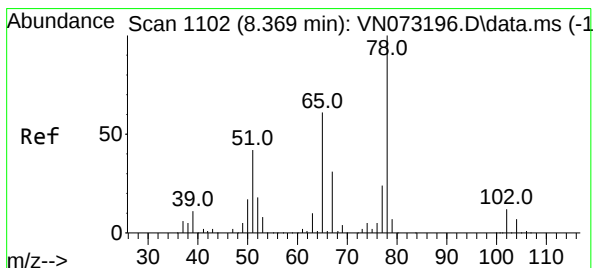
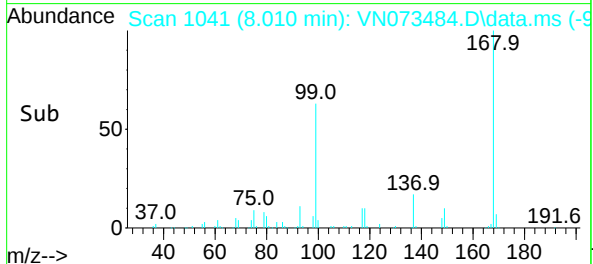
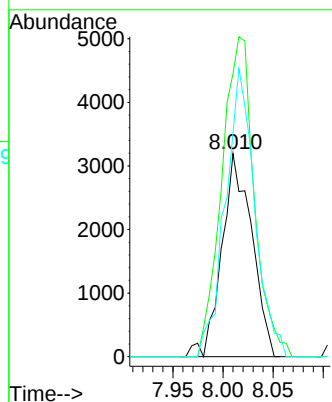
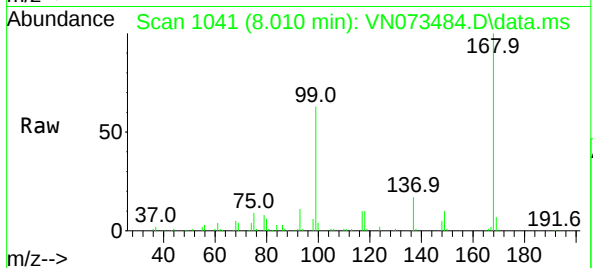
Tgt Ion: 56 Resp: 6637

Ion Ratio Lower Upper

56 100

69 139.3 27.8 41.8#

84 110.1 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 46.388 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073484.D

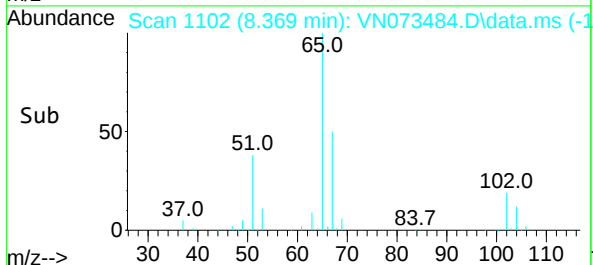
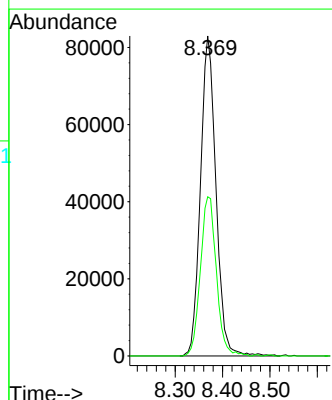
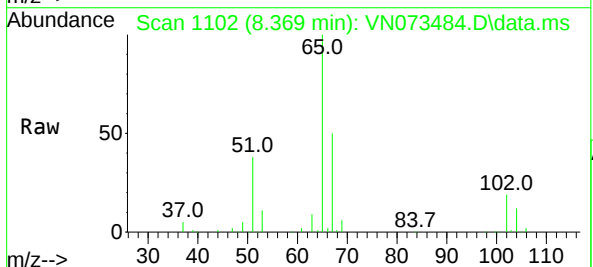
Acq: 15 Jul 2022 14:33

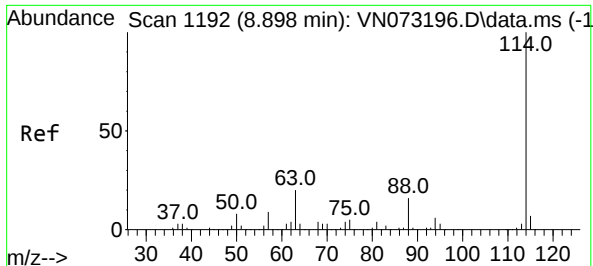
Tgt Ion: 65 Resp: 188379

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.8

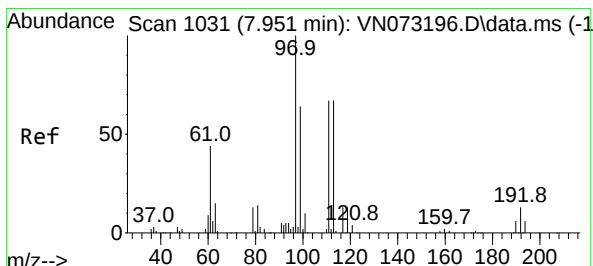
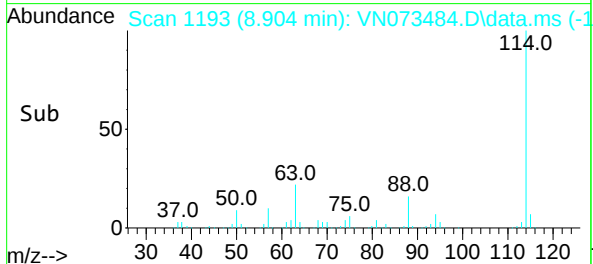
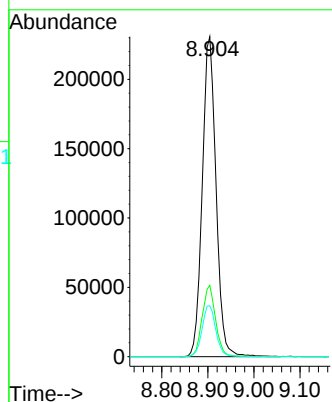
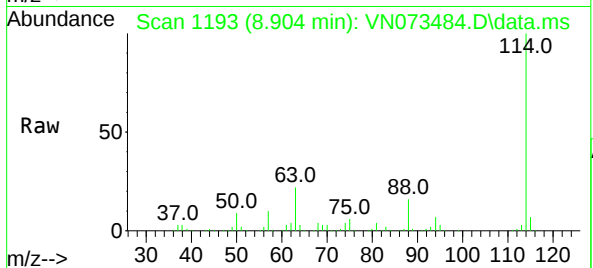




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073484.D
Acq: 15 Jul 2022 14:33

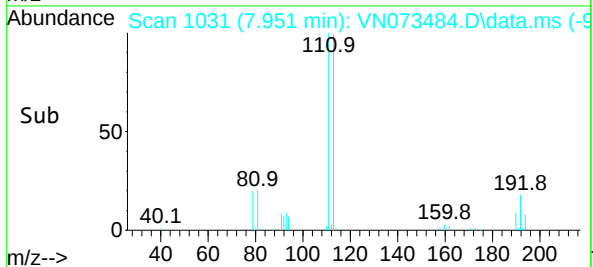
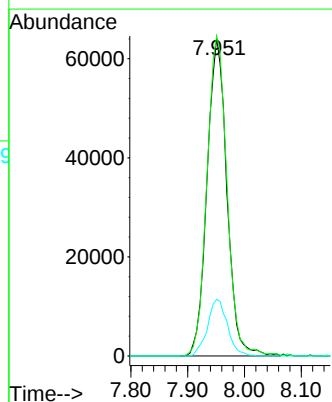
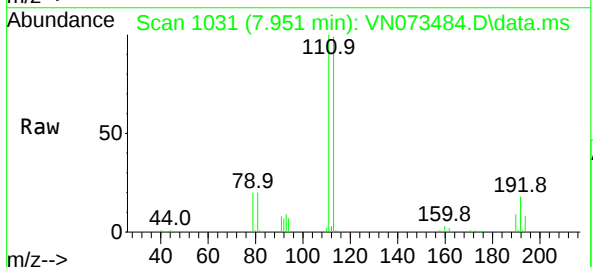
Instrument :
MSVOA_N
ClientSampleId :
IBLK

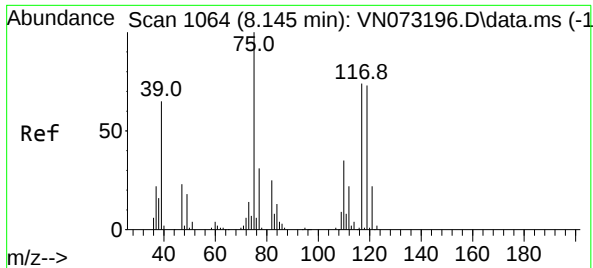
Tgt Ion:114 Resp: 480799
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.0
88 15.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.562 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073484.D
Acq: 15 Jul 2022 14:33

Tgt Ion:113 Resp: 155340
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 17.9 17.0 25.6

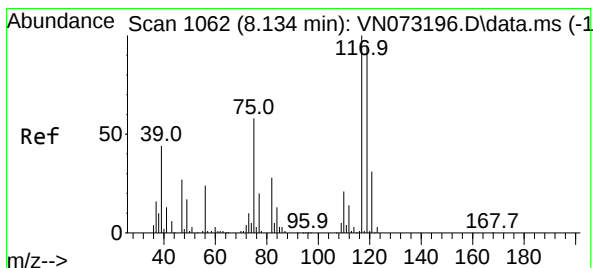
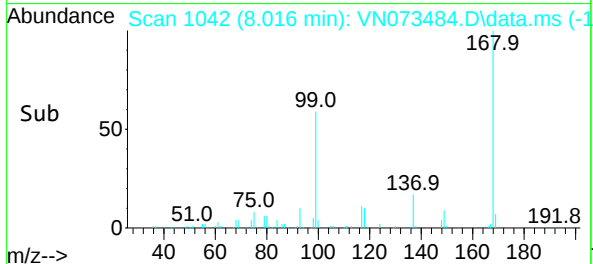
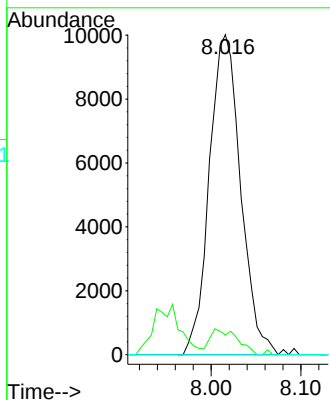
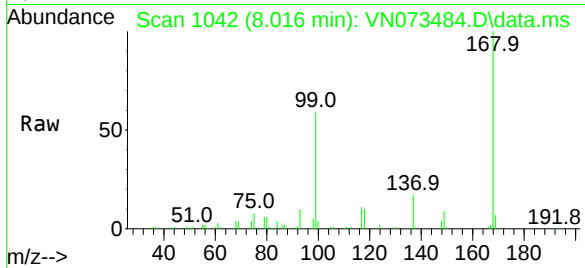




#36
1,1-Dichloropropene
Concen: 4.924 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073484.D
Acq: 15 Jul 2022 14:33

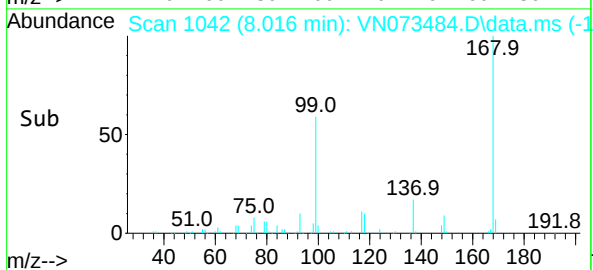
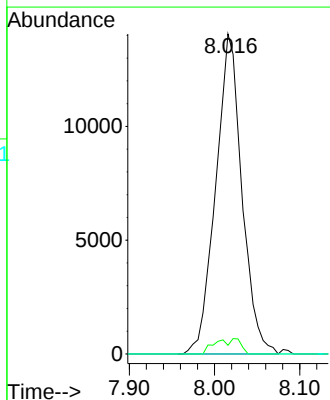
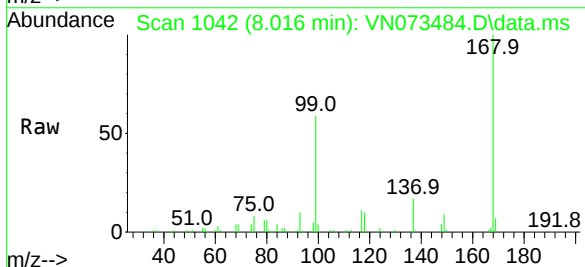
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ClientSampleId :
IBLK

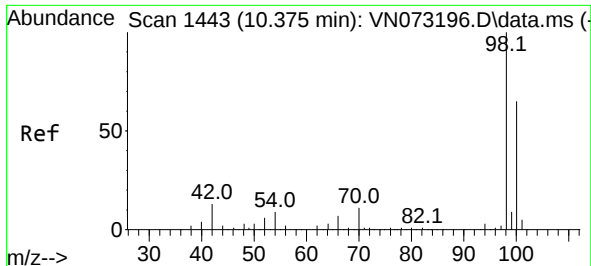
Tgt Ion: 75 Resp: 24236
Ion Ratio Lower Upper
75 100
110 7.2 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.900 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073484.D
Acq: 15 Jul 2022 14:33

Tgt Ion: 117 Resp: 30030
Ion Ratio Lower Upper
117 100
119 2.7 75.8 113.8#
121 0.0 24.6 37.0#

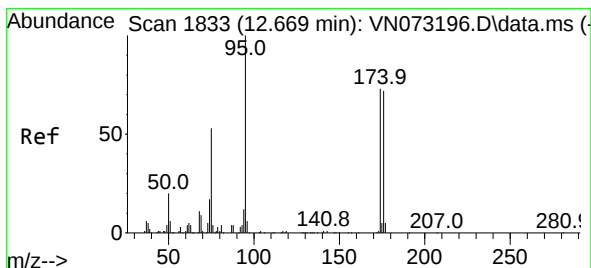
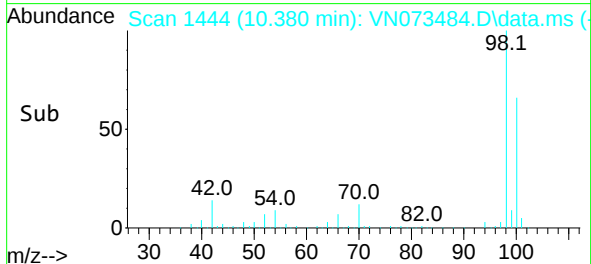
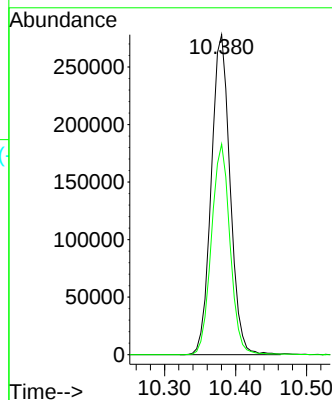
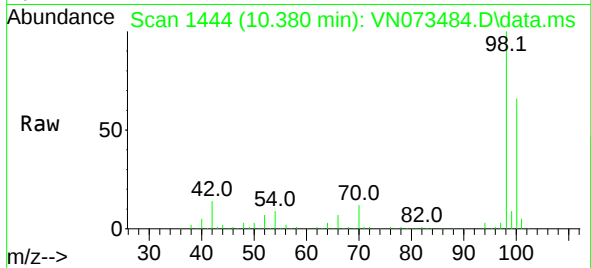




#50
Toluene-d8
Concen: 45.051 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073484.D
Acq: 15 Jul 2022 14:33

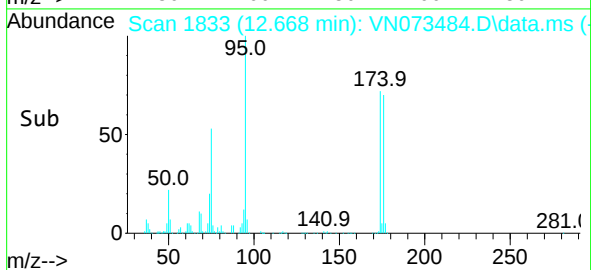
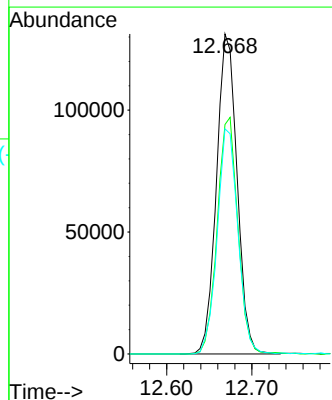
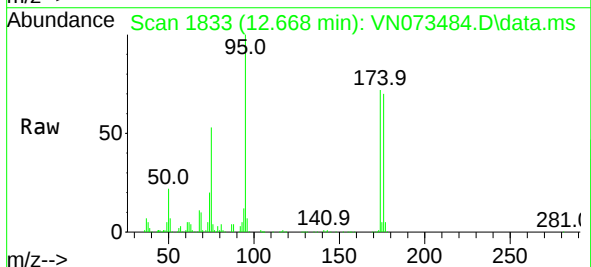
Instrument :
MSVOA_N
ClientSampleId :
IBLK

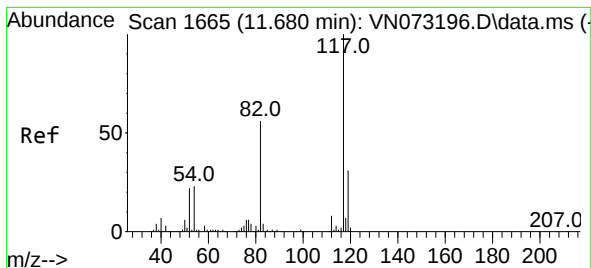
Tgt Ion: 98 Resp: 511828
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.538 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073484.D
Acq: 15 Jul 2022 14:33

Tgt Ion: 95 Resp: 220652
Ion Ratio Lower Upper
95 100
174 74.0 0.0 167.6
176 70.7 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073484.D

Acq: 15 Jul 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

IBLK

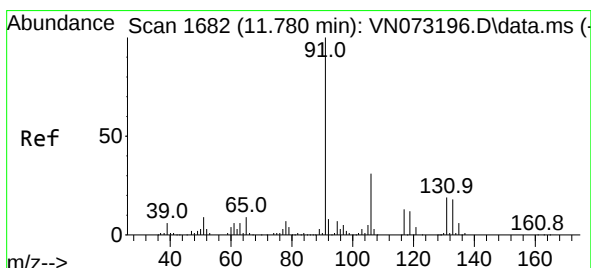
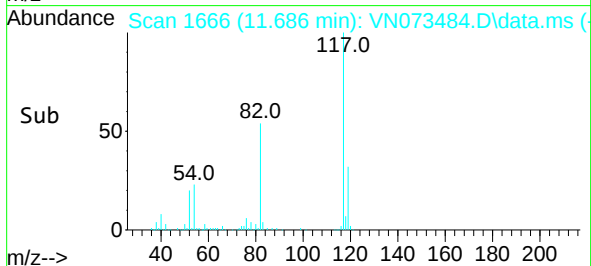
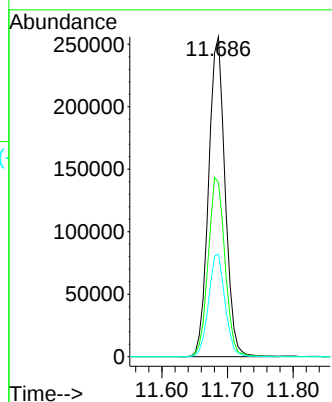
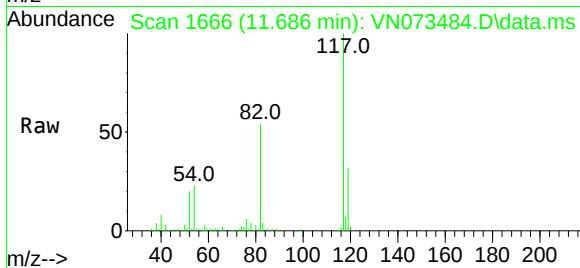
Tgt Ion:117 Resp: 447797

Ion Ratio Lower Upper

117 100

82 54.5 44.2 66.2

119 32.0 25.4 38.0



#67

Ethyl Benzene

Concen: 0.485 ug/l

RT: 11.786 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VN073484.D

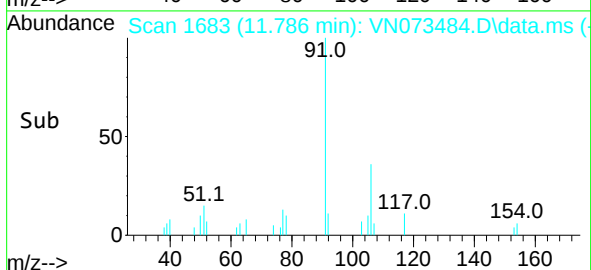
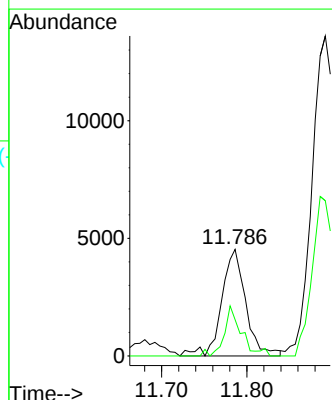
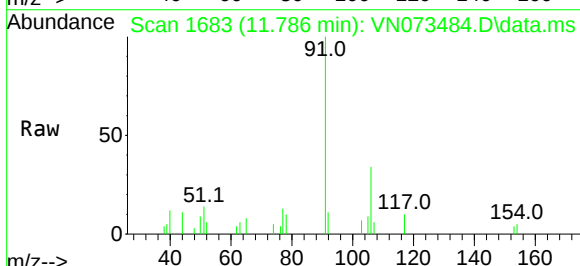
Acq: 15 Jul 2022 14:33

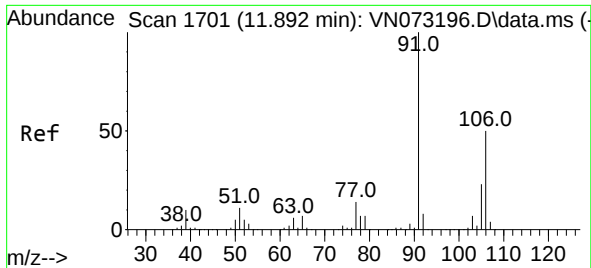
Tgt Ion: 91 Resp: 8920

Ion Ratio Lower Upper

91 100

106 34.1 24.9 37.3

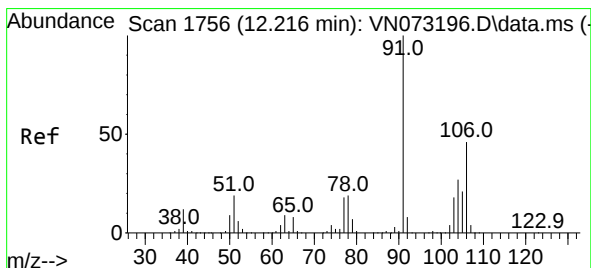
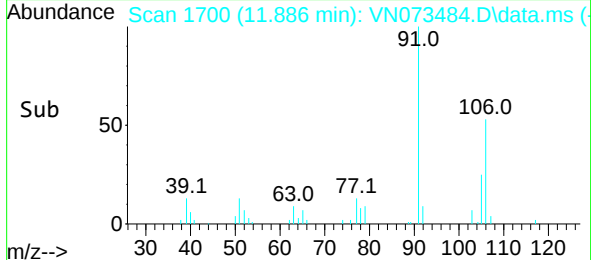
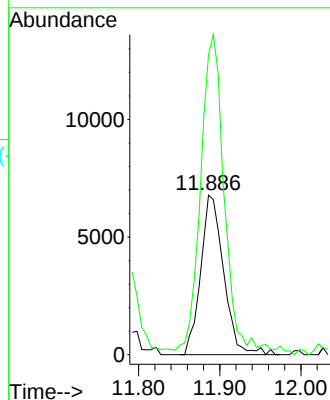
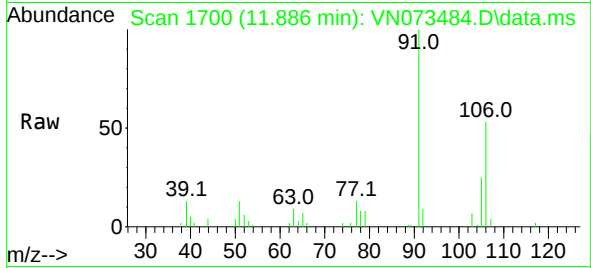




#68
m/p-Xylenes
Concen: 1.921 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073484.D
Acq: 15 Jul 2022 14:33

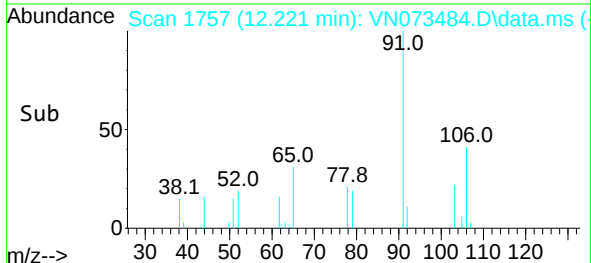
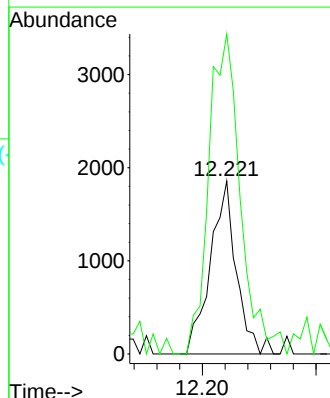
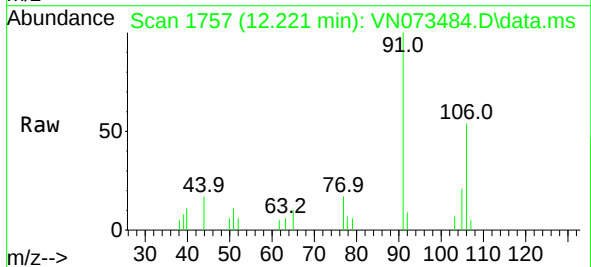
Instrument :
MSVOA_N
ClientSampleId :
IBLK

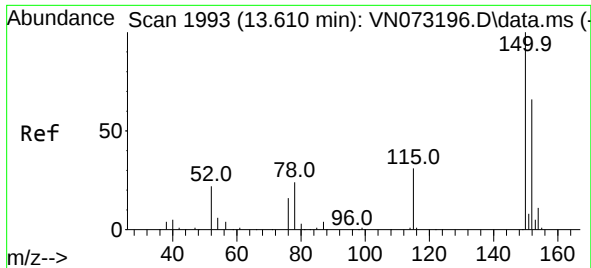
Tgt Ion:106 Resp: 13327
Ion Ratio Lower Upper
106 100
91 199.6 158.9 238.3



#69
o-Xylene
Concen: 0.417 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.005 min
Lab File: VN073484.D
Acq: 15 Jul 2022 14:33

Tgt Ion:106 Resp: 2956
Ion Ratio Lower Upper
106 100
91 224.4 106.0 318.0

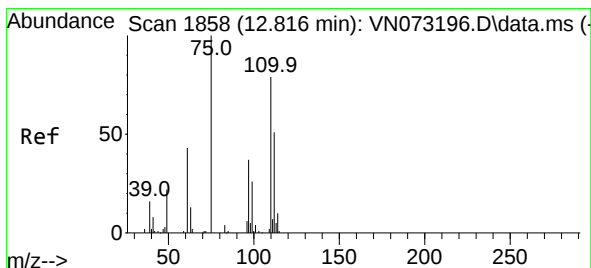
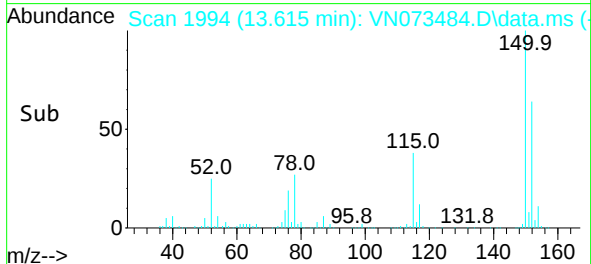
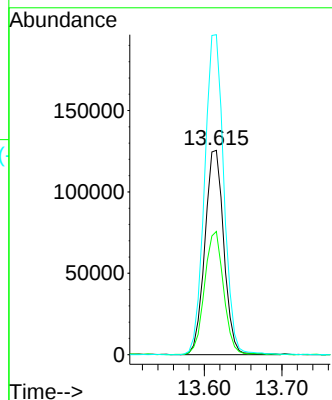
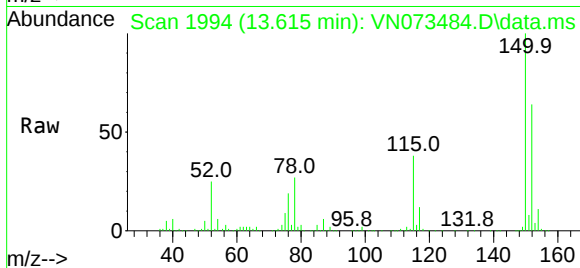




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1993
 Delta R.T. 0.005 min
 Lab File: VN073484.D
 Acq: 15 Jul 2022 14:33

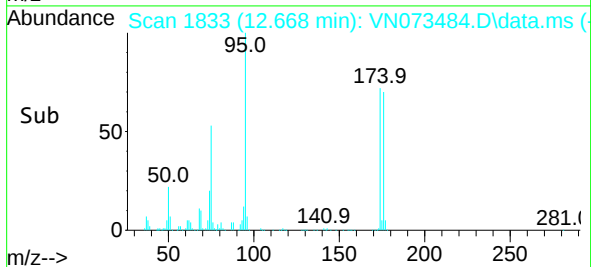
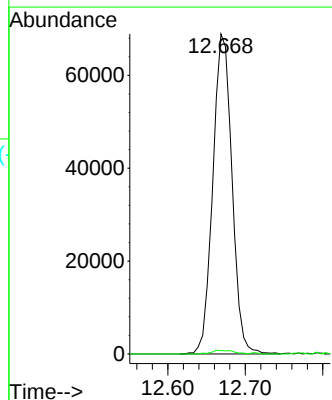
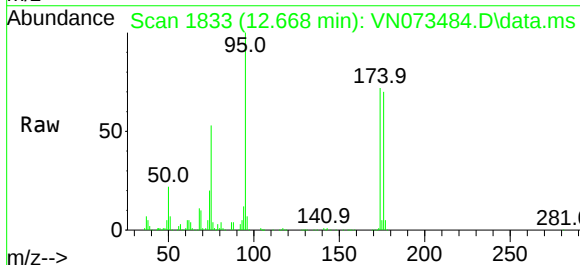
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

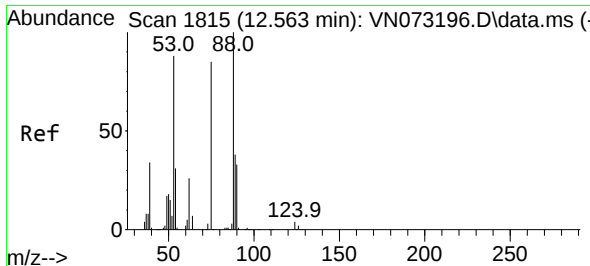
Tgt Ion:152 Resp: 213493
 Ion Ratio Lower Upper
 152 100
 115 60.9 28.9 86.7
 150 159.4 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.200 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.148 min
 Lab File: VN073484.D
 Acq: 15 Jul 2022 14:33

Tgt Ion: 75 Resp: 118346
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#

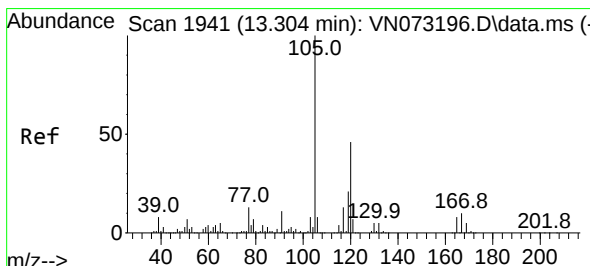
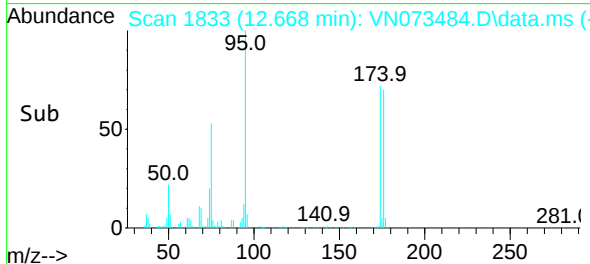
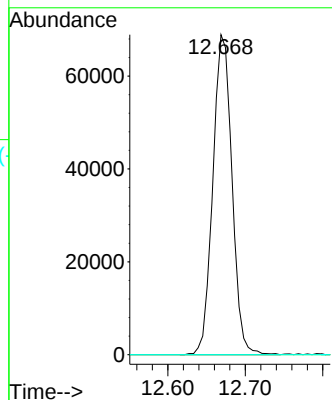
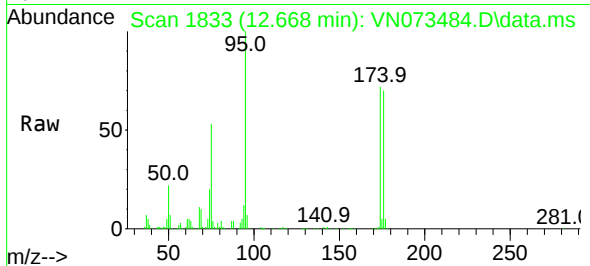




#81
trans-1,4-Dichloro-2-butene
Concen: 58.140 ug/l
RT: 12.668 min Scan# 1815
Delta R.T. 0.105 min
Lab File: VN073484.D
Acq: 15 Jul 2022 14:33

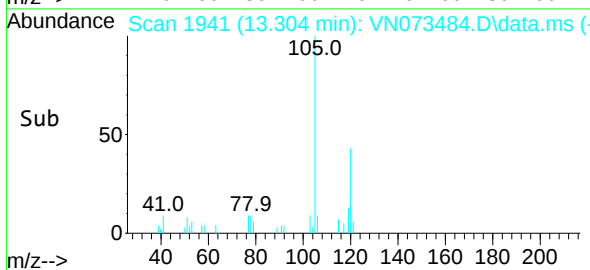
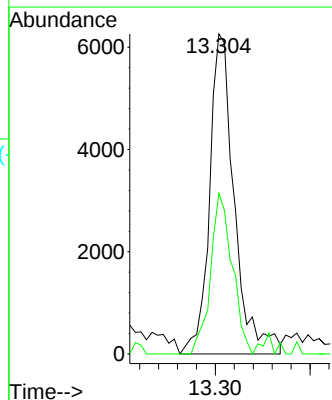
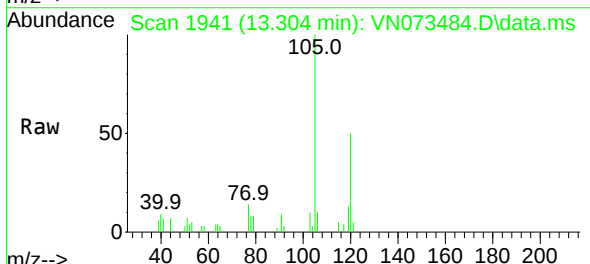
Instrument :
MSVOA_N
ClientSampleId :
IBLK

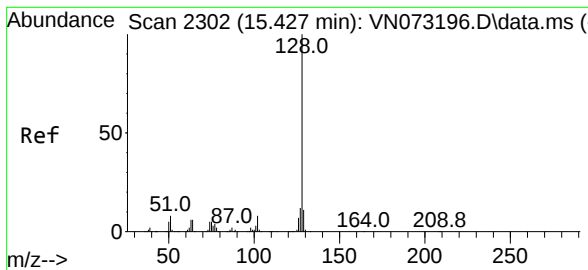
Tgt Ion: 75 Resp: 118346
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.758 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073484.D
Acq: 15 Jul 2022 14:33

Tgt Ion: 105 Resp: 11370
Ion Ratio Lower Upper
105 100
120 43.9 23.3 69.8





#95
Naphthalene
Concen: 3.641 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073484.D
Acq: 15 Jul 2022 14:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	59909
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.3	15.5
129	10.3	8.6	13.0

