

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071922\
 Data File : VN073521.D
 Acq On : 19 Jul 2022 21:33
 Operator : JC\MD
 Sample : BLK12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 20 06:25:48 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)

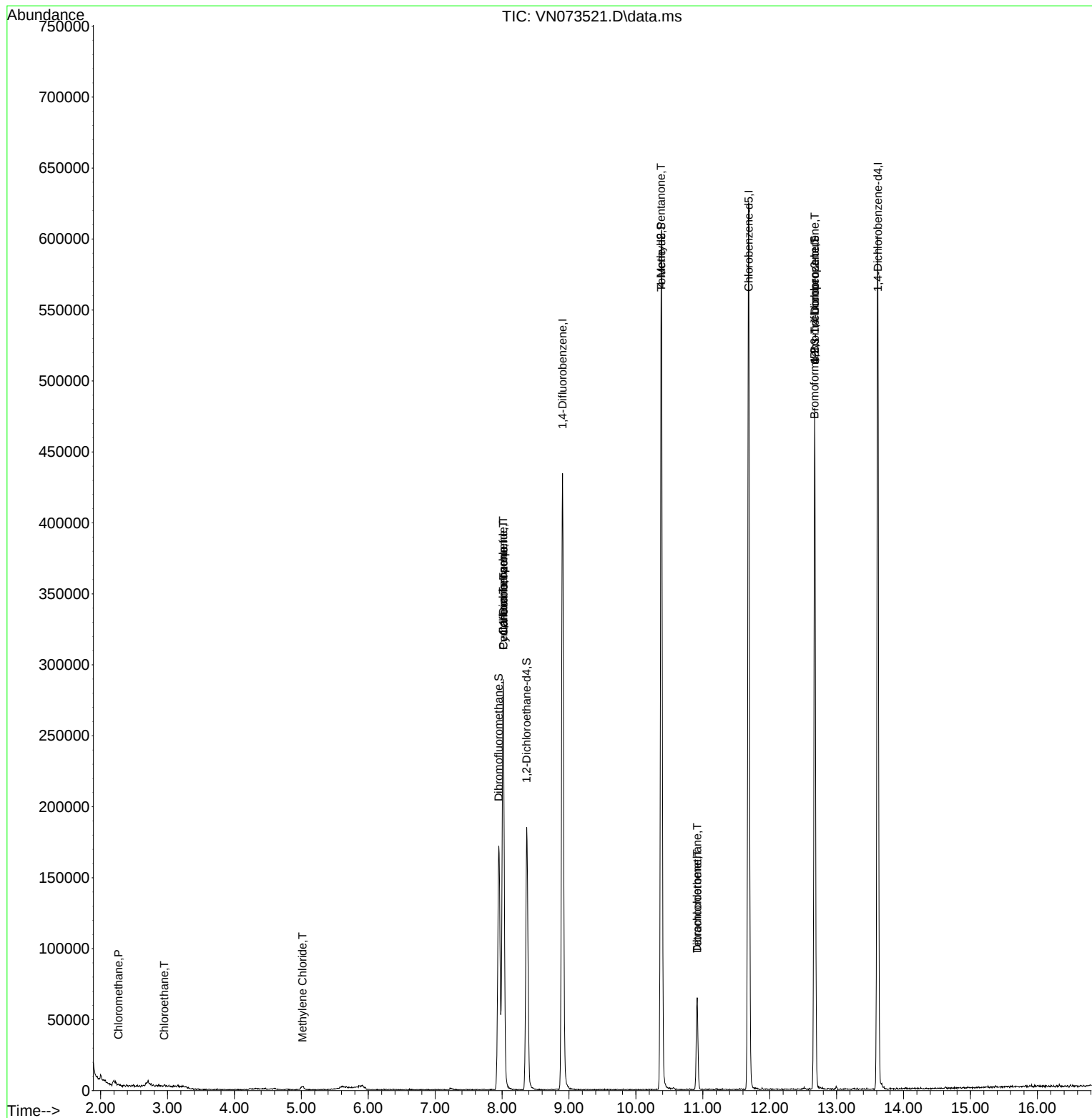
Internal Standards						
1) Pentafluorobenzene	8.022	168	211162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	368906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	351659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	159275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	151170	49.591	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.180%		
35) Dibromofluoromethane	7.951	113	129198	52.640	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.280%		
50) Toluene-d8	10.380	98	399467	45.825	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.660%		
62) 4-Bromofluorobenzene	12.674	95	160445	47.895	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.780%		
Target Compounds						Qvalue
3) Chloromethane	2.269	50	616	0.206	ug/l #	43
6) Chloroethane	2.952	64	641	0.428	ug/l #	42
20) Methylene Chloride	5.016	84	1933	0.643	ug/l #	88
31) Cyclohexane	8.022	56	4930	0.987	ug/l #	34
36) 1,1-Dichloropropene	8.016	75	19487	5.160	ug/l #	44
38) Carbon Tetrachloride	8.016	117	22613	5.790	ug/l #	17
51) 4-Methyl-2-Pentanone	10.375	43	2059	0.396	ug/l #	1
60) Dibromochloromethane	10.916	129	13412	4.744	ug/l #	11
64) Tetrachloroethene	10.916	164	14417	5.021	ug/l	96
71) Bromoform	12.669	173	1235	0.577	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	85018	20.414	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	85018	55.984	ug/l #	11

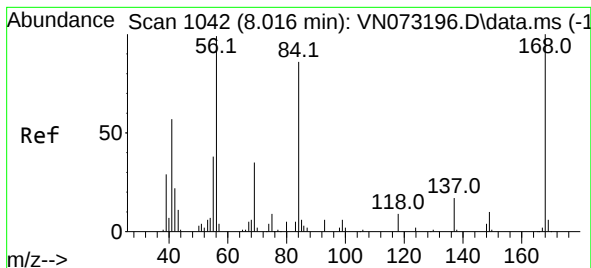
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071922\
Data File : VN073521.D
Acq On : 19 Jul 2022 21:33
Operator : JC\MD
Sample : BLK12
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Jul 20 06:25:48 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

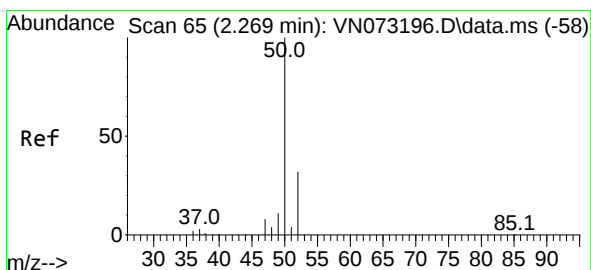
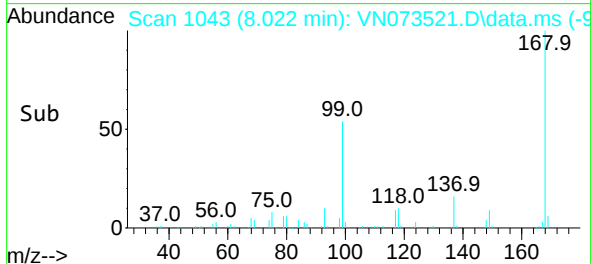
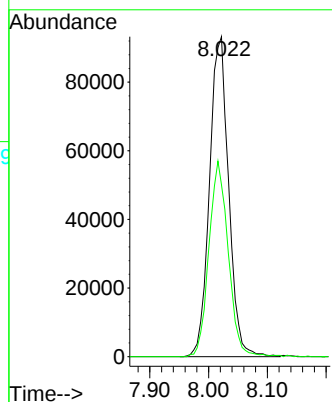
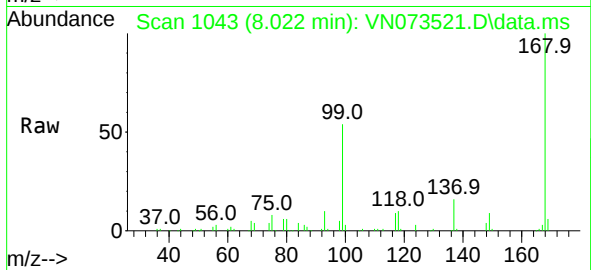




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN073521.D
Acq: 19 Jul 2022 21:33

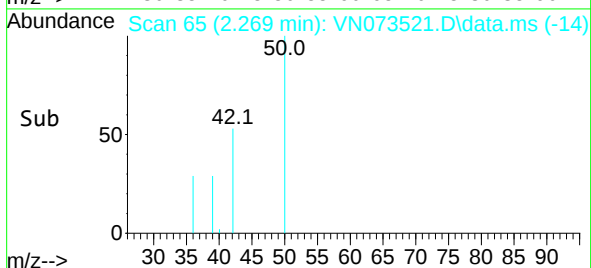
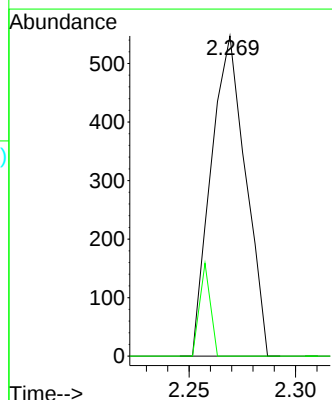
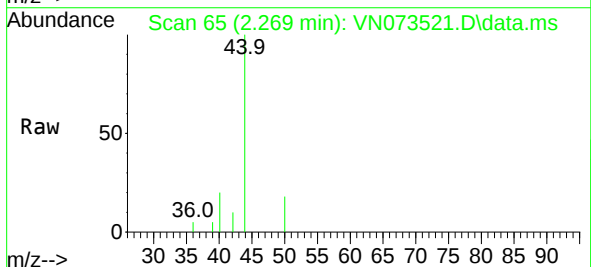
Instrument :
MSVOA_N
ClientSampleId :
IBLK

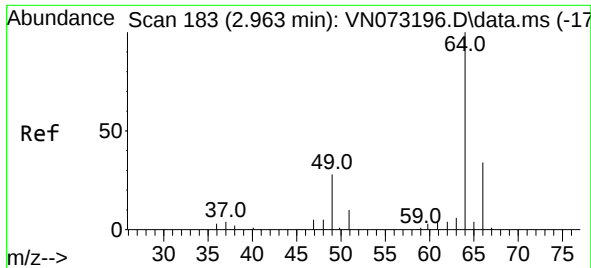
Tgt Ion:168 Resp: 211162
Ion Ratio Lower Upper
168 100
99 53.7 42.3 63.5



#3
Chloromethane
Concen: 0.206 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073521.D
Acq: 19 Jul 2022 21:33

Tgt Ion: 50 Resp: 616
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

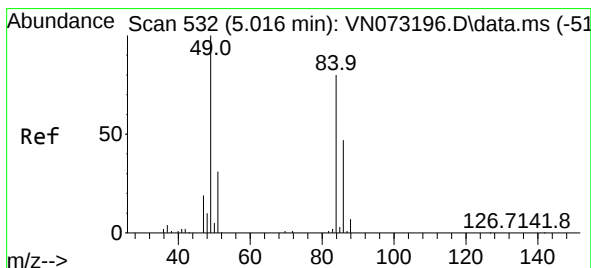
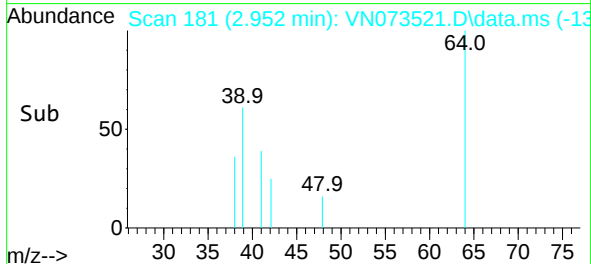
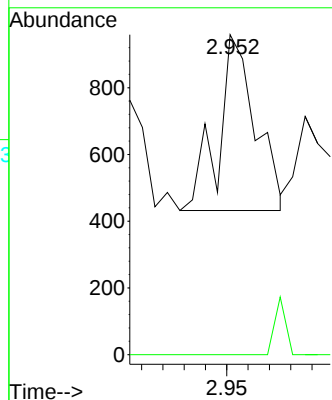
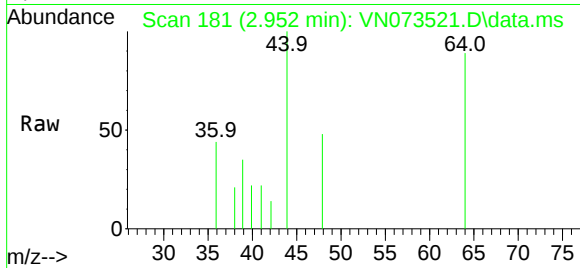




#6
Chloroethane
Concen: 0.428 ug/l
RT: 2.952 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN073521.D
Acq: 19 Jul 2022 21:33

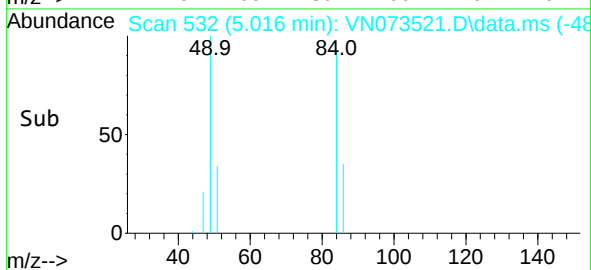
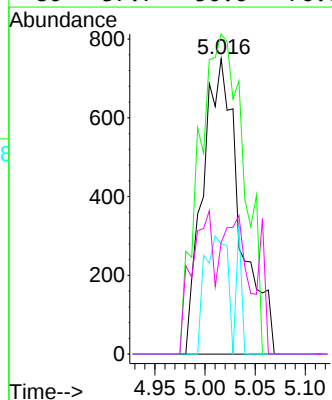
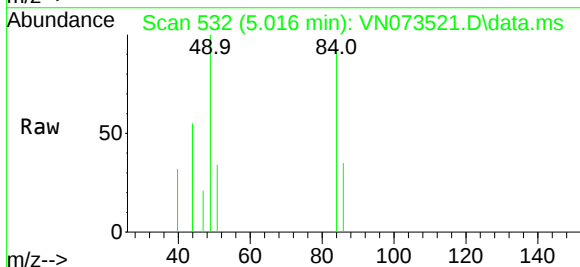
Instrument :
MSVOA_N
ClientSampleId :
IBLK

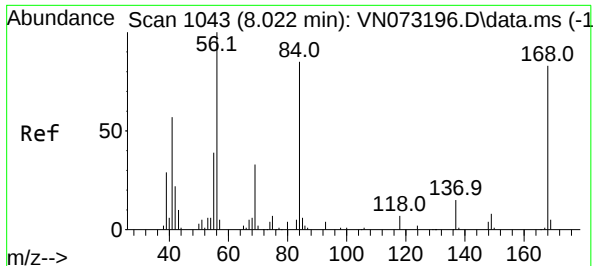
Tgt Ion: 64 Resp: 641
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#20
Methylene Chloride
Concen: 0.643 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073521.D
Acq: 19 Jul 2022 21:33

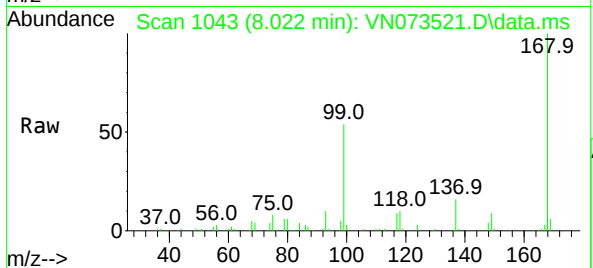
Tgt Ion: 84 Resp: 1933
Ion Ratio Lower Upper
84 100
49 108.4 88.3 132.5
51 37.3 28.2 42.2
86 37.7 50.6 76.0#



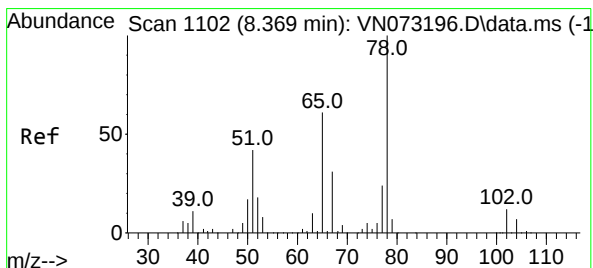
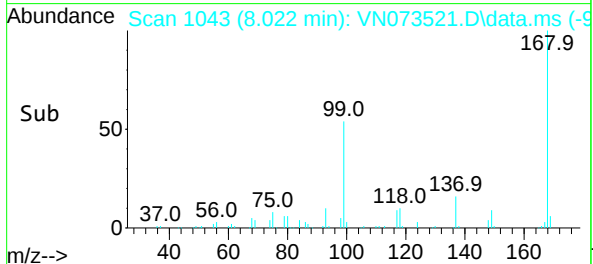
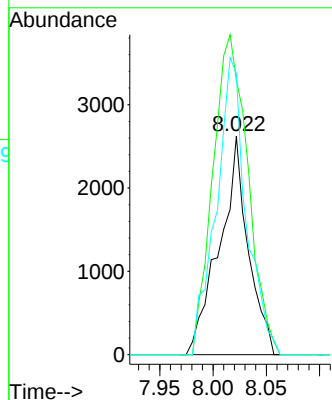


#31
Cyclohexane
Concen: 0.987 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073521.D
Acq: 19 Jul 2022 21:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

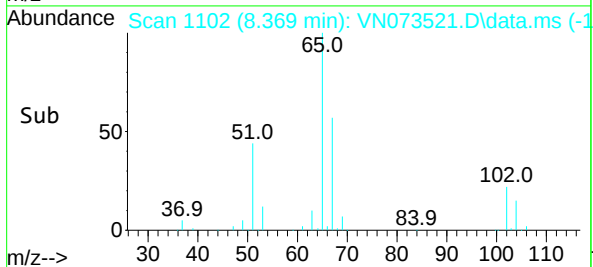
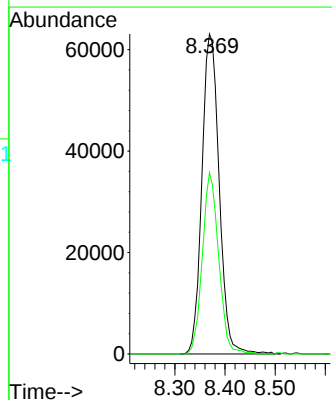
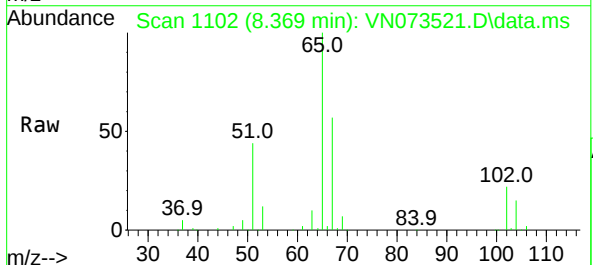


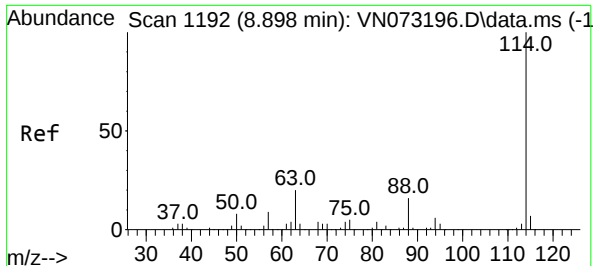
Tgt Ion: 56 Resp: 4930
Ion Ratio Lower Upper
56 100
69 125.6 27.8 41.8#
84 128.7 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 49.591 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073521.D
Acq: 19 Jul 2022 21:33

Tgt Ion: 65 Resp: 151170
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073521.D

Acq: 19 Jul 2022 21:33

Instrument :

MSVOA_N

ClientSampleId :

IBLK

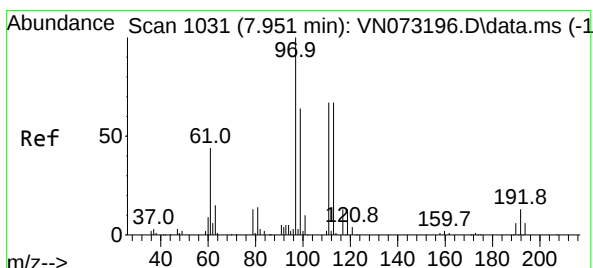
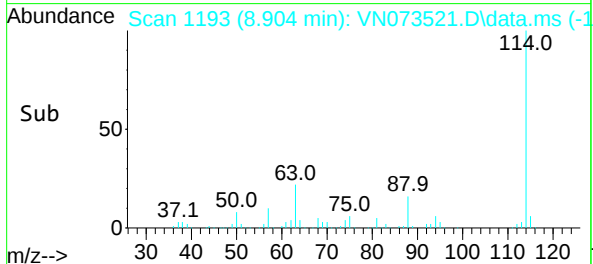
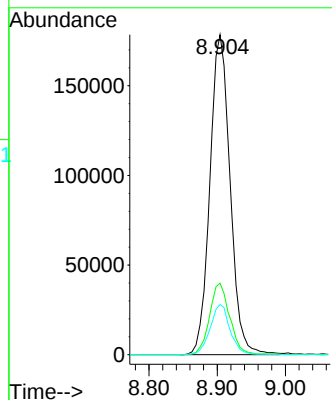
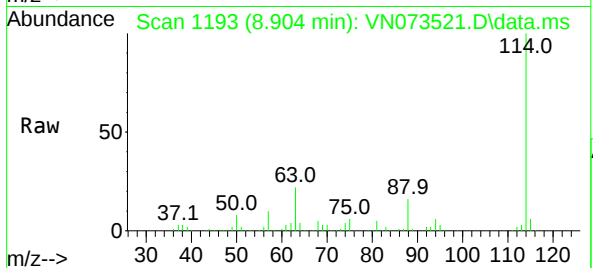
Tgt Ion:114 Resp: 368906

Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.0

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.640 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073521.D

Acq: 19 Jul 2022 21:33

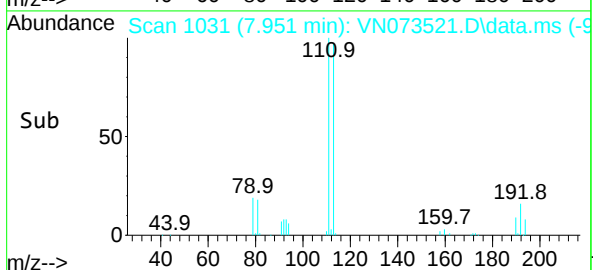
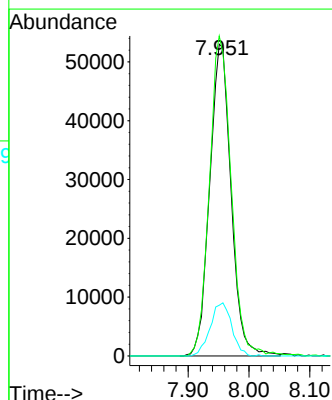
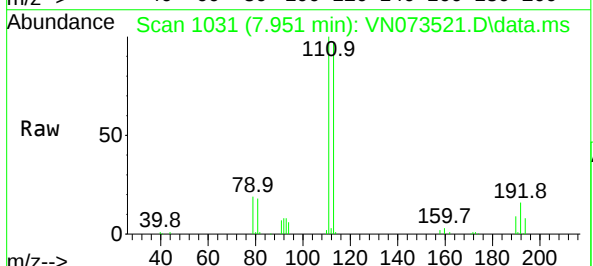
Tgt Ion:113 Resp: 129198

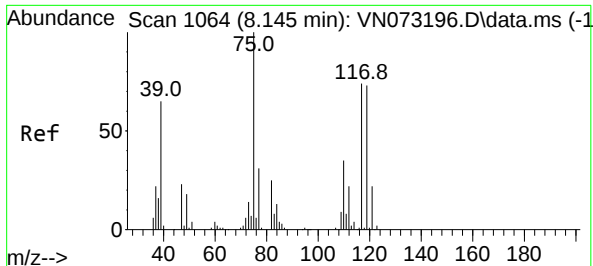
Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 17.2 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.160 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073521.D

Acq: 19 Jul 2022 21:33

Instrument :

MSVOA_N

ClientSampleId :

IBLK

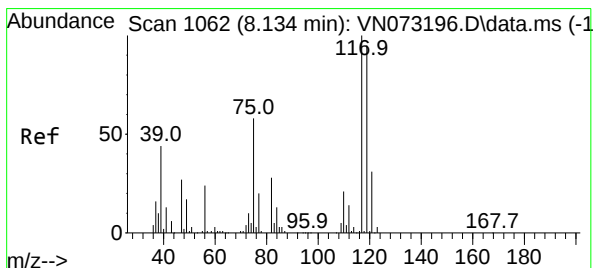
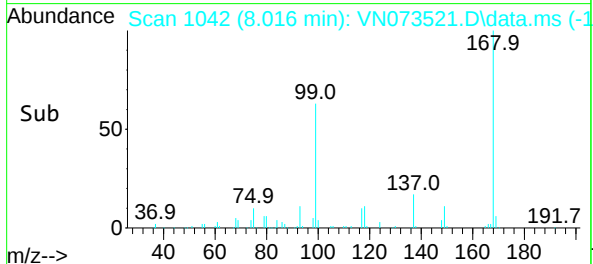
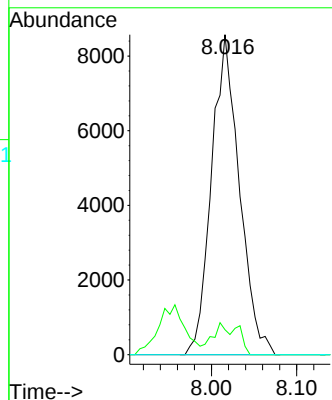
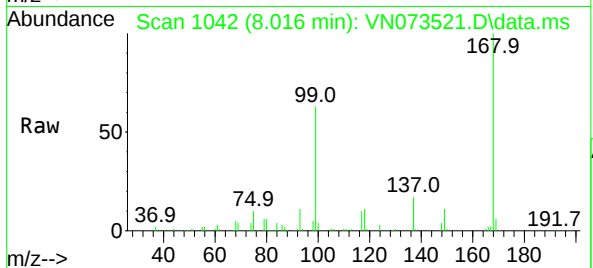
Tgt Ion: 75 Resp: 19487

Ion Ratio Lower Upper

75 100

110 3.5 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.790 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073521.D

Acq: 19 Jul 2022 21:33

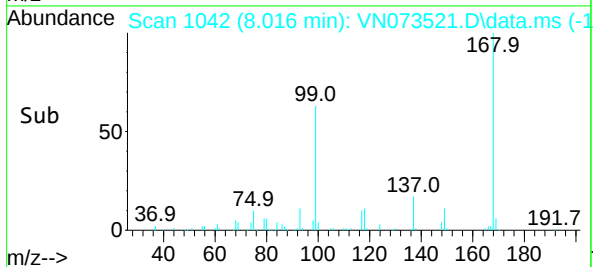
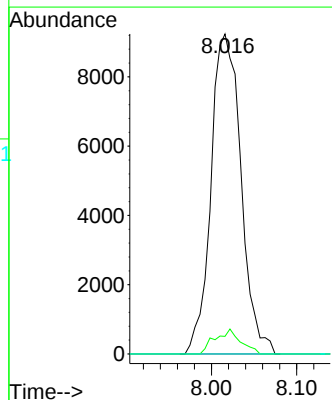
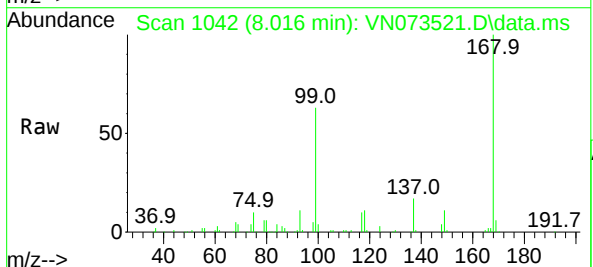
Tgt Ion: 117 Resp: 22613

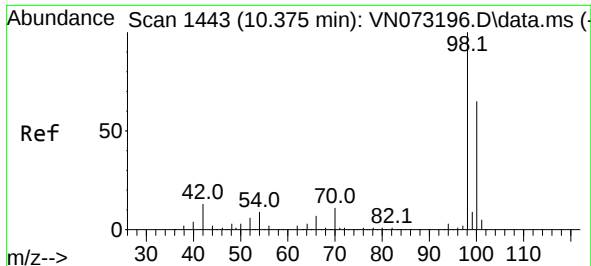
Ion Ratio Lower Upper

117 100

119 5.5 75.8 113.8#

121 0.0 24.6 37.0#

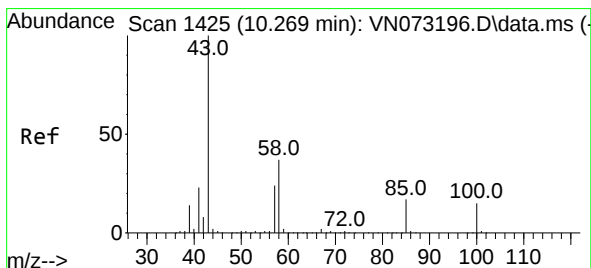
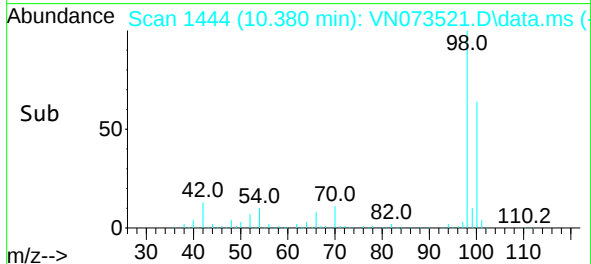
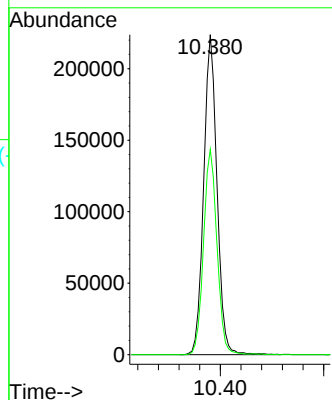
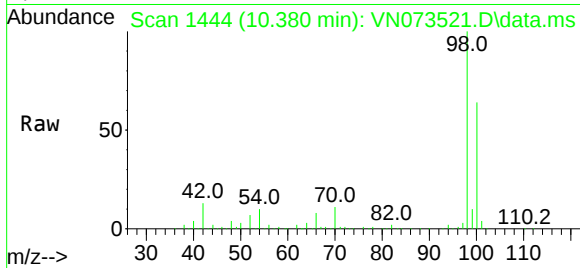




#50
Toluene-d8
Concen: 45.825 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073521.D
Acq: 19 Jul 2022 21:33

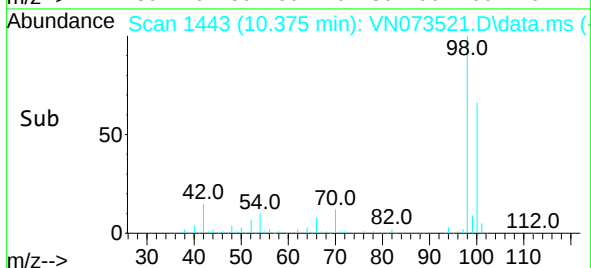
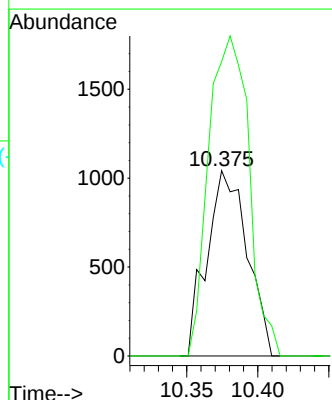
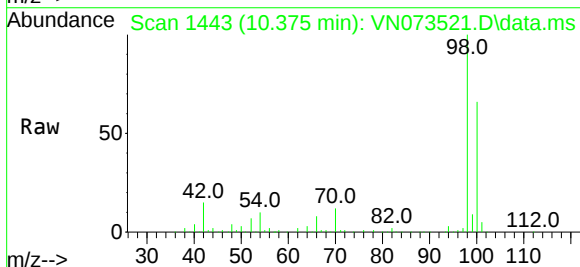
Instrument :
MSVOA_N
ClientSampleId :
IBLK

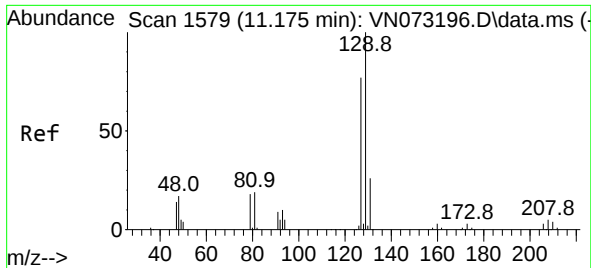
Tgt Ion: 98 Resp: 399467
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.396 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.106 min
Lab File: VN073521.D
Acq: 19 Jul 2022 21:33

Tgt Ion: 43 Resp: 2059
Ion Ratio Lower Upper
43 100
58 172.5 34.1 51.1#

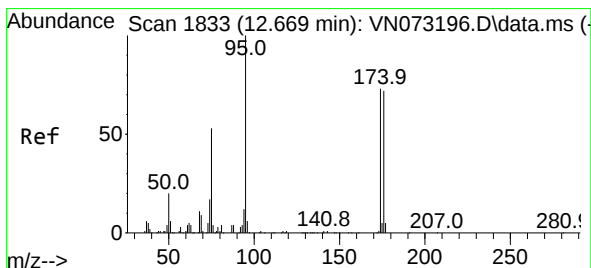
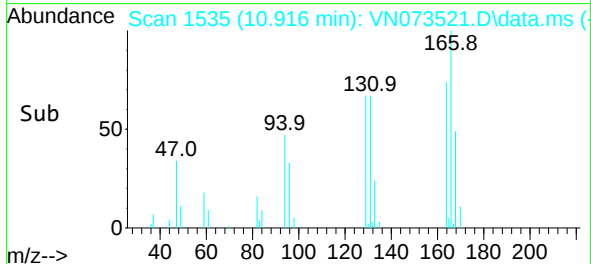
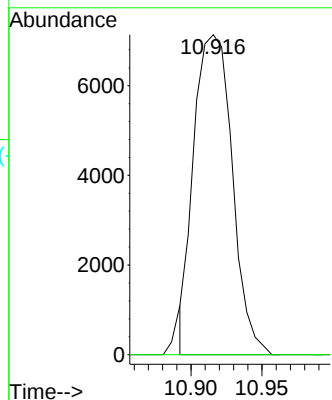
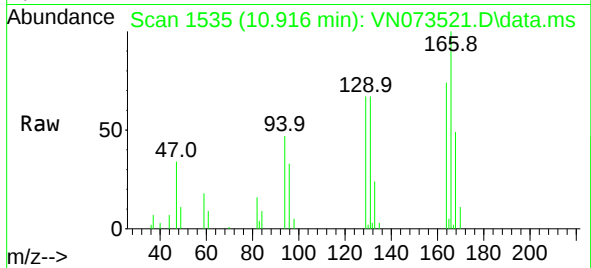




#60
Dibromochloromethane
Concen: 4.744 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN073521.D
Acq: 19 Jul 2022 21:33

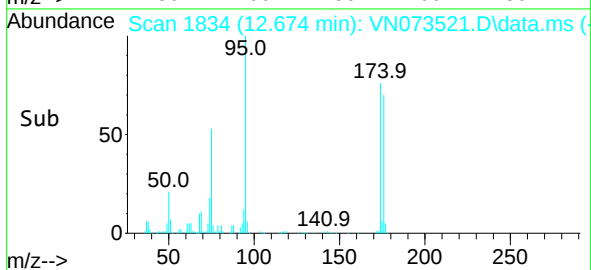
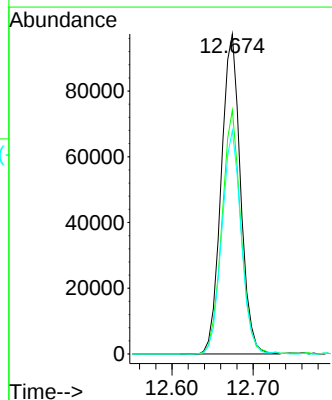
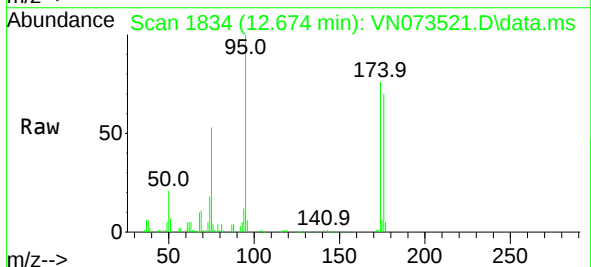
Instrument :
MSVOA_N
ClientSampleId :
IBLK

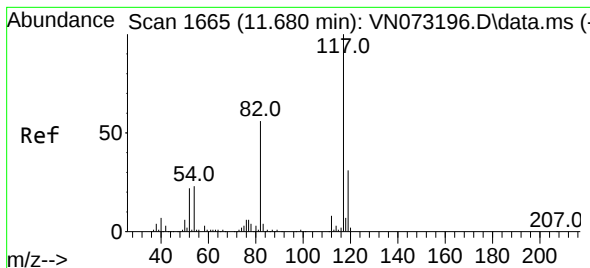
Tgt Ion:129 Resp: 13412
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 47.895 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073521.D
Acq: 19 Jul 2022 21:33

Tgt Ion: 95 Resp: 160445
Ion Ratio Lower Upper
95 100
174 75.2 0.0 167.6
176 70.1 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: VN073521.D

Acq: 19 Jul 2022 21:33

Instrument :

MSVOA_N

ClientSampleId :

IBLK

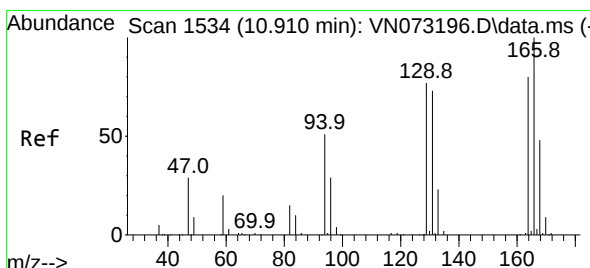
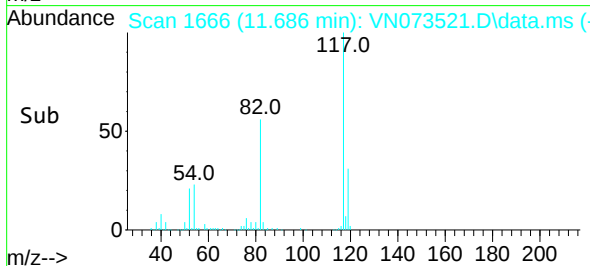
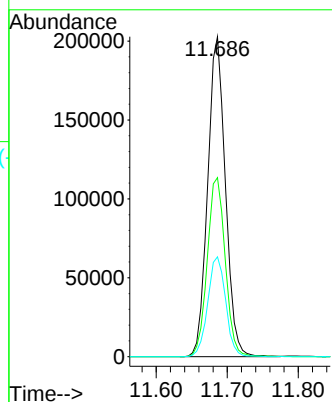
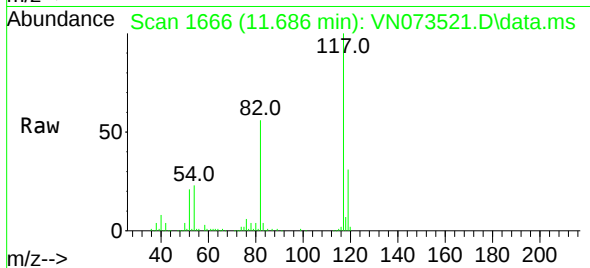
Tgt Ion:117 Resp: 351659

Ion Ratio Lower Upper

117 100

82 56.0 44.2 66.2

119 31.2 25.4 38.0



#64

Tetrachloroethene

Concen: 5.021 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. 0.006 min

Lab File: VN073521.D

Acq: 19 Jul 2022 21:33

Tgt Ion:164 Resp: 14417

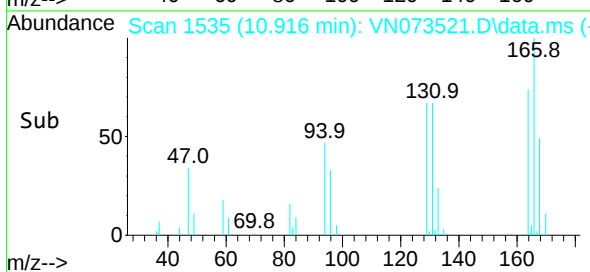
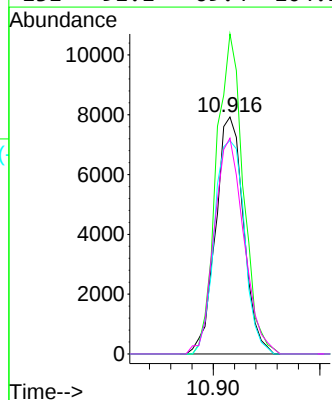
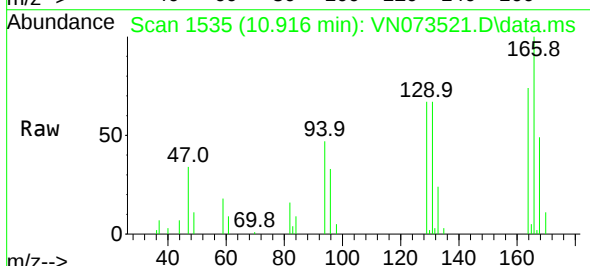
Ion Ratio Lower Upper

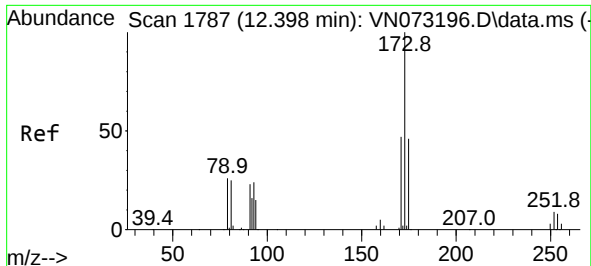
164 100

166 135.1 104.2 156.2

129 90.1 73.9 110.9

131 91.1 69.4 104.2

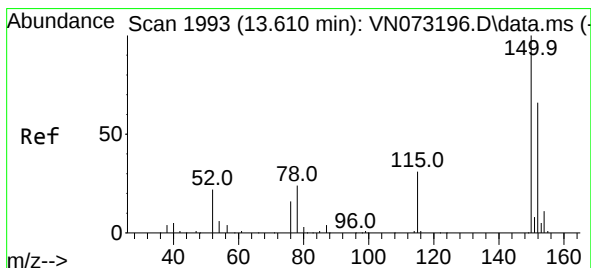
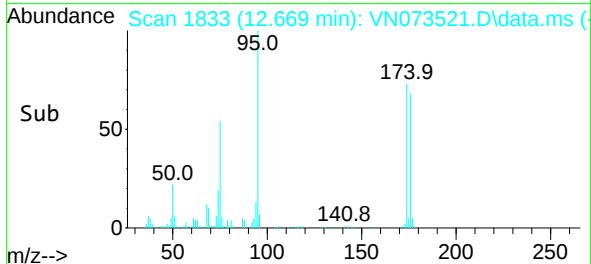
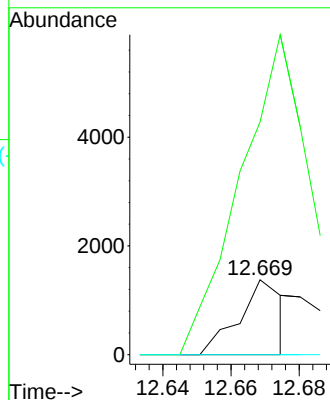
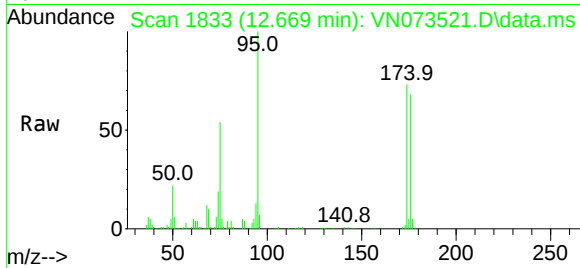




#71
Bromoform
Concen: 0.577 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073521.D
Acq: 19 Jul 2022 21:33

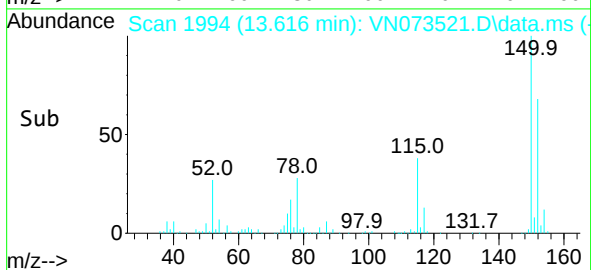
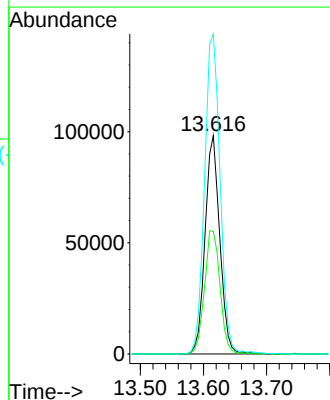
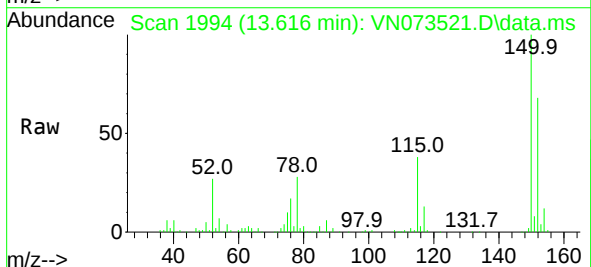
Instrument :
MSVOA_N
ClientSampleId :
IBLK

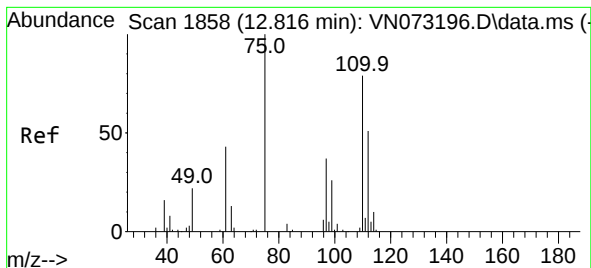
Tgt Ion:173 Resp: 1235
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073521.D
Acq: 19 Jul 2022 21:33

Tgt Ion:152 Resp: 159275
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.7
150 154.6 0.0 356.2





#76

1,2,3-Trichloropropane

Concen: 20.414 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. -0.142 min

Lab File: VN073521.D

Acq: 19 Jul 2022 21:33

Instrument :

MSVOA_N

ClientSampleId :

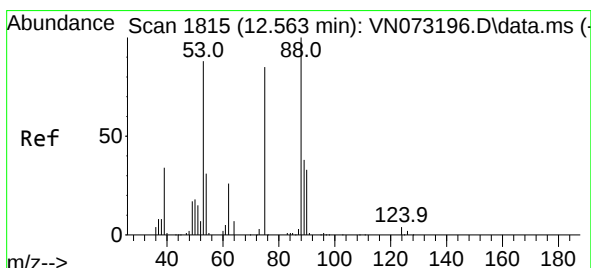
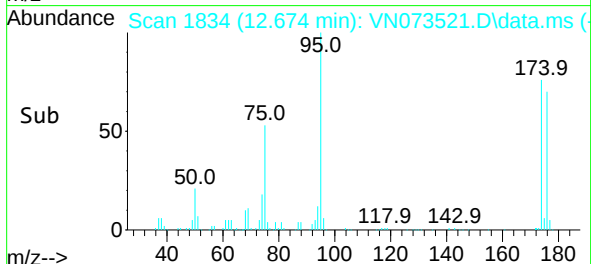
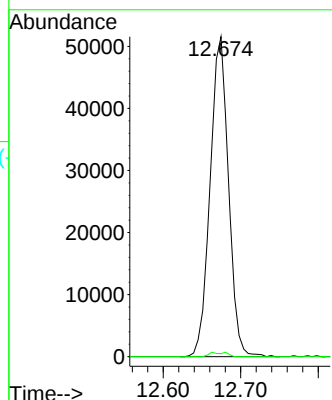
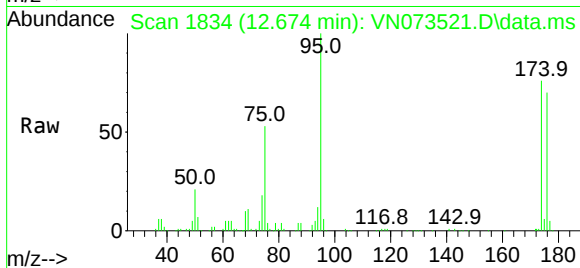
IBLK

Tgt Ion: 75 Resp: 85018

Ion Ratio Lower Upper

75 100

77 1.2 98.5 295.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.984 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. 0.111 min

Lab File: VN073521.D

Acq: 19 Jul 2022 21:33

Tgt Ion: 75 Resp: 85018

Ion Ratio Lower Upper

75 100

53 0.2 78.0 117.0#

89 0.0 37.2 55.8#

