

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071922\
 Data File : VN073519.D
 Acq On : 19 Jul 2022 16:29
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 20 06:25:32 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)

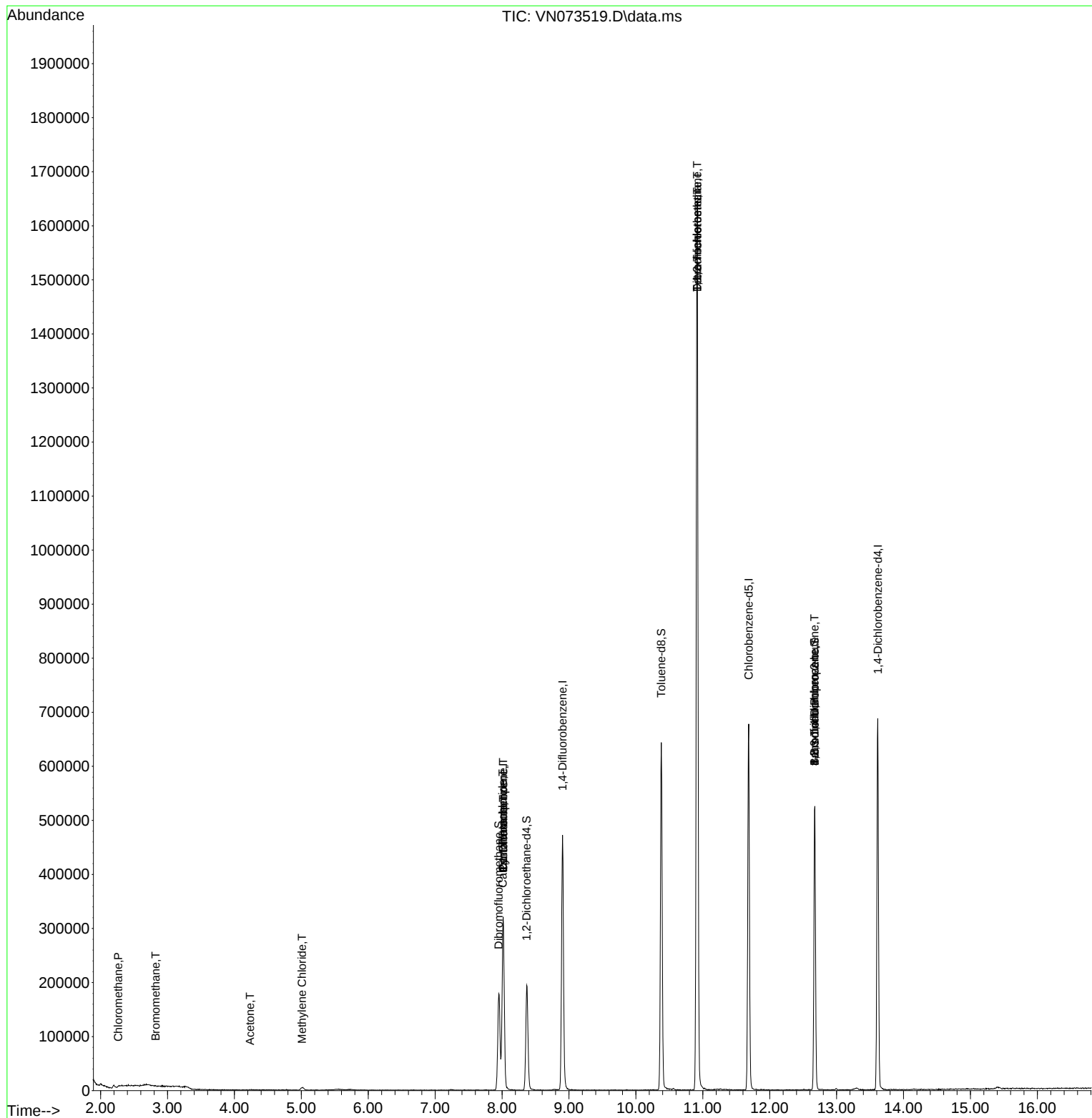
Internal Standards						
1) Pentafluorobenzene	8.016	168	234987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	400896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	382814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	180620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	160890	47.428	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.860%
35) Dibromofluoromethane	7.951	113	134035	50.253	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.500%
50) Toluene-d8	10.380	98	438733	46.314	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.620%
62) 4-Bromofluorobenzene	12.668	95	183332	50.360	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.720%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	717	0.215	ug/l #	43
5) Bromomethane	2.822	94	494	0.369	ug/l #	76
16) Acetone	4.234	43	1039	0.546	ug/l #	42
20) Methylene Chloride	5.010	84	3871	1.157	ug/l #	86
31) Cyclohexane	8.016	56	5794	1.043	ug/l #	57
36) 1,1-Dichloropropene	8.016	75	20045	4.884	ug/l #	49
38) Carbon Tetrachloride	8.010	117	25203	5.938	ug/l #	16
55) 1,1,2-Trichloroethane	10.916	97	3507	1.088	ug/l #	1
60) Dibromochloromethane	10.916	129	347037	112.956	ug/l #	11
64) Tetrachloroethene	10.916	164	369041	118.057	ug/l	95
71) Bromoform	12.668	173	1626	0.698	ug/l #	28
76) 1,2,3-Trichloropropane	12.668	75	94658	20.043	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	94658	54.966	ug/l #	10

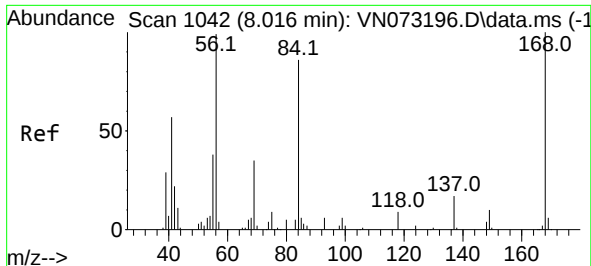
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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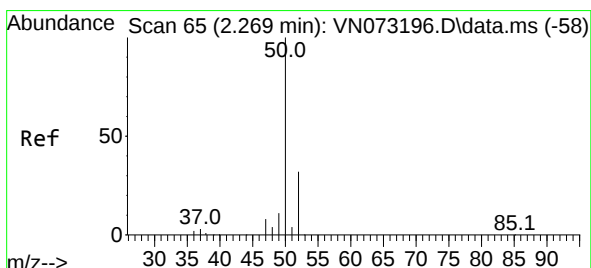
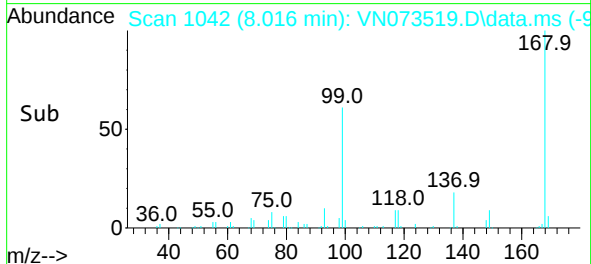
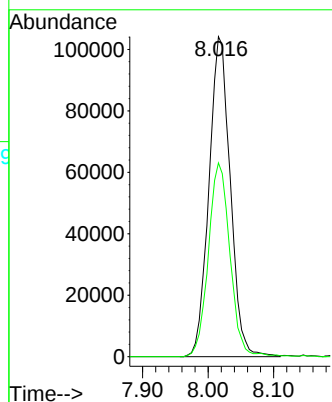
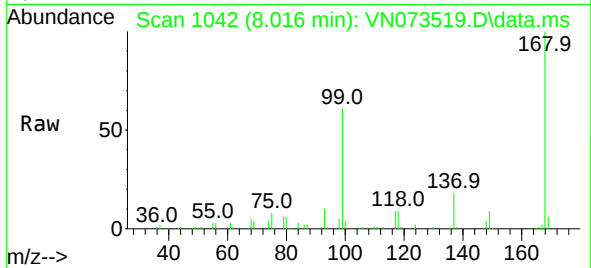




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073519.D
Acq: 19 Jul 2022 16:29

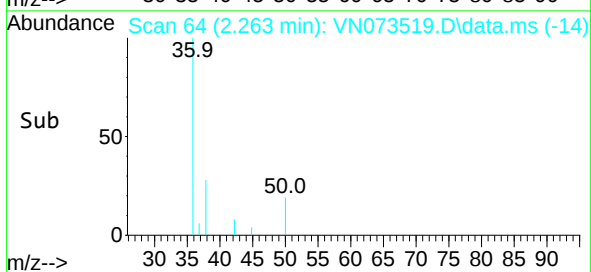
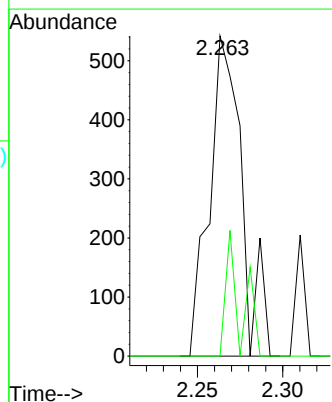
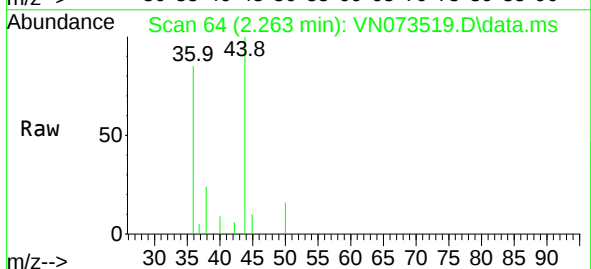
Instrument :
MSVOA_N
ClientSampleId :
IBLK

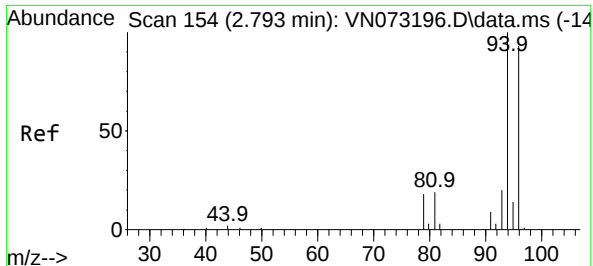
Tgt Ion:168 Resp: 234987
Ion Ratio Lower Upper
168 100
99 60.5 42.3 63.5



#3
Chloromethane
Concen: 0.215 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073519.D
Acq: 19 Jul 2022 16:29

Tgt Ion: 50 Resp: 717
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

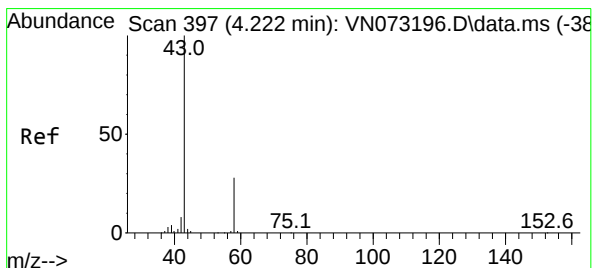
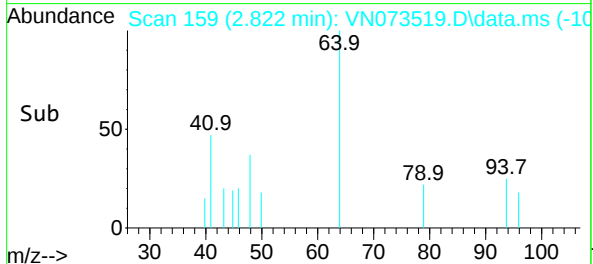
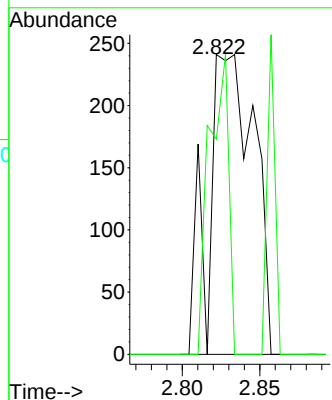
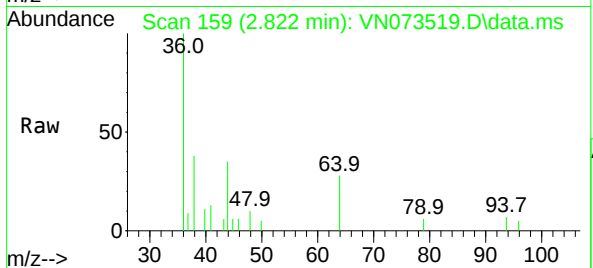




#5
Bromomethane
Concen: 0.369 ug/l
RT: 2.822 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN073519.D
Acq: 19 Jul 2022 16:29

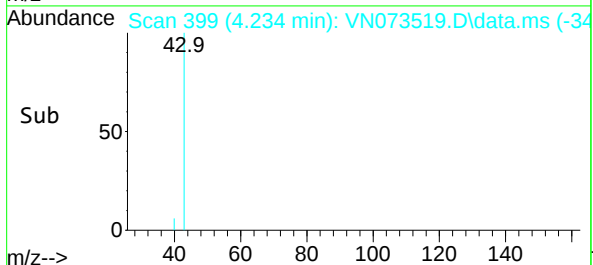
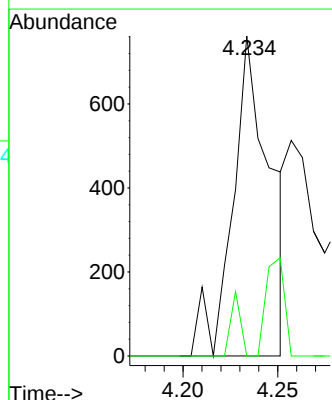
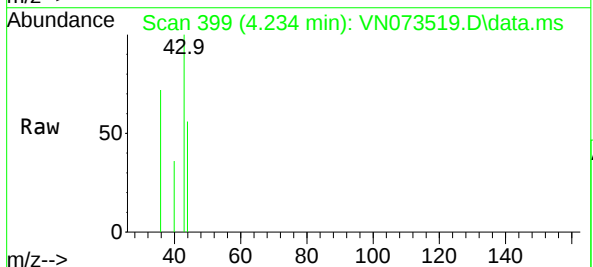
Instrument :
MSVOA_N
ClientSampleId :
IBLK

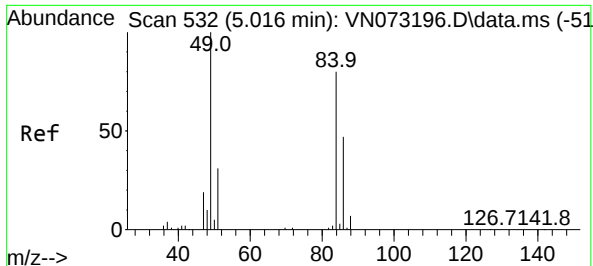
Tgt Ion: 94 Resp: 494
Ion Ratio Lower Upper
94 100
96 71.8 76.0 114.0#



#16
Acetone
Concen: 0.546 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073519.D
Acq: 19 Jul 2022 16:29

Tgt Ion: 43 Resp: 1039
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

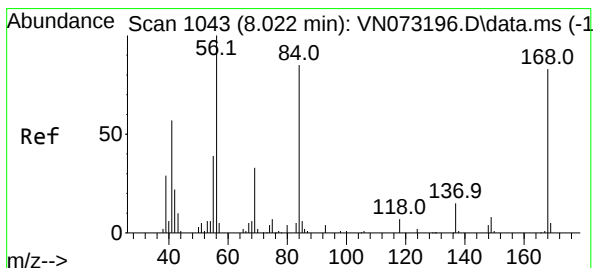
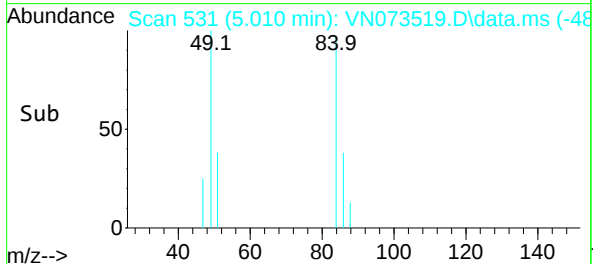
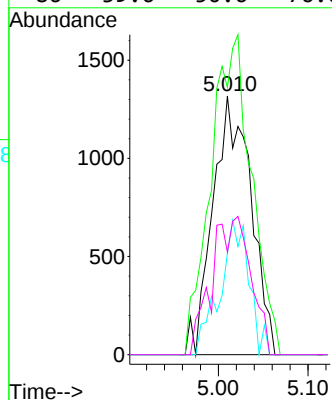
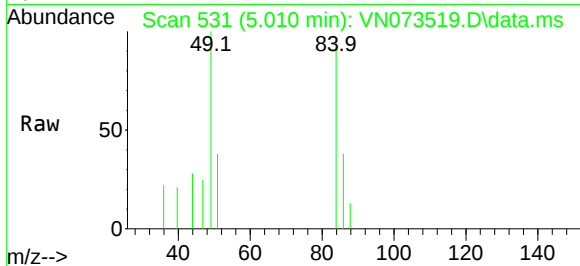




#20
Methylene Chloride
Concen: 1.157 ug/l
RT: 5.010 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN073519.D
Acq: 19 Jul 2022 16:29

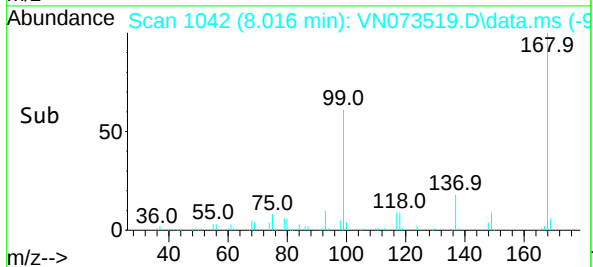
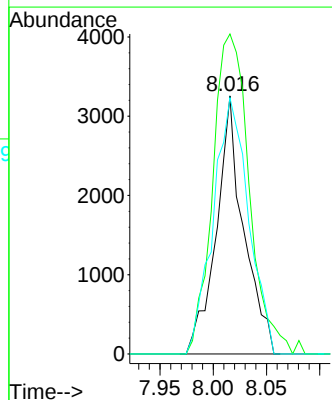
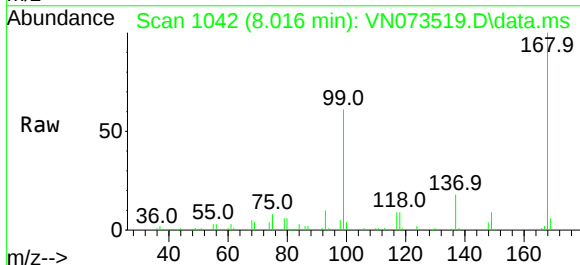
Instrument :
MSVOA_N
ClientSampleId :
IBLK

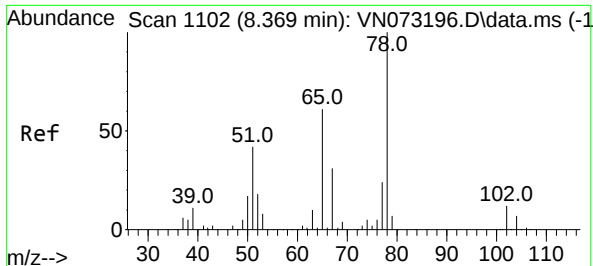
Tgt Ion:	84	Resp:	3871
Ion	Ratio	Lower	Upper
84	100		
49	103.3	88.3	132.5
51	39.2	28.2	42.2
86	39.6	50.6	76.0



#31
Cyclohexane
Concen: 1.043 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073519.D
Acq: 19 Jul 2022 16:29

Tgt Ion:	56	Resp:	5794
Ion	Ratio	Lower	Upper
56	100		
69	124.0	27.8	41.8
84	99.3	76.9	115.3

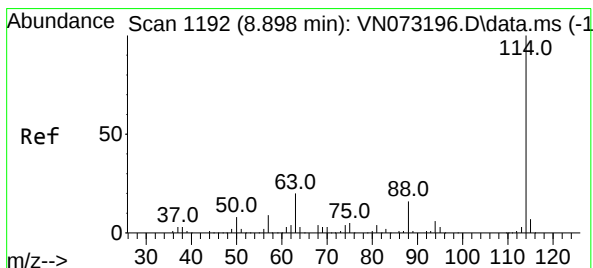
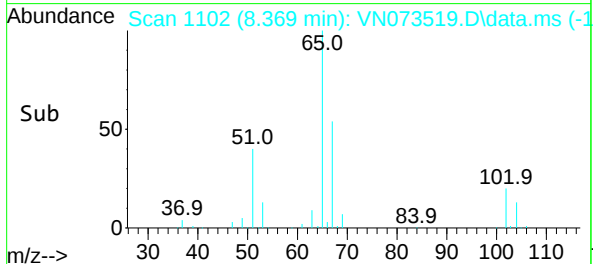
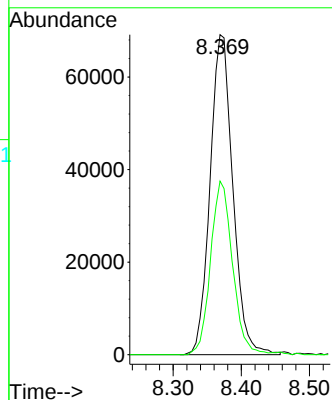
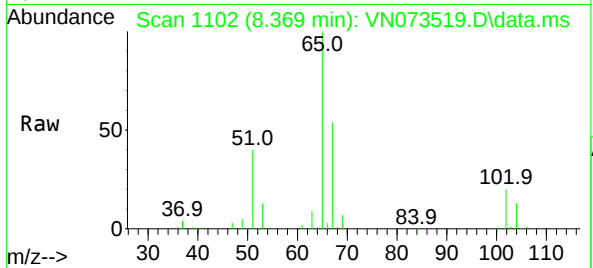




#33
1,2-Dichloroethane-d4
Concen: 47.428 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073519.D
Acq: 19 Jul 2022 16:29

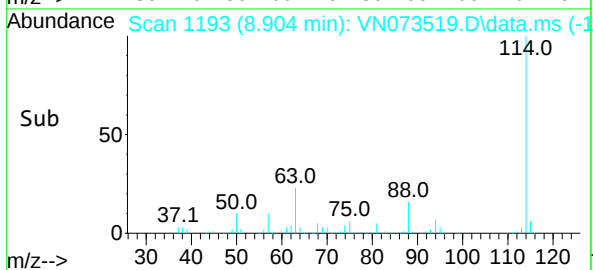
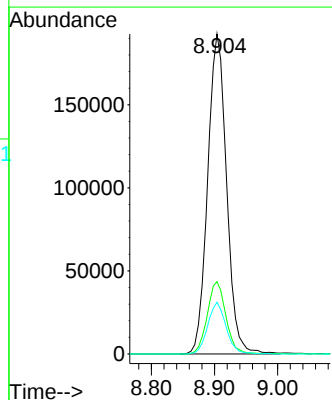
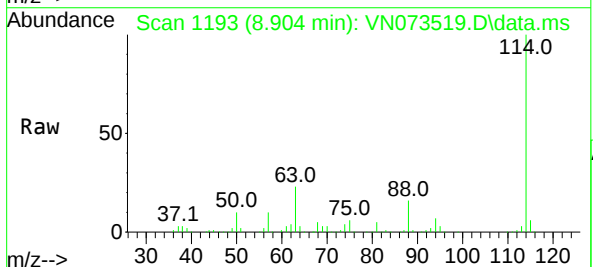
Instrument :
MSVOA_N
ClientSampleId :
IBLK

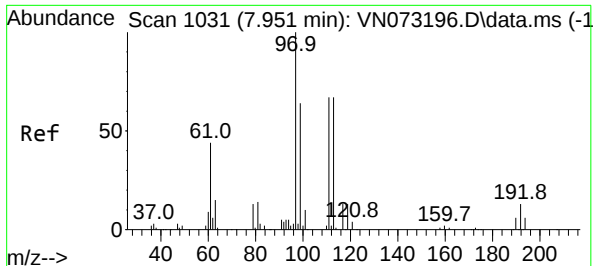
Tgt Ion: 65 Resp: 160890
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073519.D
Acq: 19 Jul 2022 16:29

Tgt Ion: 114 Resp: 400896
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.0
88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.253 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073519.D

Acq: 19 Jul 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

IBLK

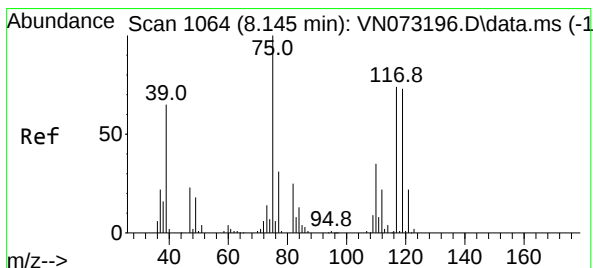
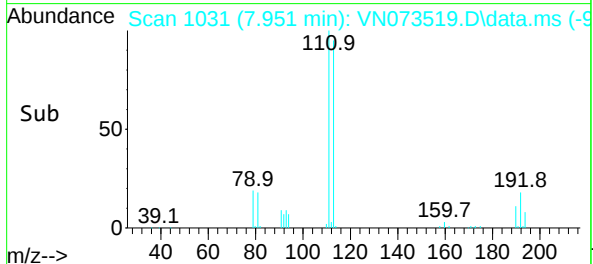
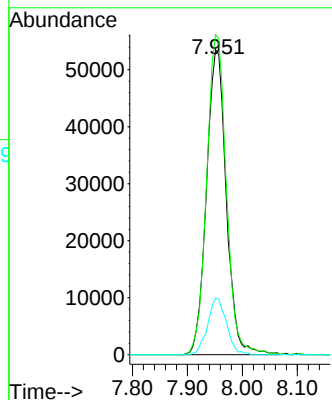
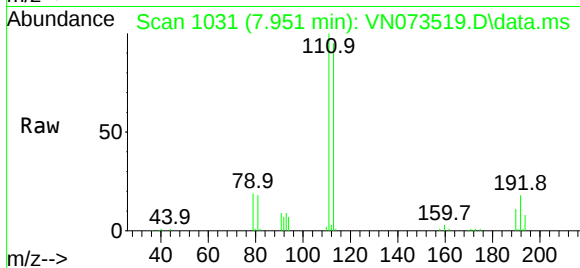
Tgt Ion:113 Resp: 134035

Ion Ratio Lower Upper

113 100

111 104.8 81.4 122.0

192 17.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.884 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073519.D

Acq: 19 Jul 2022 16:29

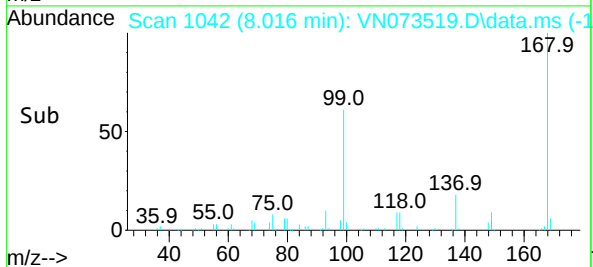
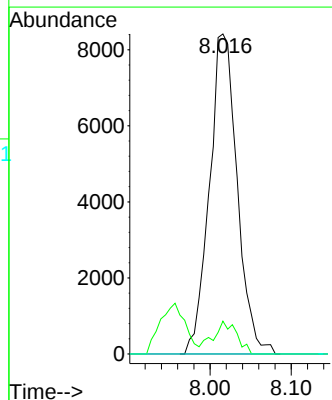
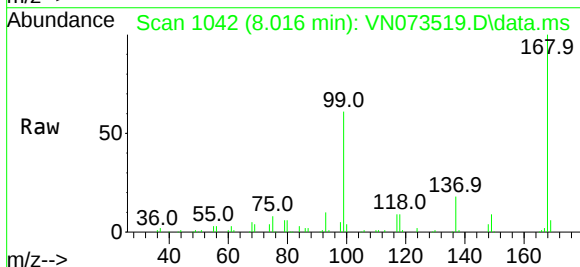
Tgt Ion: 75 Resp: 20045

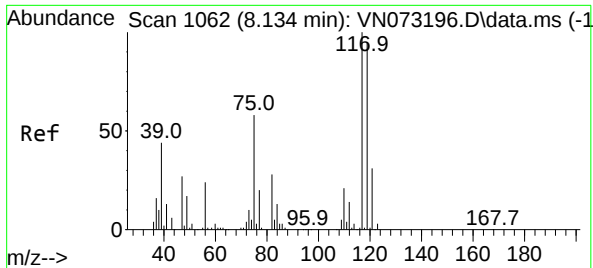
Ion Ratio Lower Upper

75 100

110 8.8 18.3 54.8#

77 0.0 25.1 37.7#

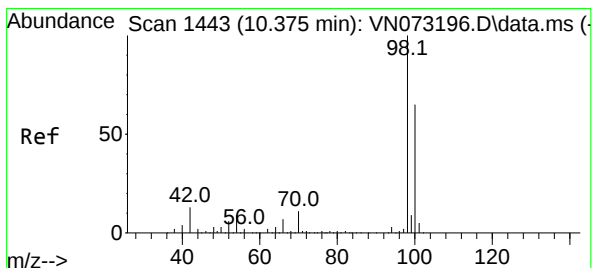
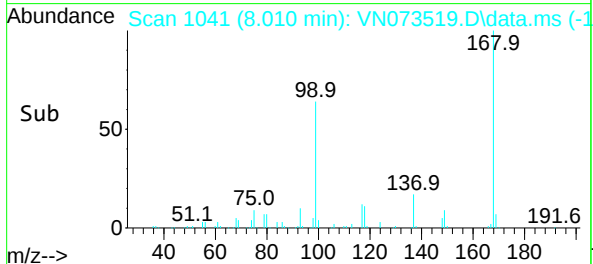
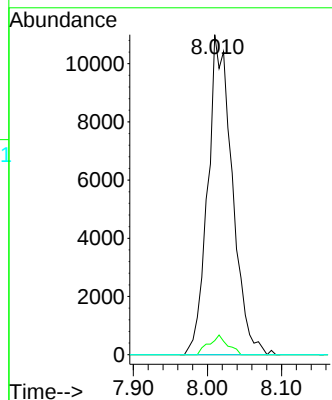
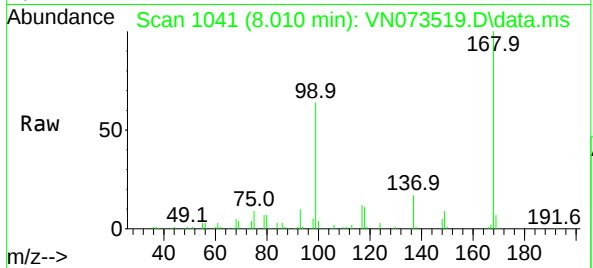




#38
Carbon Tetrachloride
Concen: 5.938 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.124 min
Lab File: VN073519.D
Acq: 19 Jul 2022 16:29

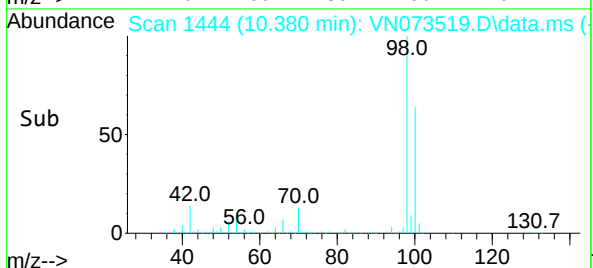
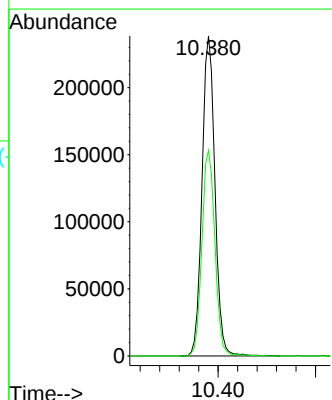
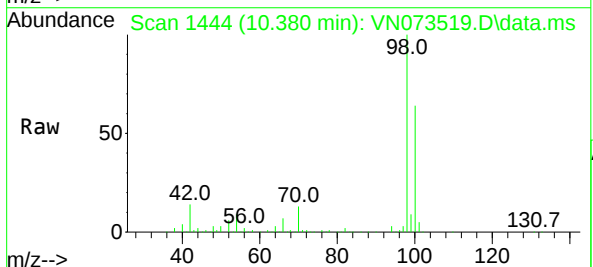
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IBLK

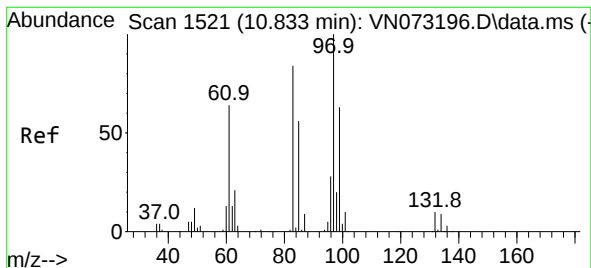
Tgt Ion:117 Resp: 25203
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 46.314 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073519.D
Acq: 19 Jul 2022 16:29

Tgt Ion: 98 Resp: 438733
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8





#55

1,1,2-Trichloroethane

Concen: 1.088 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. 0.083 min

Lab File: VN073519.D

Acq: 19 Jul 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion: 97 Resp: 3507

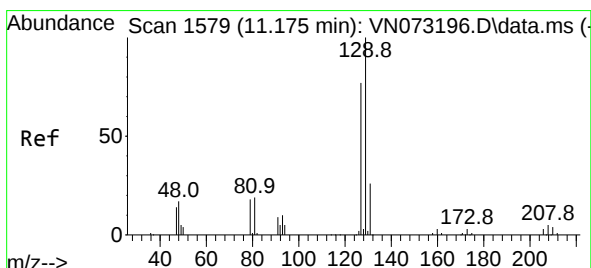
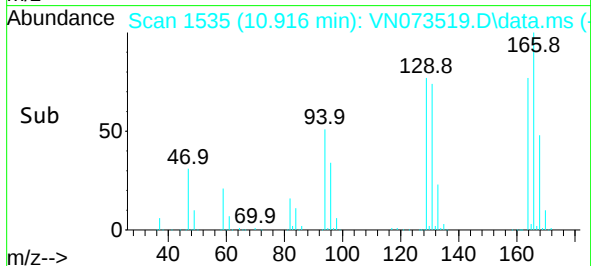
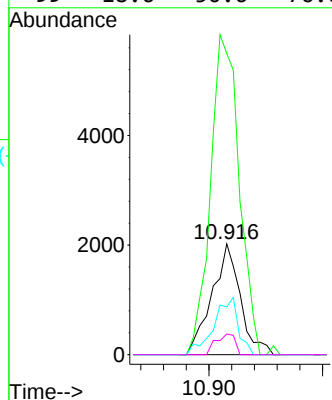
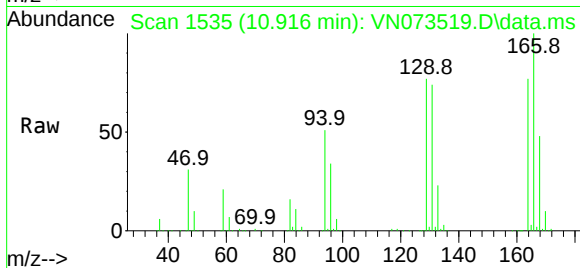
Ion Ratio Lower Upper

97 100

83 271.7 66.2 99.4#

85 43.1 43.9 65.9#

99 18.6 50.6 76.0#



#60

Dibromochloromethane

Concen: 112.956 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. -0.259 min

Lab File: VN073519.D

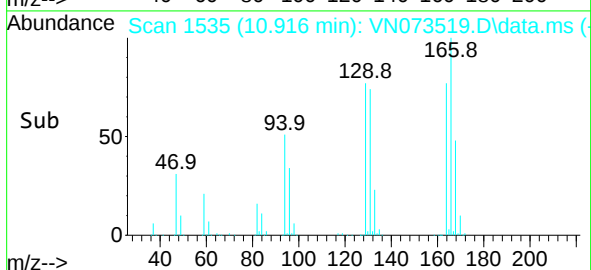
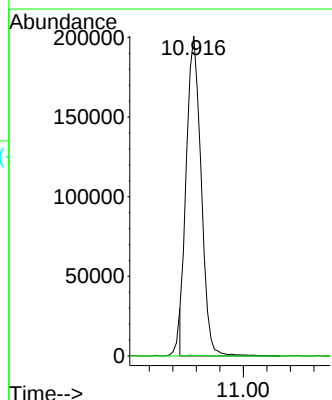
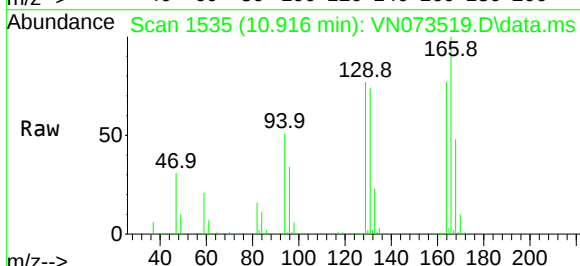
Acq: 19 Jul 2022 16:29

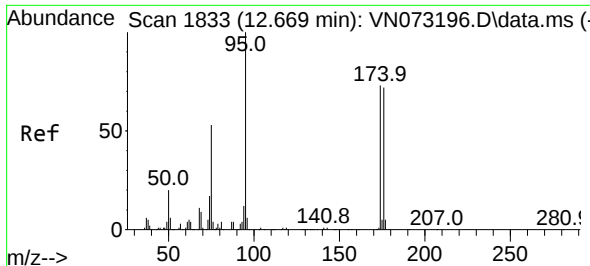
Tgt Ion:129 Resp: 347037

Ion Ratio Lower Upper

129 100

127 0.2 38.8 116.4#

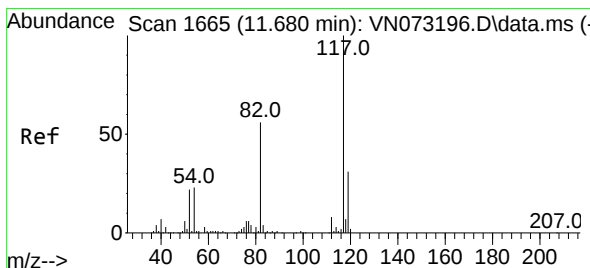
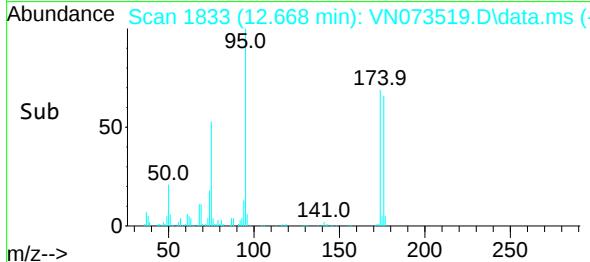
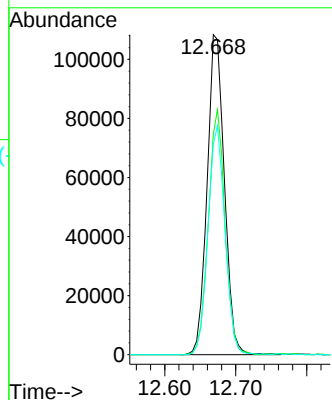
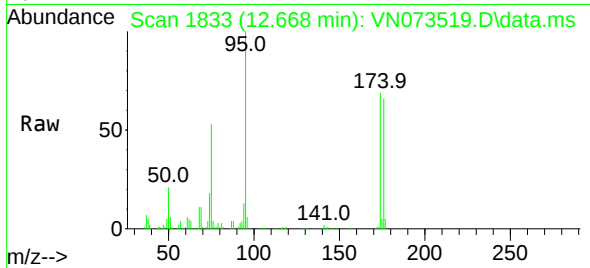




#62
4-Bromofluorobenzene
Concen: 50.360 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073519.D
Acq: 19 Jul 2022 16:29

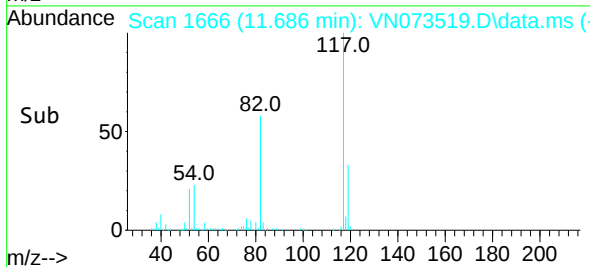
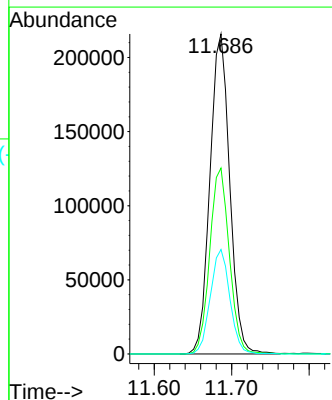
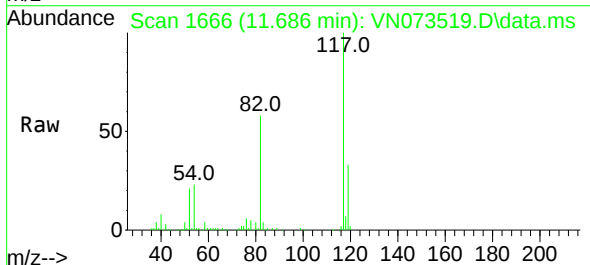
Instrument :
MSVOA_N
ClientSampleId :
IBLK

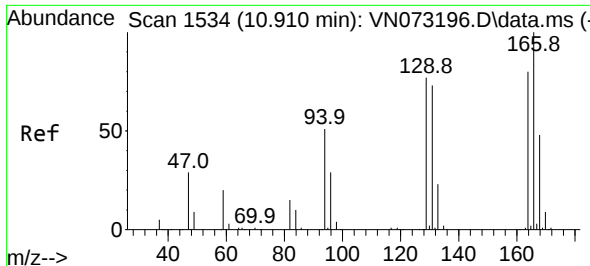
Tgt Ion: 95 Resp: 183332
Ion Ratio Lower Upper
95 100
174 73.9 0.0 167.6
176 70.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073519.D
Acq: 19 Jul 2022 16:29

Tgt Ion: 117 Resp: 382814
Ion Ratio Lower Upper
117 100
82 58.1 44.2 66.2
119 32.7 25.4 38.0

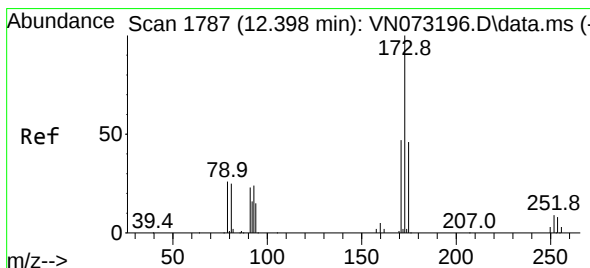
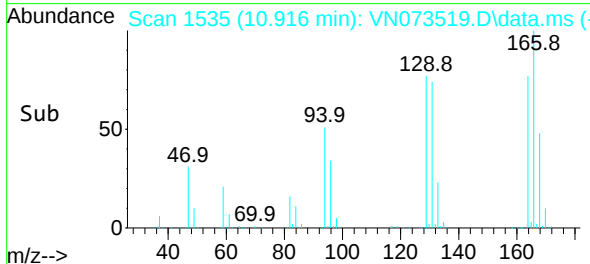
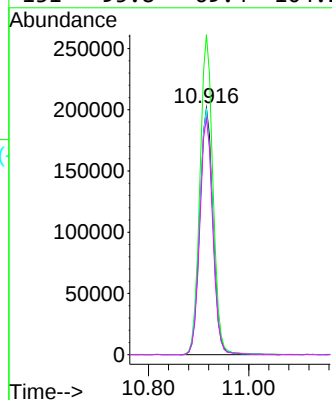
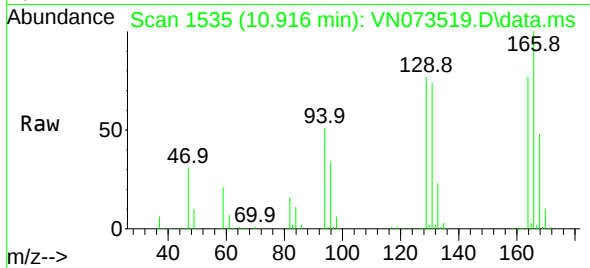




#64
Tetrachloroethene
Concen: 118.057 ug/l
RT: 10.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073519.D
Acq: 19 Jul 2022 16:29

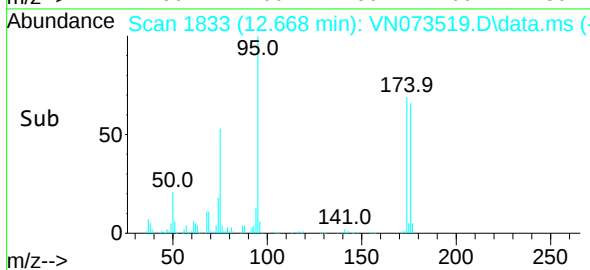
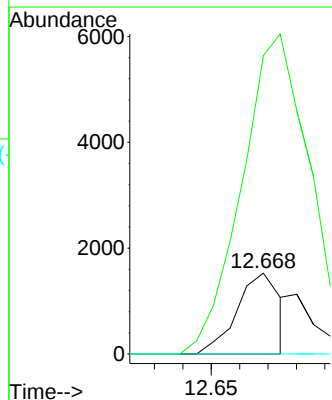
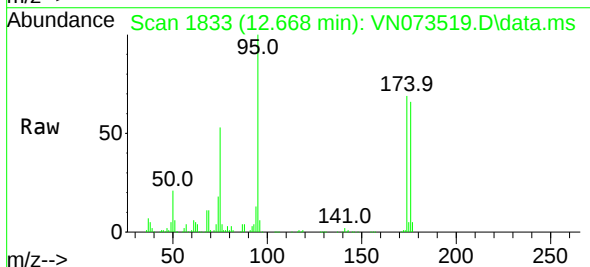
Instrument :
MSVOA_N
ClientSampleId :
IBLK

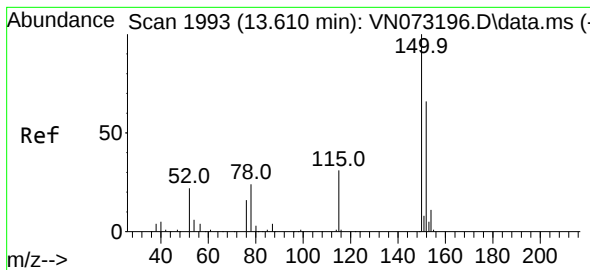
Tgt Ion:164 Resp: 369041
Ion Ratio Lower Upper
164 100
166 129.7 104.2 156.2
129 99.7 73.9 110.9
131 95.8 69.4 104.2



#71
Bromoform
Concen: 0.698 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.270 min
Lab File: VN073519.D
Acq: 19 Jul 2022 16:29

Tgt Ion:173 Resp: 1626
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: 13.615 min Scan# 1993

Delta R.T. 0.005 min

Lab File: VN073519.D

Acq: 19 Jul 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

IBLK

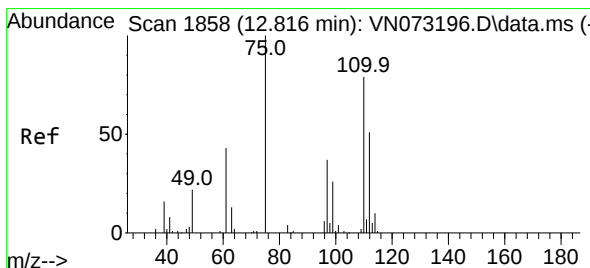
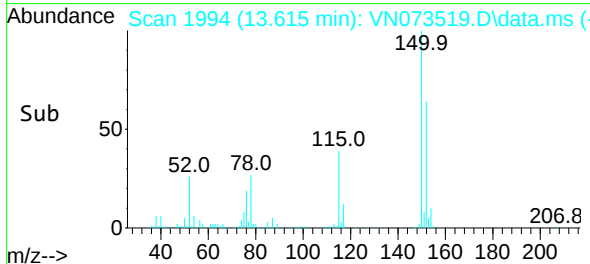
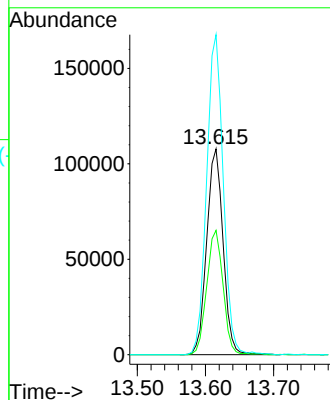
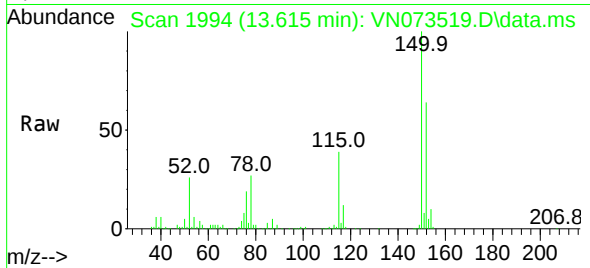
Tgt Ion:152 Resp: 180620

Ion Ratio Lower Upper

152 100

115 60.3 28.9 86.7

150 157.5 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 20.043 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. -0.148 min

Lab File: VN073519.D

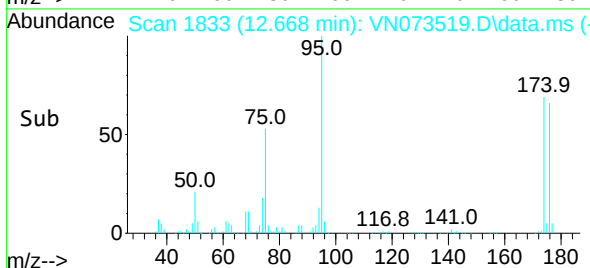
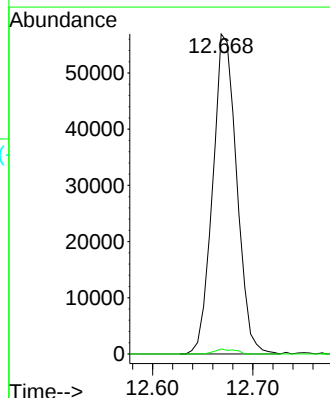
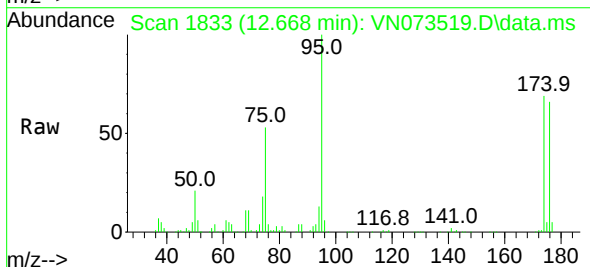
Acq: 19 Jul 2022 16:29

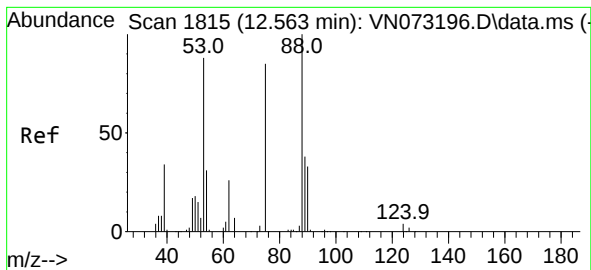
Tgt Ion: 75 Resp: 94658

Ion Ratio Lower Upper

75 100

77 1.3 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.966 ug/l
 RT: 12.668 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VN073519.D
 Acq: 19 Jul 2022 16:29

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 94658
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

