

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071922\
 Data File : VN073518.D
 Acq On : 19 Jul 2022 16:04
 Operator : JC\MD
 Sample : N3765-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-01F-84

Quant Time: Jul 20 06:25:24 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)

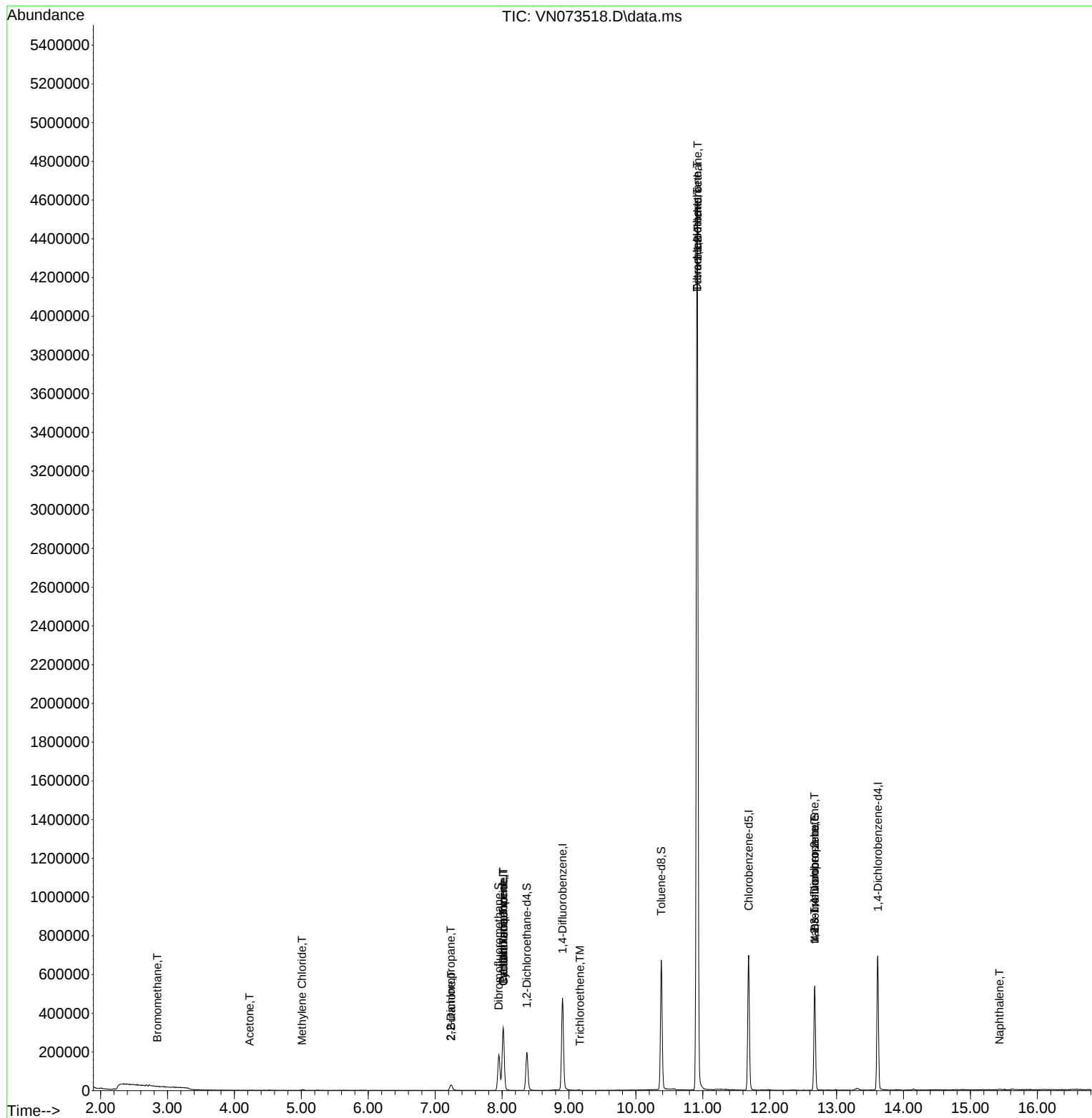
Internal Standards						
1) Pentafluorobenzene	8.016	168	238772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	411450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	395408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	186776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	163543	47.446	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.900%		
35) Dibromofluoromethane	7.951	113	135808	49.611	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.220%		
50) Toluene-d8	10.380	98	447266	46.003	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.000%		
62) 4-Bromofluorobenzene	12.674	95	189301	50.665	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.340%		
Target Compounds					Qvalue	
5) Bromomethane	2.846	94	709	0.521	ug/l #	42
16) Acetone	4.228	43	825	0.426	ug/l #	42
20) Methylene Chloride	5.010	84	1278	0.376	ug/l #	84
25) 2-Butanone	7.239	43	1995	0.648	ug/l #	45
26) 2,2-Dichloropropane	7.234	77	1937	0.366	ug/l #	53
31) Cyclohexane	8.022	56	6225	1.103	ug/l #	31
36) 1,1-Dichloropropene	8.016	75	21027	4.992	ug/l #	49
38) Carbon Tetrachloride	8.022	117	26436	6.069	ug/l #	18
44) Trichloroethene	9.163	130	976	0.295	ug/l	58
55) 1,1,2-Trichloroethane	10.922	97	9358	2.830	ug/l #	2
60) Dibromochloromethane	10.916	129	979262	310.560	ug/l #	11
64) Tetrachloroethene	10.916	164	1037735	321.400	ug/l	93
76) 1,2,3-Trichloropropane	12.668	75	101277	20.737	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	101277	56.871	ug/l #	11
95) Naphthalene	15.433	128	3050	0.212	ug/l #	90

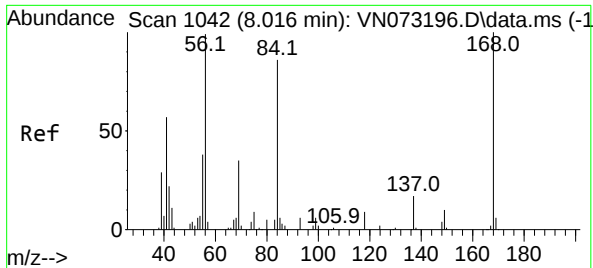
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071922\
Data File : VN073518.D
Acq On : 19 Jul 2022 16:04
Operator : JC\MD
Sample : N3765-02 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SPC-01F-84

Quant Time: Jul 20 06:25:24 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

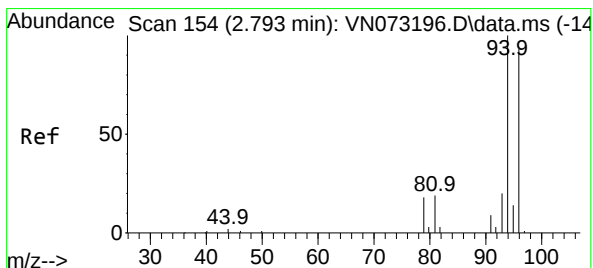
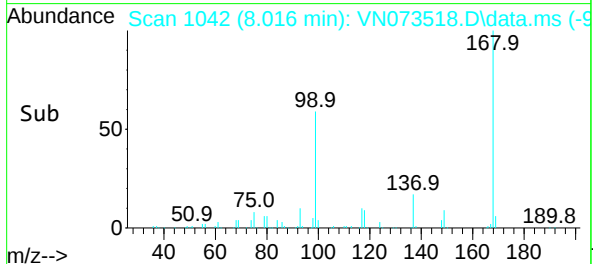
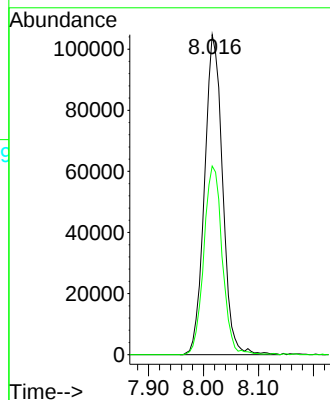
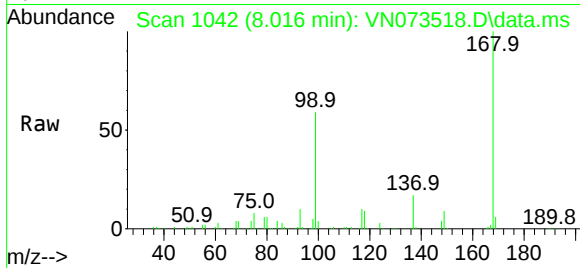




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073518.D
Acq: 19 Jul 2022 16:04

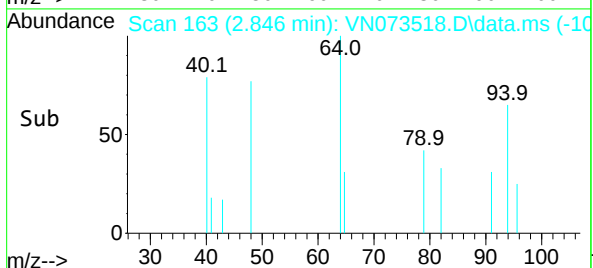
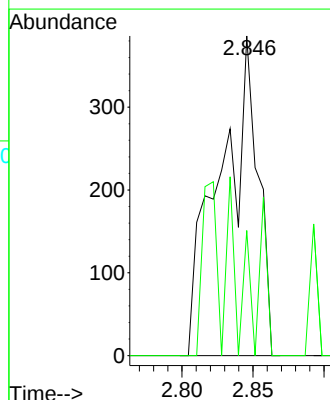
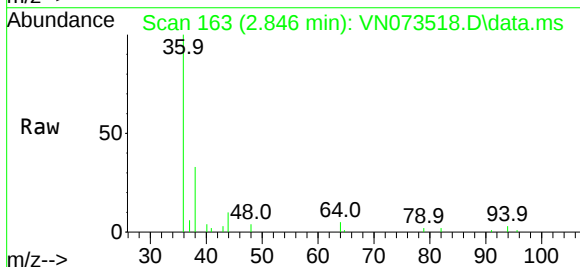
Instrument :
MSVOA_N
ClientSampleId :
SPC-01F-84

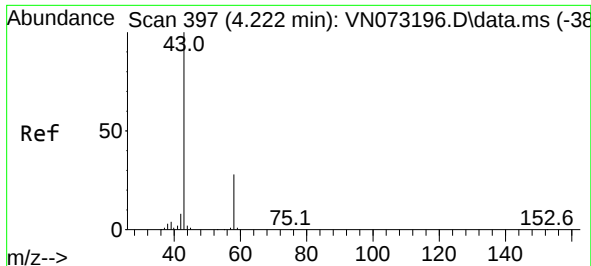
Tgt Ion:168 Resp: 238772
Ion Ratio Lower Upper
168 100
99 58.9 42.3 63.5



#5
Bromomethane
Concen: 0.521 ug/l
RT: 2.846 min Scan# 163
Delta R.T. 0.053 min
Lab File: VN073518.D
Acq: 19 Jul 2022 16:04

Tgt Ion: 94 Resp: 709
Ion Ratio Lower Upper
94 100
96 39.1 76.0 114.0#

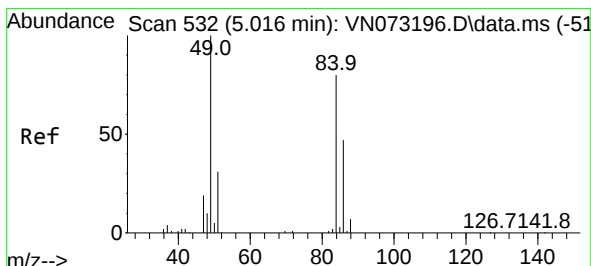
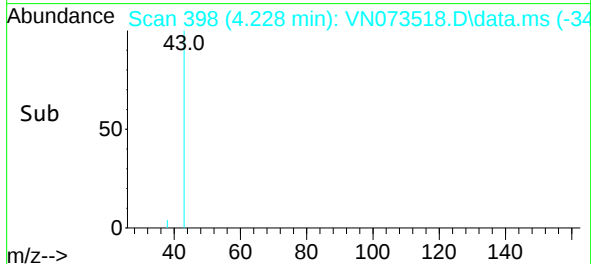
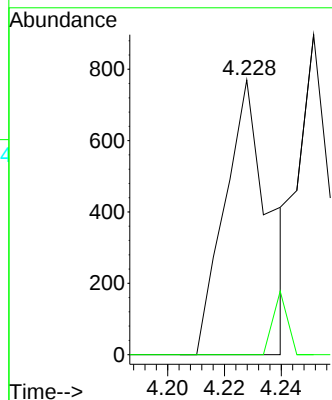
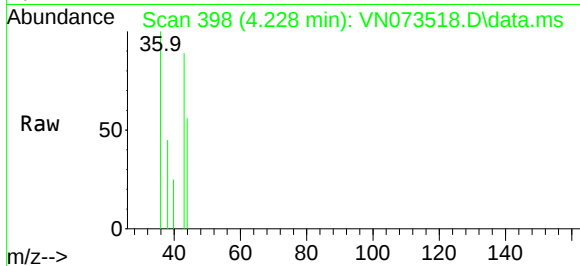




#16
Acetone
Concen: 0.426 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN073518.D
Acq: 19 Jul 2022 16:04

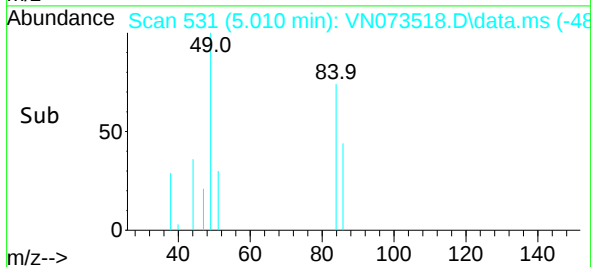
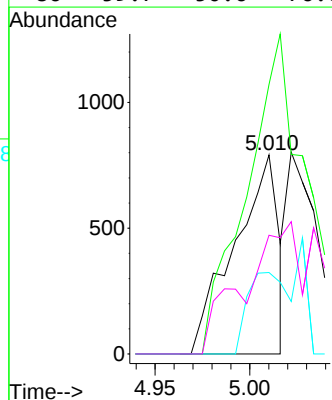
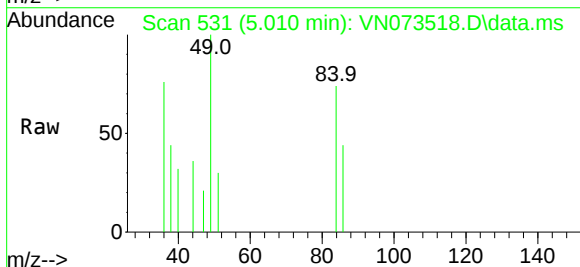
Instrument :
MSVOA_N
ClientSampleId :
SPC-01F-84

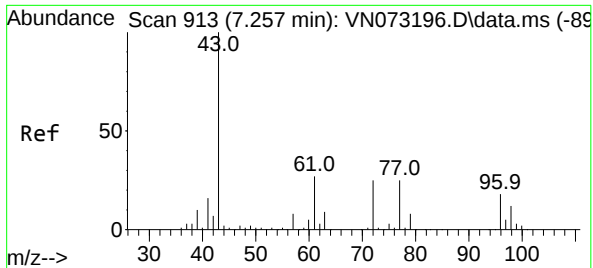
Tgt Ion: 43 Resp: 825
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#20
Methylene Chloride
Concen: 0.376 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073518.D
Acq: 19 Jul 2022 16:04

Tgt Ion: 84 Resp: 1278
Ion Ratio Lower Upper
84 100
49 135.4 88.3 132.5#
51 41.0 28.2 42.2
86 59.7 50.6 76.0





#25

2-Butanone

Concen: 0.648 ug/l

RT: 7.239 min Scan# 91

Delta R.T. -0.018 min

Lab File: VN073518.D

Acq: 19 Jul 2022 16:04

Instrument :

MSVOA_N

ClientSampleId :

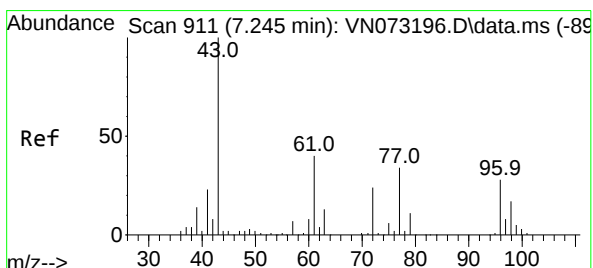
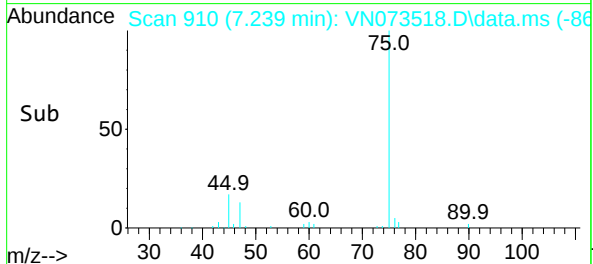
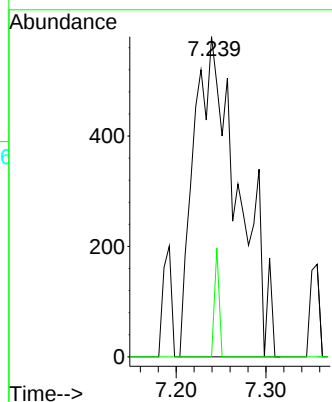
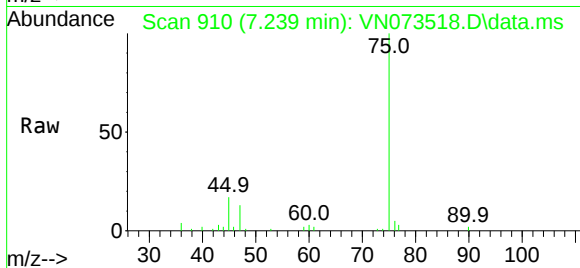
SPC-01F-84

Tgt Ion: 43 Resp: 1995

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 0.366 ug/l

RT: 7.234 min Scan# 909

Delta R.T. -0.011 min

Lab File: VN073518.D

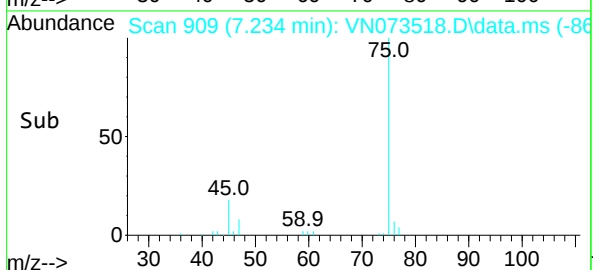
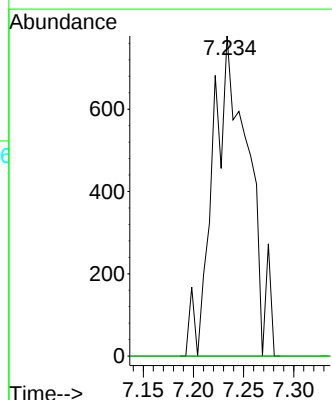
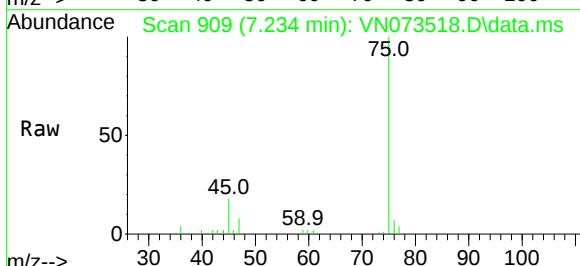
Acq: 19 Jul 2022 16:04

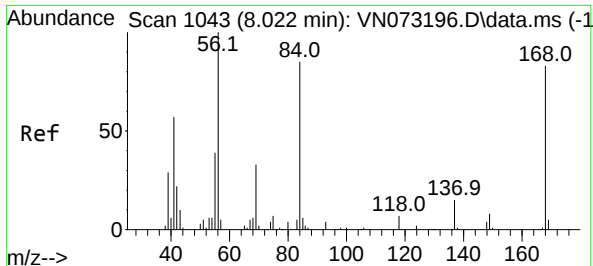
Tgt Ion: 77 Resp: 1937

Ion Ratio Lower Upper

77 100

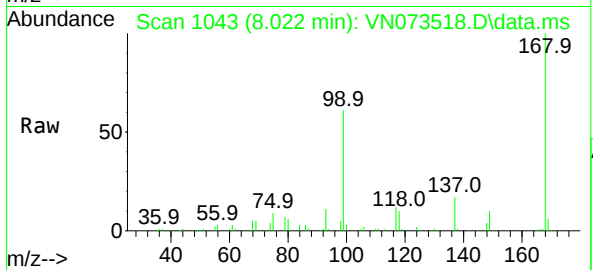
97 0.0 11.4 34.2#



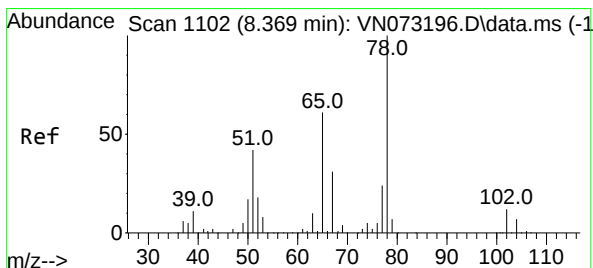
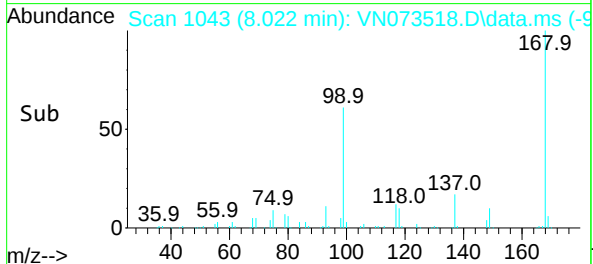
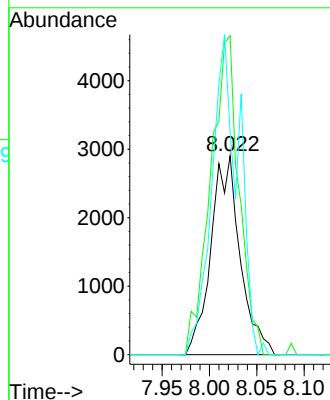


#31
Cyclohexane
Concen: 1.103 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073518.D
Acq: 19 Jul 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
SPC-01F-84

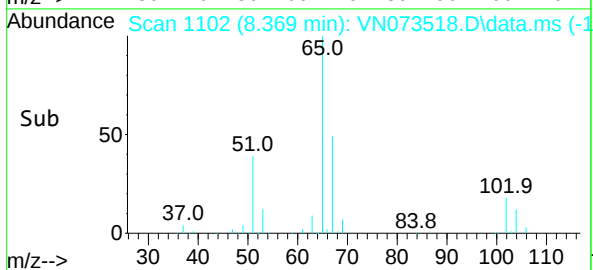
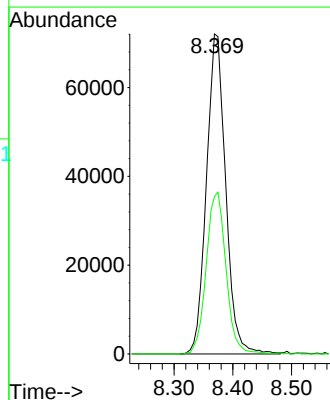
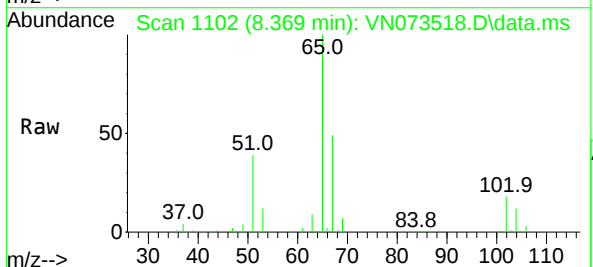


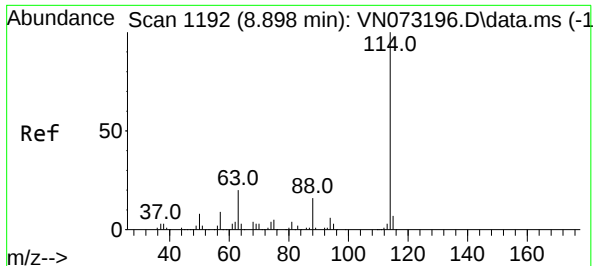
Tgt Ion: 56 Resp: 6225
Ion Ratio Lower Upper
56 100
69 160.4 27.8 41.8#
84 111.8 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 47.446 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073518.D
Acq: 19 Jul 2022 16:04

Tgt Ion: 65 Resp: 163543
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8

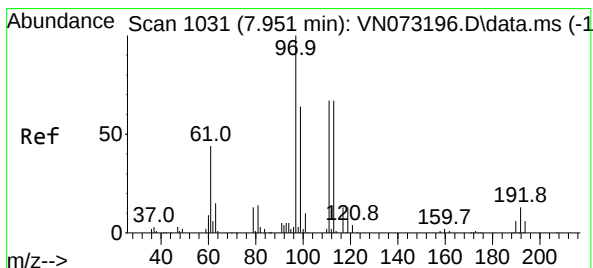
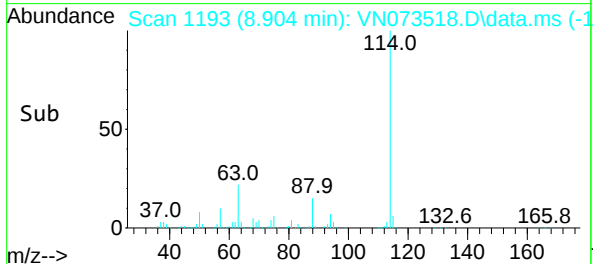
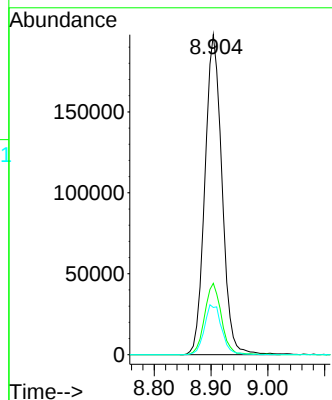
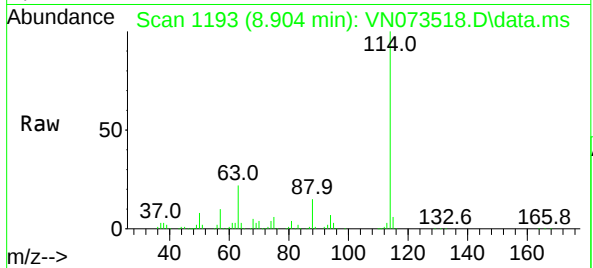




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073518.D
Acq: 19 Jul 2022 16:04

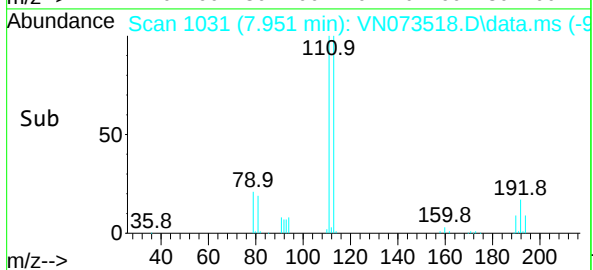
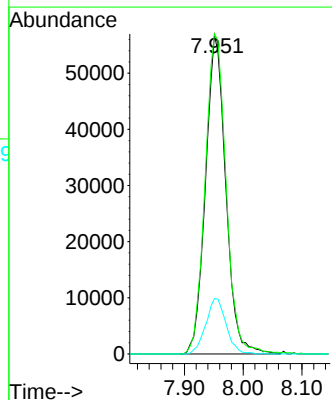
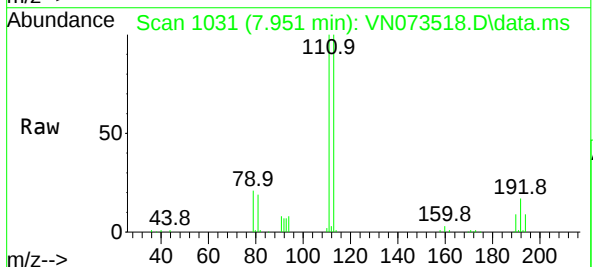
Instrument :
MSVOA_N
ClientSampleId :
SPC-01F-84

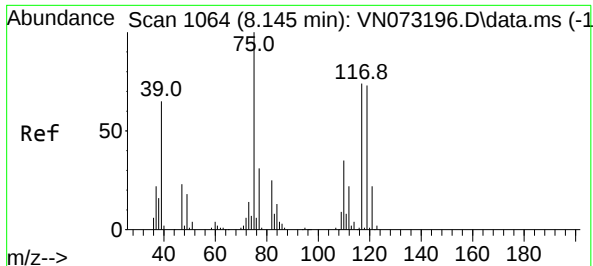
Tgt Ion:114 Resp: 411450
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.0
88 14.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.611 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073518.D
Acq: 19 Jul 2022 16:04

Tgt Ion:113 Resp: 135808
Ion Ratio Lower Upper
113 100
111 104.5 81.4 122.0
192 17.5 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.992 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.129 min

Lab File: VN073518.D

Acq: 19 Jul 2022 16:04

Instrument :

MSVOA_N

ClientSampleId :

SPC-01F-84

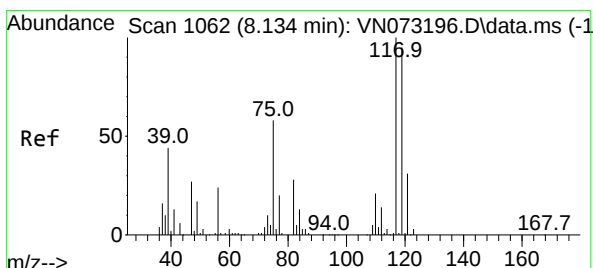
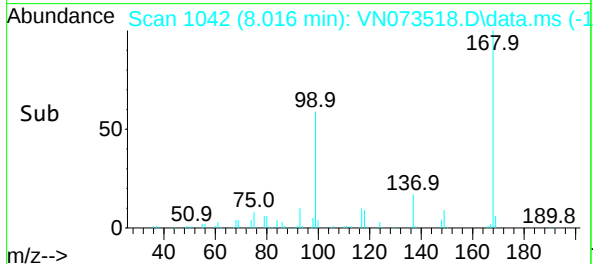
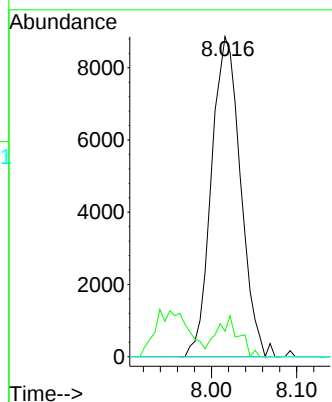
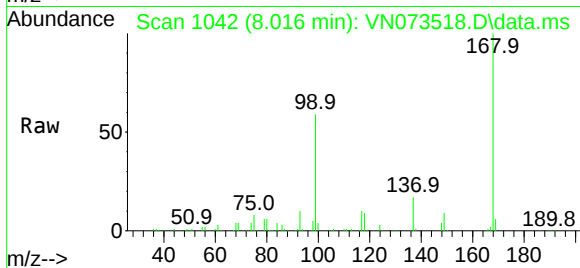
Tgt Ion: 75 Resp: 21027

Ion Ratio Lower Upper

75 100

110 9.6 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.069 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.112 min

Lab File: VN073518.D

Acq: 19 Jul 2022 16:04

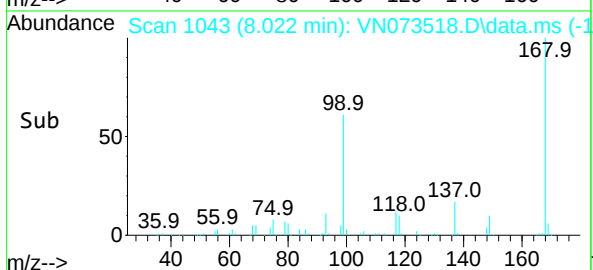
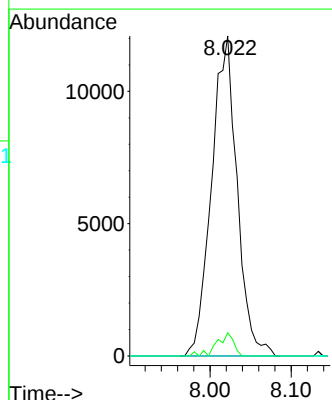
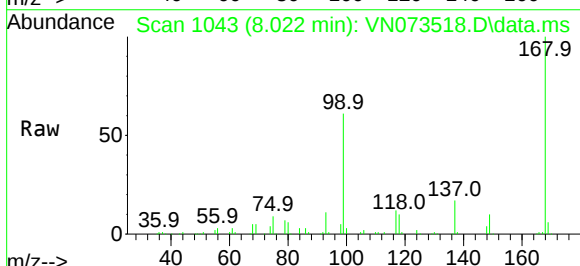
Tgt Ion: 117 Resp: 26436

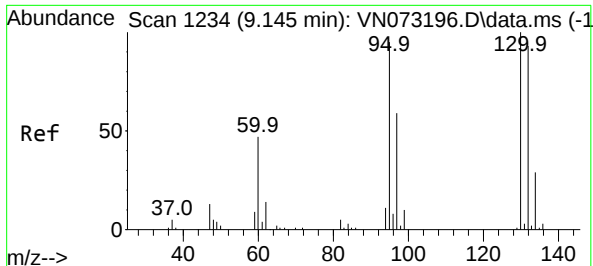
Ion Ratio Lower Upper

117 100

119 7.3 75.8 113.8#

121 0.0 24.6 37.0#

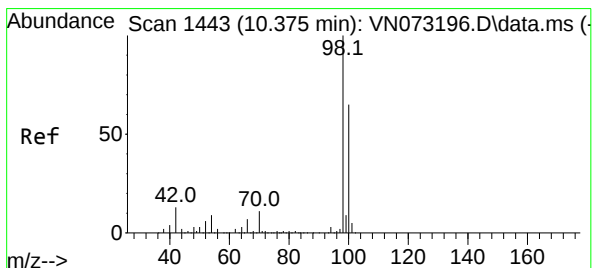
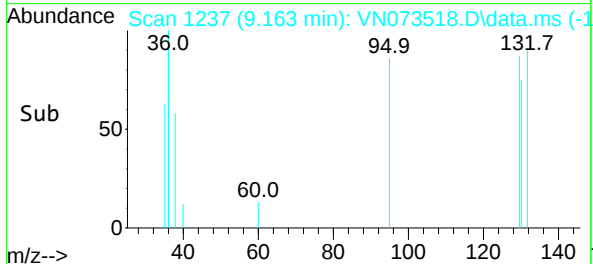
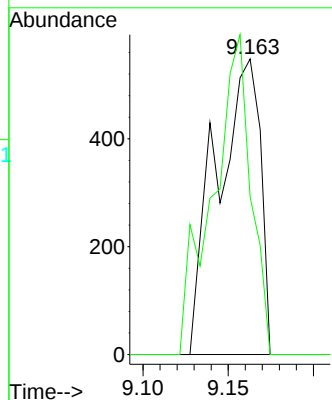
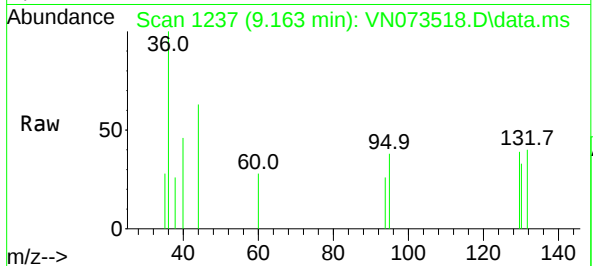




#44
Trichloroethene
Concen: 0.295 ug/l
RT: 9.163 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN073518.D
Acq: 19 Jul 2022 16:04

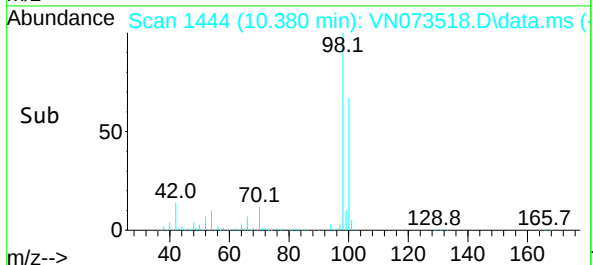
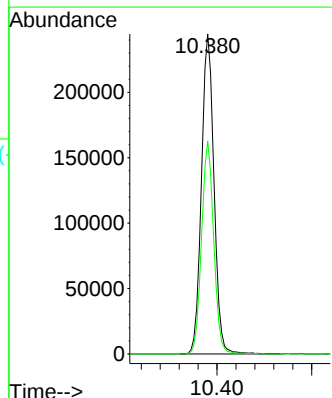
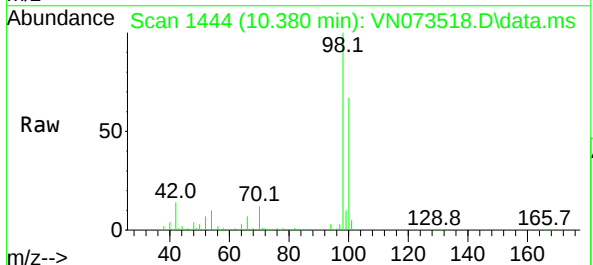
Instrument :
MSVOA_N
ClientSampleId :
SPC-01F-84

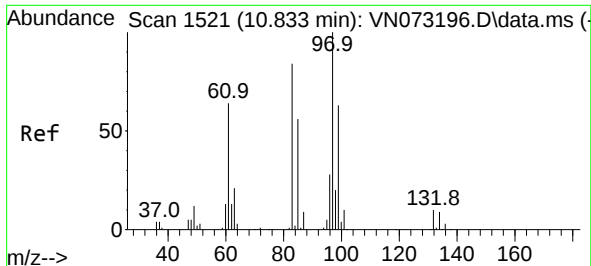
Tgt Ion:130 Resp: 976
Ion Ratio Lower Upper
130 100
95 53.3 0.0 186.8



#50
Toluene-d8
Concen: 46.003 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073518.D
Acq: 19 Jul 2022 16:04

Tgt Ion: 98 Resp: 447266
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

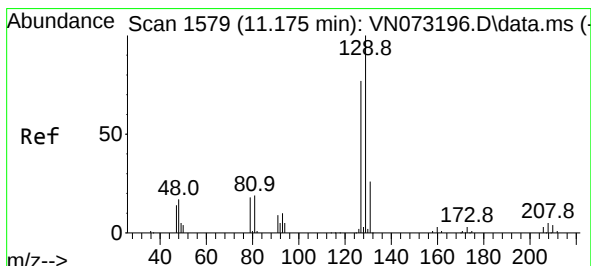
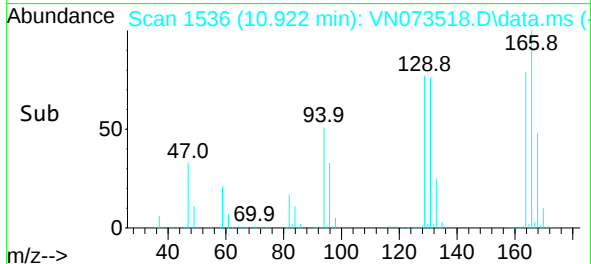
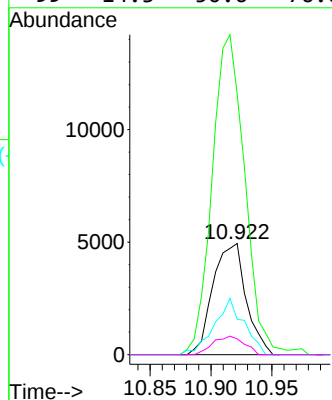
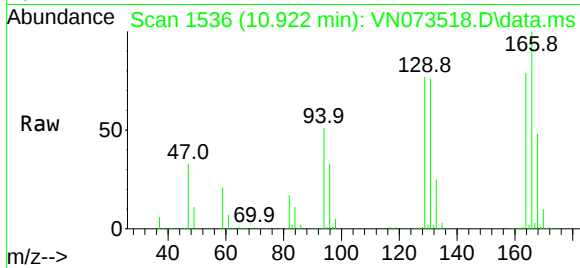




#55
 1,1,2-Trichloroethane
 Concen: 2.830 ug/l
 RT: 10.922 min Scan# 1536
 Delta R.T. 0.089 min
 Lab File: VN073518.D
 Acq: 19 Jul 2022 16:04

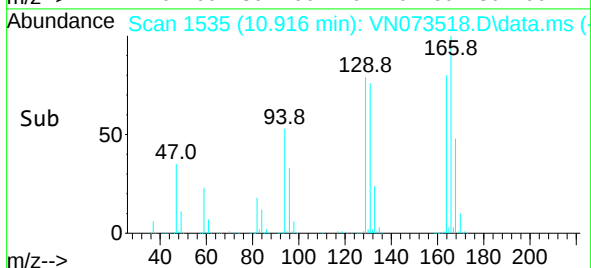
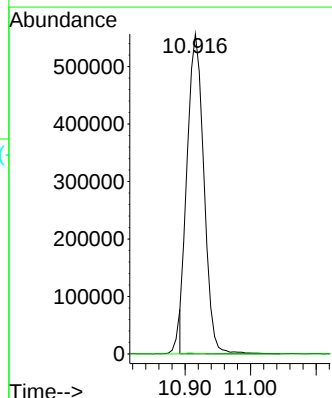
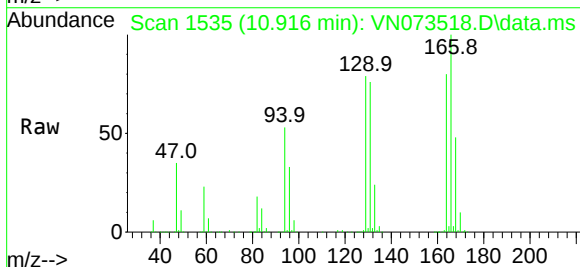
Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-01F-84

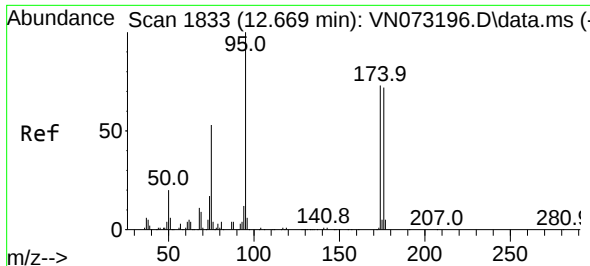
Tgt Ion: 97	Resp: 9358
Ion Ratio	Lower Upper
97 100	
83 234.6	66.2 99.4#
85 31.9	43.9 65.9#
99 14.3	50.6 76.0#



#60
 Dibromochloromethane
 Concen: 310.560 ug/l
 RT: 10.916 min Scan# 1535
 Delta R.T. -0.259 min
 Lab File: VN073518.D
 Acq: 19 Jul 2022 16:04

Tgt Ion: 129	Resp: 979262
Ion Ratio	Lower Upper
129 100	
127 0.2	38.8 116.4#

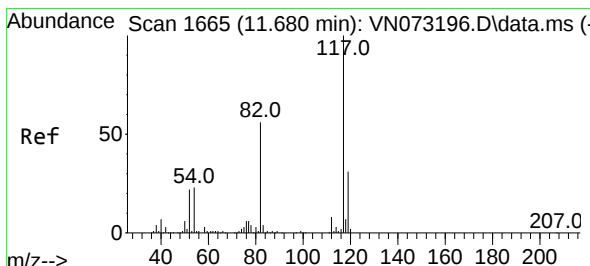
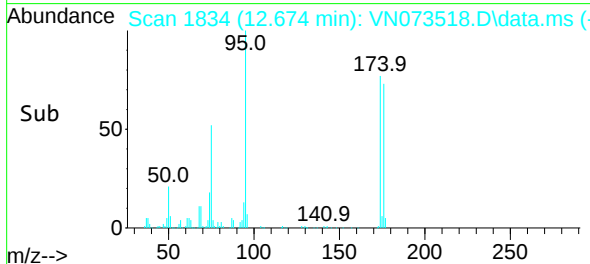
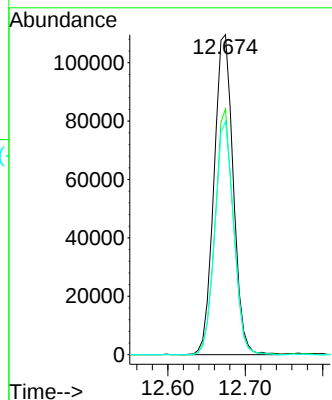
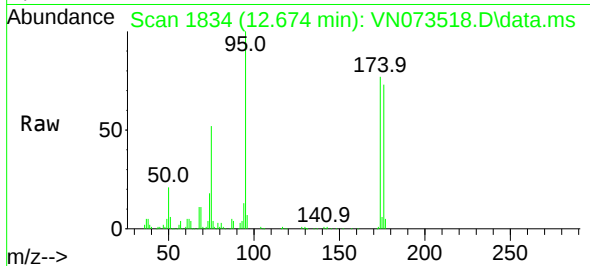




#62
4-Bromofluorobenzene
Concen: 50.665 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073518.D
Acq: 19 Jul 2022 16:04

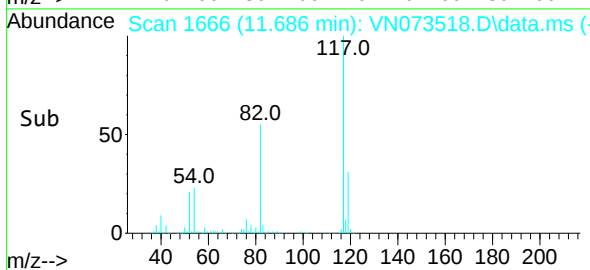
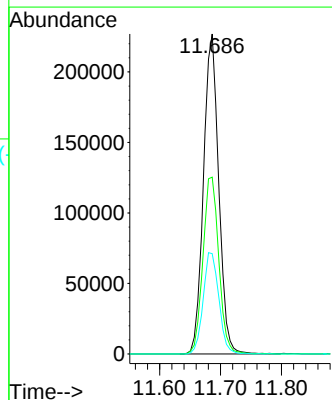
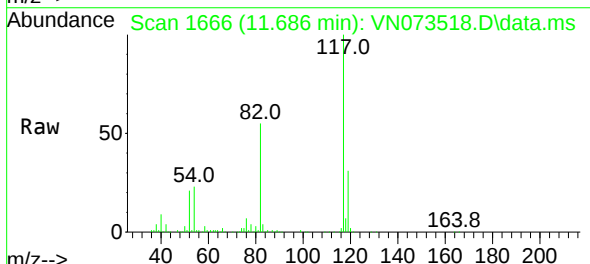
Instrument :
MSVOA_N
ClientSampleId :
SPC-01F-84

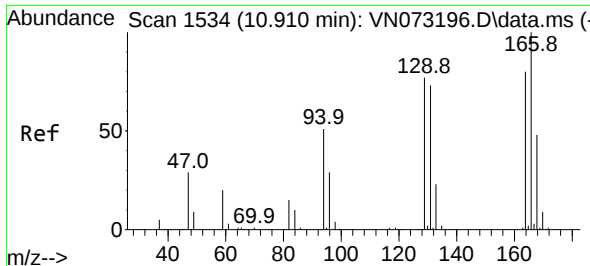
Tgt Ion: 95 Resp: 189301
Ion Ratio Lower Upper
95 100
174 73.1 0.0 167.6
176 71.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073518.D
Acq: 19 Jul 2022 16:04

Tgt Ion: 117 Resp: 395408
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 31.4 25.4 38.0

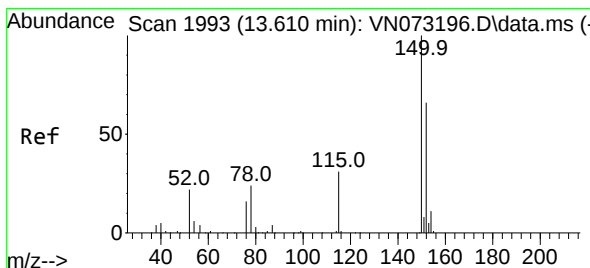
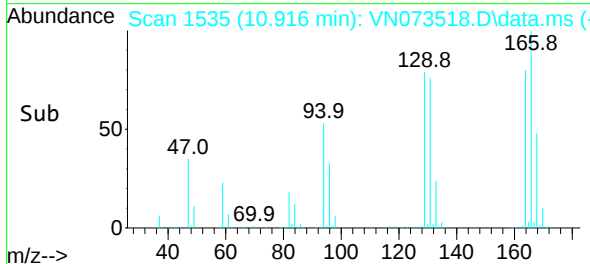
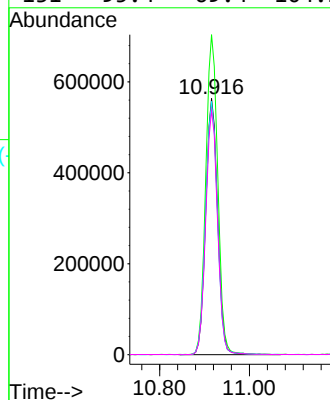
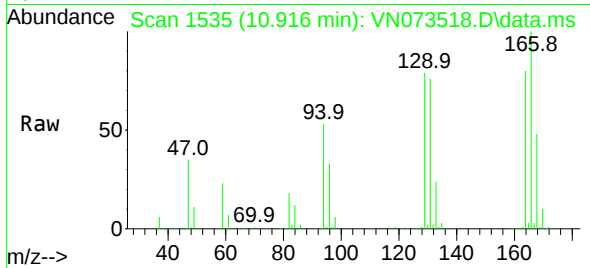




#64
Tetrachloroethene
Concen: 321.400 ug/l
RT: 10.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073518.D
Acq: 19 Jul 2022 16:04

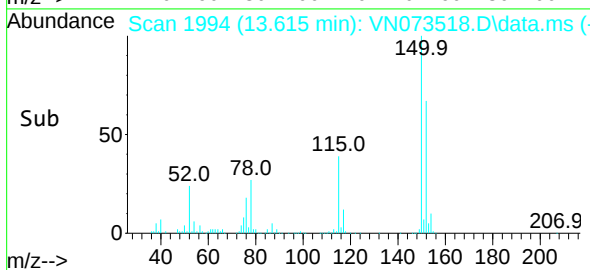
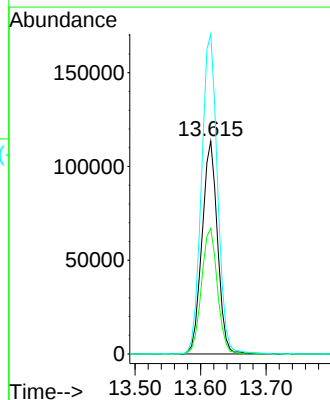
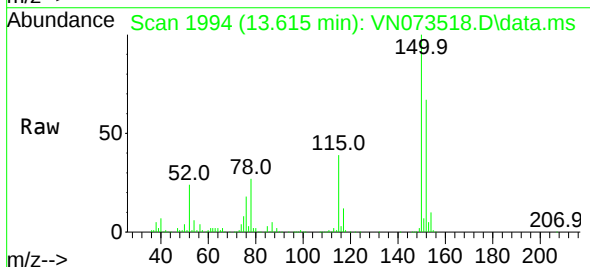
Instrument :
MSVOA_N
ClientSampleId :
SPC-01F-84

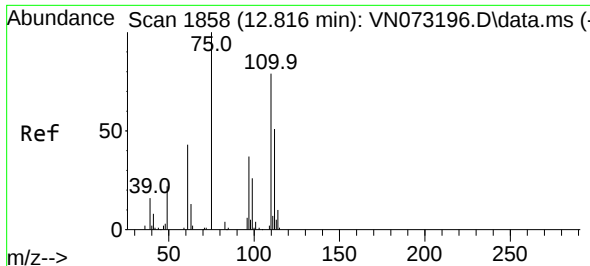
Tgt Ion:164 Resp: 1037735
Ion Ratio Lower Upper
164 100
166 124.9 104.2 156.2
129 98.8 73.9 110.9
131 95.4 69.4 104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073518.D
Acq: 19 Jul 2022 16:04

Tgt Ion:152 Resp: 186776
Ion Ratio Lower Upper
152 100
115 60.4 28.9 86.7
150 155.2 0.0 356.2

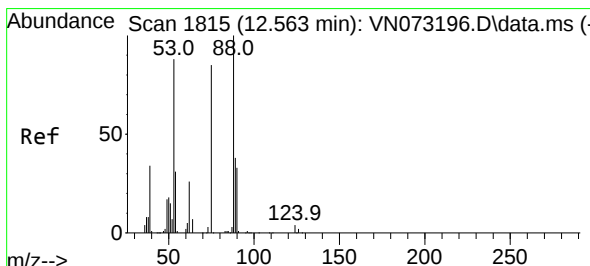
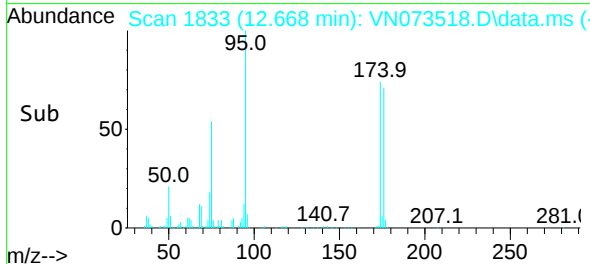
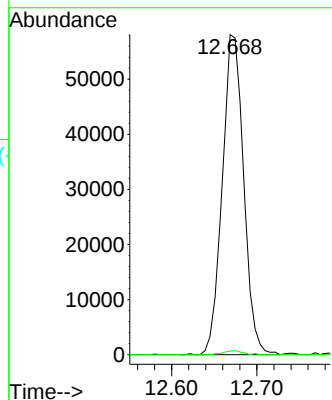
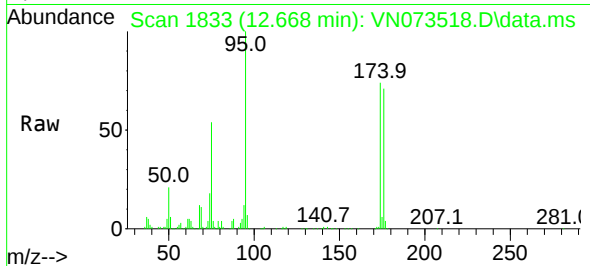




#76
1,2,3-Trichloropropane
Concen: 20.737 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073518.D
Acq: 19 Jul 2022 16:04

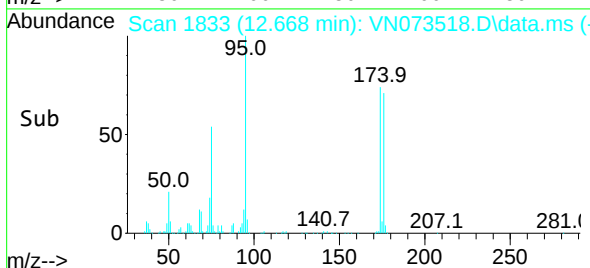
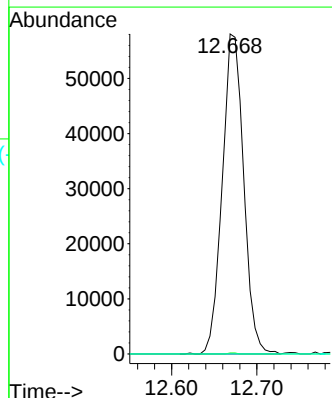
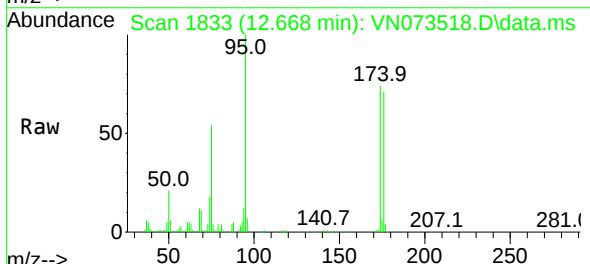
Instrument :
MSVOA_N
ClientSampleId :
SPC-01F-84

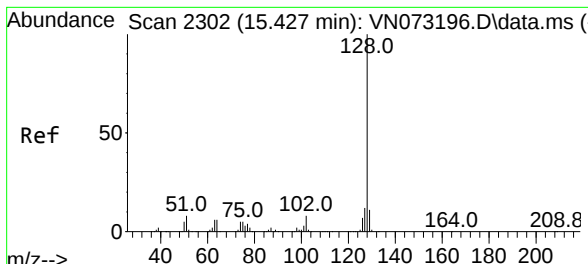
Tgt Ion: 75 Resp: 101277
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.871 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.105 min
Lab File: VN073518.D
Acq: 19 Jul 2022 16:04

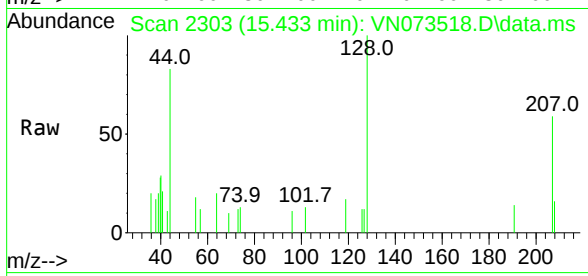
Tgt Ion: 75 Resp: 101277
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#95
 Naphthalene
 Concen: 0.212 ug/l
 RT: 15.433 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN073518.D
 Acq: 19 Jul 2022 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-01F-84



Tgt Ion:	128	Resp:	3050
Ion Ratio	100	Lower	Upper
128	100		
127	9.3	10.3	15.5#
129	6.4	8.6	13.0#

