

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073288.D
 Acq On : 01 Jul 2022 11:31
 Operator : JC\MD
 Sample : N3554-16DL 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-SPC-03-80DL

Quant Time: Jul 04 05:03:40 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)

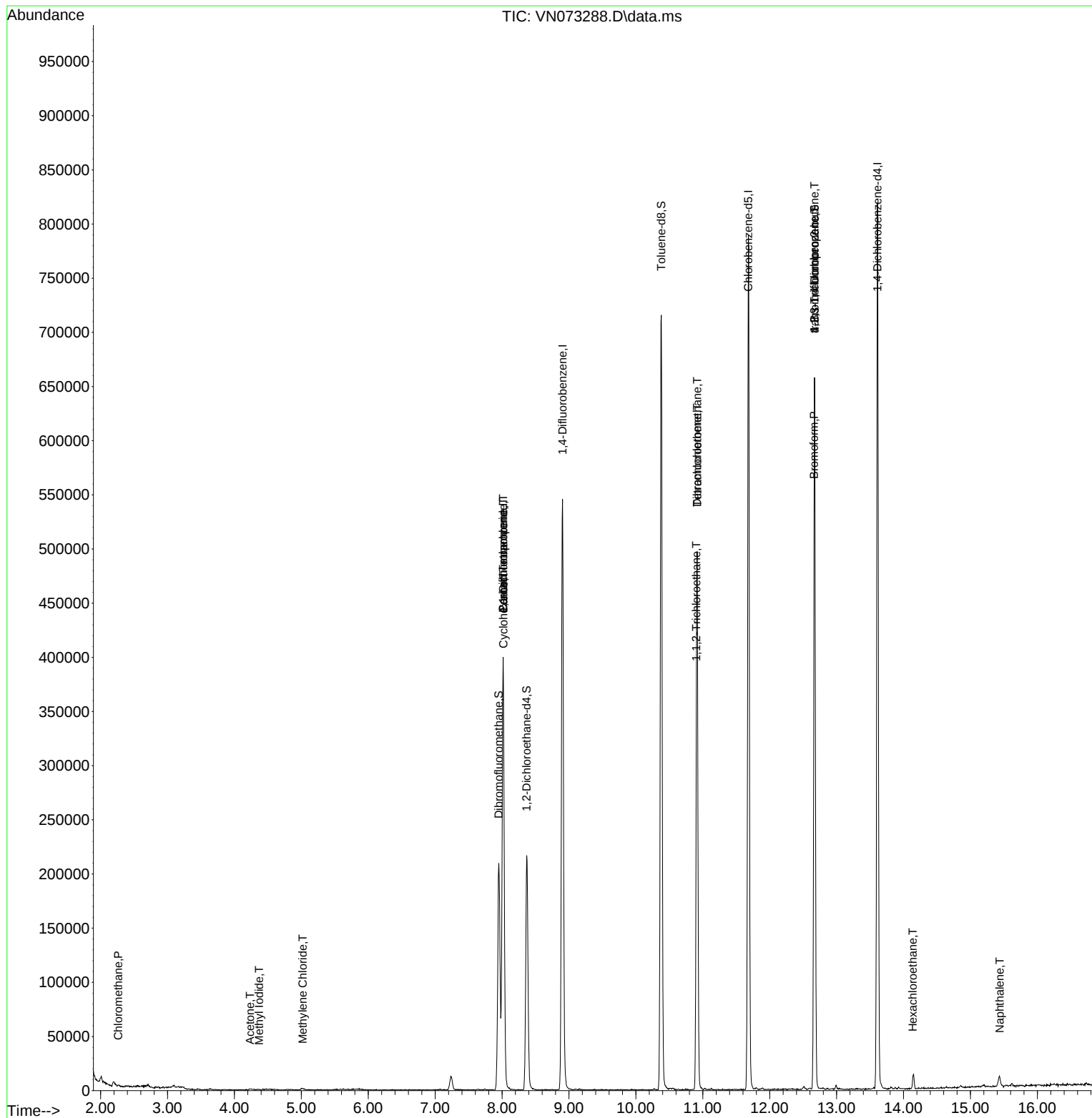
Internal Standards						
1) Pentafluorobenzene	8.016	168	294040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	489575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	452641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	224866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	183510	43.232	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.460%		
35) Dibromofluoromethane	7.951	113	154915	47.561	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.120%		
50) Toluene-d8	10.380	98	512324	44.286	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.580%		
62) 4-Bromofluorobenzene	12.668	95	228731	51.450	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.900%		
Target Compounds					Qvalue	
3) Chloromethane	2.263	50	849	0.203	ug/l #	43
10) Methyl Iodide	4.369	142	439	3.817	ug/l #	44
16) Acetone	4.234	43	1392	0.584	ug/l #	78
20) Methylene Chloride	5.022	84	1083	0.259	ug/l #	71
31) Cyclohexane	8.022	56	7223	1.039	ug/l #	49
36) 1,1-Dichloropropene	8.016	75	24612	4.911	ug/l #	48
38) Carbon Tetrachloride	8.016	117	29718	5.734	ug/l #	16
55) 1,1,2-Trichloroethane	10.904	97	927	0.236	ug/l #	21
60) Dibromochloromethane	10.916	129	103796	27.665	ug/l #	11
64) Tetrachloroethene	10.916	164	114728	31.040	ug/l	96
71) Bromoform	12.663	173	1154	0.419	ug/l #	1
76) 1,2,3-Trichloropropane	12.668	75	118734	20.194	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	118734	55.380	ug/l #	10
90) Hexachloroethane	14.139	117	2768	0.965	ug/l	75
95) Naphthalene	15.439	128	10666	0.615	ug/l	97

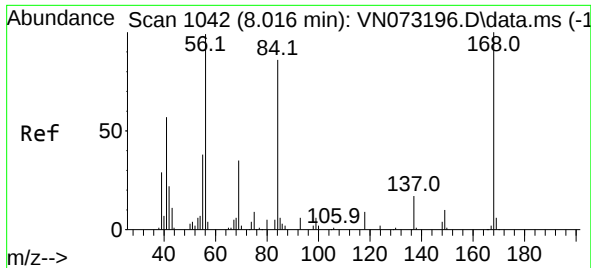
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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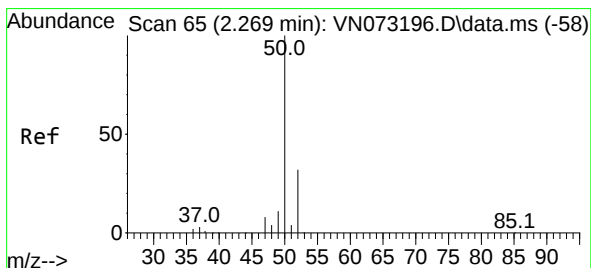
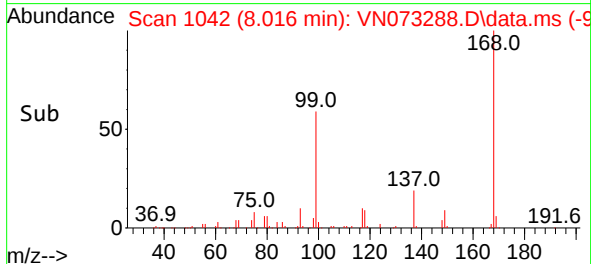
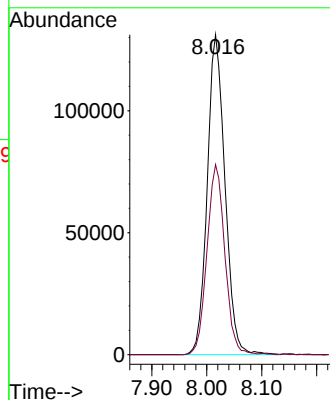
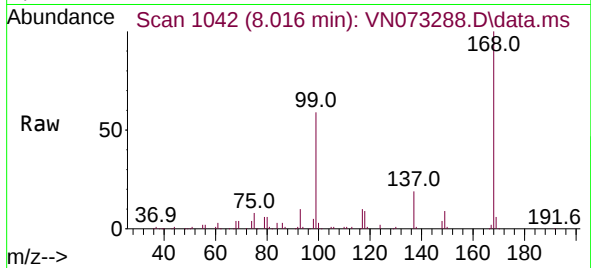




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073288.D
Acq: 01 Jul 2022 11:31

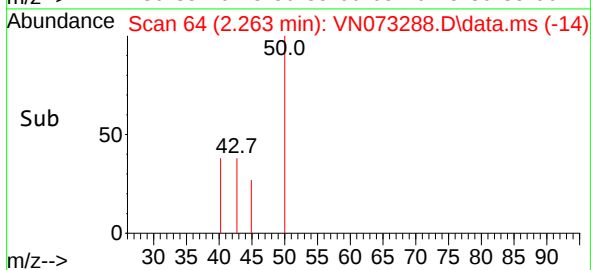
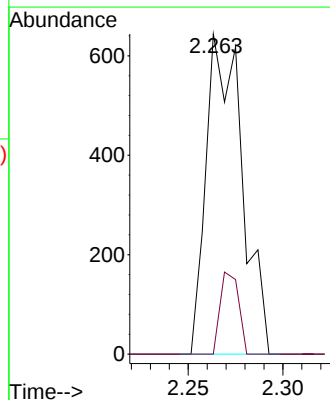
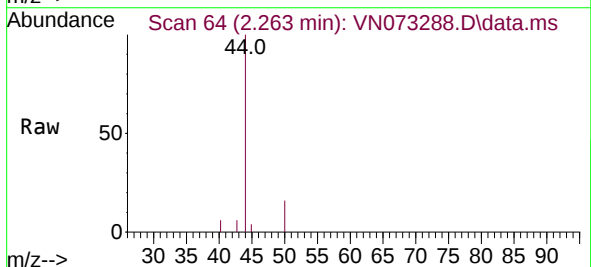
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-03-80DL

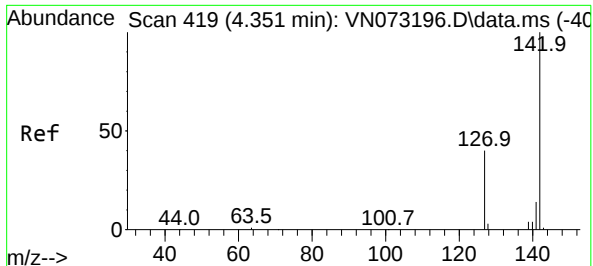
Tgt Ion:168 Resp: 294040
Ion Ratio Lower Upper
168 100
99 59.4 42.3 63.5



#3
Chloromethane
Concen: 0.203 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073288.D
Acq: 01 Jul 2022 11:31

Tgt Ion: 50 Resp: 849
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

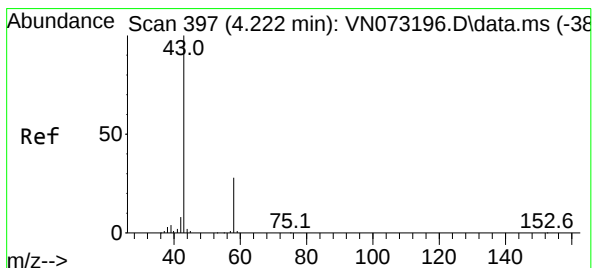
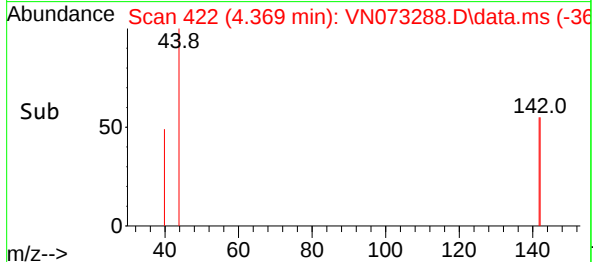
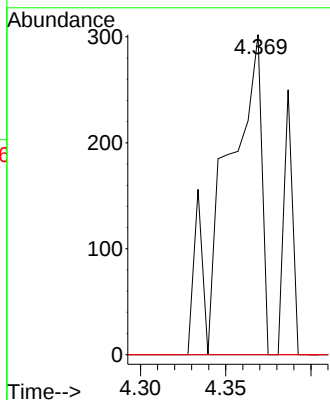
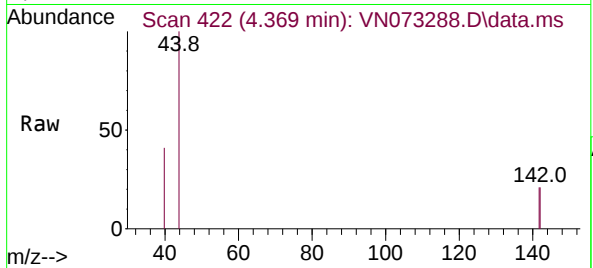




#10
Methyl Iodide
Concen: 3.817 ug/l
RT: 4.369 min Scan# 419
Delta R.T. 0.018 min
Lab File: VN073288.D
Acq: 01 Jul 2022 11:31

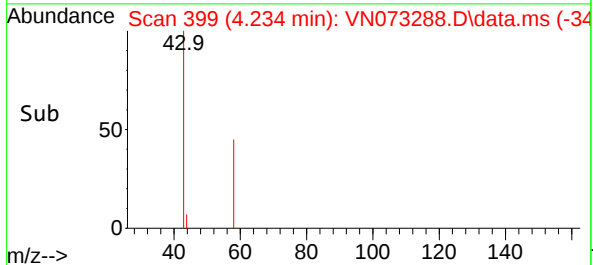
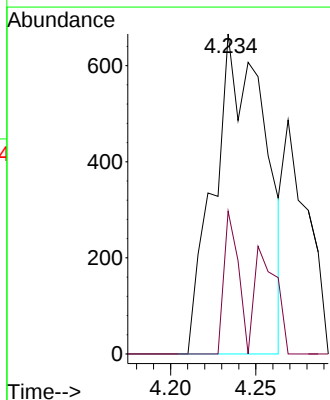
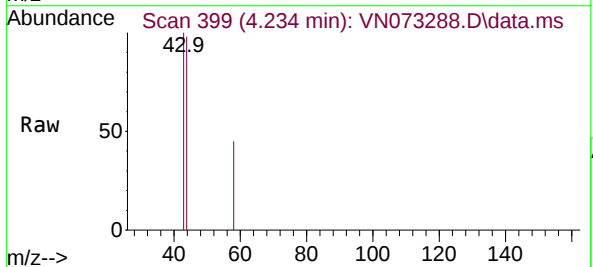
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-03-80DL

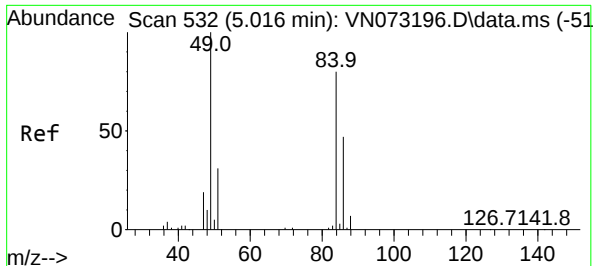
Tgt Ion:142 Resp: 439
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 0.584 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073288.D
Acq: 01 Jul 2022 11:31

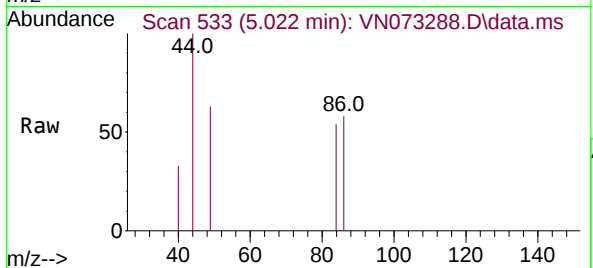
Tgt Ion: 43 Resp: 1392
Ion Ratio Lower Upper
43 100
58 44.6 26.0 39.0#



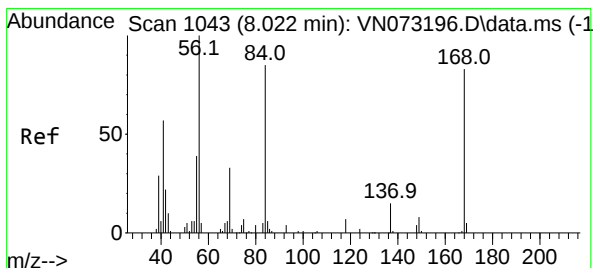
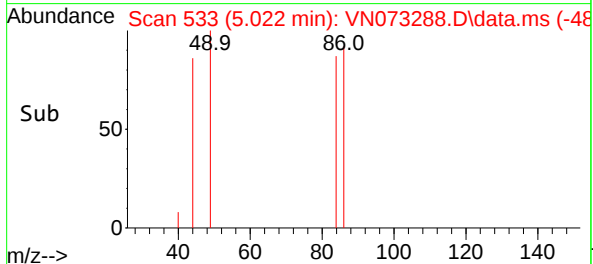
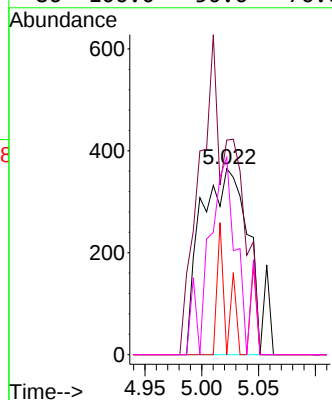


#20
Methylene Chloride
Concen: 0.259 ug/l
RT: 5.022 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073288.D
Acq: 01 Jul 2022 11:31

Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-03-80DL

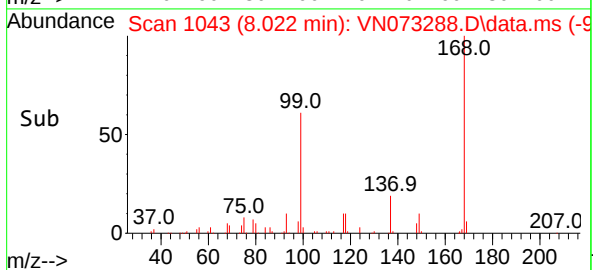
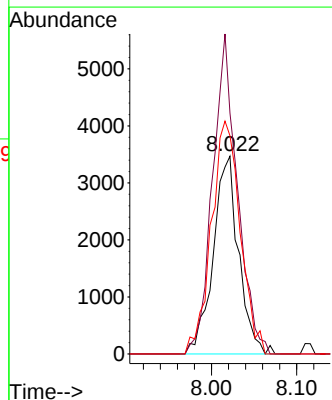
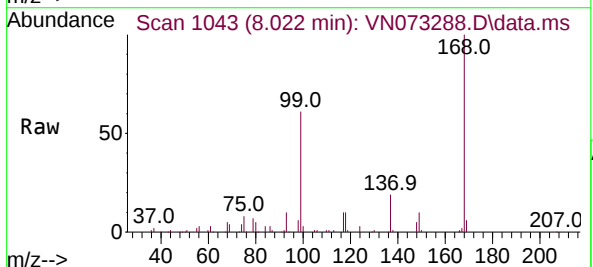


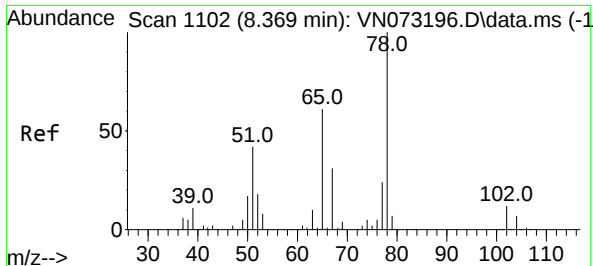
Tgt Ion: 84 Resp: 1083
Ion Ratio Lower Upper
84 100
49 115.3 88.3 132.5
51 0.0 28.2 42.2#
86 106.0 50.6 76.0#



#31
Cyclohexane
Concen: 1.039 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073288.D
Acq: 01 Jul 2022 11:31

Tgt Ion: 56 Resp: 7223
Ion Ratio Lower Upper
56 100
69 121.8 27.8 41.8#
84 110.3 76.9 115.3

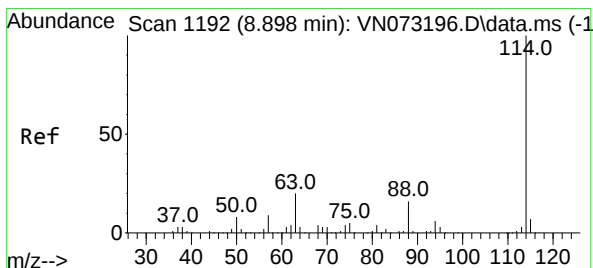
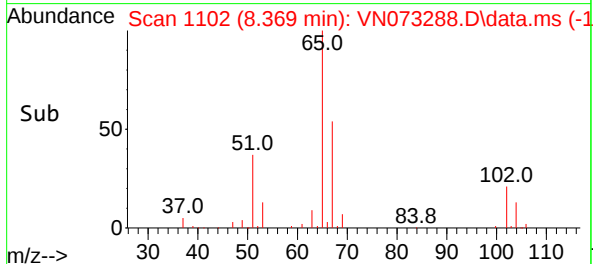
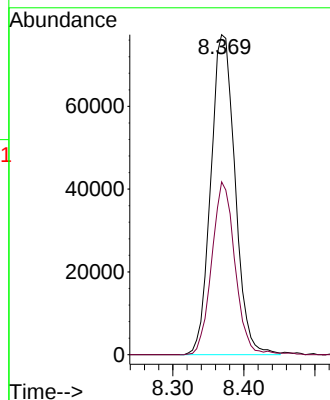
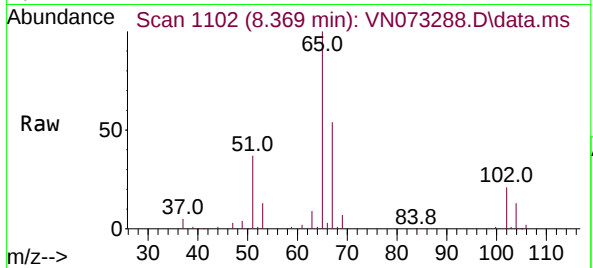




#33
1,2-Dichloroethane-d4
Concen: 43.232 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073288.D
Acq: 01 Jul 2022 11:31

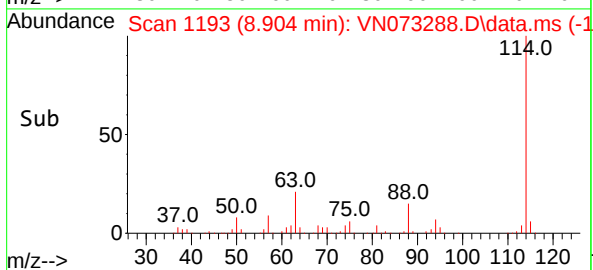
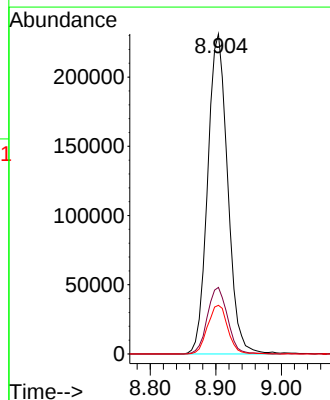
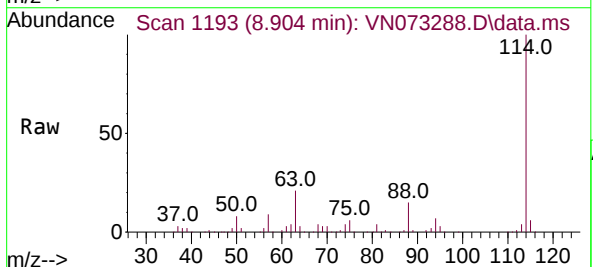
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-03-80DL

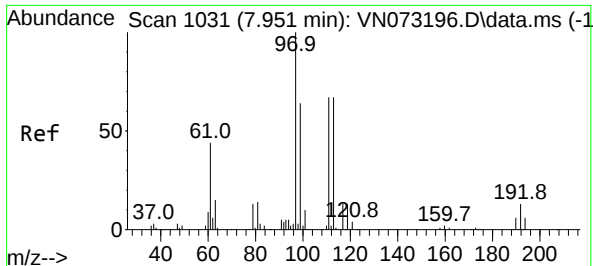
Tgt Ion: 65 Resp: 183510
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073288.D
Acq: 01 Jul 2022 11:31

Tgt Ion: 114 Resp: 489575
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.0
88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.561 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073288.D

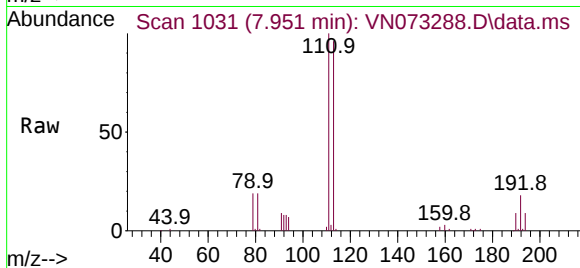
Acq: 01 Jul 2022 11:31

Instrument :

MSVOA_N

ClientSampleId :

152140-SPC-03-80DL



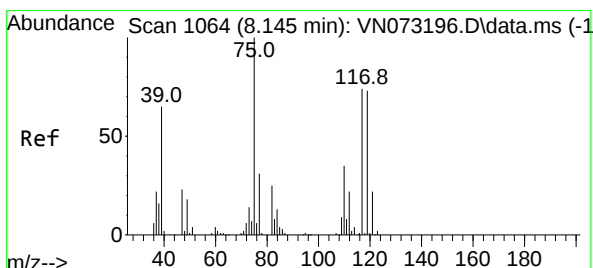
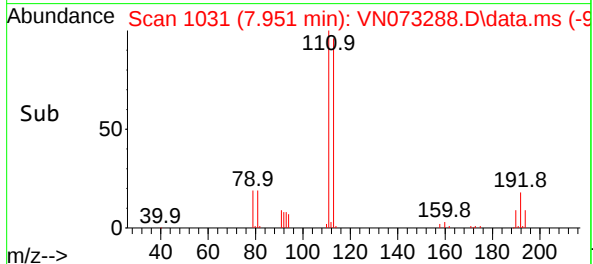
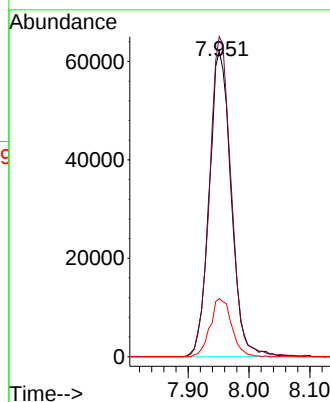
Tgt Ion:113 Resp: 154915

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 18.6 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.911 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073288.D

Acq: 01 Jul 2022 11:31

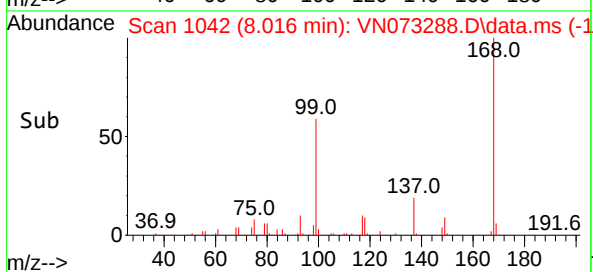
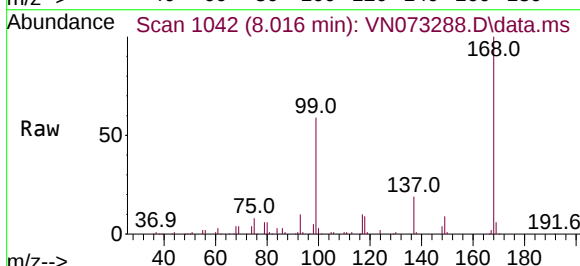
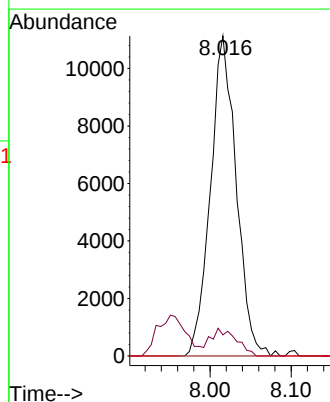
Tgt Ion: 75 Resp: 24612

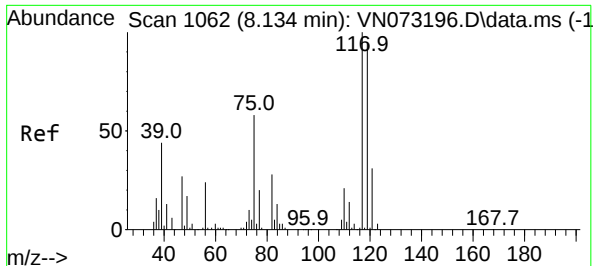
Ion Ratio Lower Upper

75 100

110 8.4 18.3 54.8#

77 0.0 25.1 37.7#

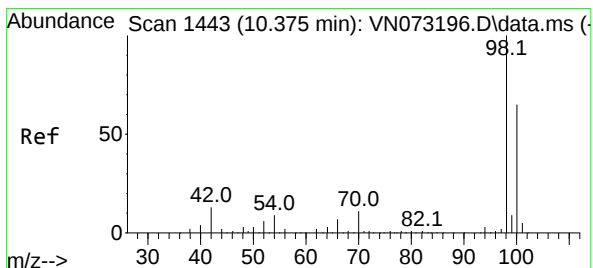
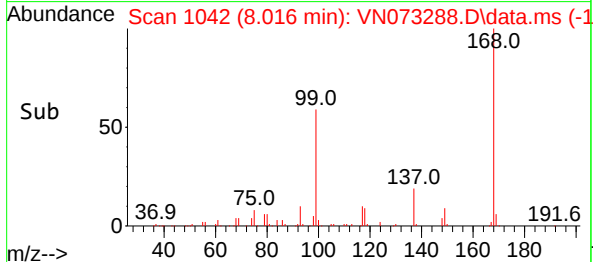
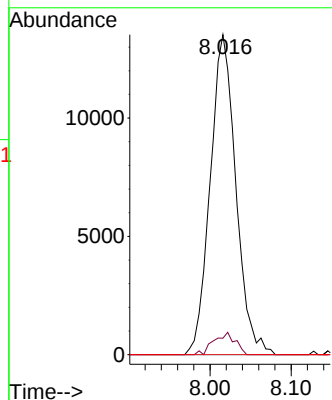
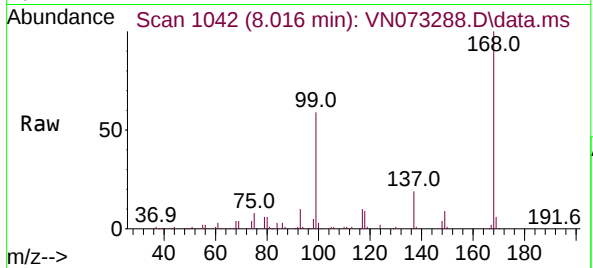




#38
Carbon Tetrachloride
Concen: 5.734 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073288.D
Acq: 01 Jul 2022 11:31

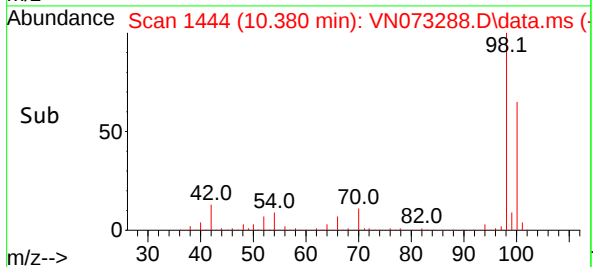
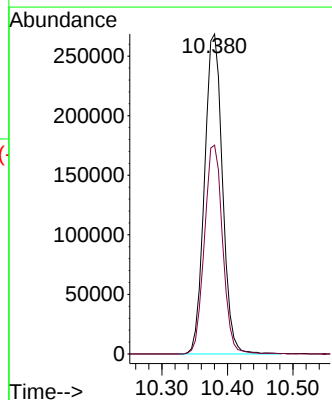
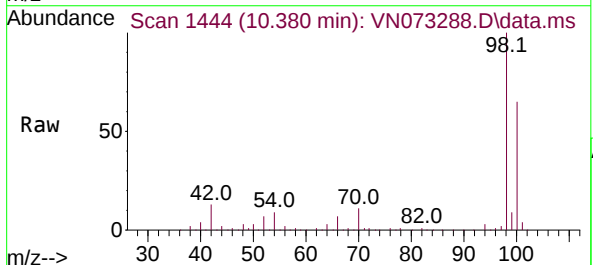
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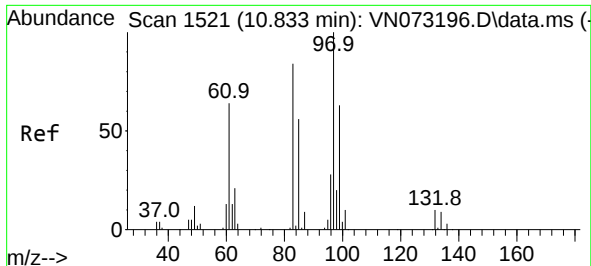
Tgt Ion:117 Resp: 29718
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.286 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073288.D
Acq: 01 Jul 2022 11:31

Tgt Ion: 98 Resp: 512324
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

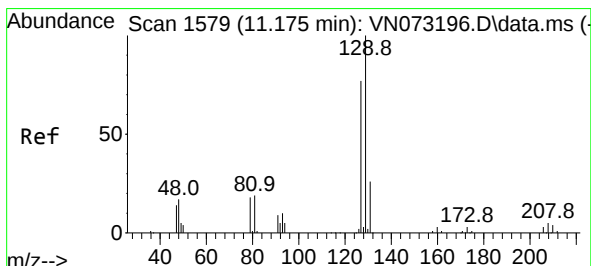
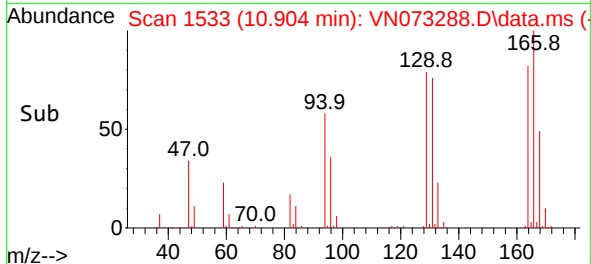
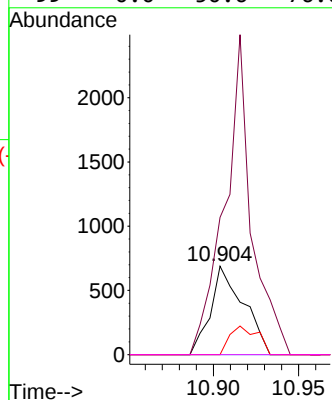
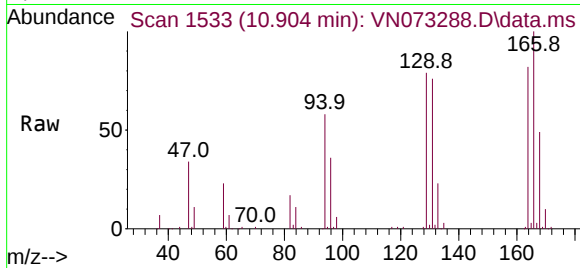




#55
1,1,2-Trichloroethane
Concen: 0.236 ug/l
RT: 10.904 min Scan# 1533
Delta R.T. 0.071 min
Lab File: VN073288.D
Acq: 01 Jul 2022 11:31

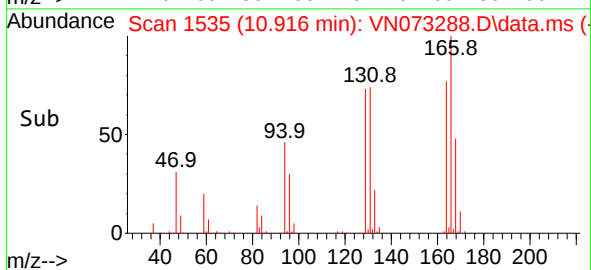
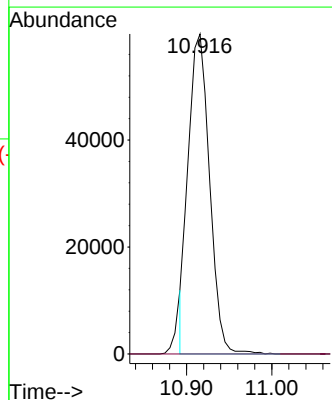
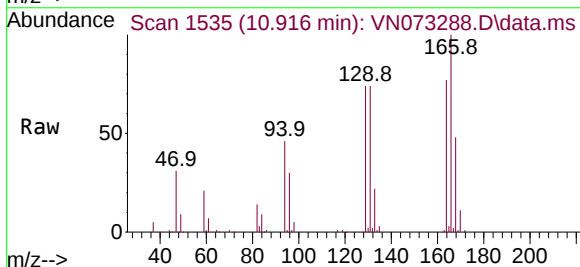
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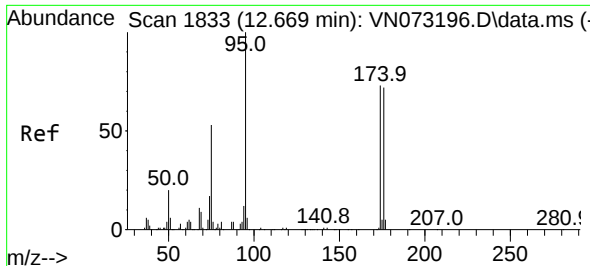
Tgt Ion: 97	Resp:	927
Ion Ratio	Lower	Upper
97	100	
83	155.0	66.2 99.4#
85	0.0	43.9 65.9#
99	0.0	50.6 76.0#



#60
Dibromochloromethane
Concen: 27.665 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.259 min
Lab File: VN073288.D
Acq: 01 Jul 2022 11:31

Tgt Ion: 129	Resp:	103796
Ion Ratio	Lower	Upper
129	100	
127	0.0	38.8 116.4#

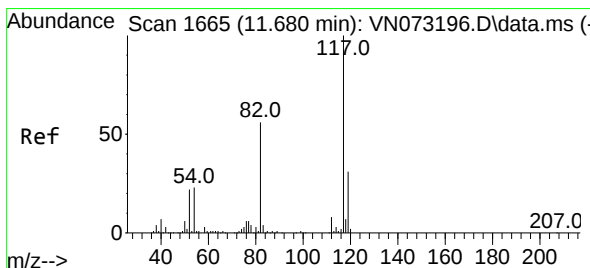
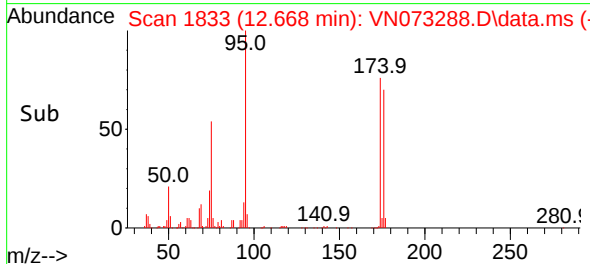
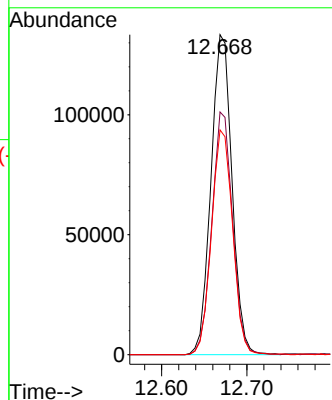
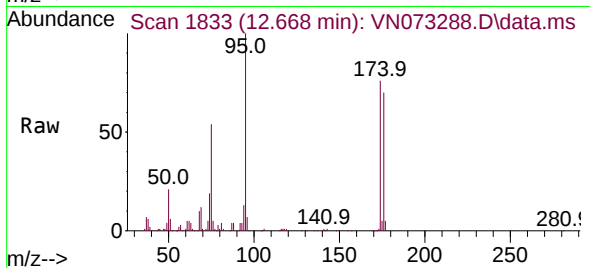




#62
4-Bromofluorobenzene
Concen: 51.450 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073288.D
Acq: 01 Jul 2022 11:31

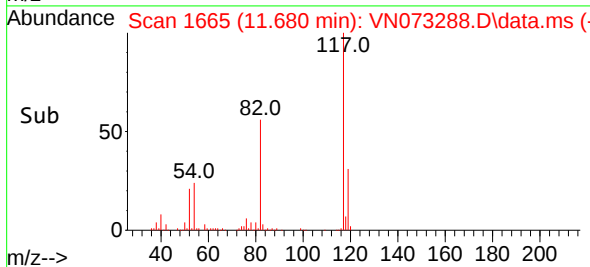
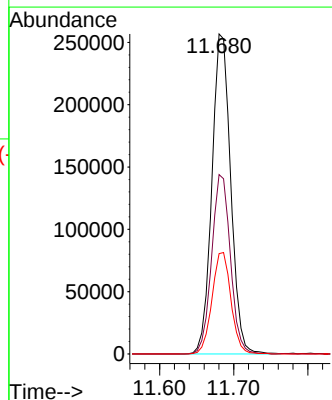
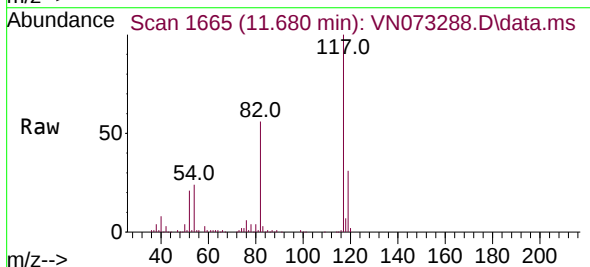
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-03-80DL

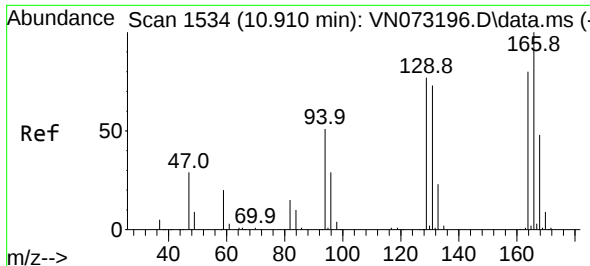
Tgt Ion: 95 Resp: 228731
Ion Ratio Lower Upper
95 100
174 74.9 0.0 167.6
176 70.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073288.D
Acq: 01 Jul 2022 11:31

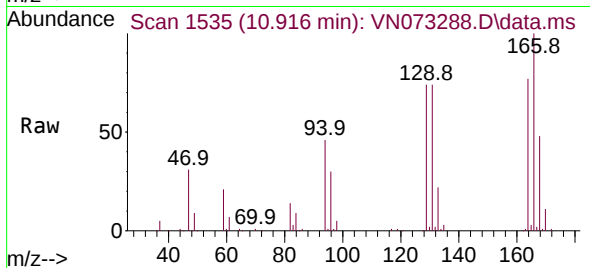
Tgt Ion: 117 Resp: 452641
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 31.4 25.4 38.0



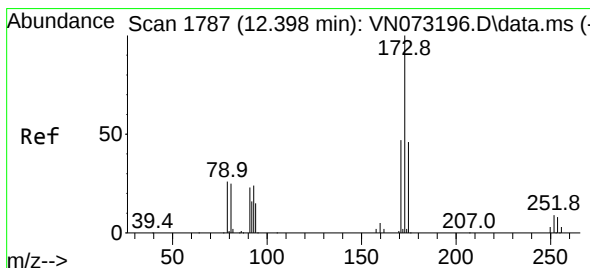
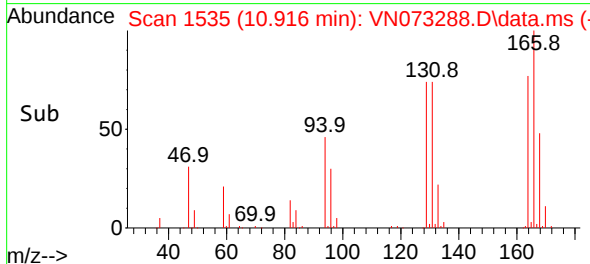
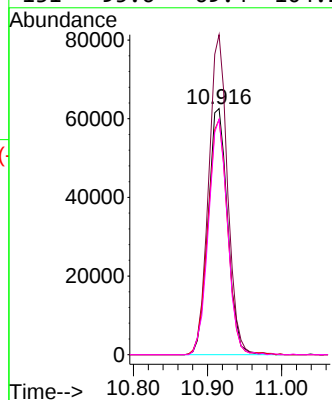


#64
Tetrachloroethene
Concen: 31.040 ug/l
RT: 10.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073288.D
Acq: 01 Jul 2022 11:31

Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-03-80DL

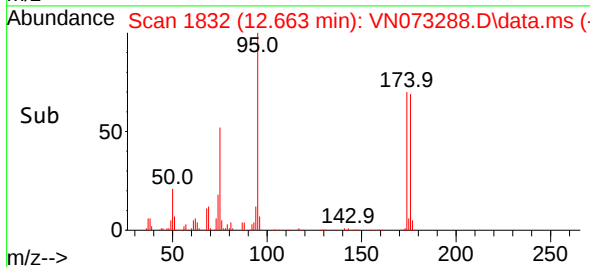
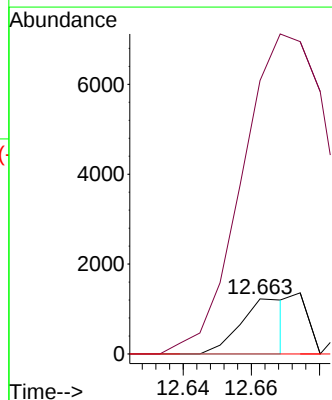
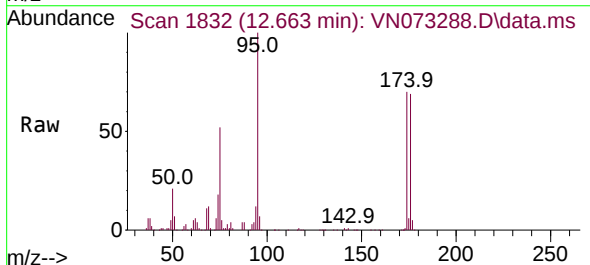


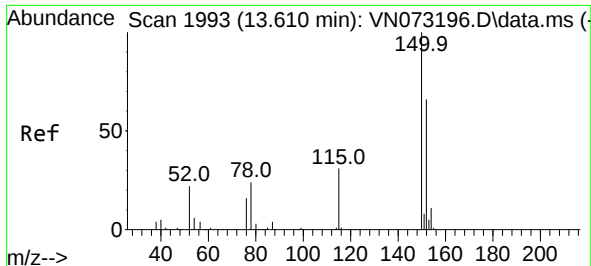
Tgt Ion:164 Resp: 114728
Ion Ratio Lower Upper
164 100
166 130.0 104.2 156.2
129 95.6 73.9 110.9
131 95.6 69.4 104.2



#71
Bromoform
Concen: 0.419 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.265 min
Lab File: VN073288.D
Acq: 01 Jul 2022 11:31

Tgt Ion:173 Resp: 1154
Ion Ratio Lower Upper
173 100
175 801.6 24.6 73.6#
254 0.0 0.1 0.1#

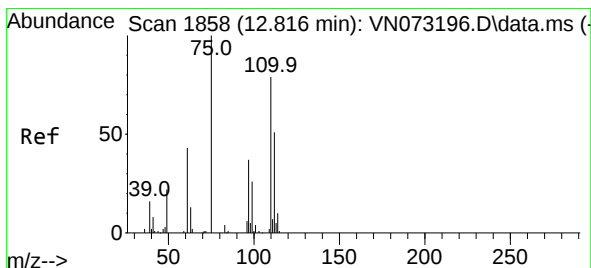
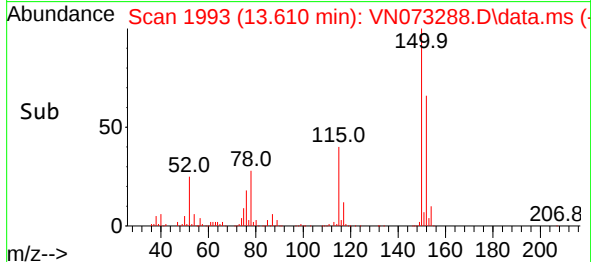
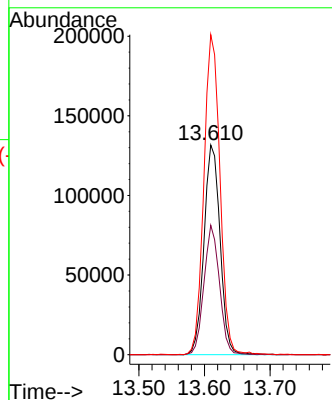
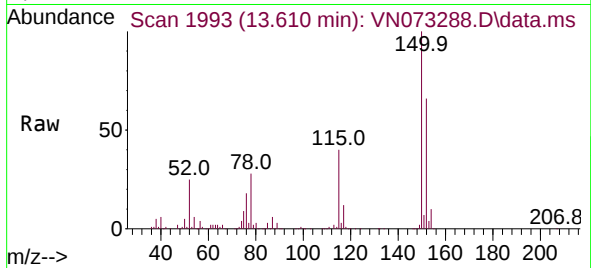




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073288.D
 Acq: 01 Jul 2022 11:31

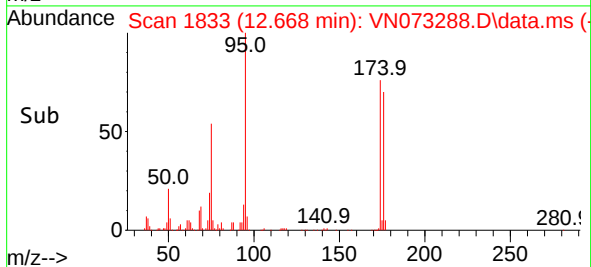
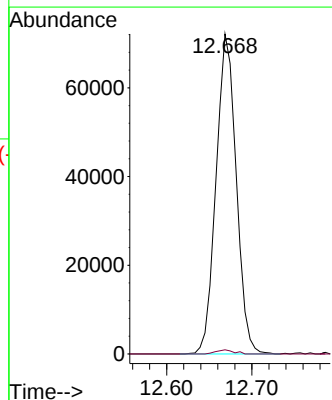
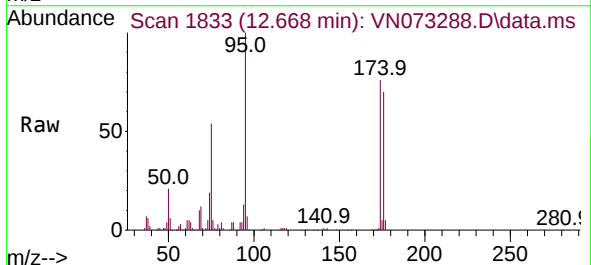
Instrument :
 MSVOA_N
 ClientSampleId :
 152140-SPC-03-80DL

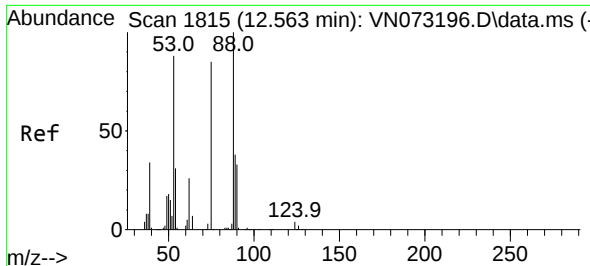
Tgt Ion:152 Resp: 224866
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.9 86.7
 150 153.0 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.194 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.148 min
 Lab File: VN073288.D
 Acq: 01 Jul 2022 11:31

Tgt Ion: 75 Resp: 118734
 Ion Ratio Lower Upper
 75 100
 77 1.1 98.5 295.5#

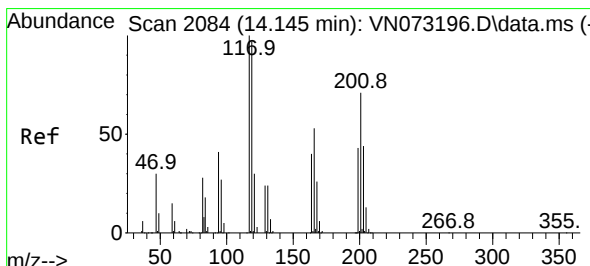
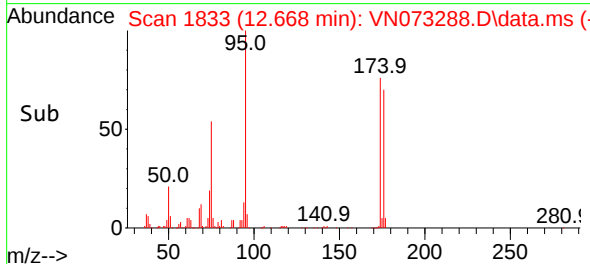
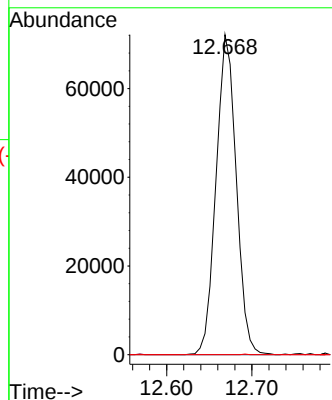
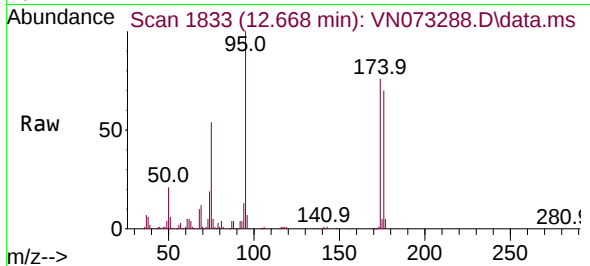




#81
trans-1,4-Dichloro-2-butene
Concen: 55.380 ug/l
RT: 12.668 min Scan# 1815
Delta R.T. 0.105 min
Lab File: VN073288.D
Acq: 01 Jul 2022 11:31

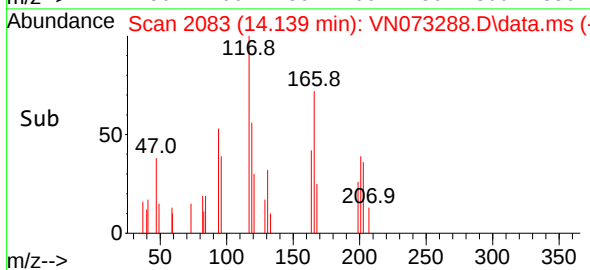
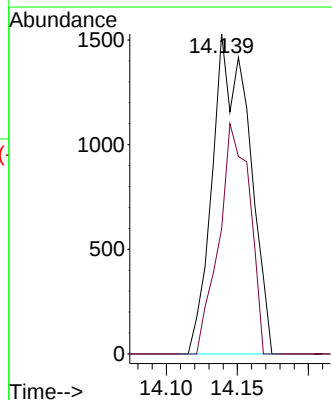
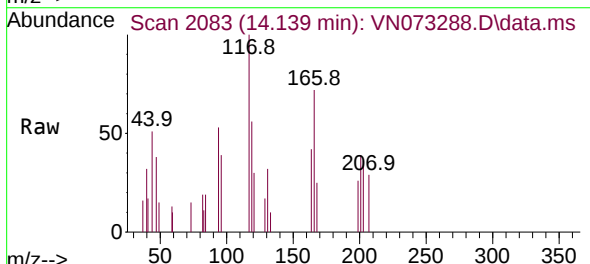
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-03-80DL

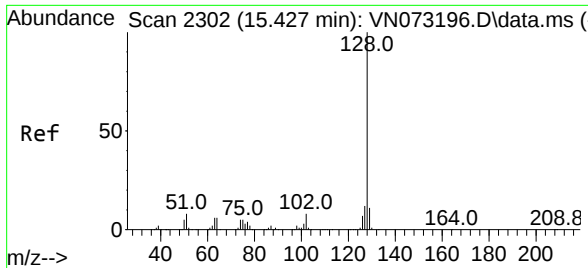
Tgt Ion: 75 Resp: 118734
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#90
Hexachloroethane
Concen: 0.965 ug/l
RT: 14.139 min Scan# 2083
Delta R.T. -0.006 min
Lab File: VN073288.D
Acq: 01 Jul 2022 11:31

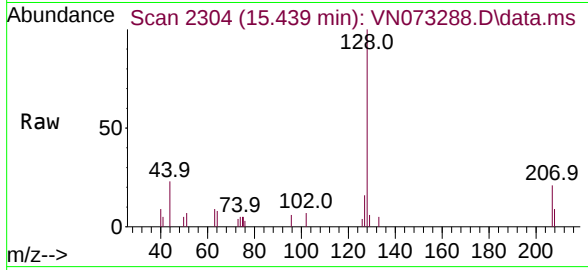
Tgt Ion: 117 Resp: 2768
Ion Ratio Lower Upper
117 100
201 59.5 40.6 122.0





#95
Naphthalene
Concen: 0.615 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN073288.D
Acq: 01 Jul 2022 11:31

Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-03-80DL



Tgt Ion:	128	Resp:	10666
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	8.9	8.6	13.0

