

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073302.D
 Acq On : 01 Jul 2022 17:15
 Operator : JC\MD
 Sample : N3569-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-SPC-05-70

Quant Time: Jul 04 05:06:48 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)

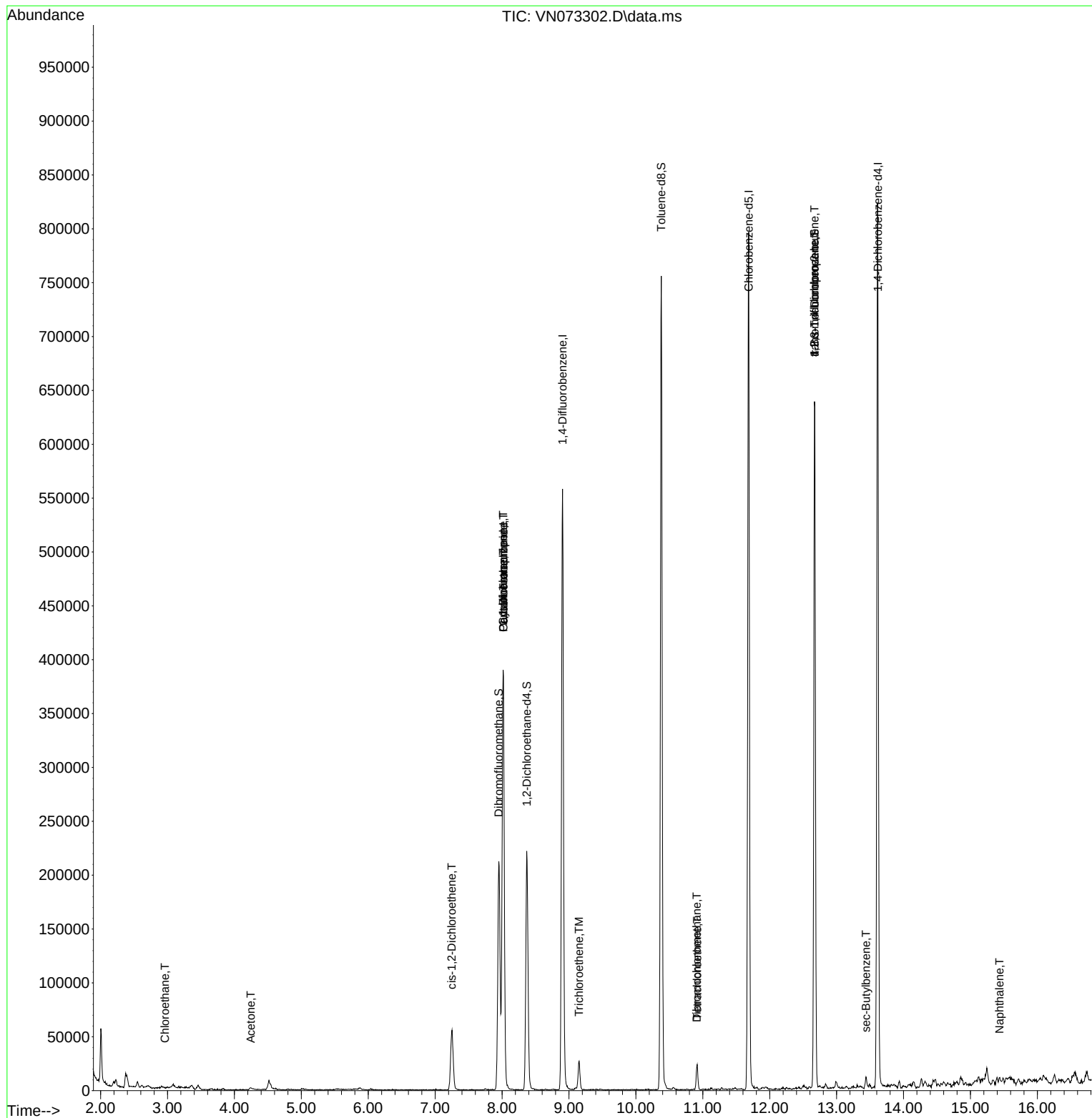
Internal Standards						
1) Pentafluorobenzene	8.022	168	297943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	485816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	452670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	220085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	185997	43.244	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.480%
35) Dibromofluoromethane	7.951	113	158139	48.926	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.860%
50) Toluene-d8	10.380	98	515925	44.942	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.880%
62) 4-Bromofluorobenzene	12.668	95	227500	51.569	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.140%
Target Compounds						
					Qvalue	
6) Chloroethane	2.963	64	488	0.231	ug/l #	42
16) Acetone	4.245	43	3720	1.541	ug/l	91
27) cis-1,2-Dichloroethene	7.245	96	34746	7.829	ug/l	92
31) Cyclohexane	8.016	56	6972	0.990	ug/l #	29
36) 1,1-Dichloropropene	8.016	75	24838	4.994	ug/l #	49
38) Carbon Tetrachloride	8.022	117	30697	5.969	ug/l #	16
44) Trichloroethene	9.151	130	9866	2.526	ug/l	92
60) Dibromochloromethane	10.910	129	4838	1.299	ug/l #	11
64) Tetrachloroethene	10.916	164	5294	1.432	ug/l	95
76) 1,2,3-Trichloropropane	12.668	75	117536	20.424	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	117536	56.012	ug/l #	11
85) sec-Butylbenzene	13.439	105	5691	0.305	ug/l	90
95) Naphthalene	15.433	128	6313	0.372	ug/l	98

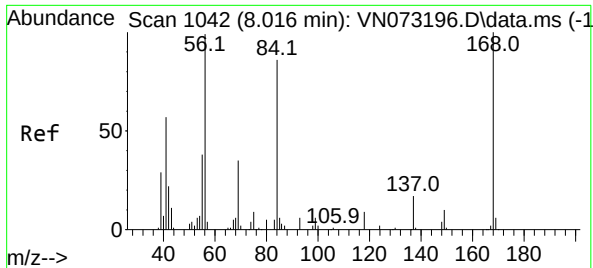
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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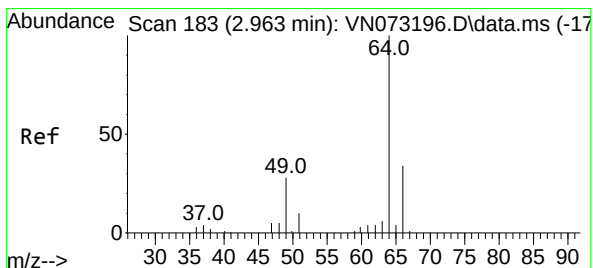
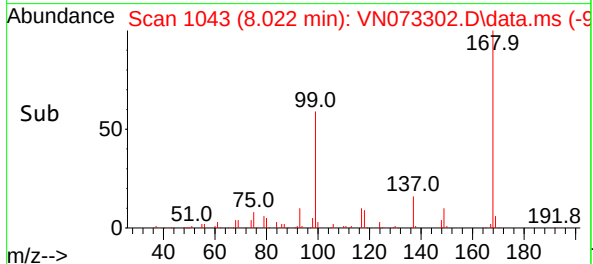
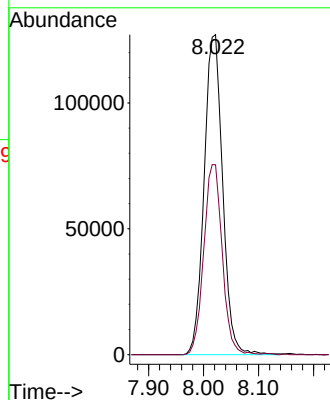
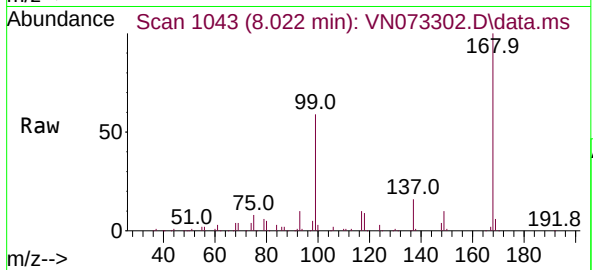




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

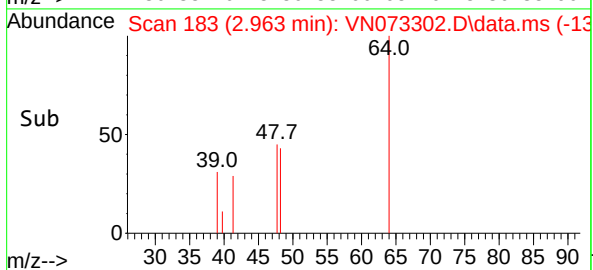
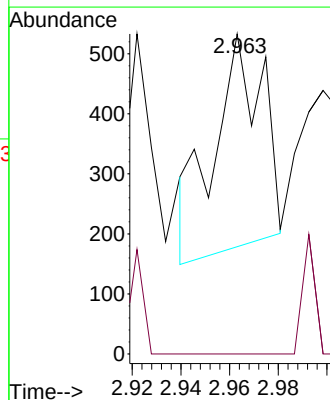
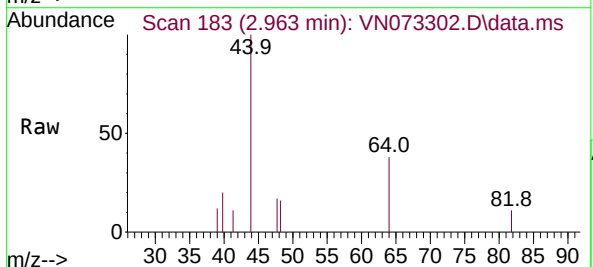
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-05-70

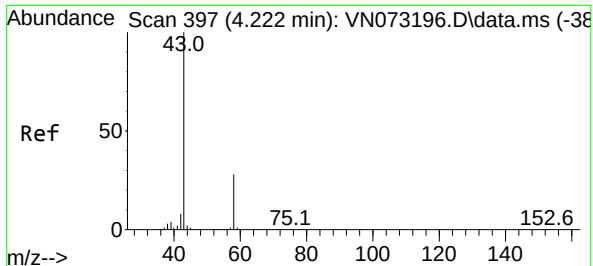
Tgt Ion:168 Resp: 297943
Ion Ratio Lower Upper
168 100
99 59.4 42.3 63.5



#6
Chloroethane
Concen: 0.231 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.000 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

Tgt Ion: 64 Resp: 488
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

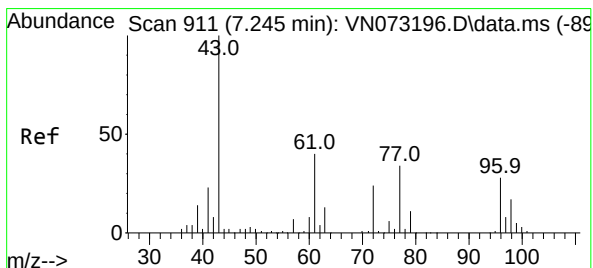
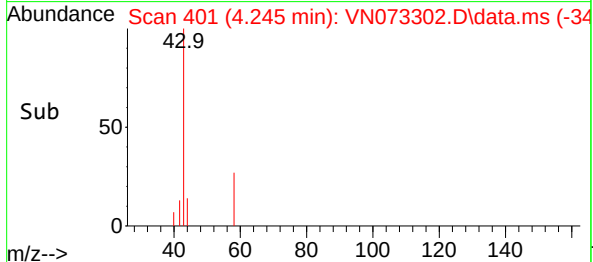
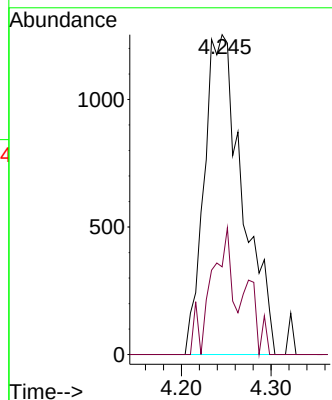
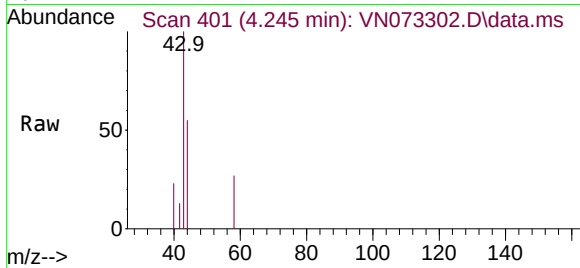




#16
Acetone
Concen: 1.541 ug/l
RT: 4.245 min Scan# 401
Delta R.T. 0.023 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

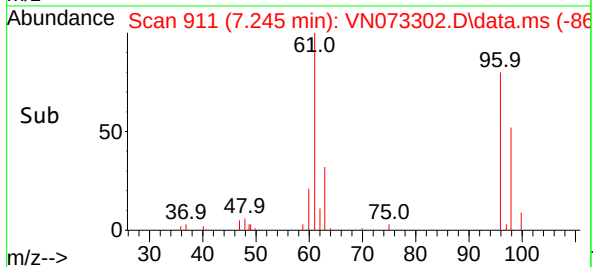
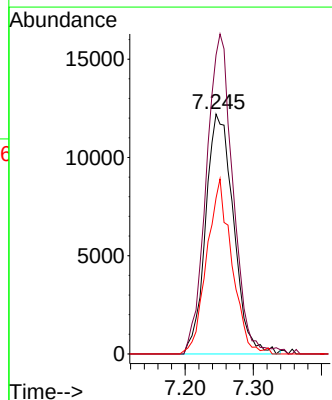
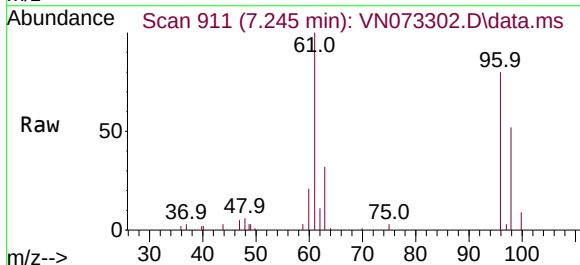
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-05-70

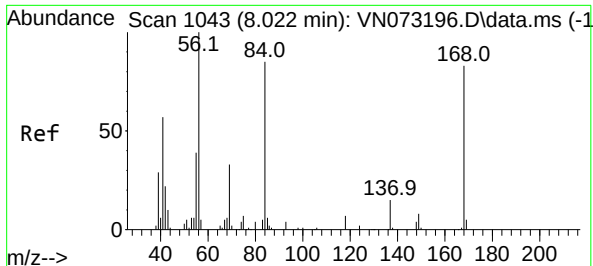
Tgt Ion: 43 Resp: 3720
Ion Ratio Lower Upper
43 100
58 27.4 26.0 39.0



#27
cis-1,2-Dichloroethene
Concen: 7.829 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

Tgt Ion: 96 Resp: 34746
Ion Ratio Lower Upper
96 100
61 127.7 0.0 280.6
98 65.8 0.0 128.4





#31

Cyclohexane

Concen: 0.990 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN073302.D

Acq: 01 Jul 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

152140-SPC-05-70

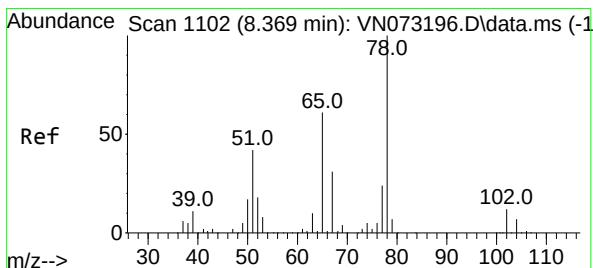
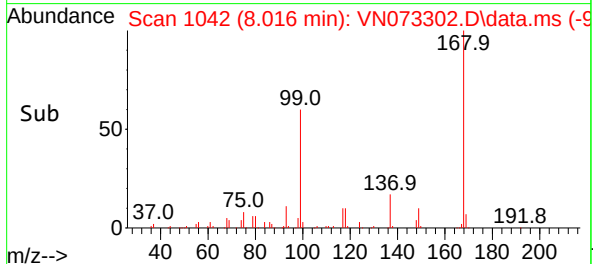
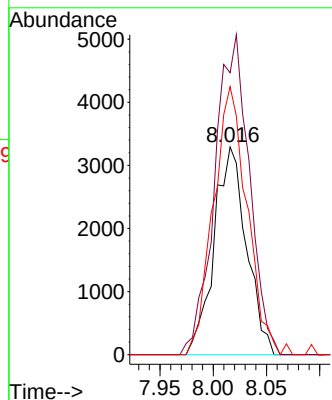
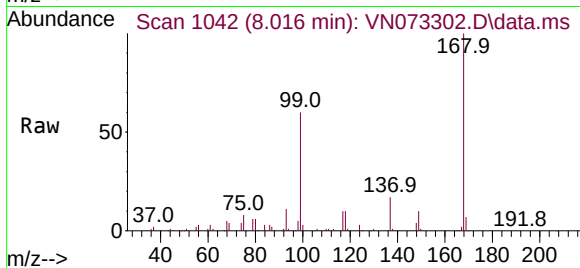
Tgt Ion: 56 Resp: 6972

Ion Ratio Lower Upper

56 100

69 135.8 27.8 41.8#

84 129.1 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 43.244 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073302.D

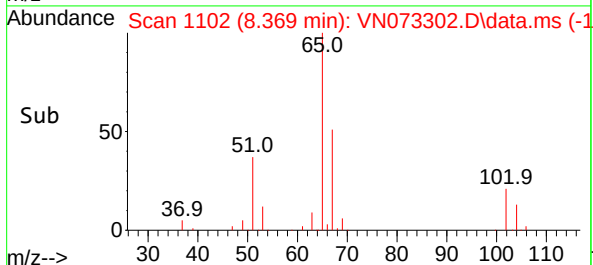
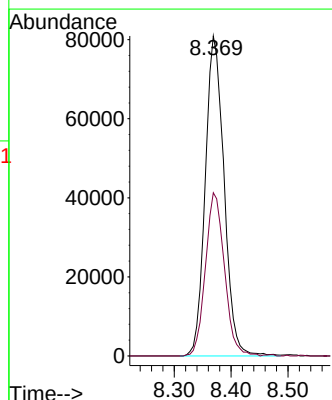
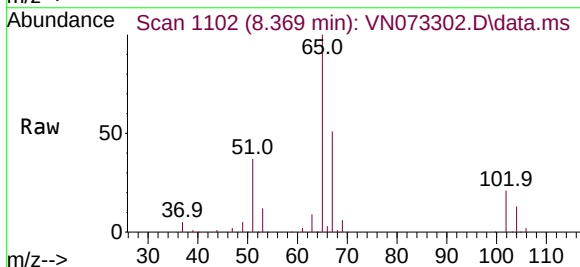
Acq: 01 Jul 2022 17:15

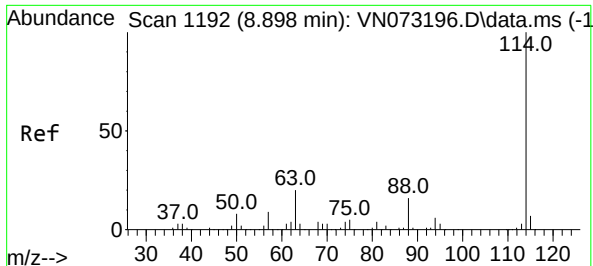
Tgt Ion: 65 Resp: 185997

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.8

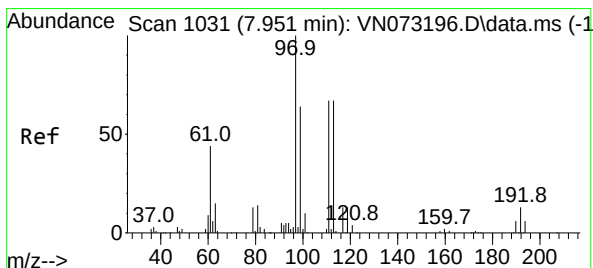
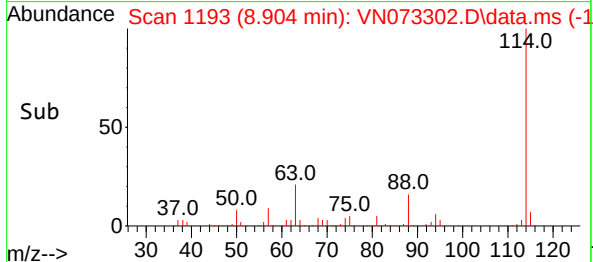
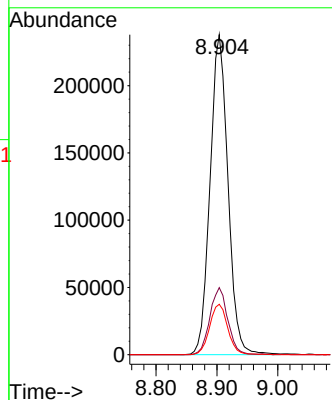
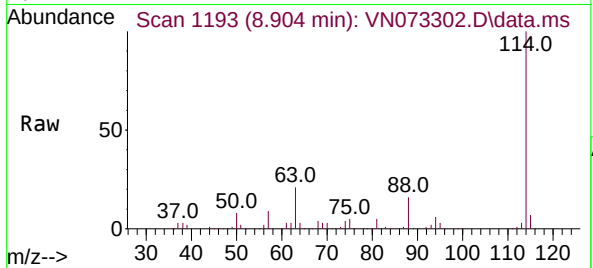




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

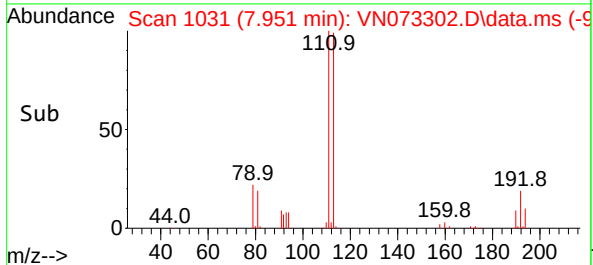
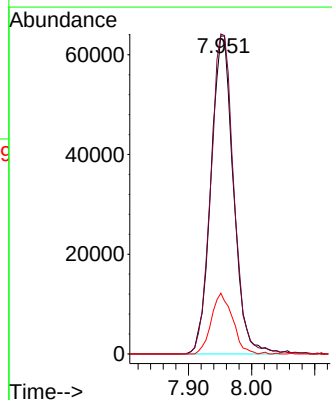
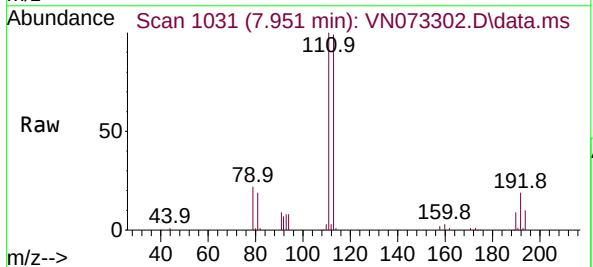
Instrument :
MSVOA_N
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152140-SPC-05-70

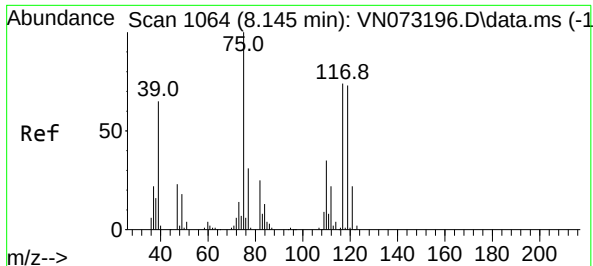
Tgt Ion:114 Resp: 485816
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.0
88 15.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.926 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

Tgt Ion:113 Resp: 158139
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 18.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.994 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073302.D

Acq: 01 Jul 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

152140-SPC-05-70

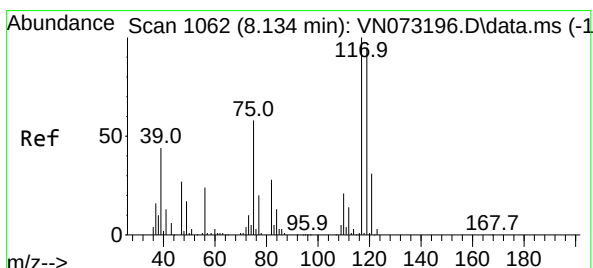
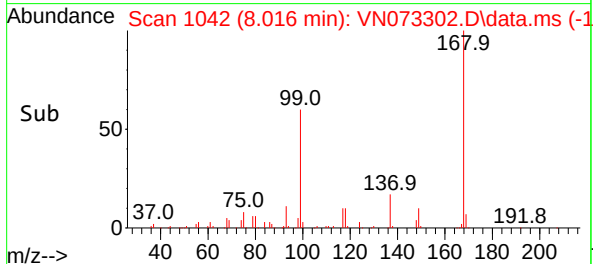
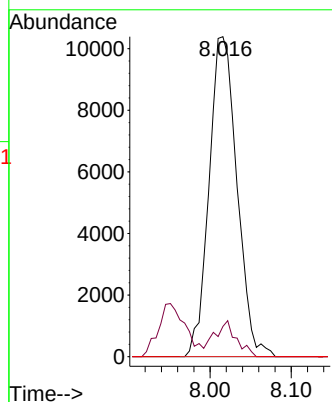
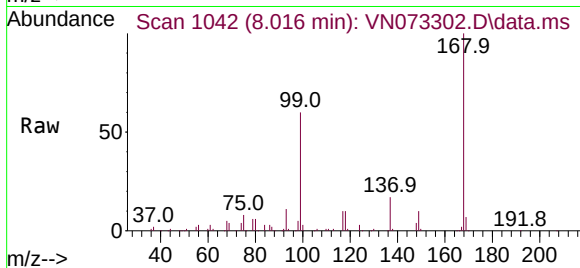
Tgt Ion: 75 Resp: 24838

Ion Ratio Lower Upper

75 100

110 8.7 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.969 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.112 min

Lab File: VN073302.D

Acq: 01 Jul 2022 17:15

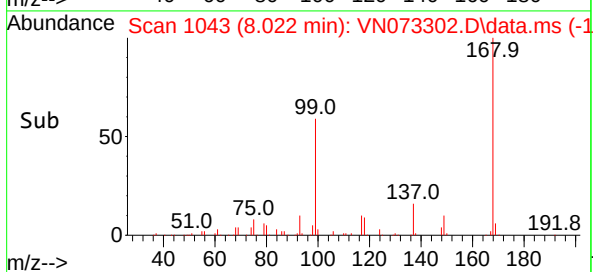
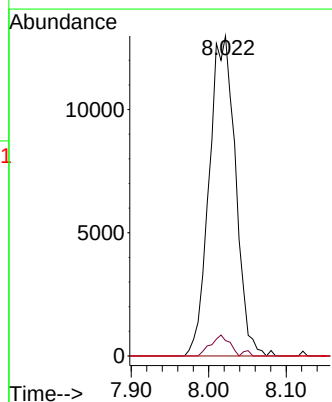
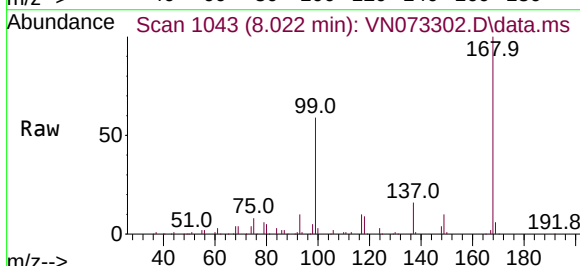
Tgt Ion: 117 Resp: 30697

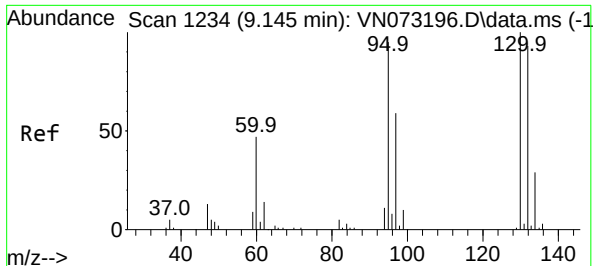
Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.8#

121 0.0 24.6 37.0#

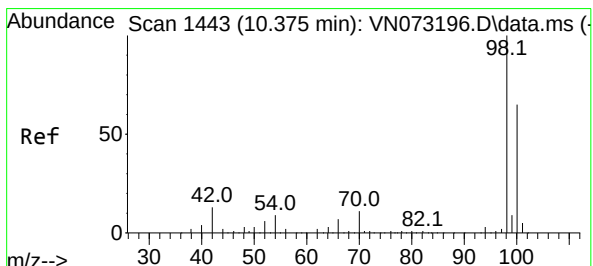
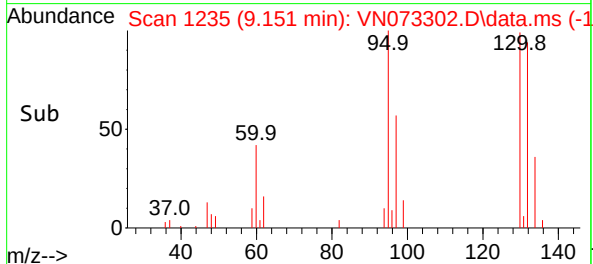
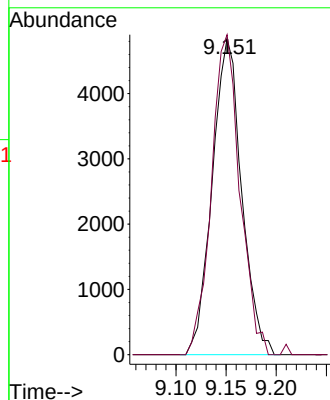
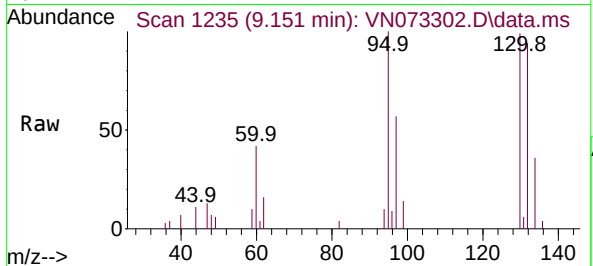




#44
Trichloroethene
Concen: 2.526 ug/l
RT: 9.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

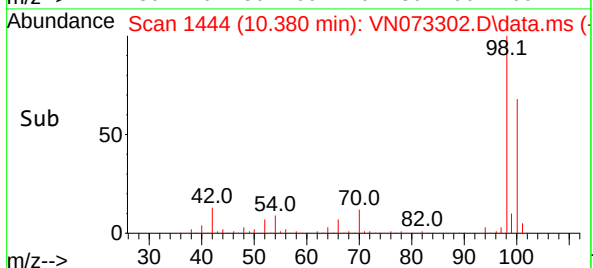
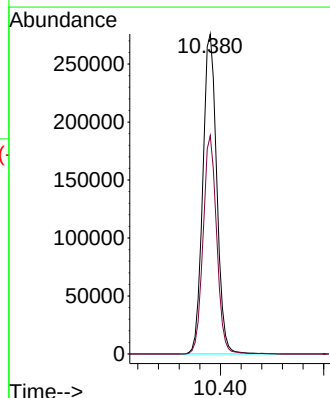
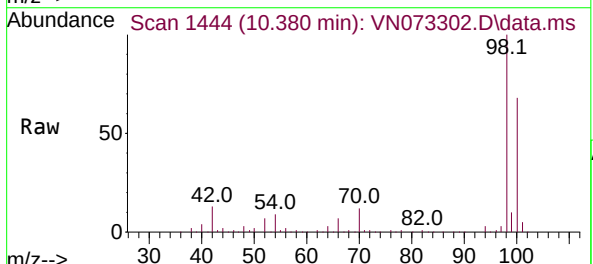
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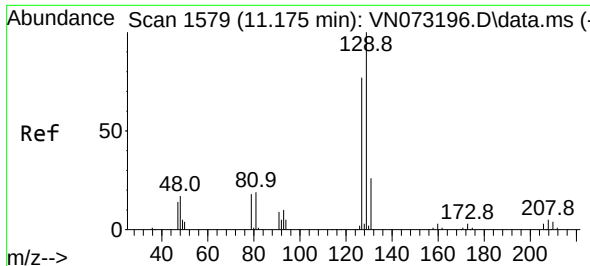
Tgt Ion:130 Resp: 9866
Ion Ratio Lower Upper
130 100
95 101.2 0.0 186.8



#50
Toluene-d8
Concen: 44.942 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

Tgt Ion: 98 Resp: 515925
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8

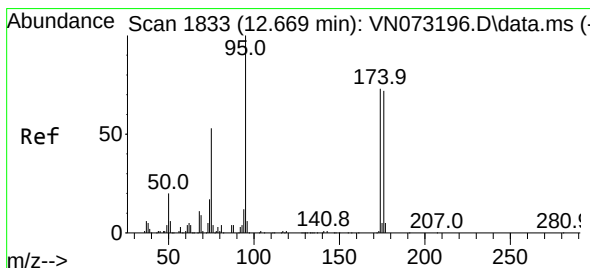
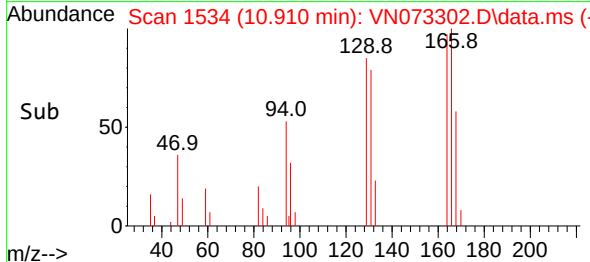
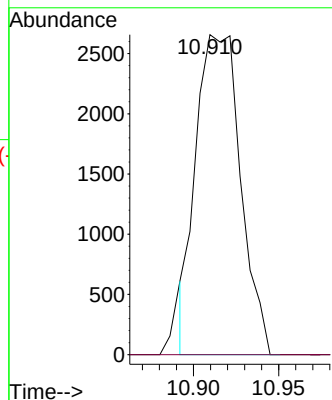
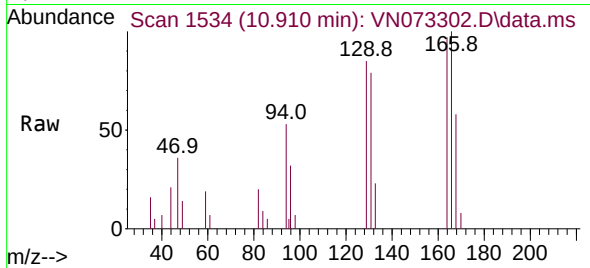




#60
Dibromochloromethane
Concen: 1.299 ug/l
RT: 10.910 min Scan# 111
Delta R.T. -0.265 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

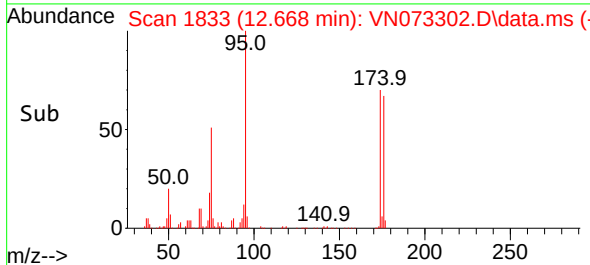
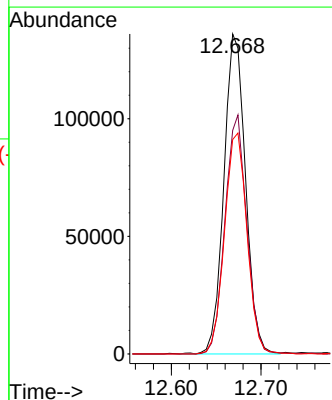
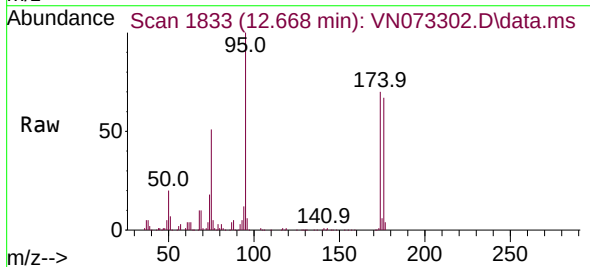
Instrument :
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152140-SPC-05-70

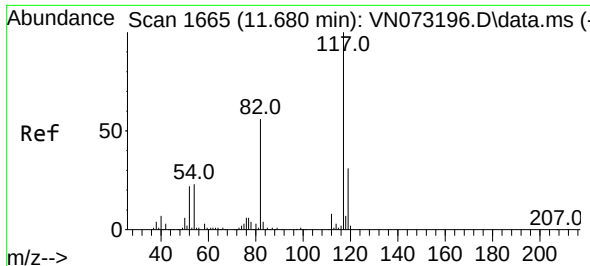
Tgt Ion:129 Resp: 4838
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 51.569 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

Tgt Ion: 95 Resp: 227500
Ion Ratio Lower Upper
95 100
174 75.4 0.0 167.6
176 71.8 0.0 163.4

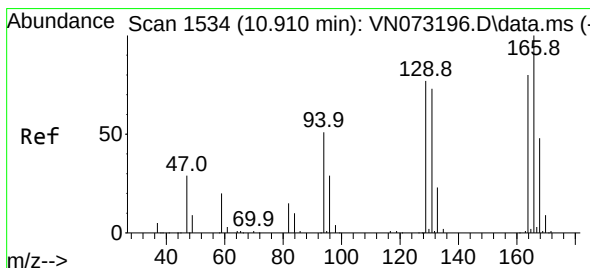
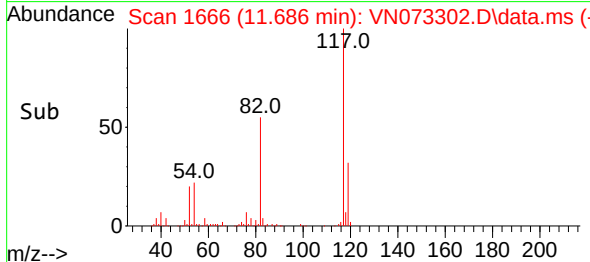
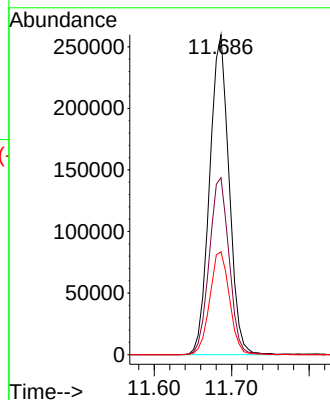
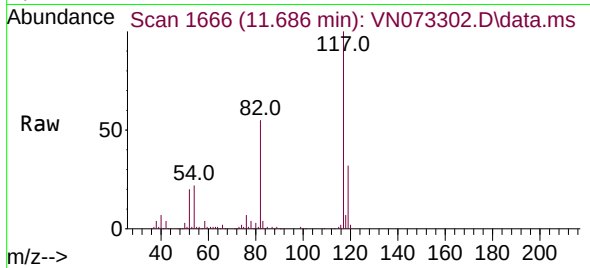




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

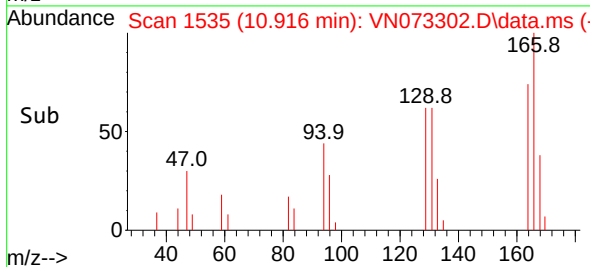
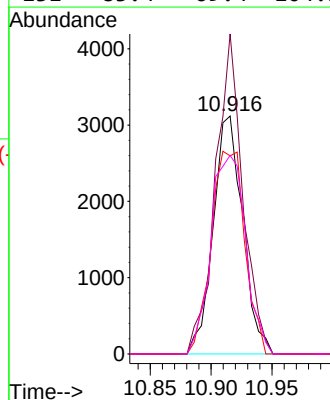
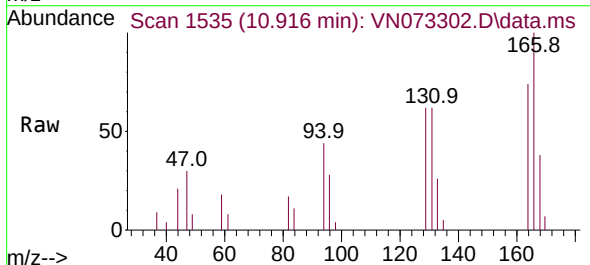
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-05-70

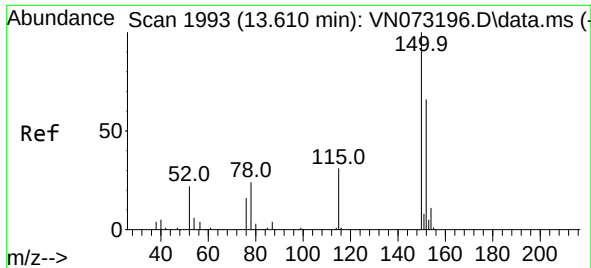
Tgt Ion:117 Resp: 452670
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 1.432 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

Tgt Ion:164 Resp: 5294
Ion Ratio Lower Upper
164 100
166 134.5 104.2 156.2
129 83.2 73.9 110.9
131 83.4 69.4 104.2

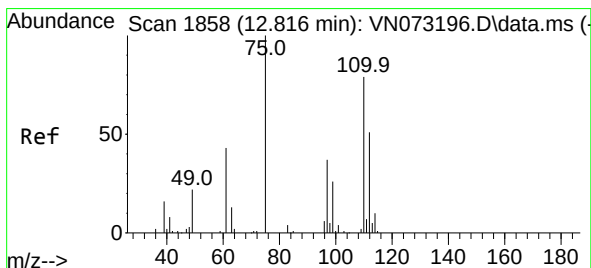
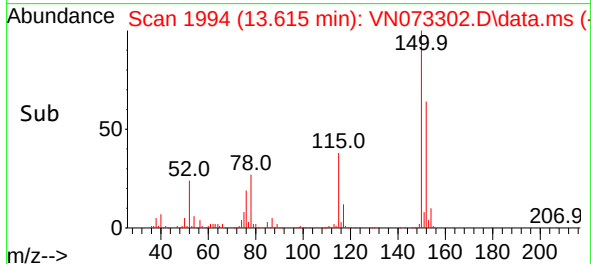
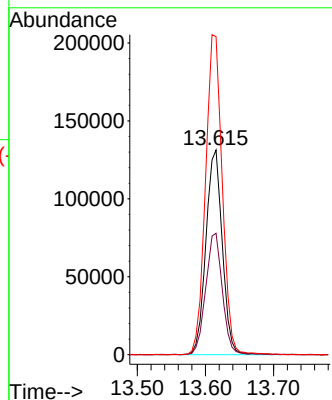
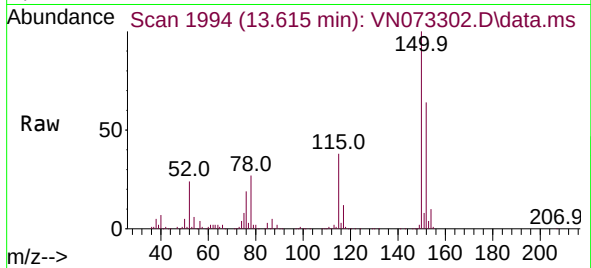




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1993
 Delta R.T. 0.005 min
 Lab File: VN073302.D
 Acq: 01 Jul 2022 17:15

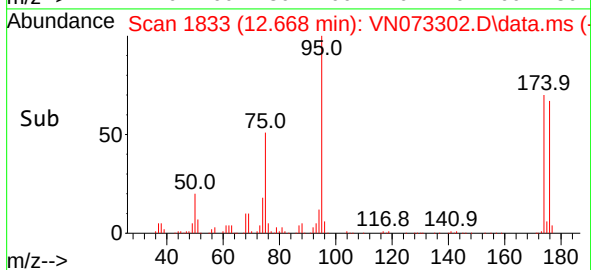
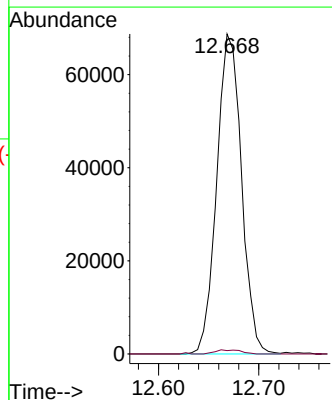
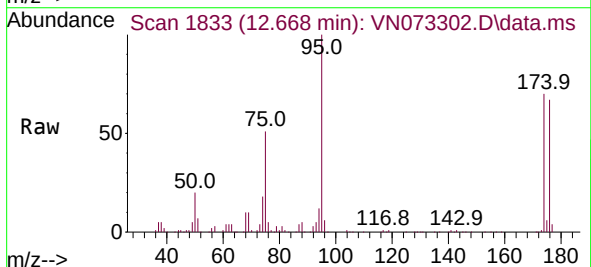
Instrument :
 MSVOA_N
 ClientSampleId :
 152140-SPC-05-70

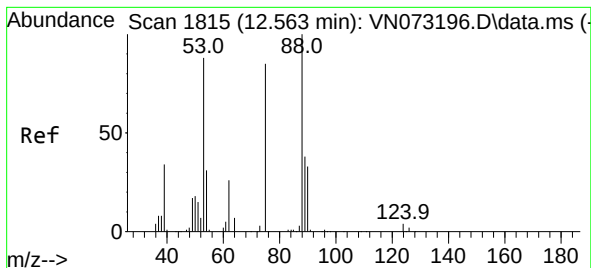
Tgt Ion:152 Resp: 220085
 Ion Ratio Lower Upper
 152 100
 115 60.1 28.9 86.7
 150 159.1 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.424 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.148 min
 Lab File: VN073302.D
 Acq: 01 Jul 2022 17:15

Tgt Ion: 75 Resp: 117536
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#

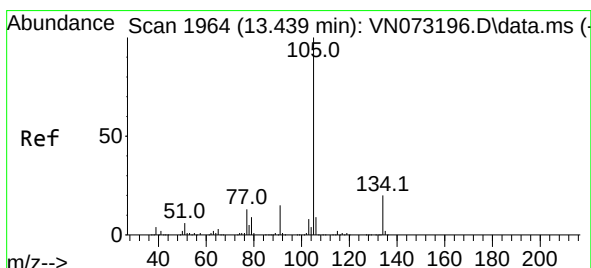
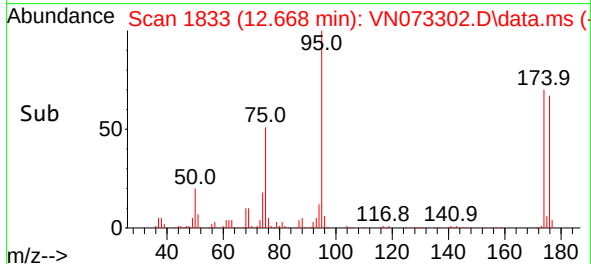
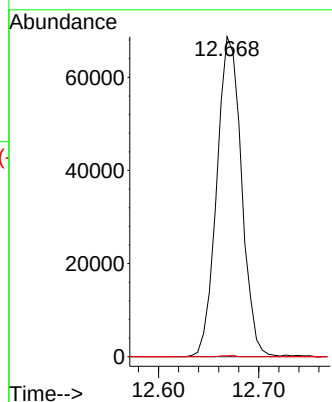
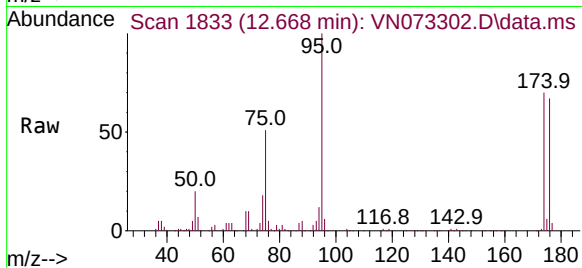




#81
trans-1,4-Dichloro-2-butene
Concen: 56.012 ug/l
RT: 12.668 min Scan# 1815
Delta R.T. 0.105 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

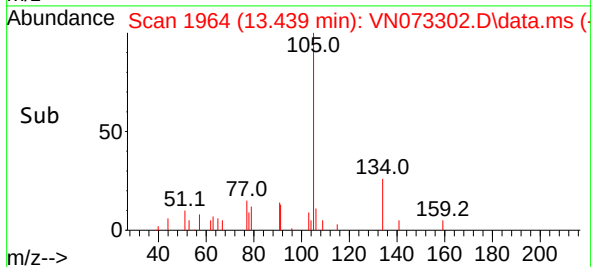
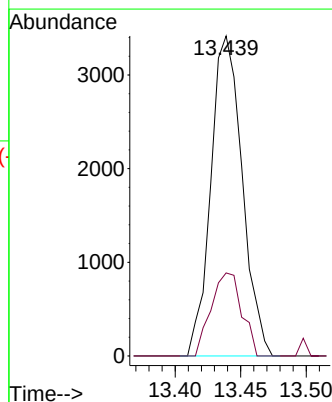
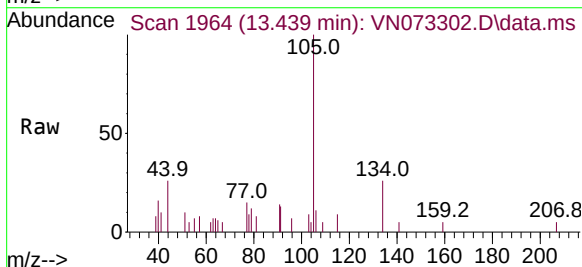
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-05-70

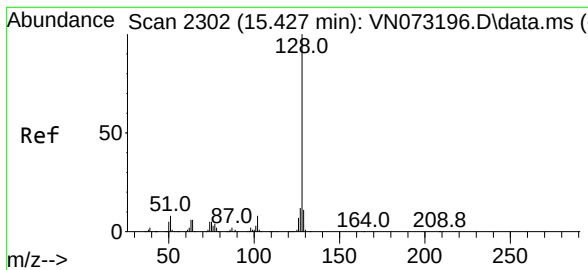
Tgt Ion: 75 Resp: 117536
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.2 37.2 55.8#



#85
sec-Butylbenzene
Concen: 0.305 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

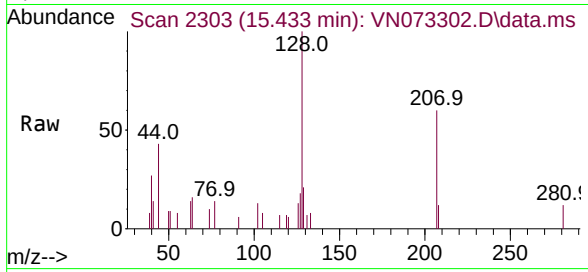
Tgt Ion:105 Resp: 5691
Ion Ratio Lower Upper
105 100
134 25.3 10.4 31.1





#95
 Naphthalene
 Concen: 0.372 ug/l
 RT: 15.433 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN073302.D
 Acq: 01 Jul 2022 17:15

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-SPC-05-70



Tgt Ion:	128	Resp:	6313
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	9.6	8.6	13.0

