

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123120\
 Data File : VX020492.D
 Acq On : 31 Dec 2020 18:43
 Operator : JC/MD
 Sample : L5253-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SLUICEWAY-123020

Quant Time: Jan 01 00:13:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

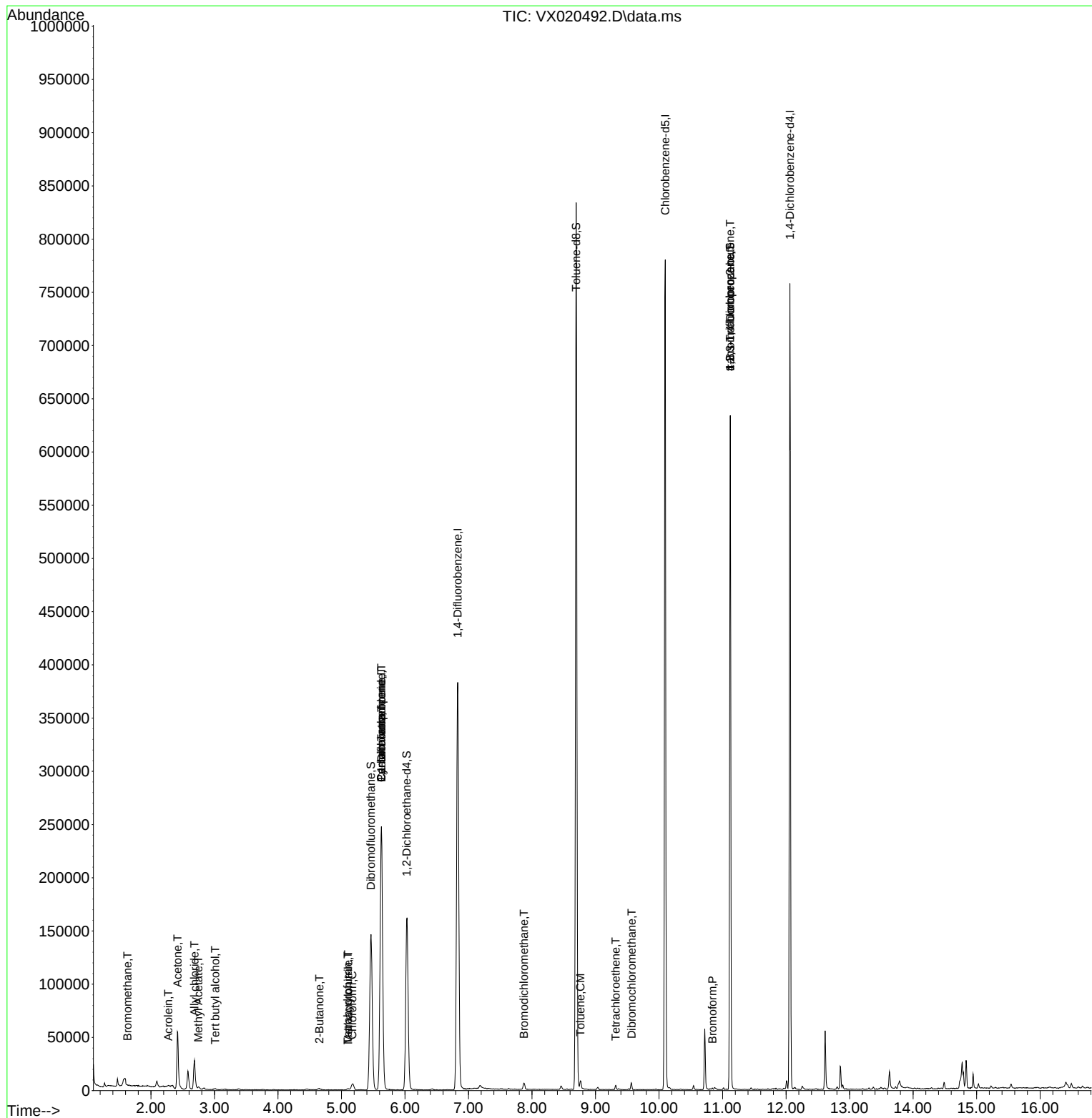
Internal Standards						
1) Pentafluorobenzene	5.629	168	233401	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	390866	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	364144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	159903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	154789	49.48	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.96%		
35) Dibromofluoromethane	5.464	113	128396	51.35	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.70%		
50) Toluene-d8	8.695	98	484307	50.32	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.64%		
62) 4-Bromofluorobenzene	11.122	95	166542	45.21	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.42%		
Target Compounds					Qvalue	
5) Bromomethane	1.629	94	210	0.20	ug/l #	59
11) Tert butyl alcohol	3.013	59	1113	1.59	ug/l #	79
13) Acrolein	2.270	56	345	0.79	ug/l #	14
14) Allyl chloride	2.684	41	28362	6.70	ug/l #	41
16) Acetone	2.416	43	56516	39.61	ug/l	97
18) Methyl Acetate	2.745	43	2713	0.85	ug/l #	81
25) 2-Butanone	4.653	43	2580	1.24	ug/l	93
29) Tetrahydrofuran	5.098	42	900	0.69	ug/l #	57
30) Chloroform	5.172	83	6830	1.32	ug/l	100
31) Cyclohexane	5.629	56	4458	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	17776	4.60	ug/l #	48
38) Carbon Tetrachloride	5.629	117	23052	6.27	ug/l #	17
41) Methacrylonitrile	5.104	41	670	0.31	ug/l #	38
47) Bromodichloromethane	7.872	83	4097	1.03	ug/l #	92
52) Toluene	8.762	92	2804	0.38	ug/l	98
60) Dibromochloromethane	9.567	129	2113	0.70	ug/l	97
64) Tetrachloroethene	9.317	164	797	0.29	ug/l #	85
71) Bromoform	10.841	173	570	0.26	ug/l #	86
76) 1,2,3-Trichloropropane	11.122	75	81626	20.72	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	81626	61.48	ug/l #	12

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

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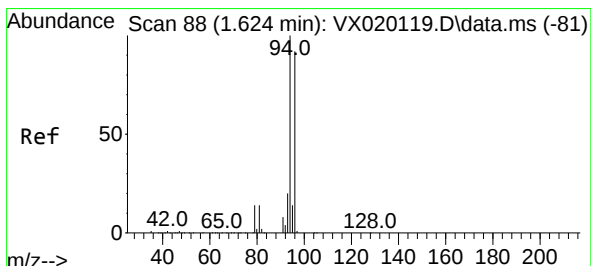
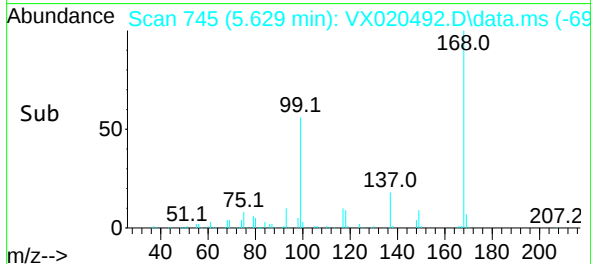
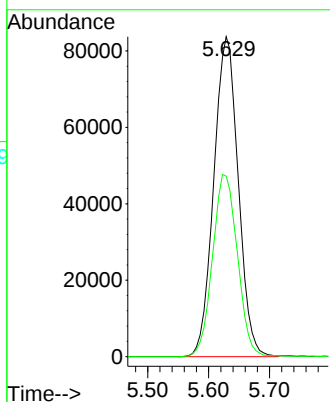
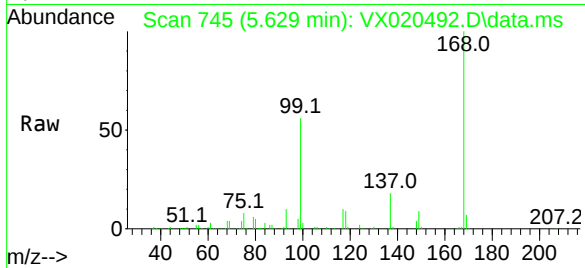




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

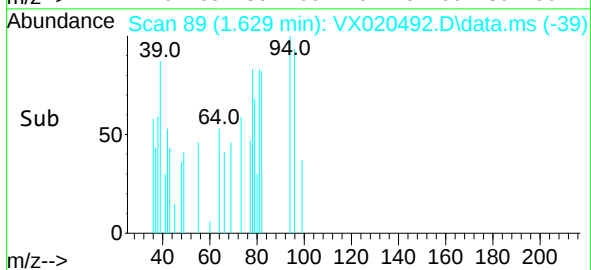
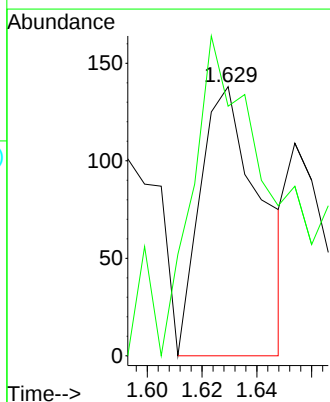
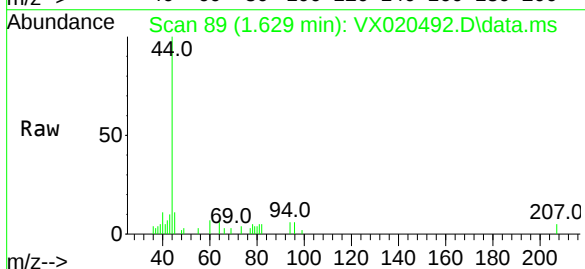
Instrument :
MSVOA_X
ClientSampleId :
SLUICEWAY-123020

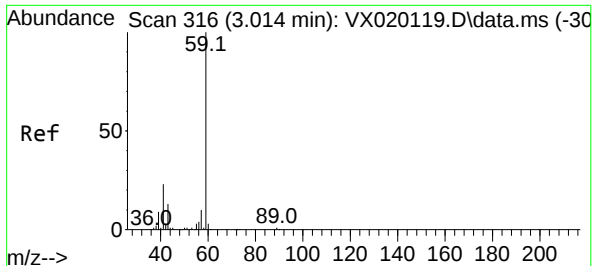
Tgt Ion:168 Resp: 233401
Ion Ratio Lower Upper
168 100
99 56.4 45.8 68.6



#5
Bromomethane
Concen: 0.20 ug/l
RT: 1.629 min Scan# 89
Delta R.T. 0.005 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

Tgt Ion: 94 Resp: 210
Ion Ratio Lower Upper
94 100
96 55.1 76.4 114.6#



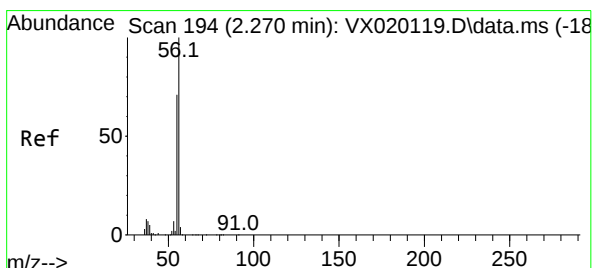
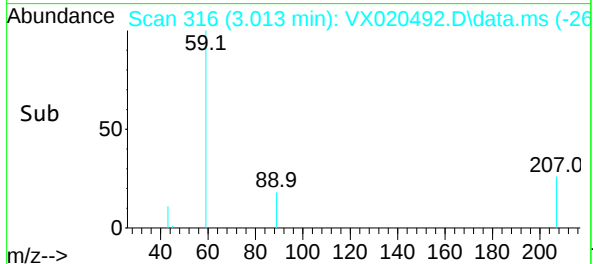
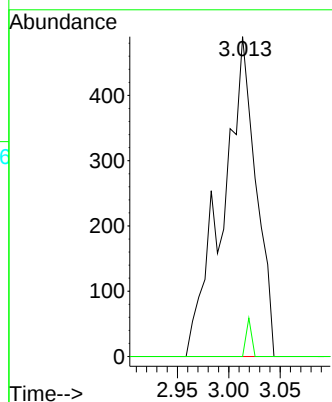
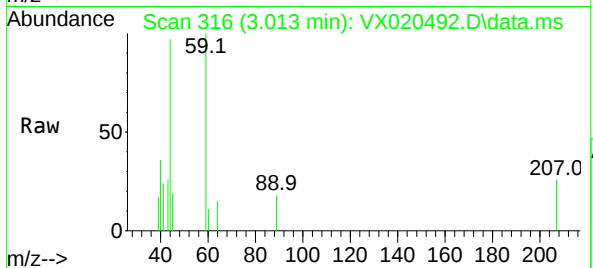


#11

Tert butyl alcohol
Concen: 1.59 ug/l
RT: 3.013 min Scan# 316
Delta R.T. -0.001 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

Instrument :
MSVOA_X
ClientSampleId :
SLUICEWAY-123020

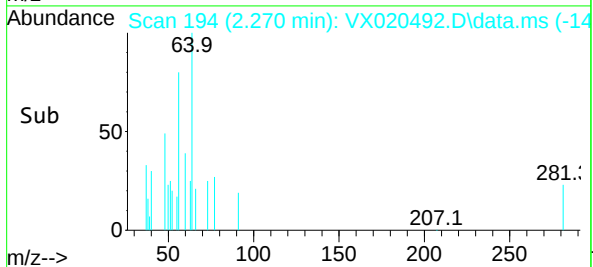
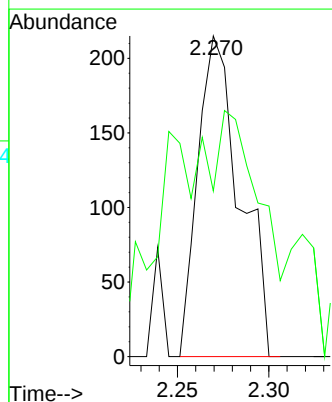
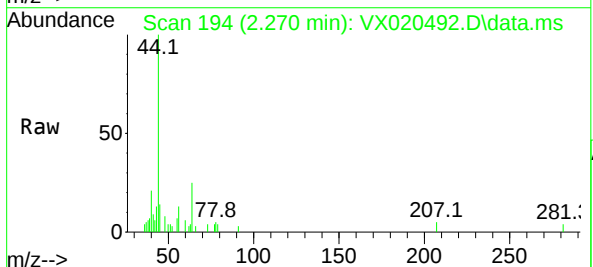
Tgt Ion: 59 Resp: 1113
Ion Ratio Lower Upper
59 100
57 2.0 7.8 11.8#

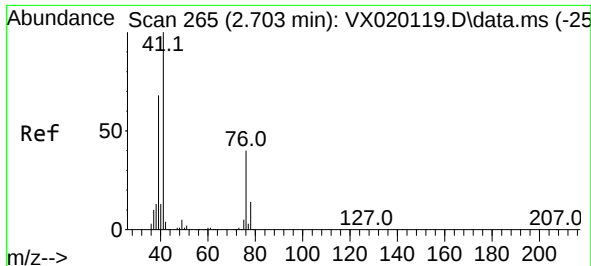


#13

Acrolein
Concen: 0.79 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

Tgt Ion: 56 Resp: 345
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

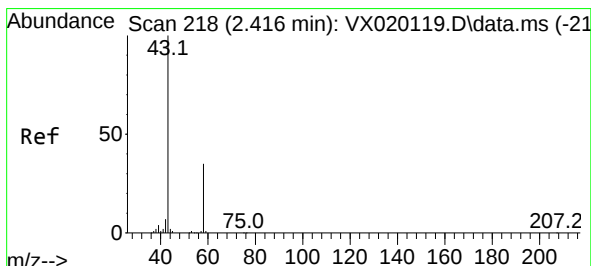
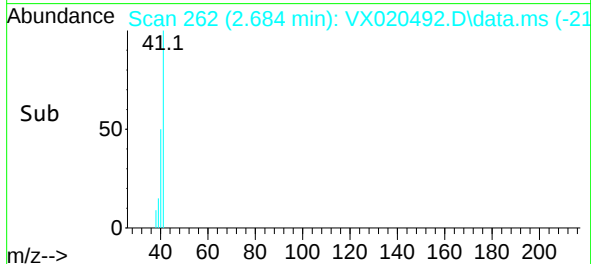
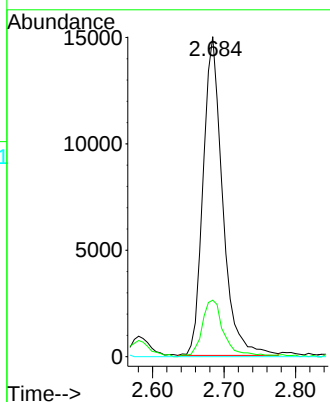
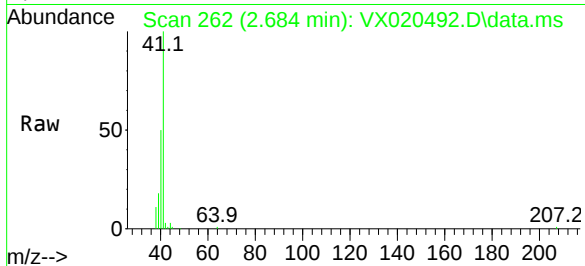




#14
 Allyl chloride
 Concen: 6.70 ug/l
 RT: 2.684 min Scan# 262
 Delta R.T. -0.019 min
 Lab File: VX020492.D
 Acq: 31 Dec 2020 18:43

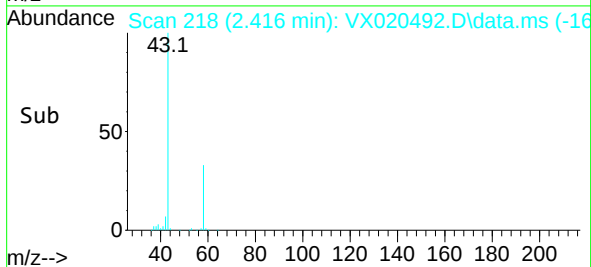
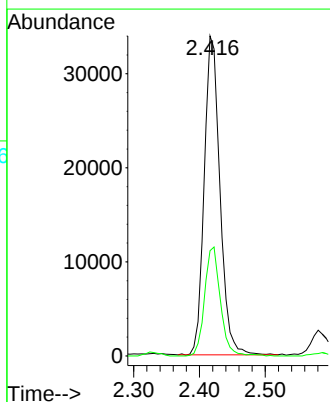
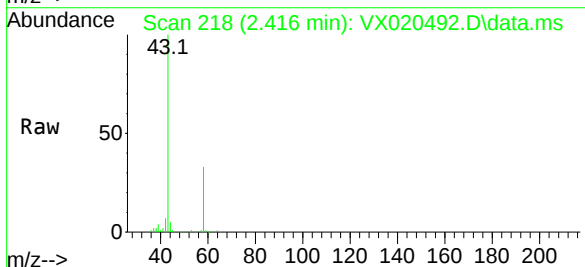
Instrument :
 MSVOA_X
 ClientSampleId :
 SLUICEWAY-123020

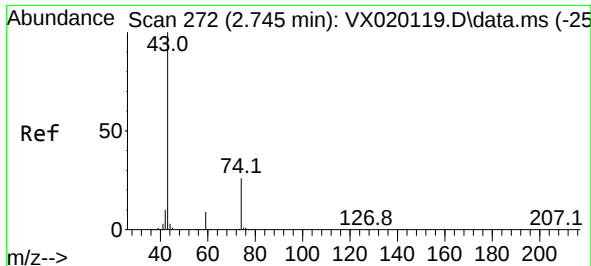
Tgt Ion: 41 Resp: 28362
 Ion Ratio Lower Upper
 41 100
 39 19.9 51.6 77.4#
 76 0.0 30.5 45.7#



#16
 Acetone
 Concen: 39.61 ug/l
 RT: 2.416 min Scan# 218
 Delta R.T. -0.000 min
 Lab File: VX020492.D
 Acq: 31 Dec 2020 18:43

Tgt Ion: 43 Resp: 56516
 Ion Ratio Lower Upper
 43 100
 58 33.0 27.8 41.8

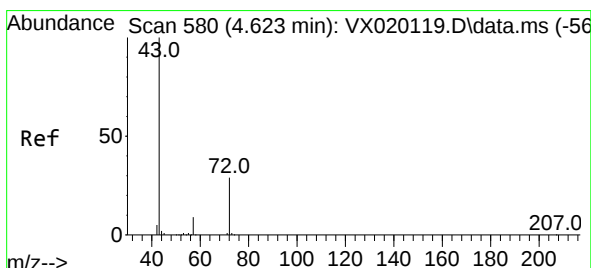
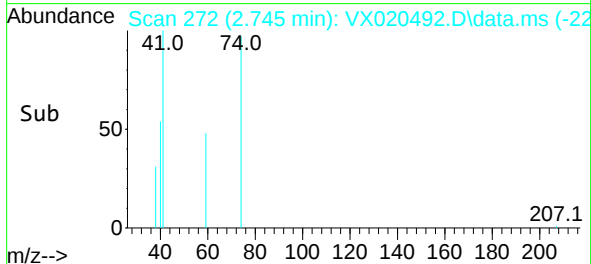
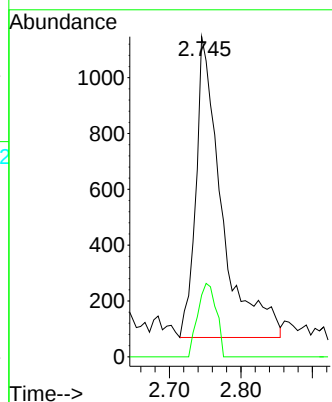
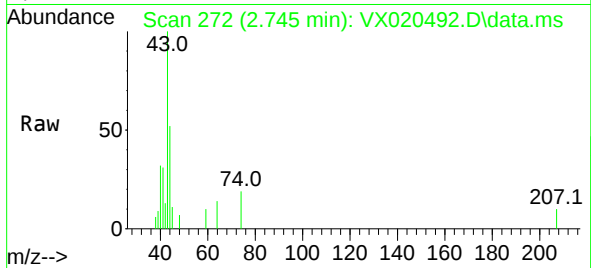




#18
Methyl Acetate
Concen: 0.85 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

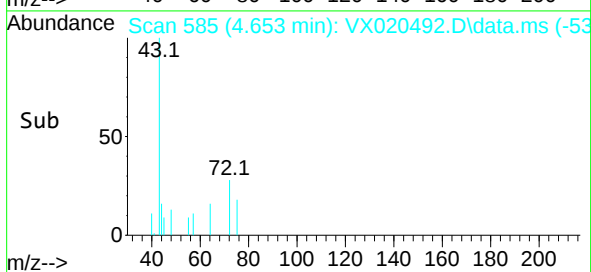
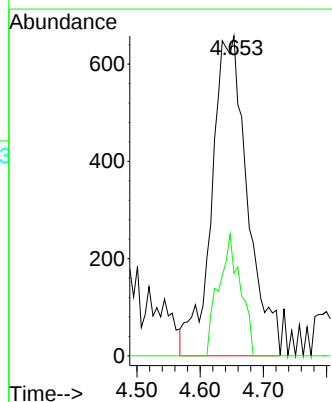
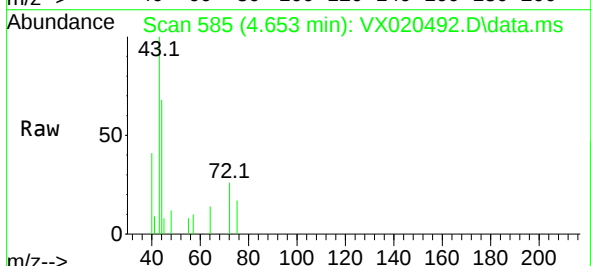
Instrument :
MSVOA_X
ClientSampleId :
SLUICEWAY-123020

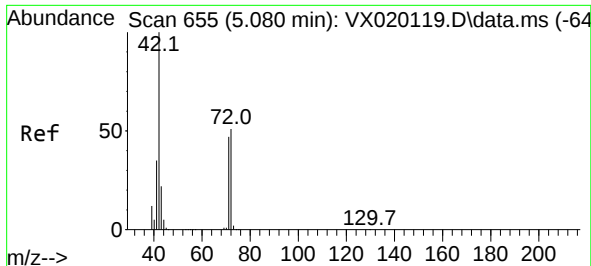
Tgt Ion: 43 Resp: 2713
Ion Ratio Lower Upper
43 100
74 17.3 21.9 32.9#



#25
2-Butanone
Concen: 1.24 ug/l
RT: 4.653 min Scan# 585
Delta R.T. 0.030 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

Tgt Ion: 43 Resp: 2580
Ion Ratio Lower Upper
43 100
72 25.8 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.69 ug/l

RT: 5.098 min Scan# 658

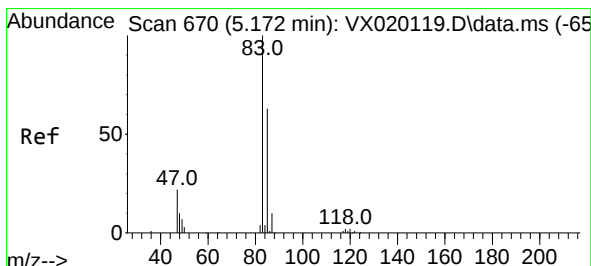
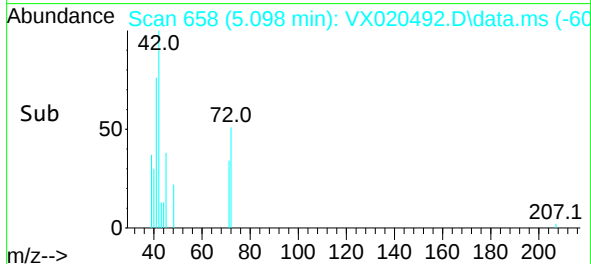
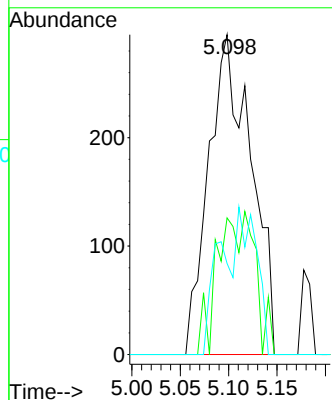
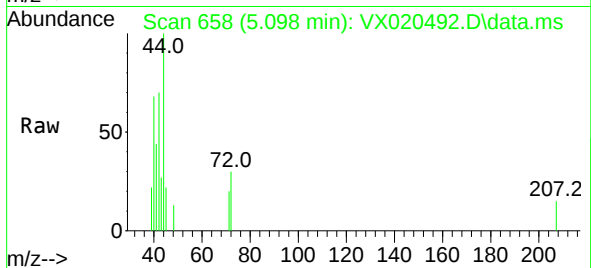
Delta R.T. 0.018 min

Lab File: VX020492.D

Acq: 31 Dec 2020 18:43

Tgt Ion:	42	Resp:	900
Ion	Ratio	Lower	Upper
42	100		
72	23.9	41.7	62.5#
71	17.1	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
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#30

Chloroform

Concen: 1.32 ug/l

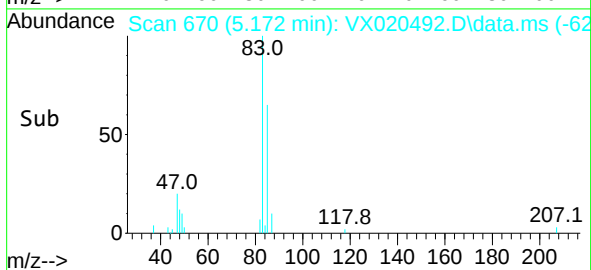
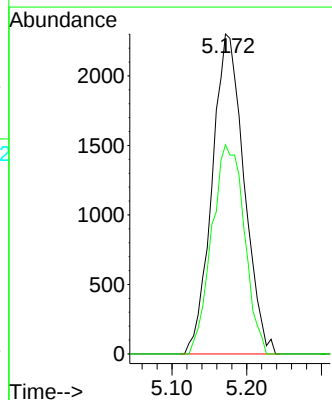
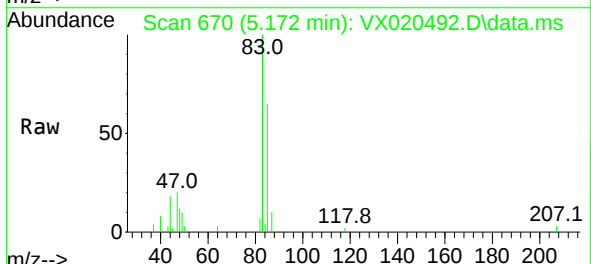
RT: 5.172 min Scan# 670

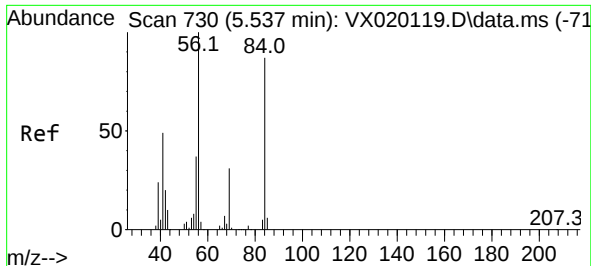
Delta R.T. -0.000 min

Lab File: VX020492.D

Acq: 31 Dec 2020 18:43

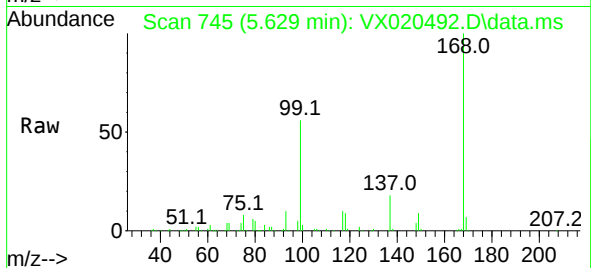
Tgt Ion:	83	Resp:	6830
Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.0	78.0



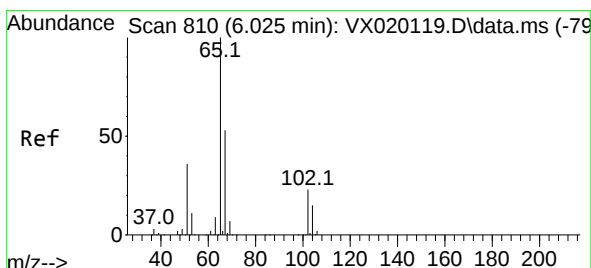
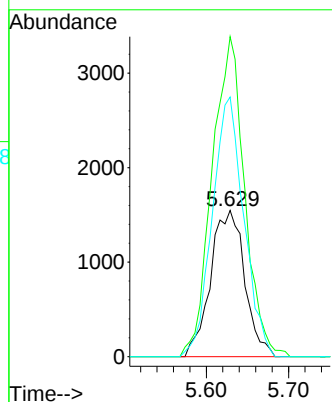
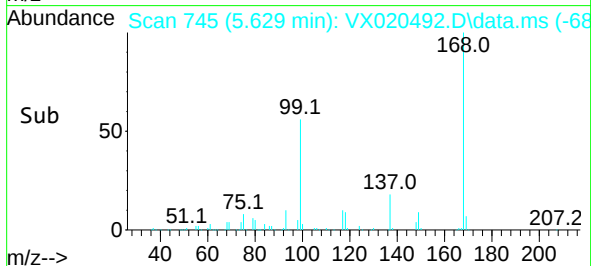


#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

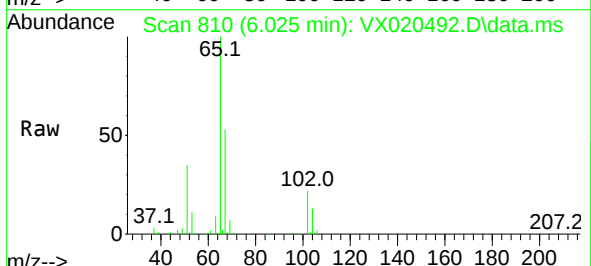
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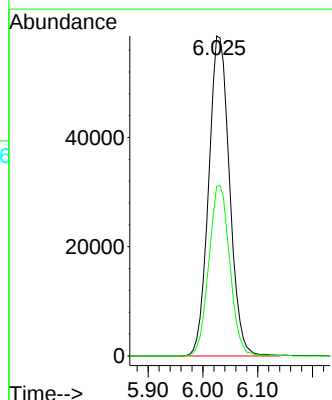
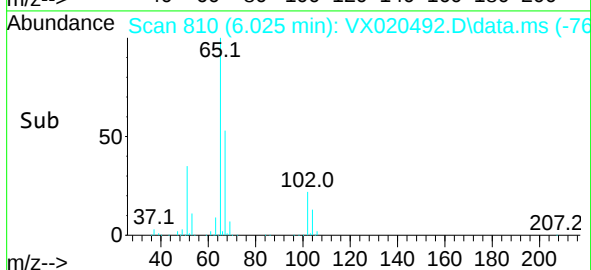
Tgt Ion: 56 Resp: 4458
Ion Ratio Lower Upper
56 100
69 218.9 25.3 37.9#
84 177.6 71.4 107.0#

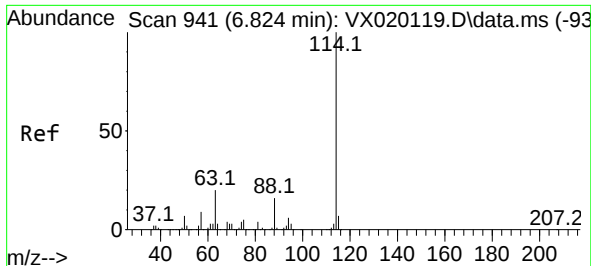


#33
1,2-Dichloroethane-d4
Concen: 49.48 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43



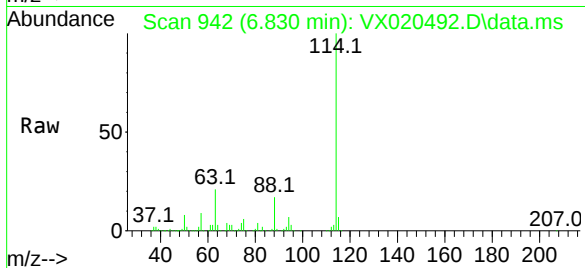
Tgt Ion: 65 Resp: 154789
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.4



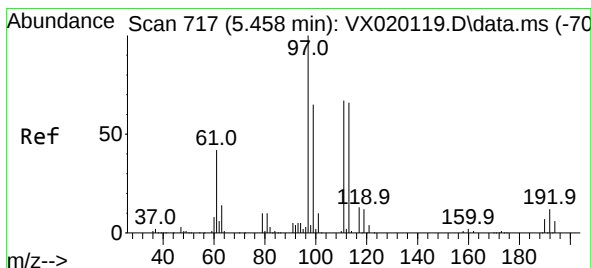
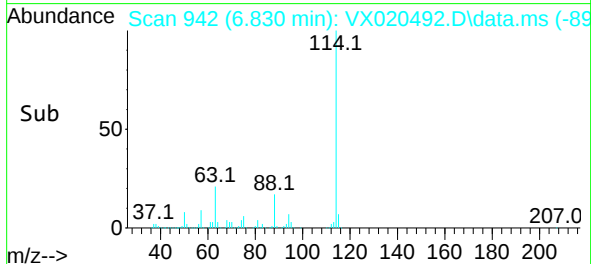
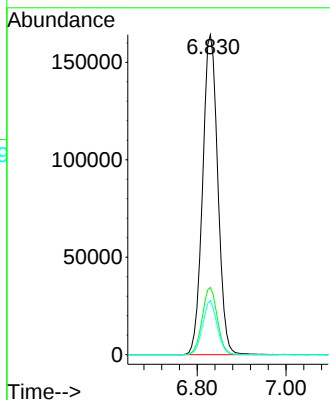


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

Instrument :
MSVOA_X
ClientSampleId :
SLUICEWAY-123020

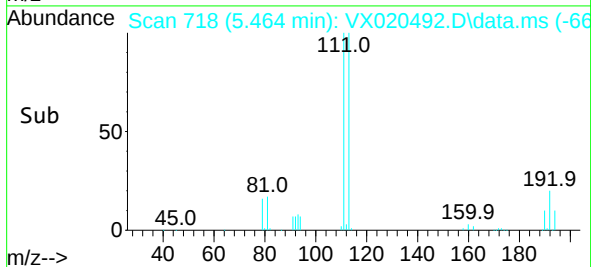
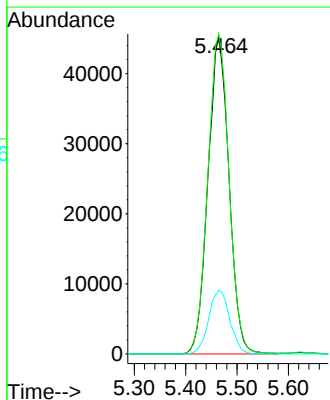
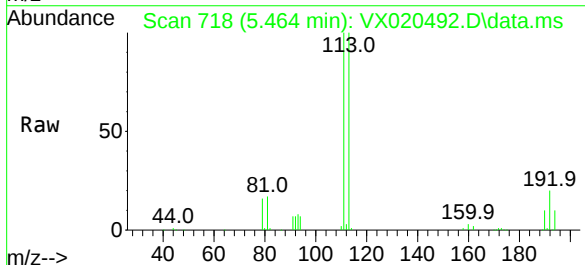


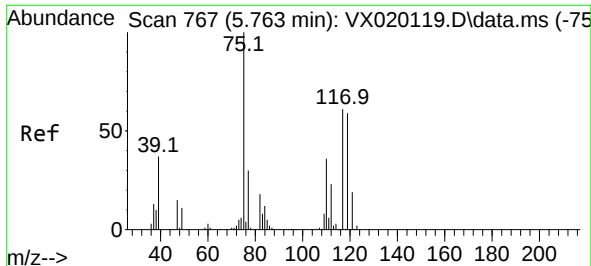
Tgt Ion:114 Resp: 390866
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.35 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

Tgt Ion:113 Resp: 128396
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 20.2 16.7 25.1

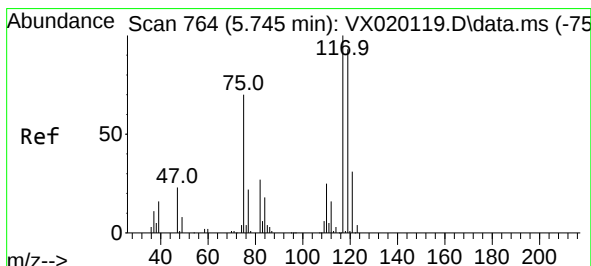
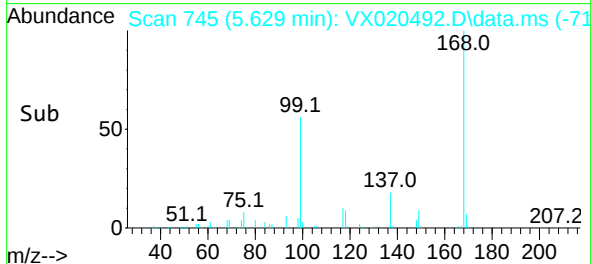
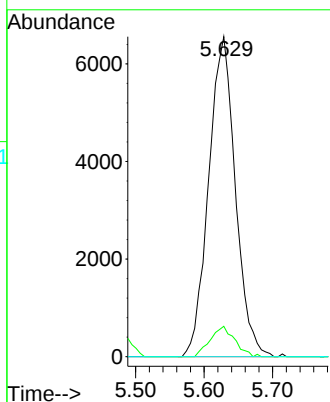
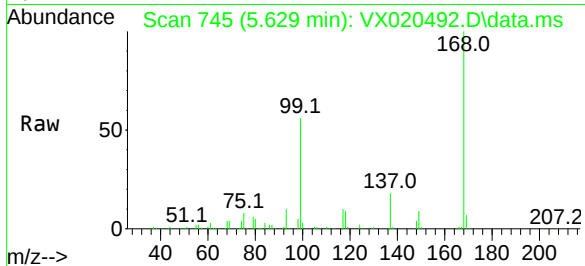




#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

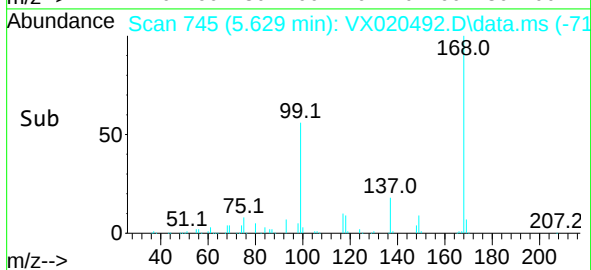
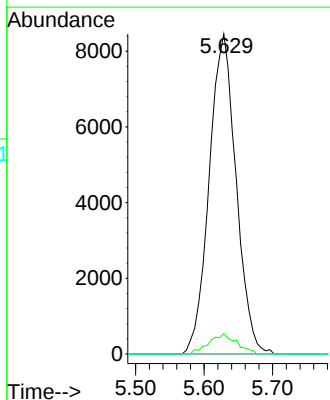
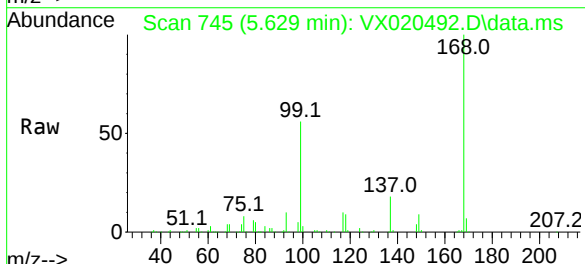
Instrument :
MSVOA_X
ClientSampleId :
SLUICEWAY-123020

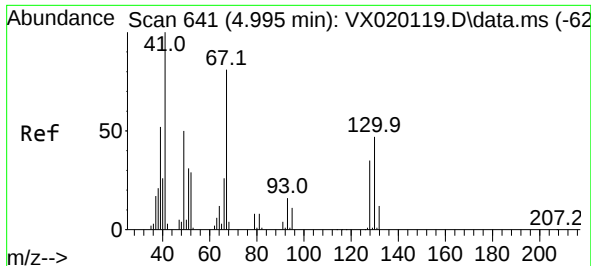
Tgt Ion: 75 Resp: 17776
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

Tgt Ion: 117 Resp: 23052
Ion Ratio Lower Upper
117 100
119 6.4 76.2 114.2#
121 0.0 24.8 37.2#

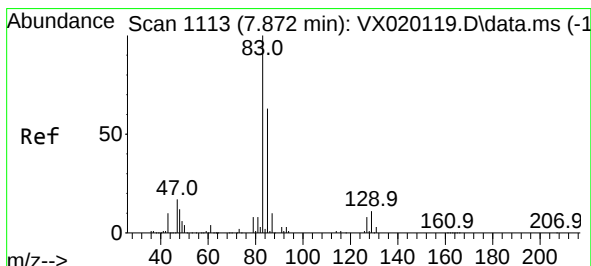
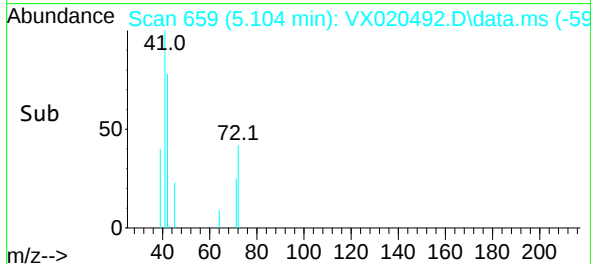
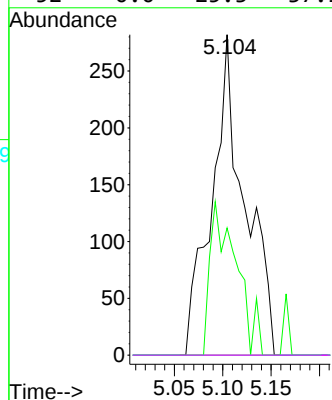
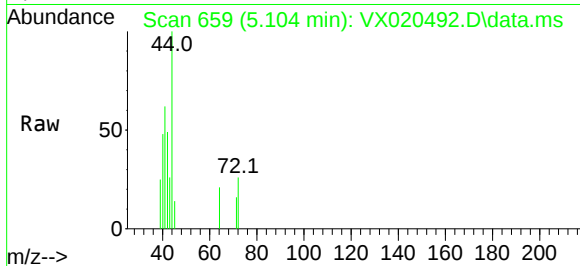




#41
Methacrylonitrile
Concen: 0.31 ug/l
RT: 5.104 min Scan# 659
Delta R.T. 0.109 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

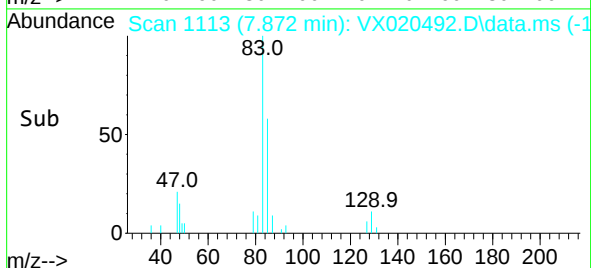
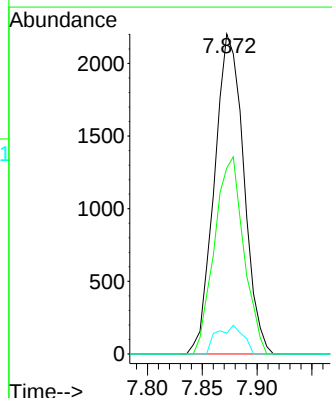
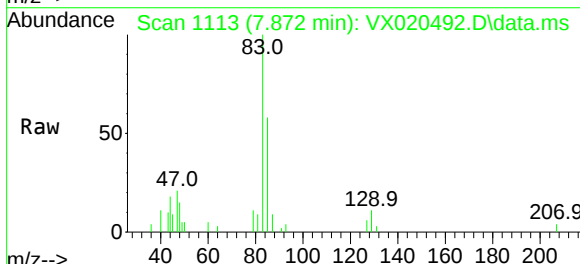
Instrument :
MSVOA_X
ClientSampleId :
SLUICEWAY-123020

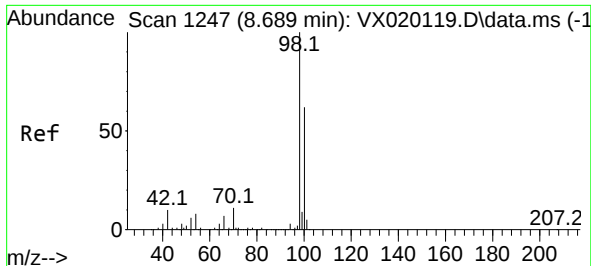
Tgt Ion: 41	Resp: 670
Ion Ratio	Lower Upper
41 100	
39 38.5	42.5 63.7#
67 0.0	65.0 97.6#
52 0.0	25.3 37.9#



#47
Bromodichloromethane
Concen: 1.03 ug/l
RT: 7.872 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

Tgt Ion: 83	Resp: 4097
Ion Ratio	Lower Upper
83 100	
85 58.1	51.4 77.0
127 6.4	6.8 10.2#

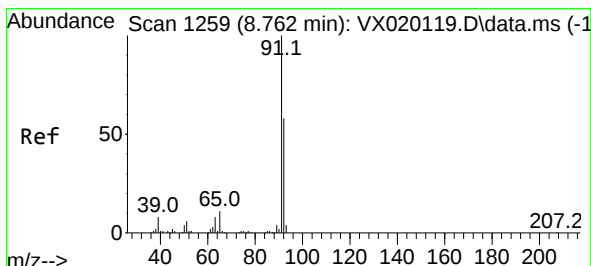
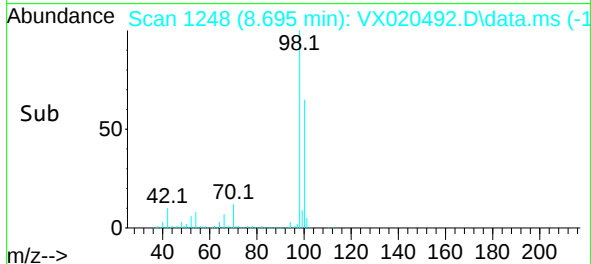
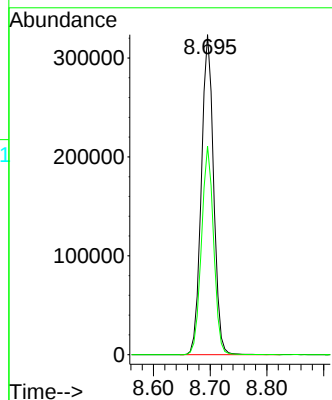
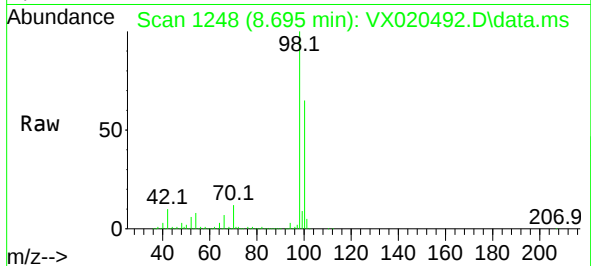




#50
Toluene-d8
Concen: 50.32 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

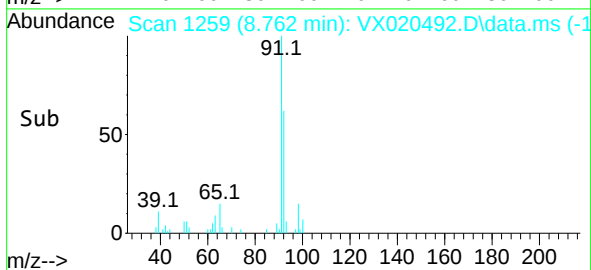
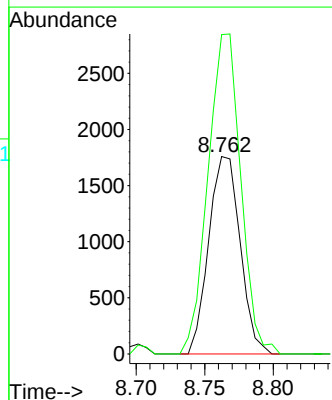
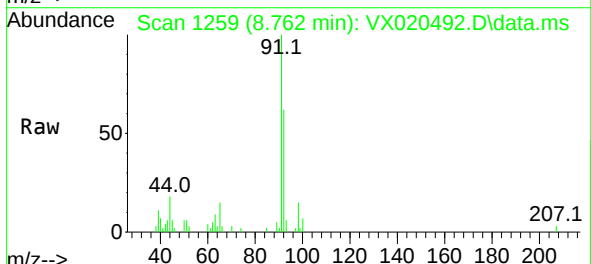
Instrument :
MSVOA_X
ClientSampleId :
SLUICEWAY-123020

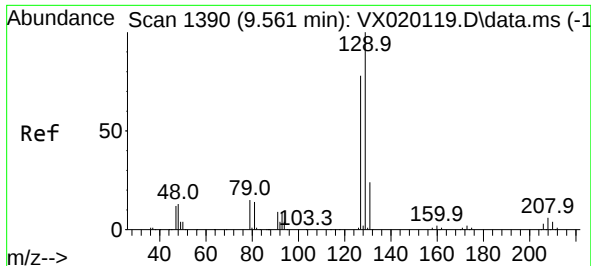
Tgt Ion: 98 Resp: 484307
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#52
Toluene
Concen: 0.38 ug/l
RT: 8.762 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

Tgt Ion: 92 Resp: 2804
Ion Ratio Lower Upper
92 100
91 169.0 137.1 205.7

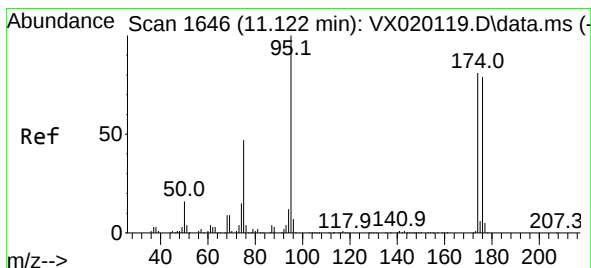
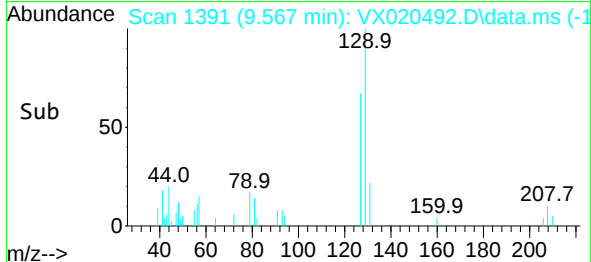
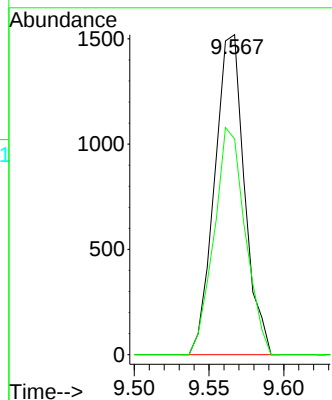
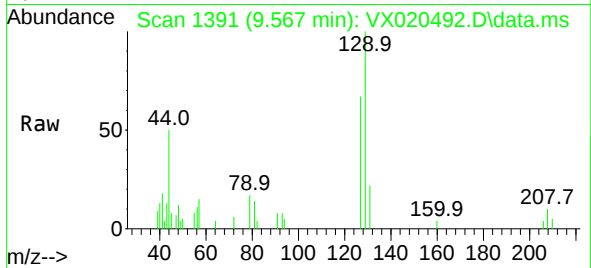




#60
Dibromochloromethane
Concen: 0.70 ug/l
RT: 9.567 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

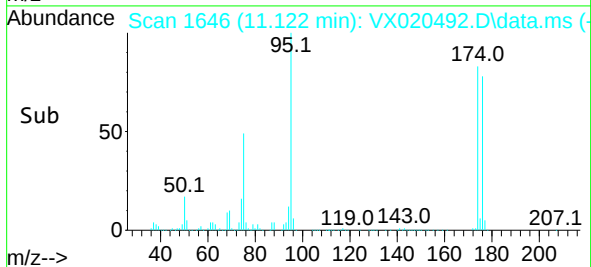
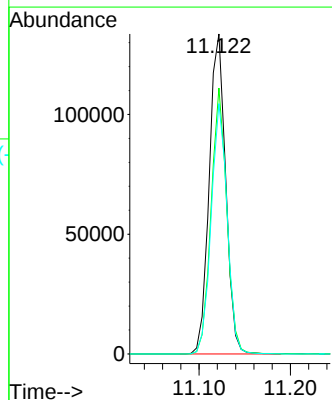
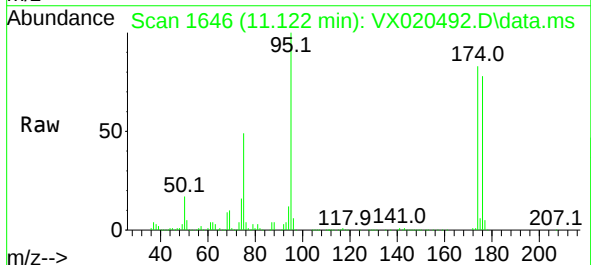
Instrument :
MSVOA_X
ClientSampleId :
SLUICEWAY-123020

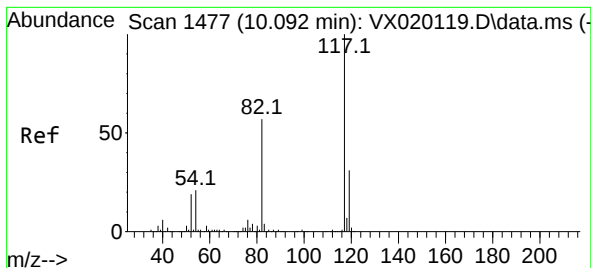
Tgt Ion:129 Resp: 2113
Ion Ratio Lower Upper
129 100
127 73.9 38.4 115.2



#62
4-Bromofluorobenzene
Concen: 45.21 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

Tgt Ion: 95 Resp: 166542
Ion Ratio Lower Upper
95 100
174 79.1 0.0 154.6
176 76.2 0.0 155.8

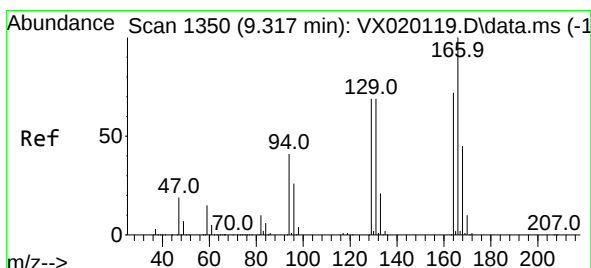
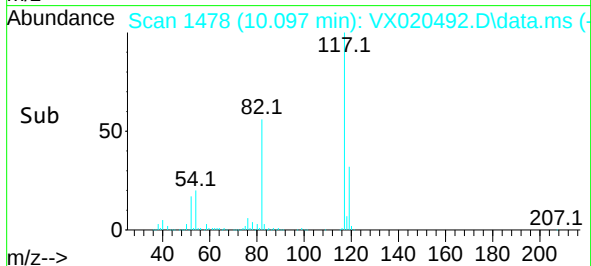
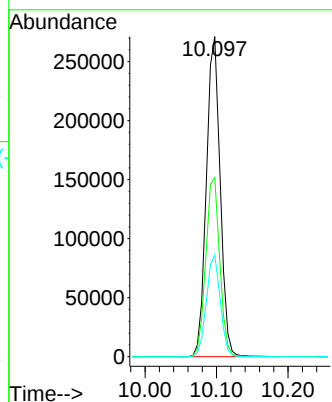
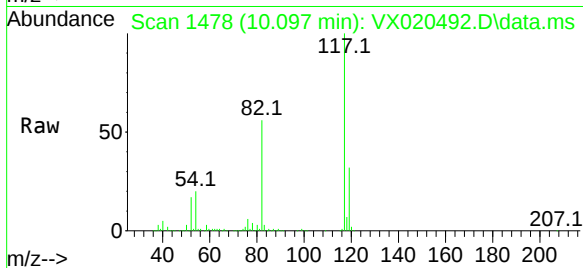




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

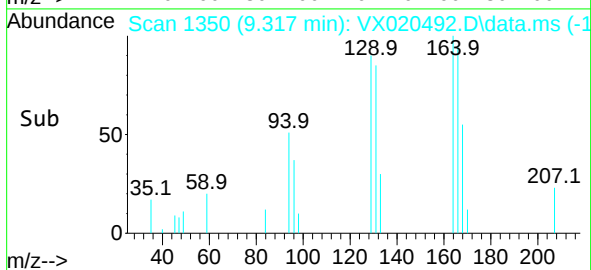
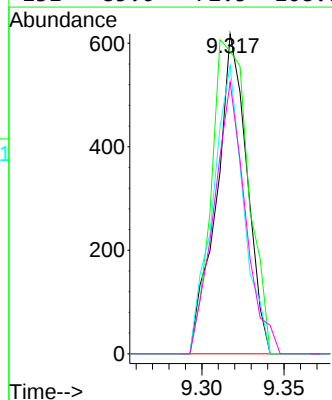
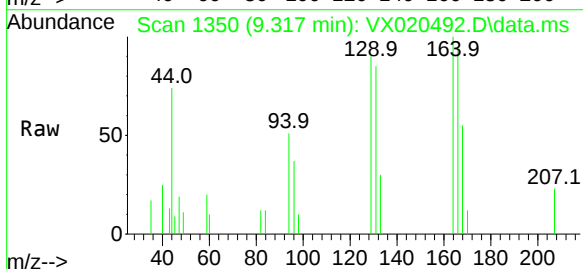
Instrument :
MSVOA_X
ClientSampleId :
SLUICEWAY-123020

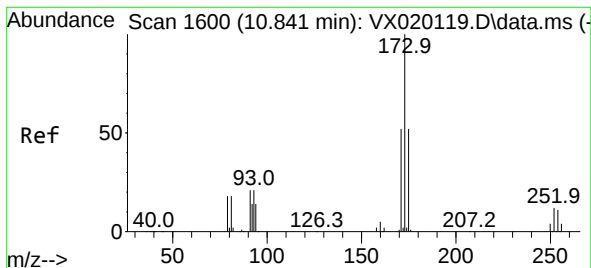
Tgt Ion:	117	Resp:	364144
Ion	Ratio	Lower	Upper
117	100		
82	56.0	47.4	71.2
119	31.8	26.6	39.8



#64
Tetrachloroethene
Concen: 0.29 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

Tgt Ion:	164	Resp:	797
Ion	Ratio	Lower	Upper
164	100		
166	94.7	103.4	155.2#
129	90.1	70.8	106.2
131	85.0	72.5	108.7

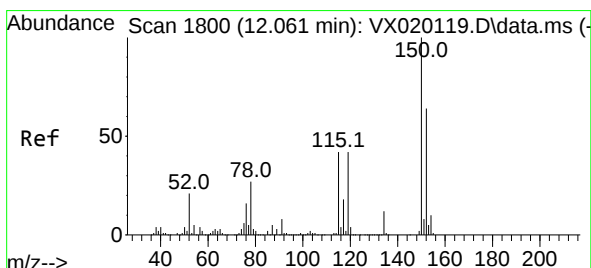
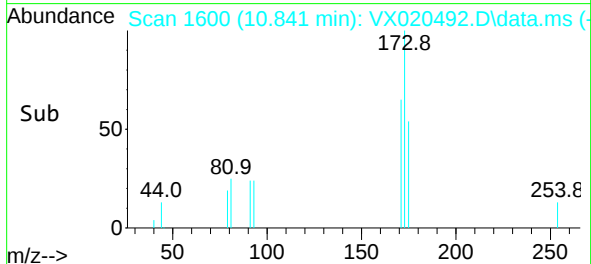
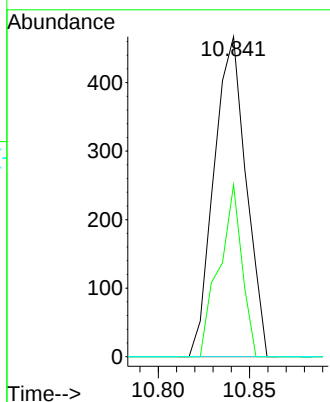
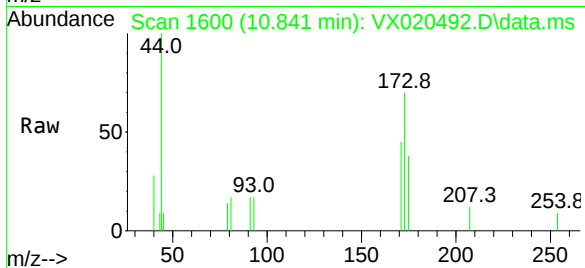




#71
Bromoform
Concen: 0.26 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

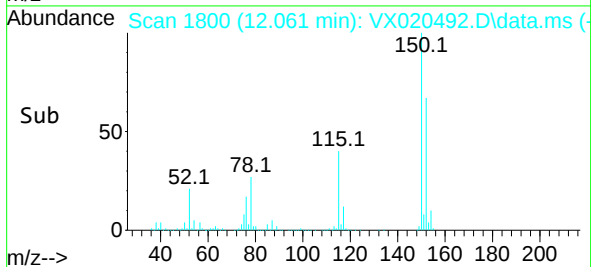
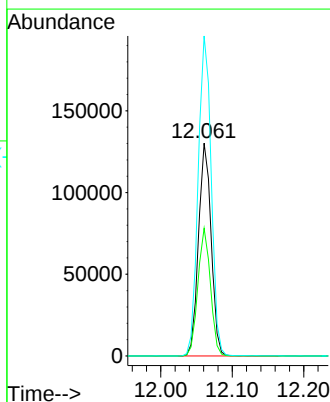
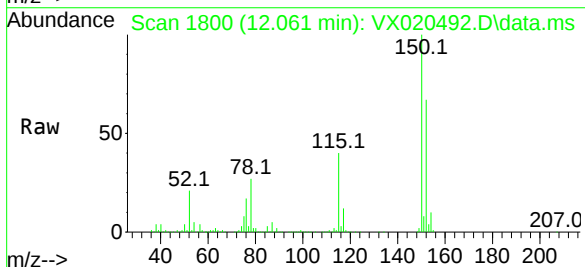
Instrument :
MSVOA_X
ClientSampleId :
SLUICEWAY-123020

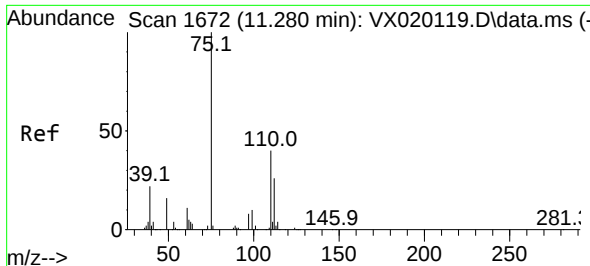
Tgt Ion:173 Resp: 570
Ion Ratio Lower Upper
173 100
175 38.2 23.9 71.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

Tgt Ion:152 Resp: 159903
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 155.3 0.0 349.0

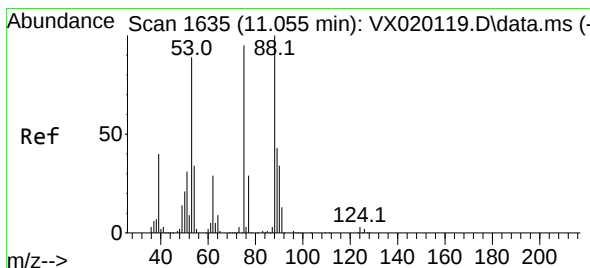
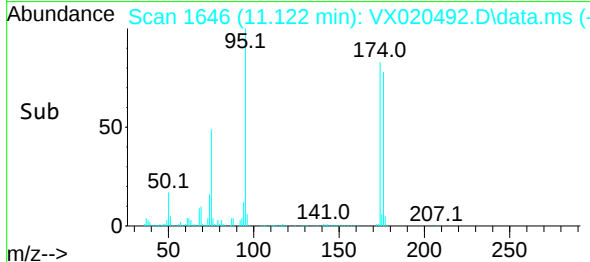
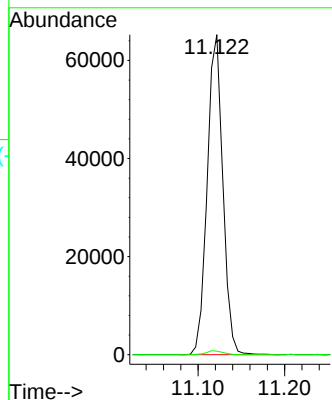
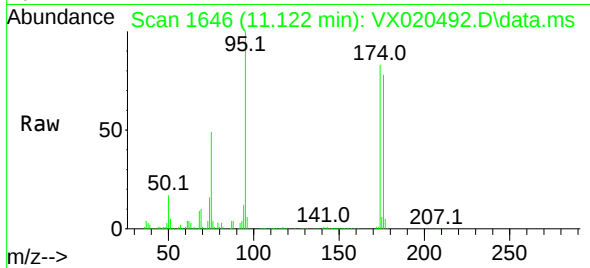




#76
1,2,3-Trichloropropane
Concen: 20.72 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

Instrument :
MSVOA_X
ClientSampleId :
SLUICEWAY-123020

Tgt Ion: 75 Resp: 81626
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.48 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020492.D
Acq: 31 Dec 2020 18:43

Tgt Ion: 75 Resp: 81626
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#

