

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022292.D
 Acq On : 01 Jun 2021 15:49
 Operator : JC/MD
 Sample : M2529-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31046

Quant Time: Jun 02 03:21:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

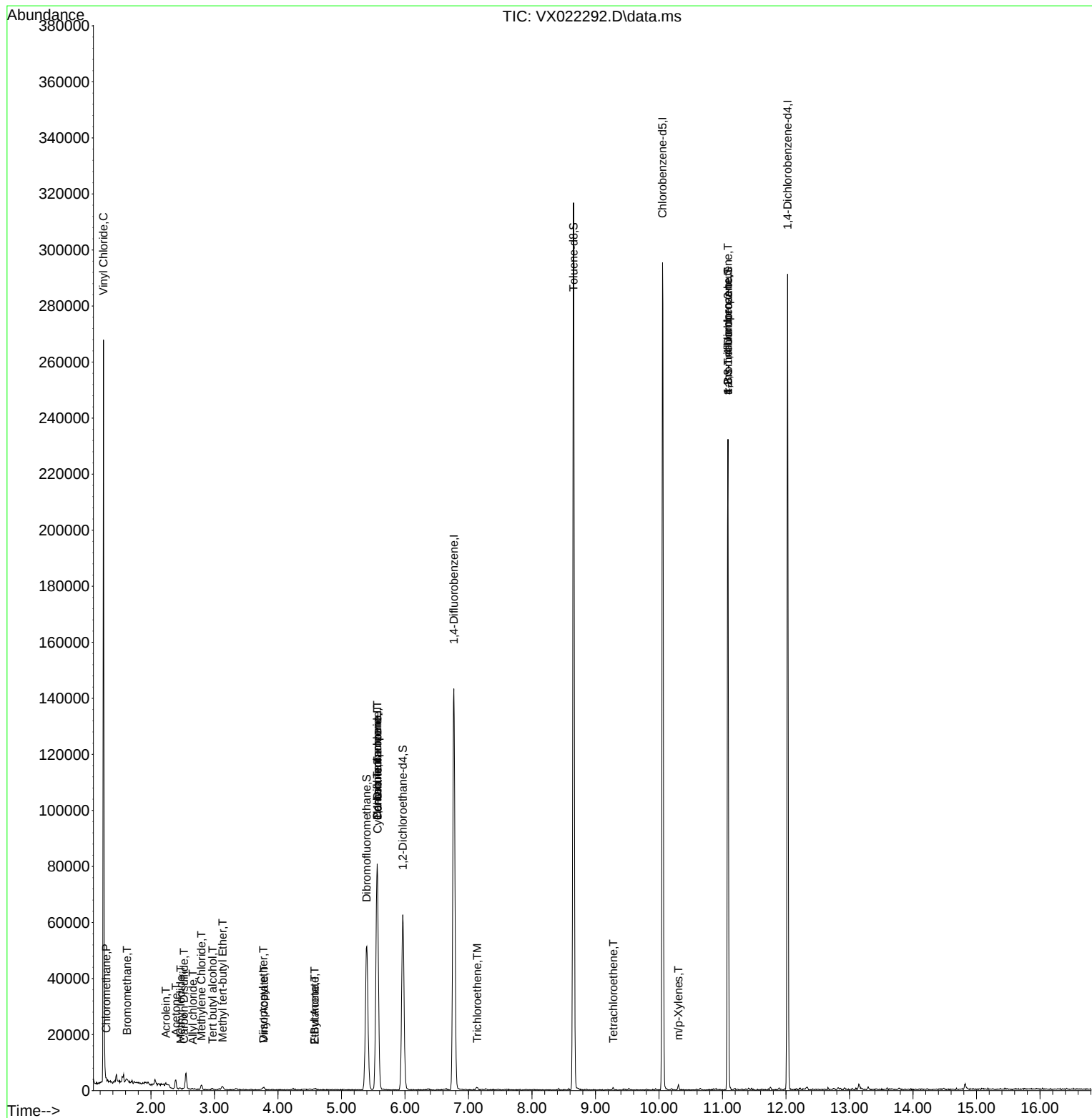
Internal Standards						
1) Pentafluorobenzene	5.562	168	69051	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	144554	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57599	54.08	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.16%			
35) Dibromofluoromethane	5.397	113	43289	47.22	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.44%			
50) Toluene-d8	8.653	98	179270	50.77	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.54%			
62) 4-Bromofluorobenzene	11.085	95	63017	48.28	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.56%			
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	290	0.32	ug/l	95
4) Vinyl Chloride	1.252	62	2028	2.12	ug/l #	52
5) Bromomethane	1.624	94	671	1.20	ug/l #	55
10) Methyl Iodide	2.465	142	669	0.76	ug/l #	75
11) Tert butyl alcohol	2.971	59	312	1.28	ug/l #	73
13) Acrolein	2.233	56	95	0.59	ug/l #	51
14) Allyl chloride	2.660	41	327	0.22	ug/l #	75
16) Acetone	2.392	43	3675	7.92	ug/l	88
17) Carbon Disulfide	2.520	76	520	0.25	ug/l #	75
19) Methyl tert-butyl Ether	3.130	73	1477	0.54	ug/l #	90
20) Methylene Chloride	2.794	84	612	0.59	ug/l #	84
22) Diisopropyl ether	3.770	45	913	0.33	ug/l #	61
23) Vinyl Acetate	3.782	43	639	0.24	ug/l #	68
25) 2-Butanone	4.574	43	840	1.12	ug/l #	45
31) Cyclohexane	5.568	56	2008	1.50	ug/l #	31
36) 1,1-Dichloropropene	5.562	75	6540	4.89	ug/l #	44
37) Ethyl Acetate	4.574	43	840	0.51	ug/l #	64
38) Carbon Tetrachloride	5.562	117	7787	5.96	ug/l #	17
44) Trichloroethene	7.135	130	528	0.52	ug/l	59
64) Tetrachloroethene	9.281	164	199	0.24	ug/l #	74
68) m/p-Xylenes	10.305	106	574	0.31	ug/l	75
76) 1,2,3-Trichloropropane	11.085	75	32908	25.47	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	32908	60.34	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
Data File : VX022292.D
Acq On : 01 Jun 2021 15:49
Operator : JC/MD
Sample : M2529-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31046

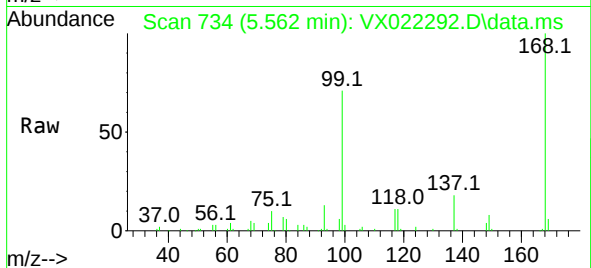
Quant Time: Jun 02 03:21:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



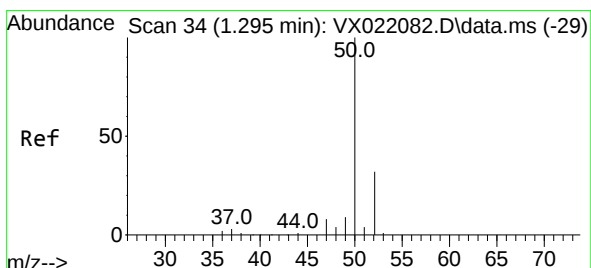
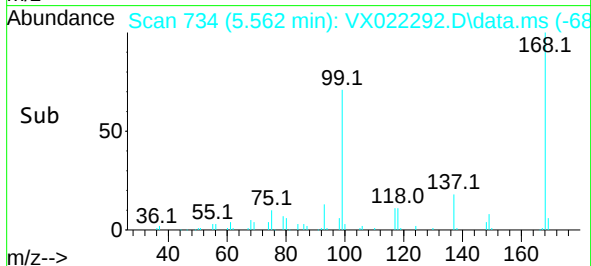
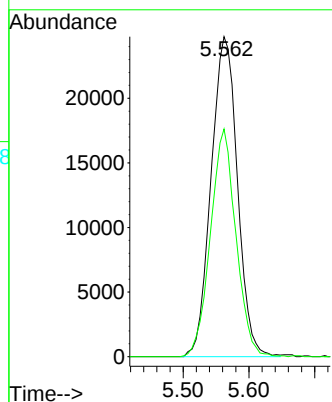


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

Instrument :
MSVOA_X
ClientSampleId :
31046

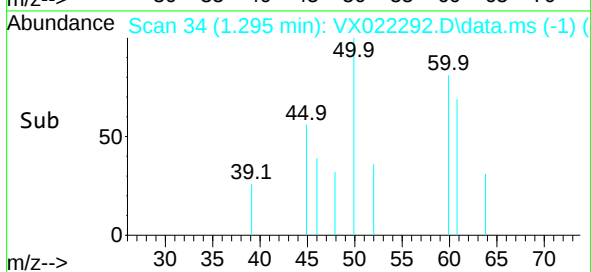
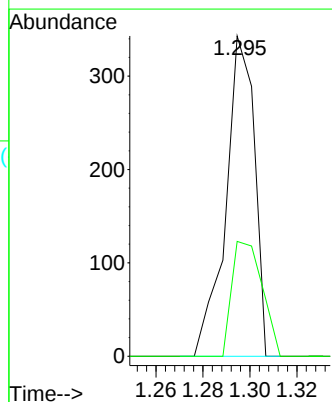
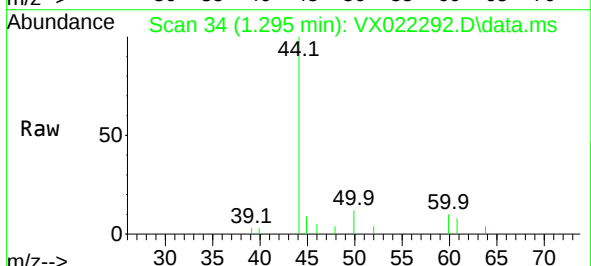


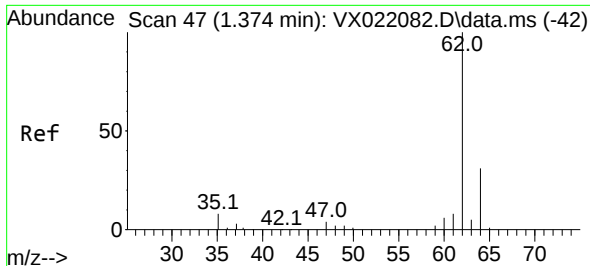
Tgt Ion:168 Resp: 69051
Ion Ratio Lower Upper
168 100
99 71.2 45.8 68.6#



#3
Chloromethane
Concen: 0.32 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

Tgt Ion: 50 Resp: 290
Ion Ratio Lower Upper
50 100
52 35.9 26.4 39.6

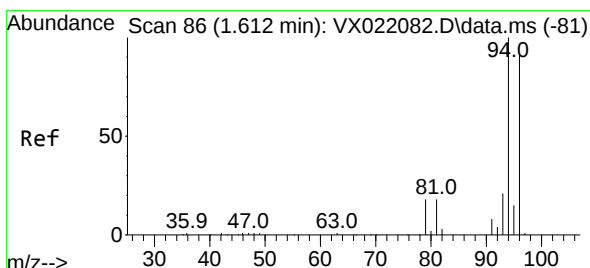
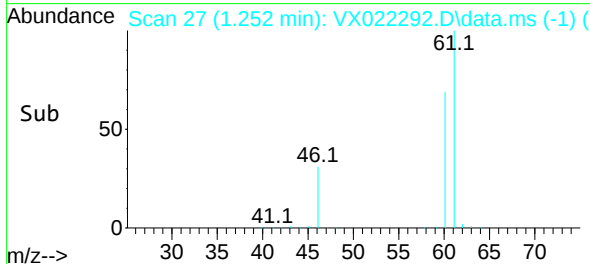
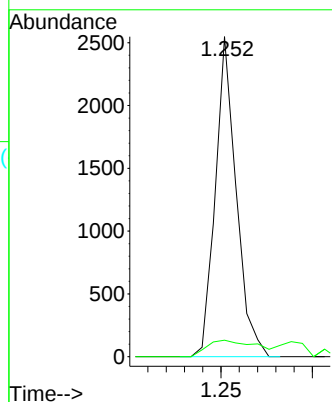
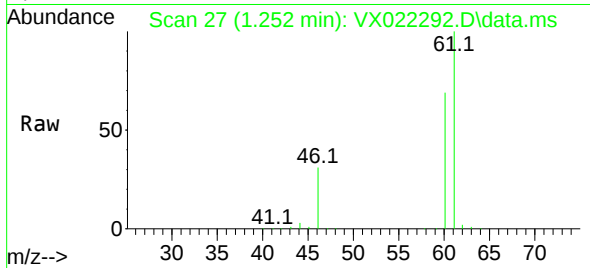




#4
 Vinyl Chloride
 Concen: 2.12 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX022292.D
 Acq: 01 Jun 2021 15:49

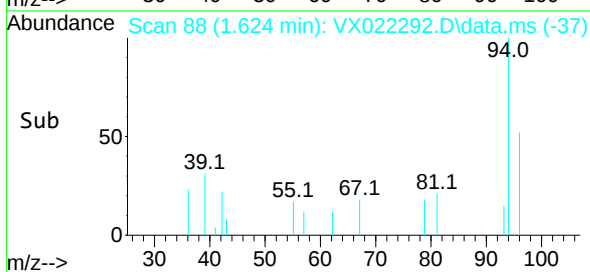
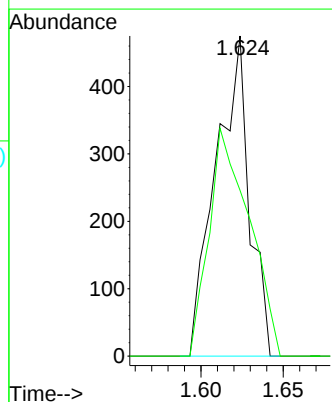
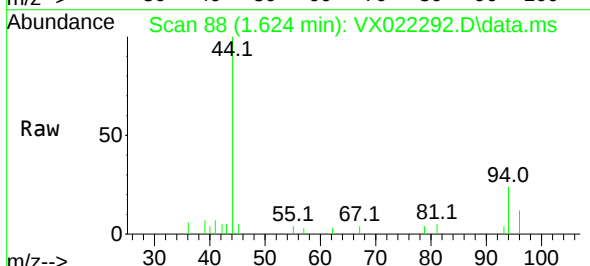
Instrument :
 MSVOA_X
 ClientSampleId :
 31046

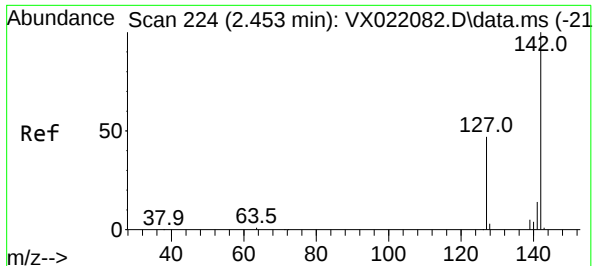
Tgt Ion: 62 Resp: 2028
 Ion Ratio Lower Upper
 62 100
 64 5.2 25.7 38.5#



#5
 Bromomethane
 Concen: 1.20 ug/l
 RT: 1.624 min Scan# 88
 Delta R.T. 0.012 min
 Lab File: VX022292.D
 Acq: 01 Jun 2021 15:49

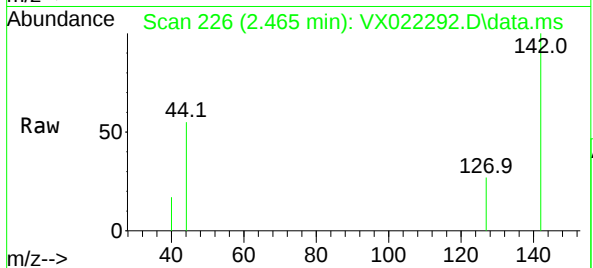
Tgt Ion: 94 Resp: 671
 Ion Ratio Lower Upper
 94 100
 96 51.8 76.4 114.6#



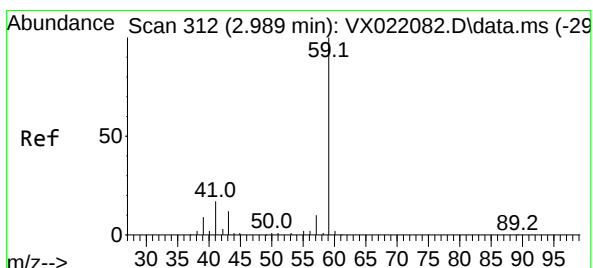
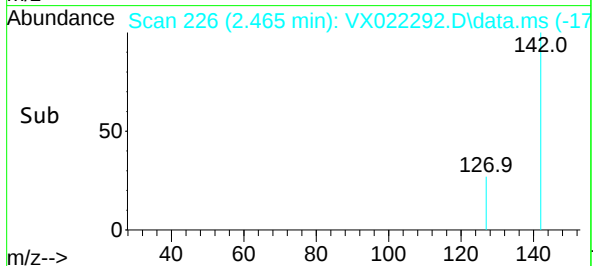
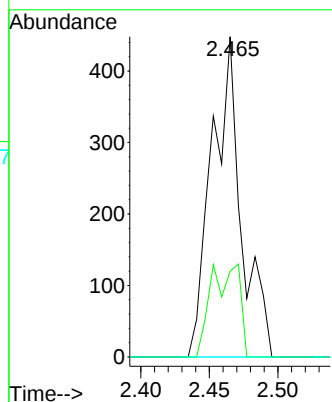


#10
Methyl Iodide
Concen: 0.76 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

Instrument :
MSVOA_X
ClientSampled :
31046

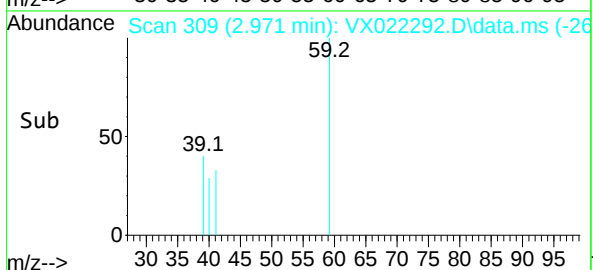
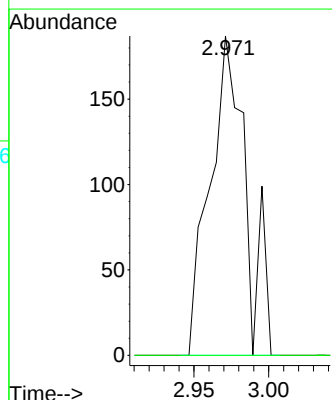
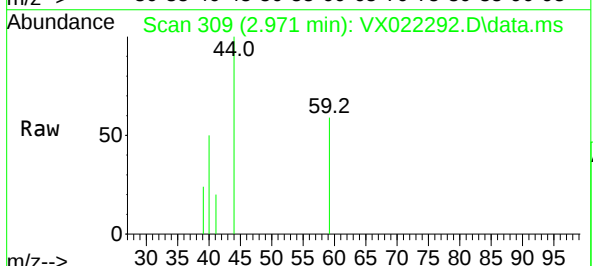


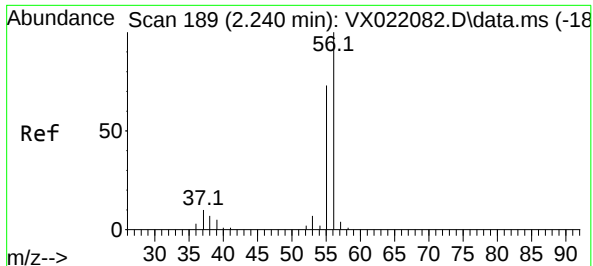
Tgt Ion:142 Resp: 669
Ion Ratio Lower Upper
142 100
127 28.1 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.28 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

Tgt Ion: 59 Resp: 312
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

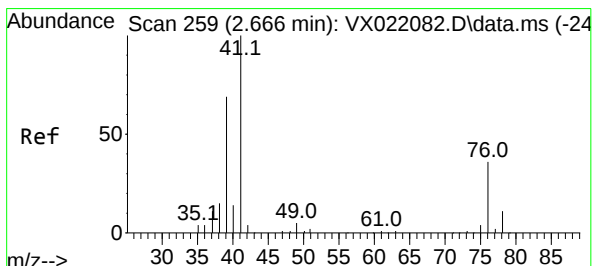
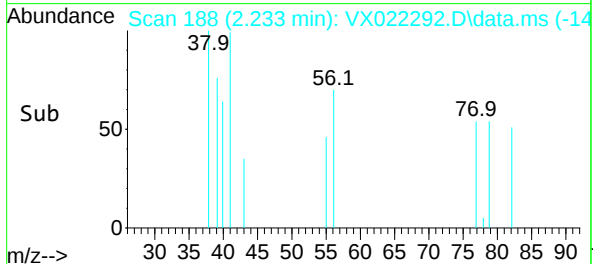
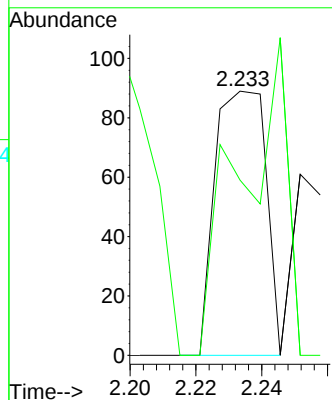
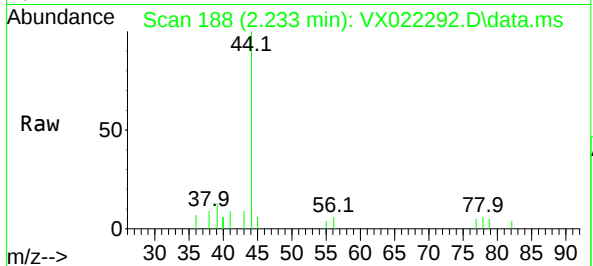




#13
Acrolein
Concen: 0.59 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

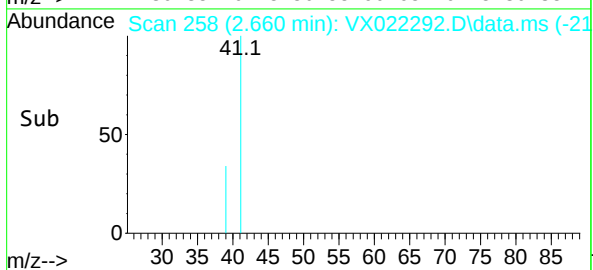
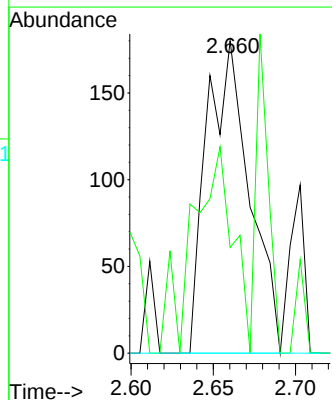
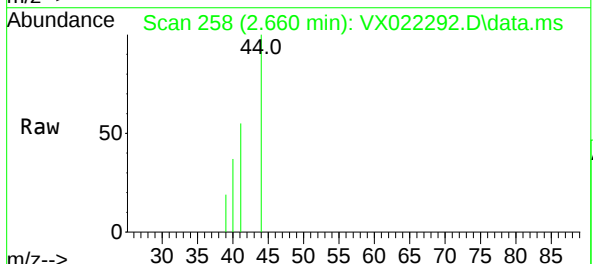
Instrument :
MSVOA_X
ClientSampled :
31046

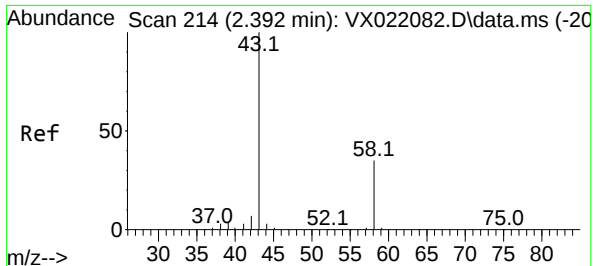
Tgt Ion: 56 Resp: 95
Ion Ratio Lower Upper
56 100
55 110.5 56.4 84.6#



#14
Allyl chloride
Concen: 0.22 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

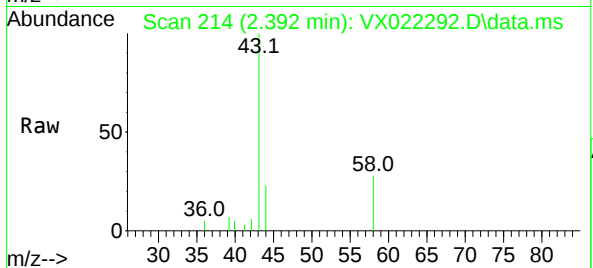
Tgt Ion: 41 Resp: 327
Ion Ratio Lower Upper
41 100
39 63.0 51.6 77.4
76 0.0 30.5 45.7#



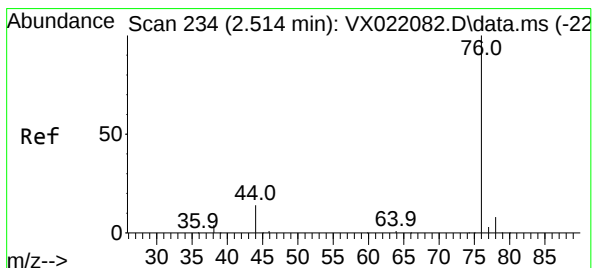
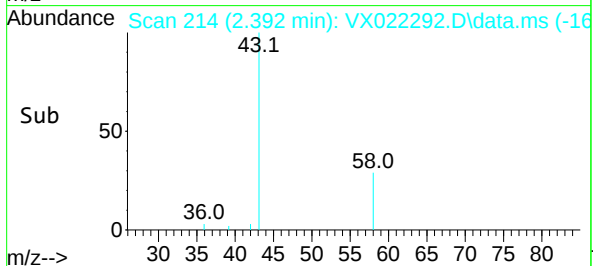
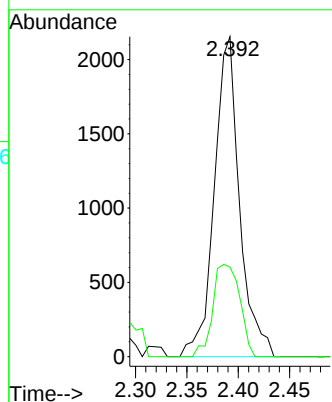


#16
Acetone
Concen: 7.92 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

Instrument :
MSVOA_X
ClientSampled :
31046

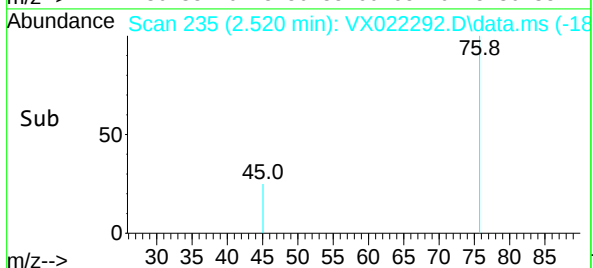
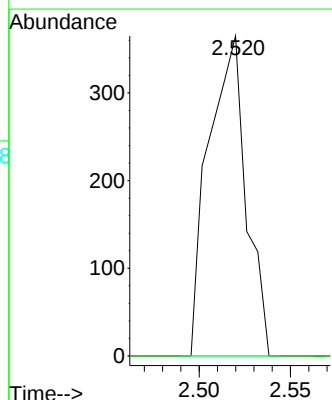
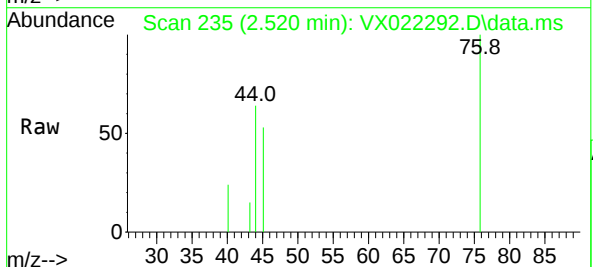


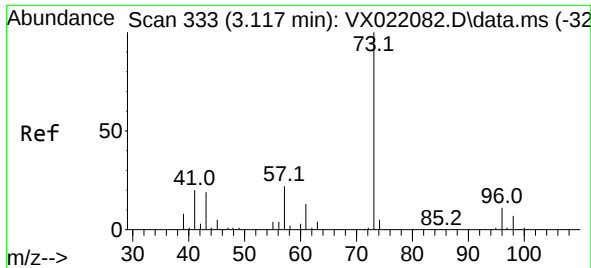
Tgt Ion: 43 Resp: 3675
Ion Ratio Lower Upper
43 100
58 28.0 27.8 41.8



#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

Tgt Ion: 76 Resp: 520
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

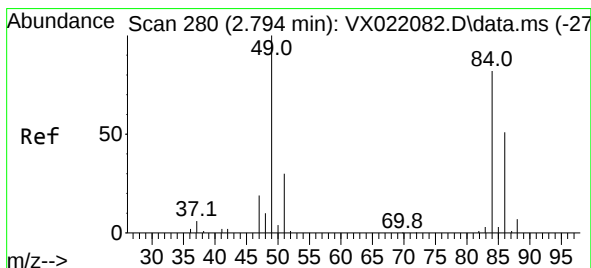
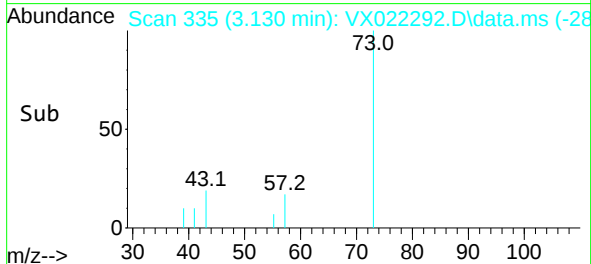
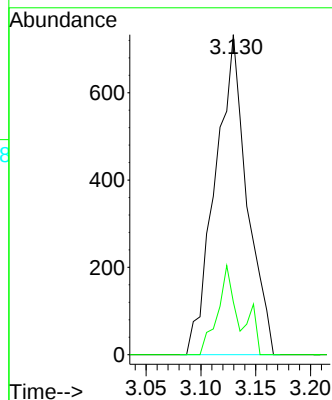
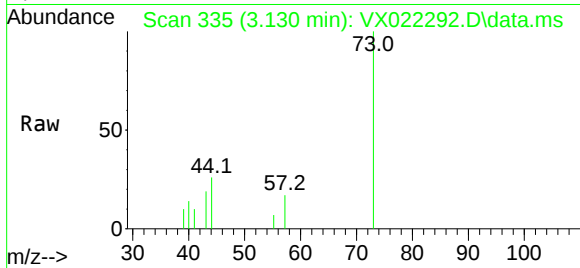




#19
Methyl tert-butyl Ether
Concen: 0.54 ug/l
RT: 3.130 min Scan# 335
Delta R.T. 0.013 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

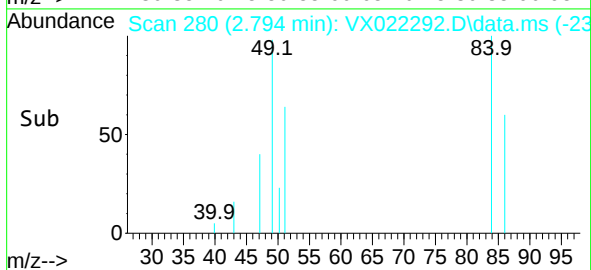
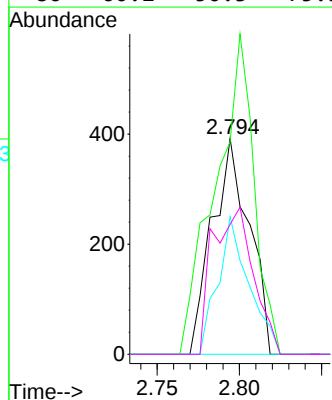
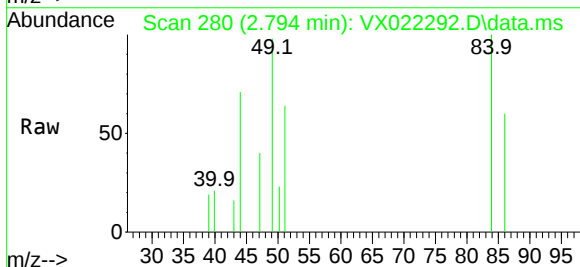
Instrument :
MSVOA_X
ClientSampled :
31046

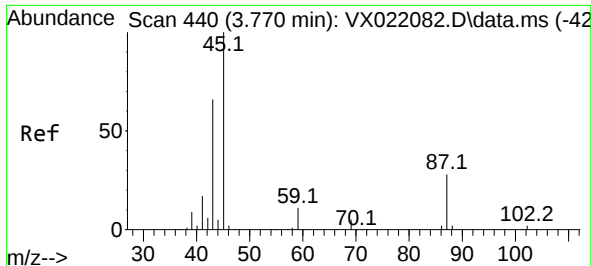
Tgt Ion: 73 Resp: 1477
Ion Ratio Lower Upper
73 100
57 16.5 17.1 25.7#



#20
Methylene Chloride
Concen: 0.59 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

Tgt Ion: 84 Resp: 612
Ion Ratio Lower Upper
84 100
49 98.5 88.6 132.8
51 63.8 27.0 40.6#
86 60.2 50.3 75.5

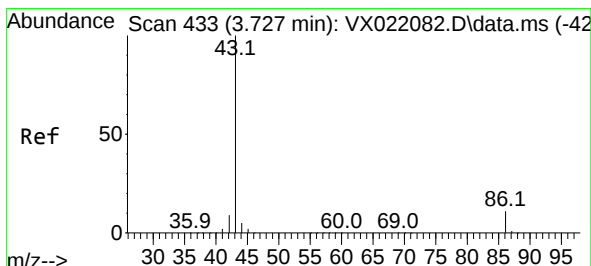
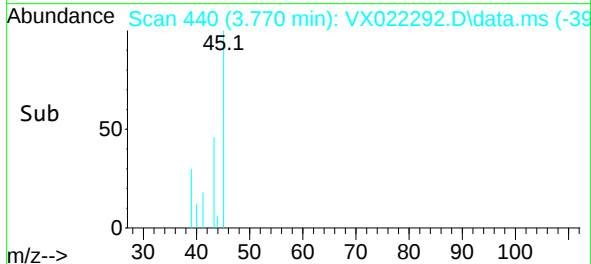
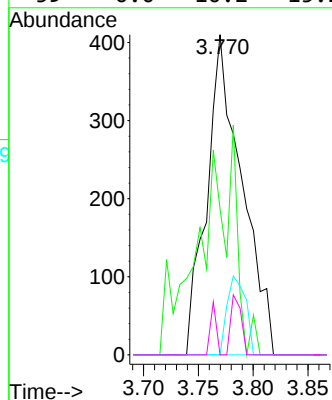
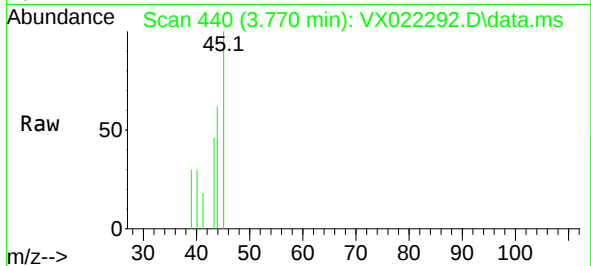




#22
Diisopropyl ether
Concen: 0.33 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

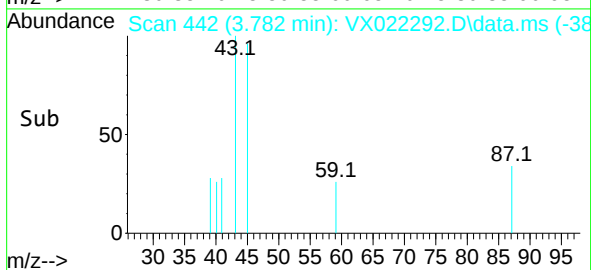
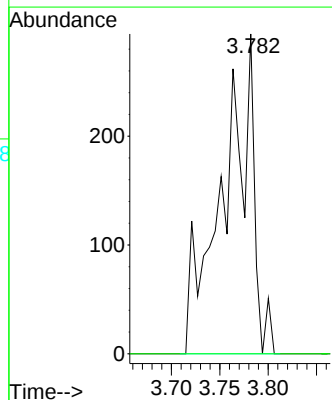
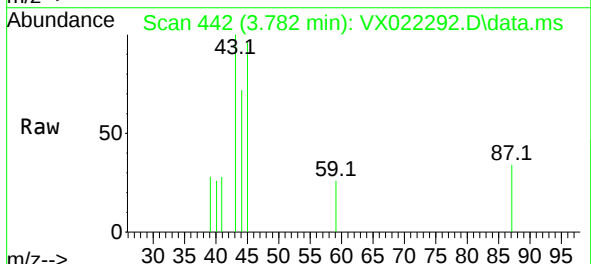
Instrument :
MSVOA_X
ClientSampleId :
31046

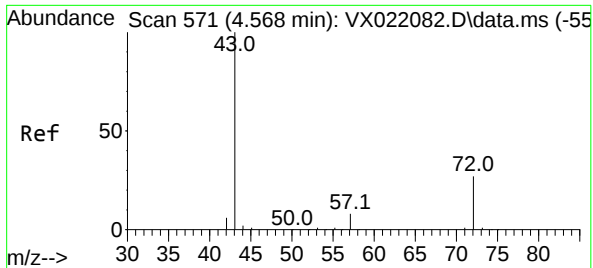
Tgt Ion:	45	Resp:	913
Ion	Ratio	Lower	Upper
45	100		
43	45.6	58.0	87.0#
87	0.0	25.4	38.0#
59	0.0	10.2	15.2#



#23
Vinyl Acetate
Concen: 0.24 ug/l
RT: 3.782 min Scan# 442
Delta R.T. 0.055 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

Tgt Ion:	43	Resp:	639
Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.9	14.9#

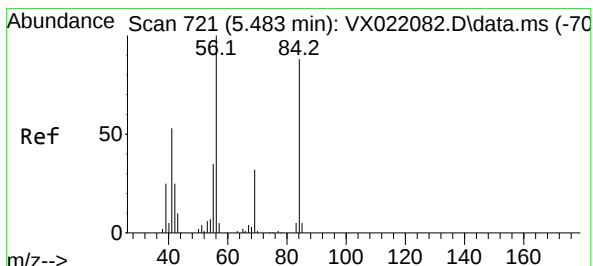
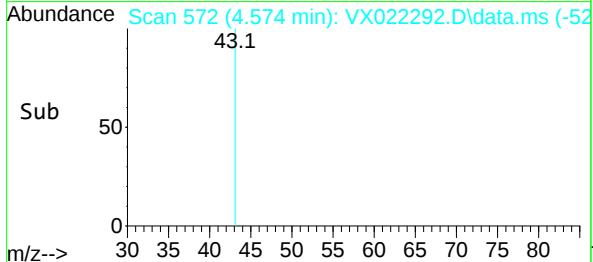
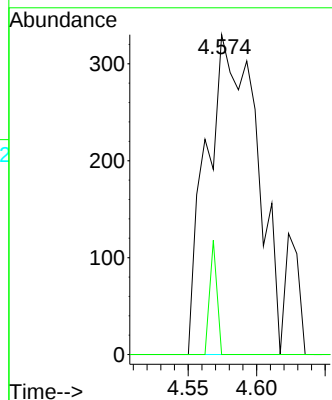
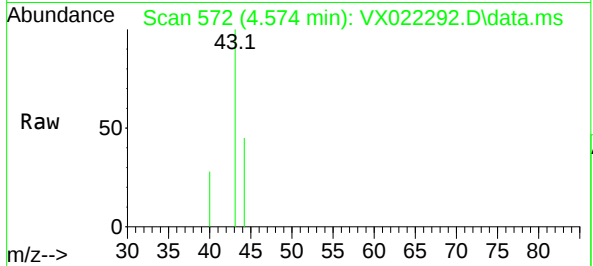




#25
2-Butanone
Concen: 1.12 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

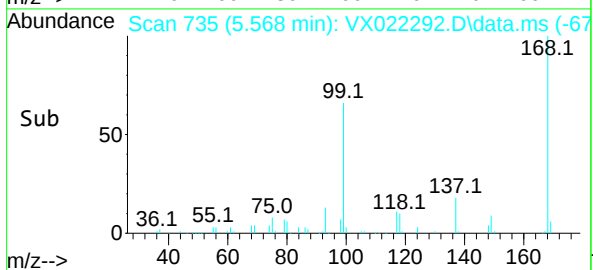
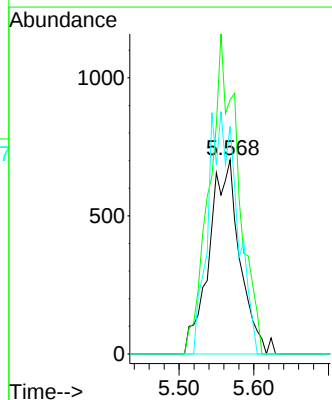
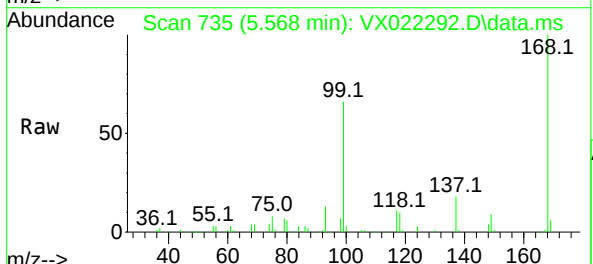
Instrument :
MSVOA_X
ClientSampled :
31046

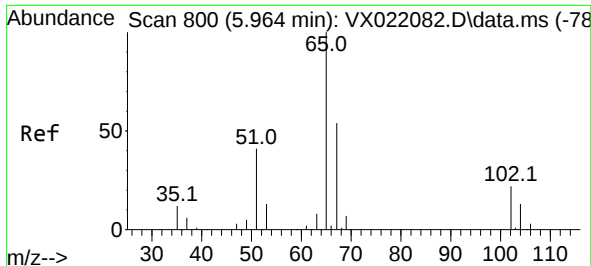
Tgt Ion: 43 Resp: 840
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.50 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

Tgt Ion: 56 Resp: 2008
Ion Ratio Lower Upper
56 100
69 131.0 25.3 37.9#
84 117.2 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 54.08 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

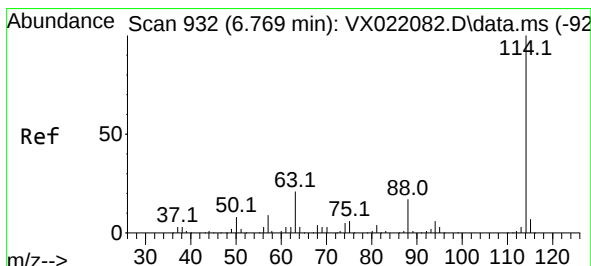
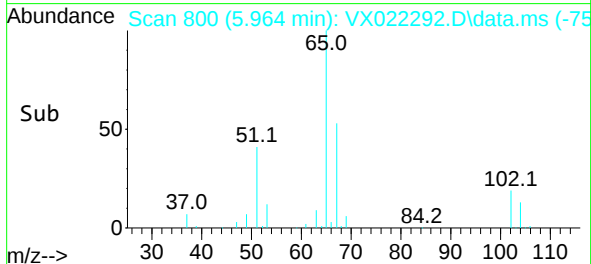
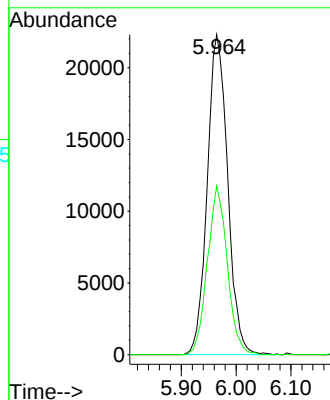
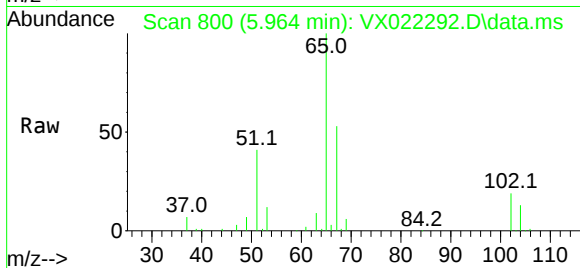
Lab File: VX022292.D

Acq: 01 Jun 2021 15:49

Tgt Ion: 65 Resp: 57599

Ion Ratio Lower Upper

65	100		
67	51.2	0.0	105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

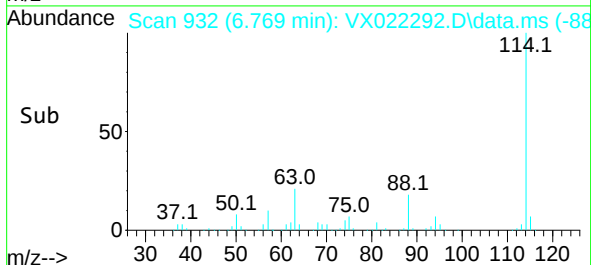
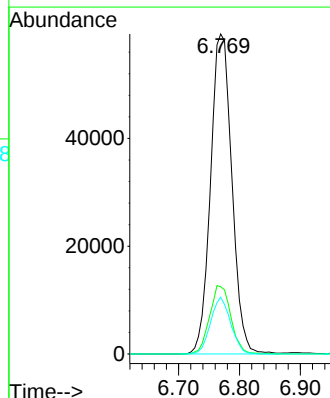
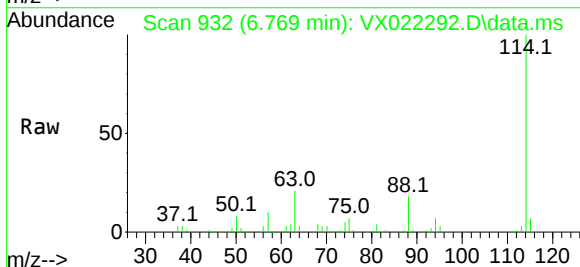
Lab File: VX022292.D

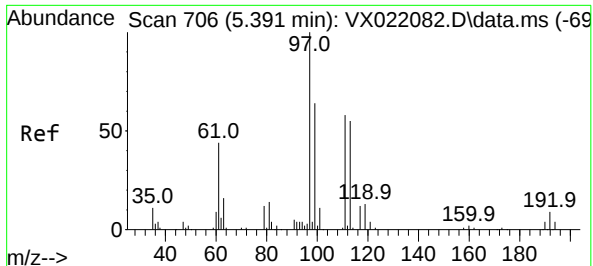
Acq: 01 Jun 2021 15:49

Tgt Ion: 114 Resp: 144554

Ion Ratio Lower Upper

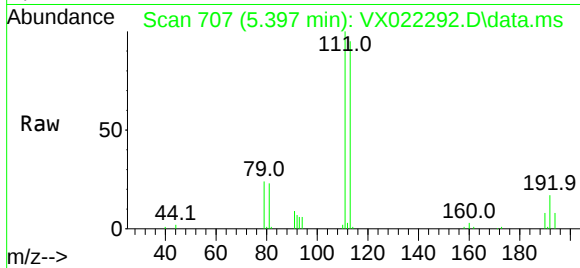
114	100		
63	21.0	0.0	40.8
88	17.7	0.0	32.8



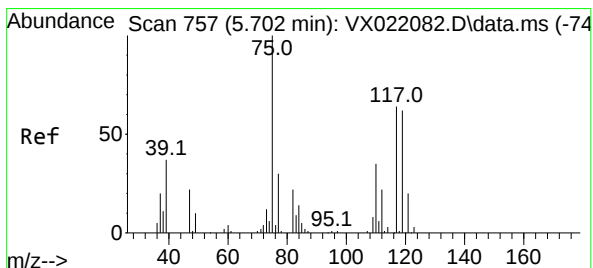
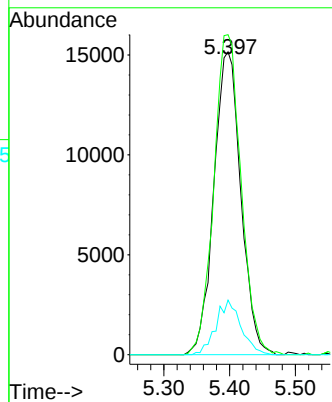
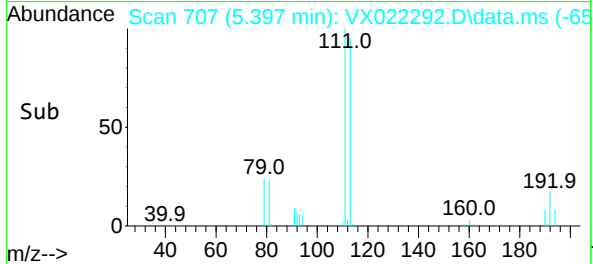


#35
Dibromofluoromethane
Concen: 47.22 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

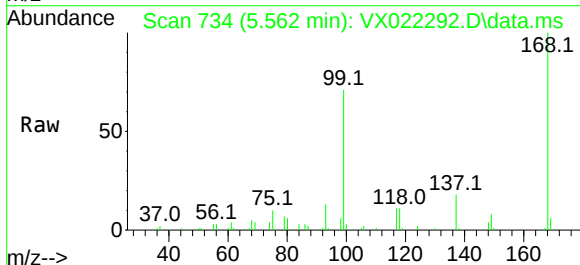
Instrument :
MSVOA_X
ClientSampled :
31046



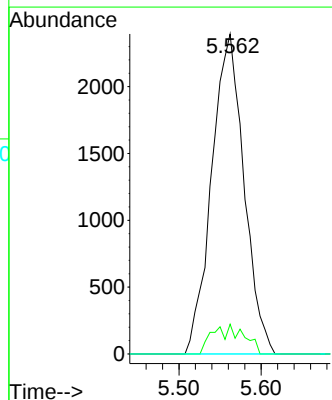
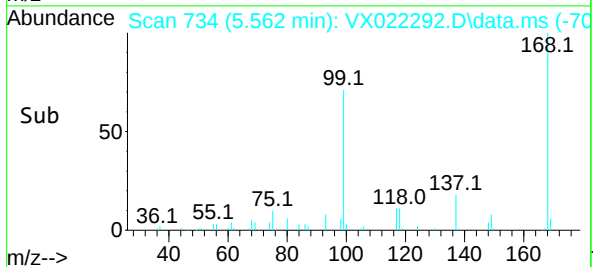
Tgt Ion:113 Resp: 43289
Ion Ratio Lower Upper
113 100
111 106.8 81.9 122.9
192 16.7 16.7 25.1#

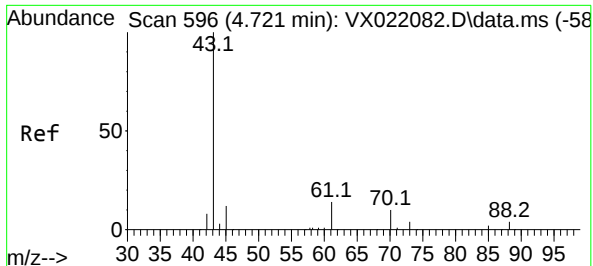


#36
1,1-Dichloropropene
Concen: 4.89 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49



Tgt Ion: 75 Resp: 6540
Ion Ratio Lower Upper
75 100
110 4.1 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.51 ug/l

RT: 4.574 min Scan# 572

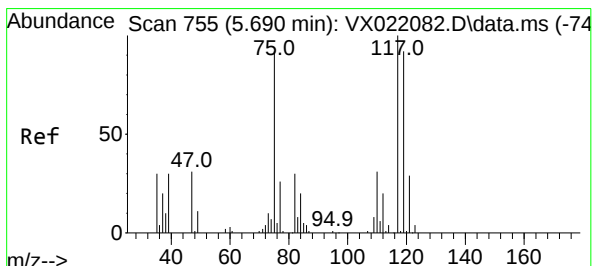
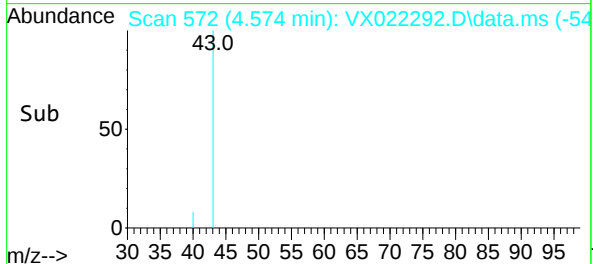
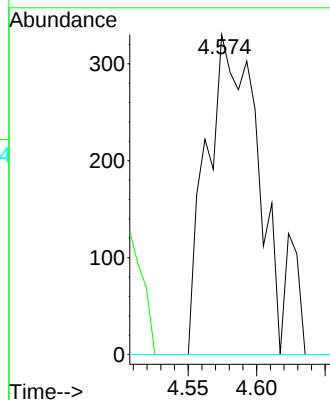
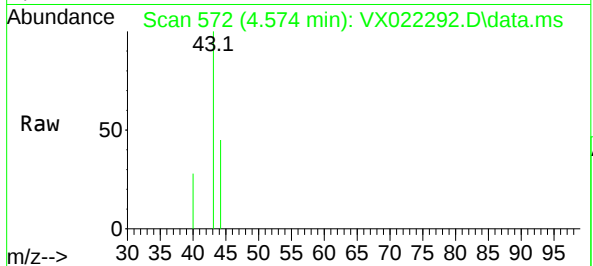
Delta R.T. -0.147 min

Lab File: VX022292.D

Acq: 01 Jun 2021 15:49

Tgt Ion: 43	Resp: 840
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#

Instrument :
MSVOA_X
ClientSampled :
31046



#38

Carbon Tetrachloride

Concen: 5.96 ug/l

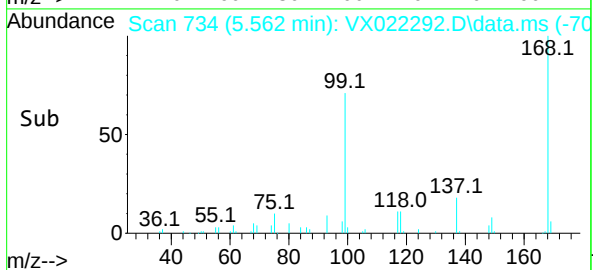
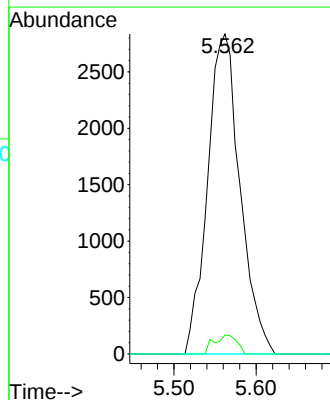
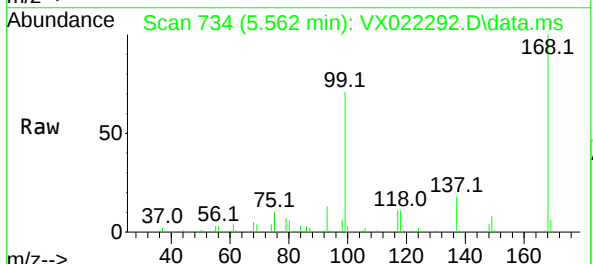
RT: 5.562 min Scan# 734

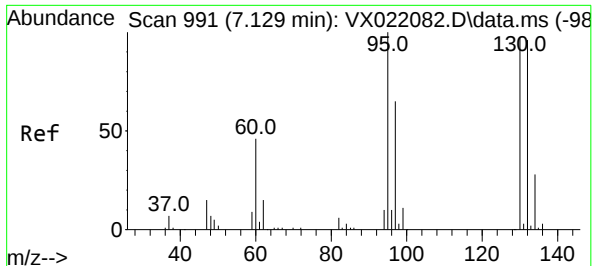
Delta R.T. -0.128 min

Lab File: VX022292.D

Acq: 01 Jun 2021 15:49

Tgt Ion: 117	Resp: 7787
Ion Ratio	Lower Upper
117 100	
119 6.0	76.2 114.2#
121 0.0	24.8 37.2#

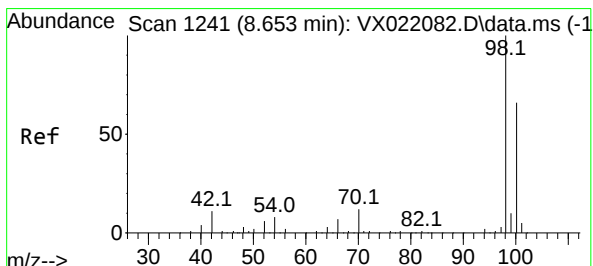
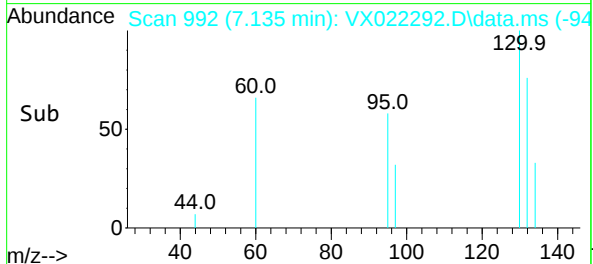
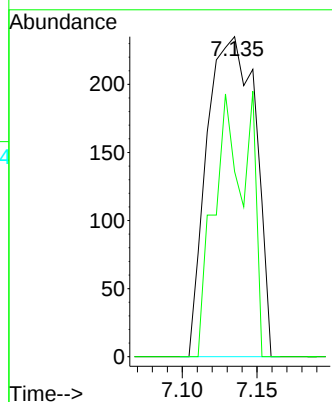
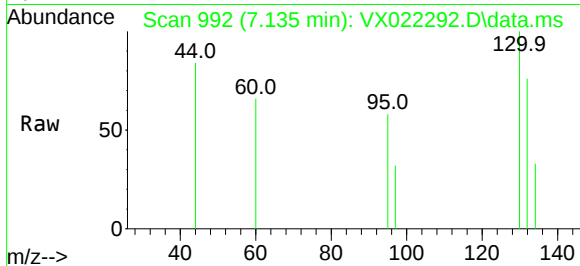




#44
Trichloroethene
Concen: 0.52 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

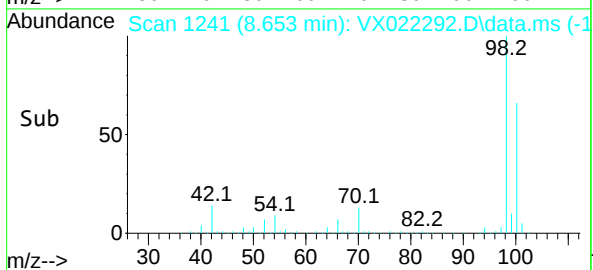
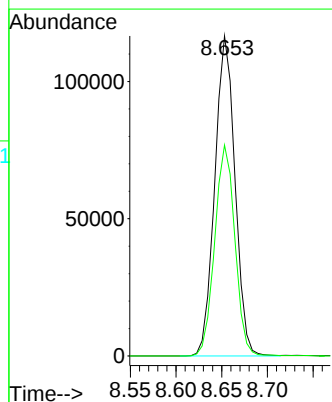
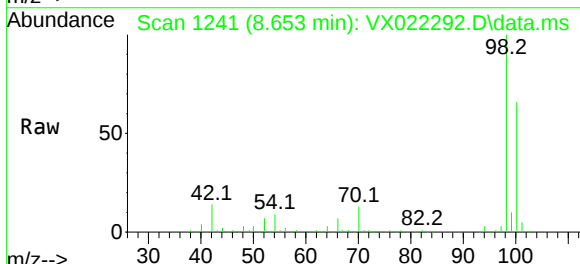
Instrument :
MSVOA_X
ClientSampled :
31046

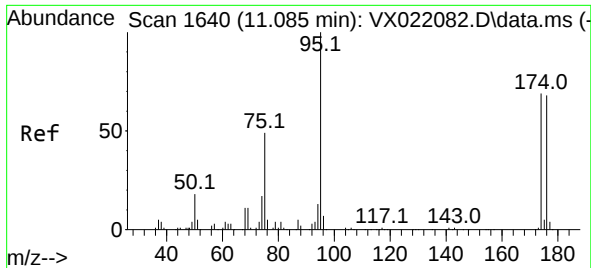
Tgt Ion:130 Resp: 528
Ion Ratio Lower Upper
130 100
95 57.9 0.0 198.0



#50
Toluene-d8
Concen: 50.77 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

Tgt Ion: 98 Resp: 179270
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

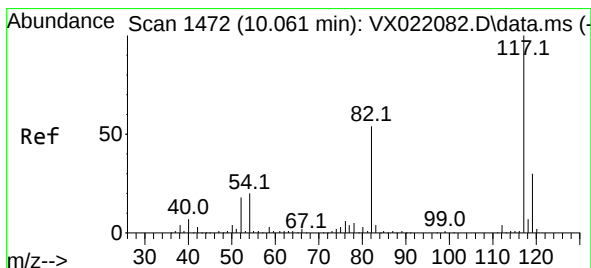
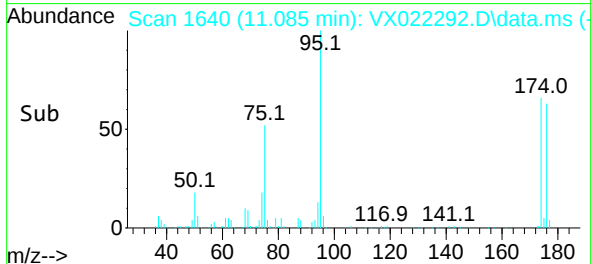
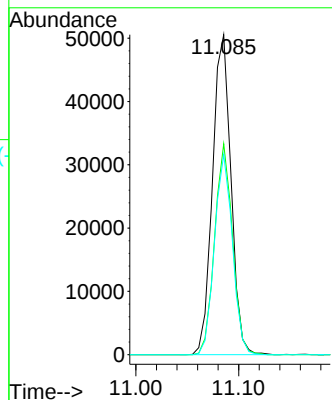
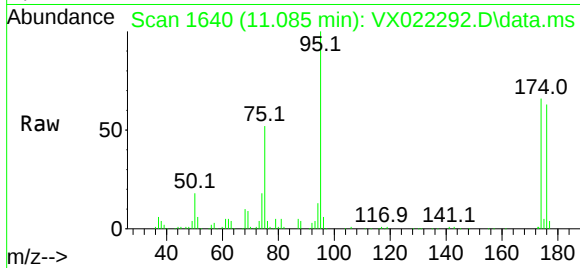




#62
4-Bromofluorobenzene
Concen: 48.28 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

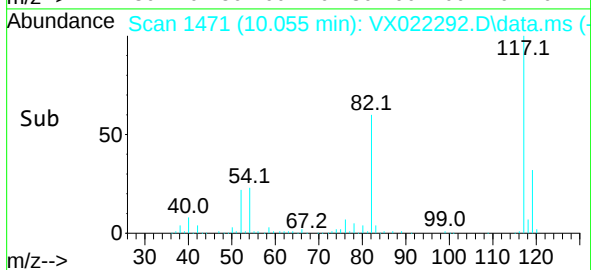
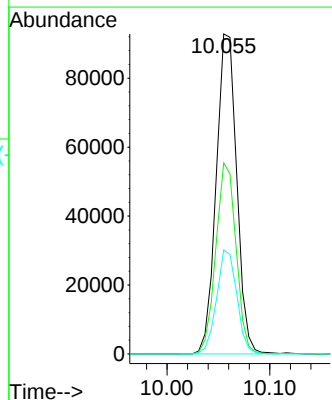
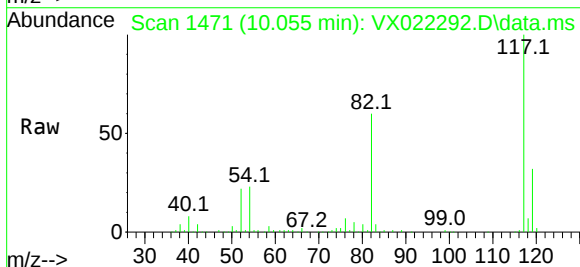
Instrument :
MSVOA_X
ClientSampleId :
31046

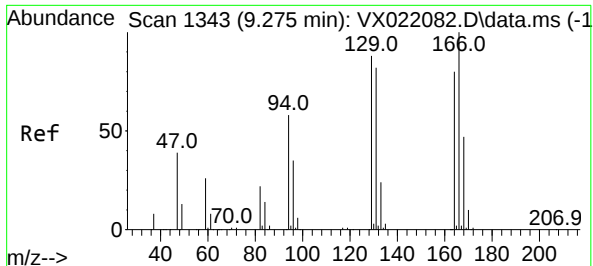
Tgt Ion: 95 Resp: 63017
Ion Ratio Lower Upper
95 100
174 63.7 0.0 154.6
176 60.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

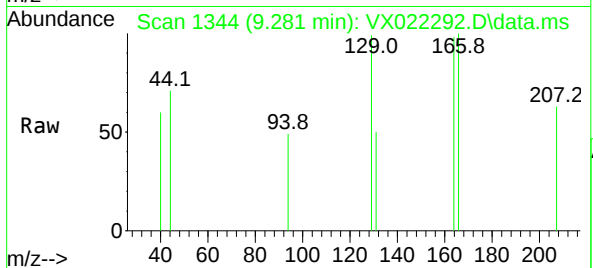
Tgt Ion: 117 Resp: 128902
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 32.5 26.6 39.8



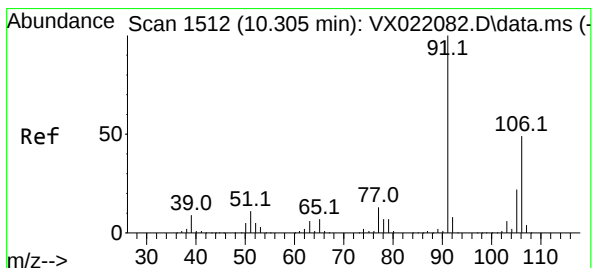
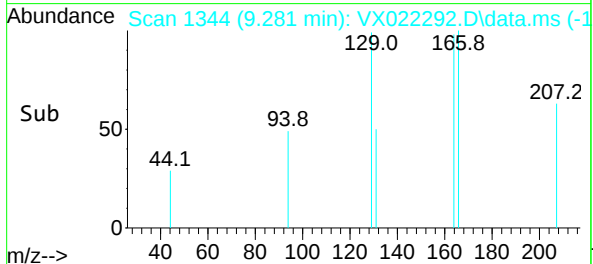
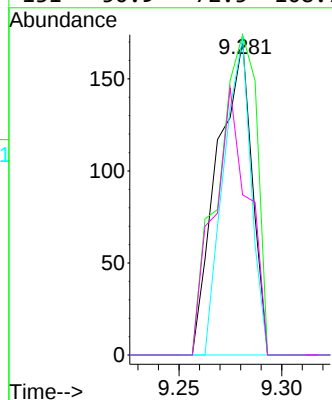


#64
Tetrachloroethene
Concen: 0.24 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

Instrument :
MSVOA_X
ClientSampled :
31046

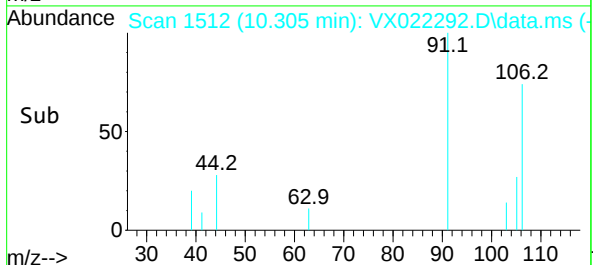
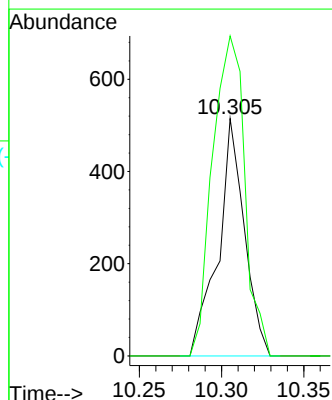
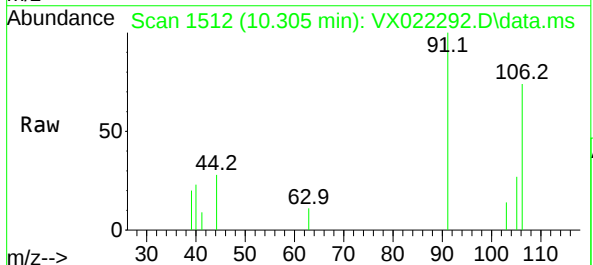


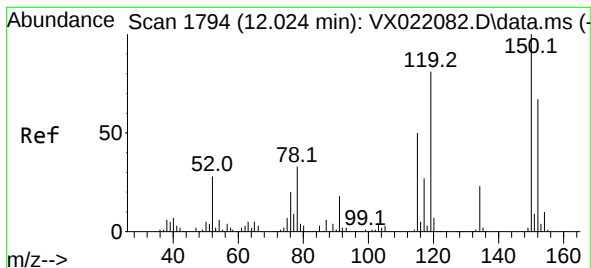
Tgt Ion:164 Resp: 199
Ion Ratio Lower Upper
164 100
166 101.8 103.4 155.2#
129 100.6 70.8 106.2
131 50.9 72.5 108.7#



#68
m/p-Xylenes
Concen: 0.31 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

Tgt Ion:106 Resp: 574
Ion Ratio Lower Upper
106 100
91 164.6 162.8 244.2

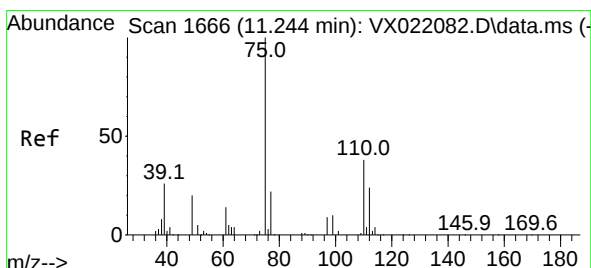
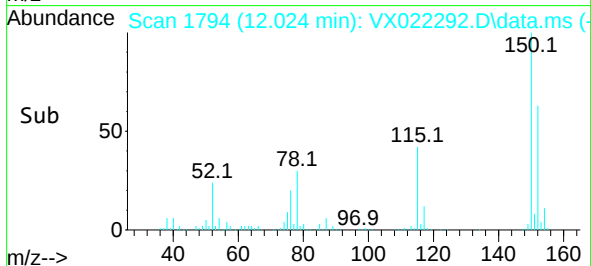
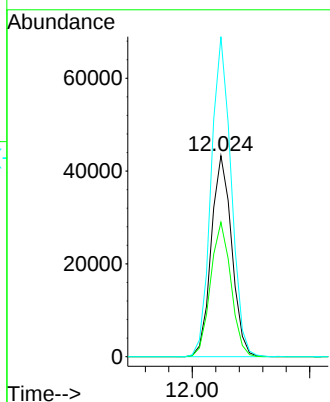
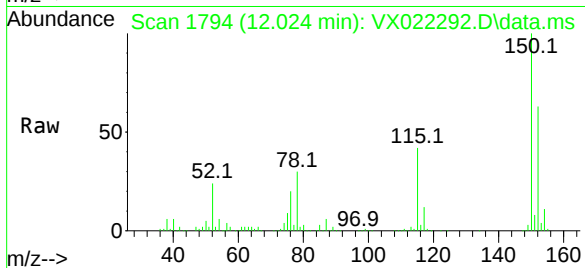




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

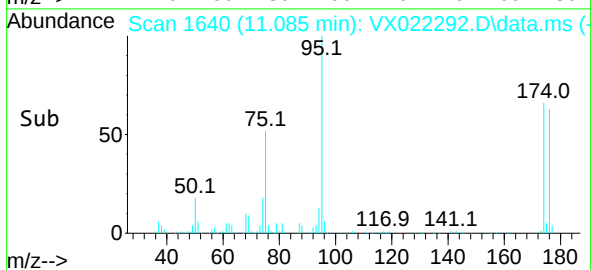
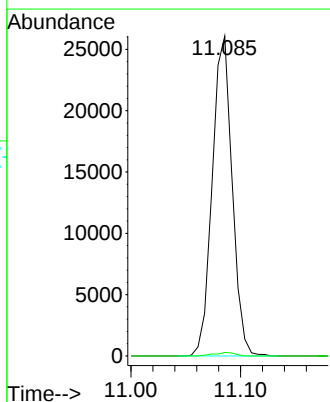
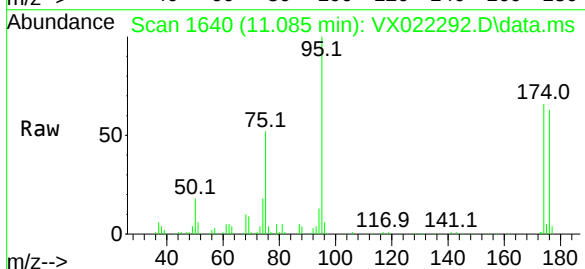
Instrument :
MSVOA_X
ClientSampled :
31046

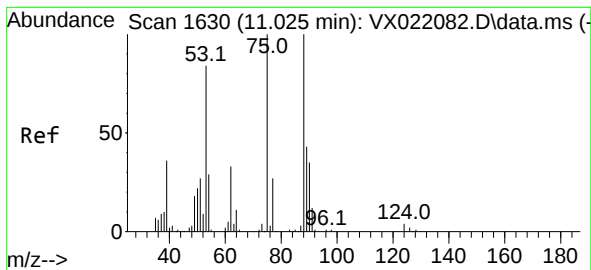
Tgt Ion:152 Resp: 52377
Ion Ratio Lower Upper
152 100
115 66.6 41.1 123.3
150 155.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.47 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022292.D
Acq: 01 Jun 2021 15:49

Tgt Ion: 75 Resp: 32908
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.34 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022292.D
 Acq: 01 Jun 2021 15:49

Instrument :
 MSVOA_X
 ClientSampleId :
 31046

Tgt Ion: 75 Resp: 32908
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

