

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022598.D
 Acq On : 09 Jun 2021 05:27
 Operator : JC/MD
 Sample : M2625-37
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 06:41:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

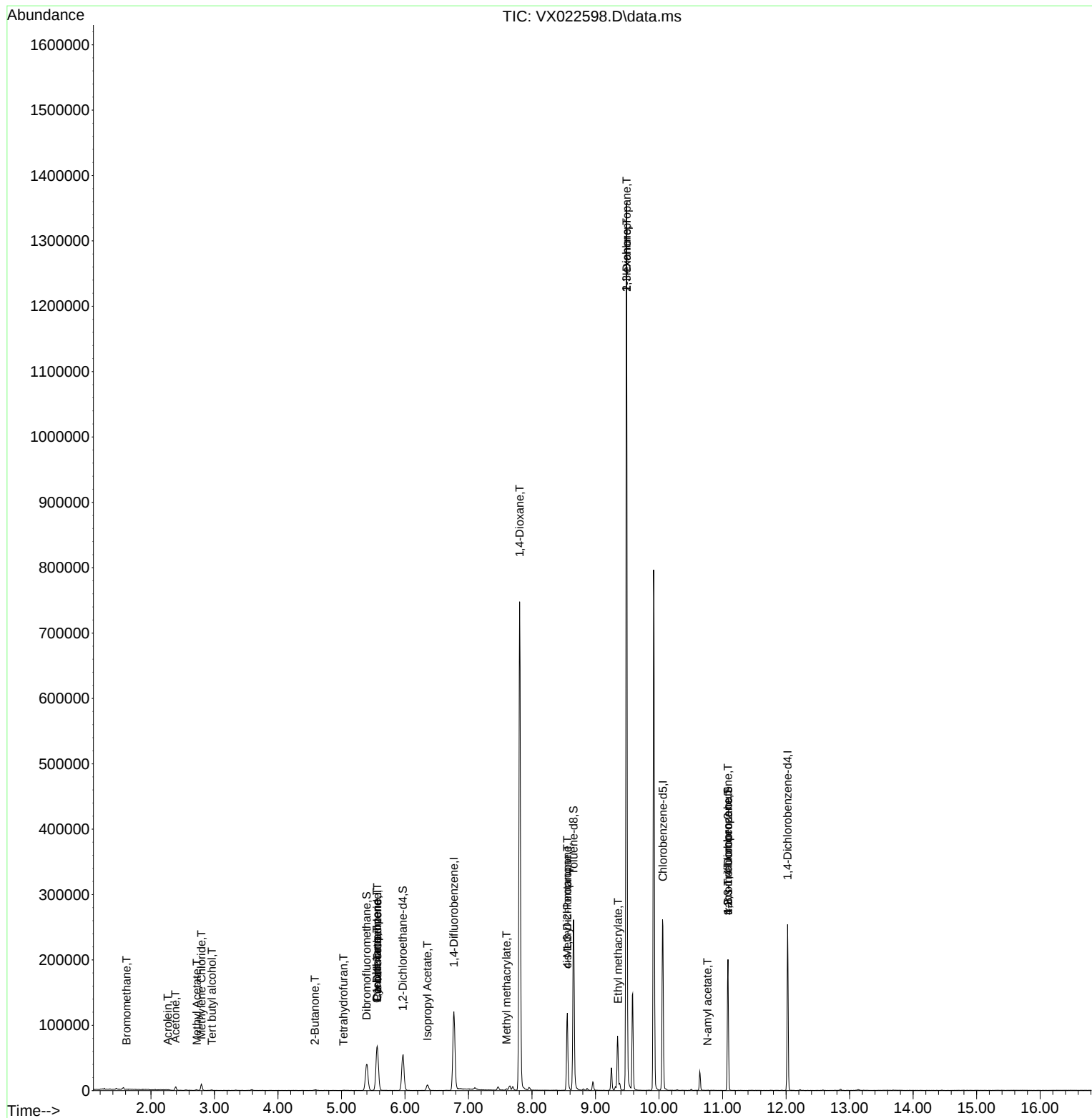
Internal Standards						
1) Pentafluorobenzene	5.562	168	57434	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	118905	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	111660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50257	49.222	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.440%
35) Dibromofluoromethane	5.397	113	34337	46.155	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.320%
50) Toluene-d8	8.653	98	149076	50.221	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.440%
62) 4-Bromofluorobenzene	11.085	95	53650	48.625	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.240%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	89	0.215	ug/l	# 2
11) Tert butyl alcohol	2.959	59	693	3.026	ug/l	# 73
13) Acrolein	2.264	56	20	3.300	ug/l	# 14
16) Acetone	2.386	43	5714	12.454	ug/l	90
18) Methyl Acetate	2.721	43	1388	1.097	ug/l	# 85
20) Methylene Chloride	2.794	84	3927	4.100	ug/l	# 86
25) 2-Butanone	4.580	43	748	0.986	ug/l	# 55
29) Tetrahydrofuran	5.031	42	402	0.903	ug/l	# 45
31) Cyclohexane	5.556	56	1591	1.317	ug/l	# 29
36) 1,1-Dichloropropene	5.556	75	5826	5.065	ug/l	# 48
38) Carbon Tetrachloride	5.562	117	6886	8.258	ug/l	# 16
43) Isopropyl Acetate	6.354	43	12219	5.105	ug/l	# 90
48) Methyl methacrylate	7.598	41	3490	3.134	ug/l	# 10
49) 1,4-Dioxane	7.805	88	87	3.863	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	41884	28.091	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	17904	13.407	ug/l	# 66
56) Ethyl methacrylate	9.354	69	429	2.952	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	10886	6.932	ug/l	# 42
59) 2-Hexanone	9.488	43	156758	137.623	ug/l	# 44
74) N-amyl acetate	10.762	43	466	0.245	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	28313	25.087	ug/l	# 40
81) trans-1,4-Dichloro-2-b...	11.085	75	28313	62.062	ug/l	# 12

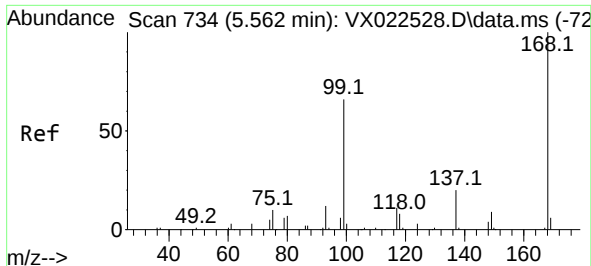
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 09 06:41:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration

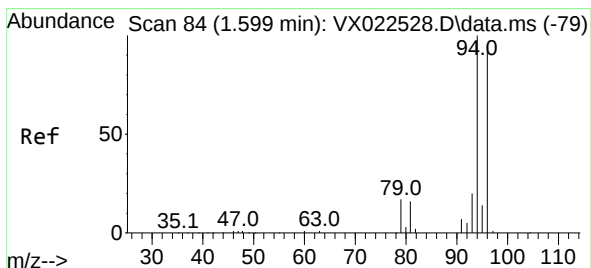
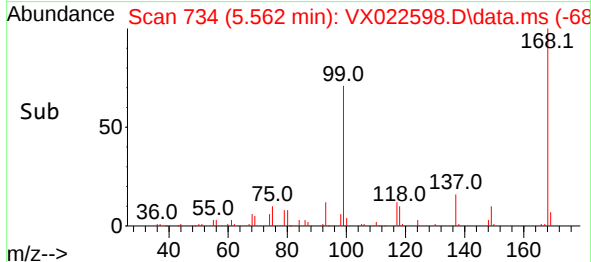
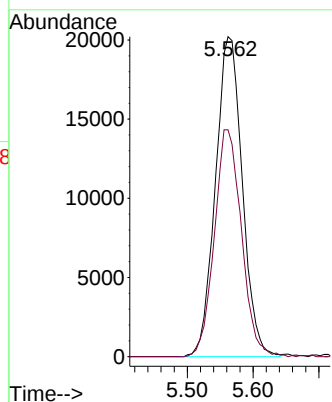
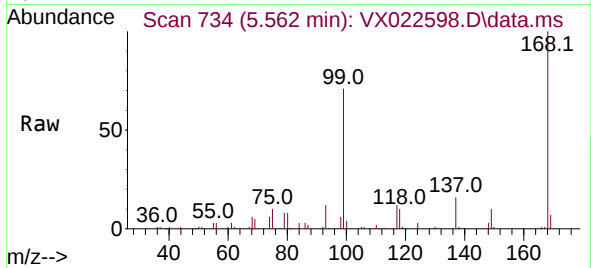




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

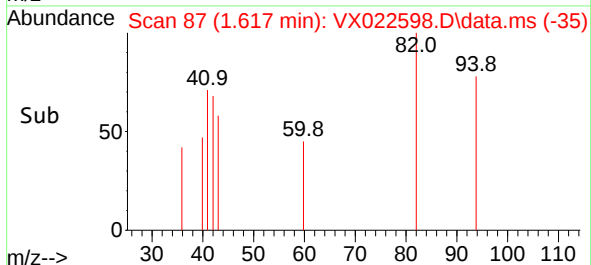
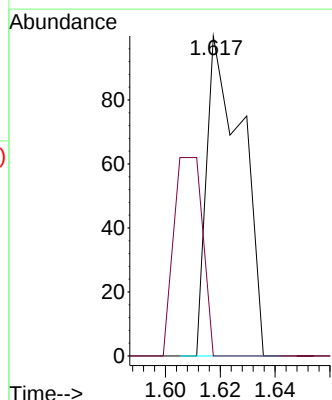
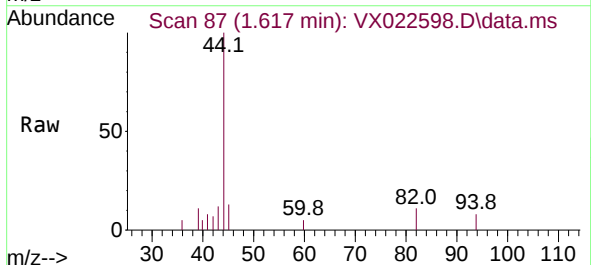
Instrument :
MSVOA_X
ClientSampled :

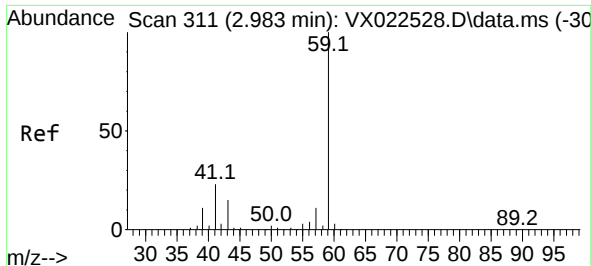
Tgt Ion:168 Resp: 57434
Ion Ratio Lower Upper
168 100
99 70.9 45.8 68.6#



#5
Bromomethane
Concen: 0.215 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

Tgt Ion: 94 Resp: 89
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#





#11

Tert butyl alcohol

Concen: 3.026 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.024 min

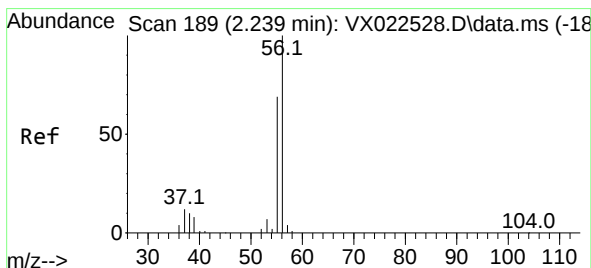
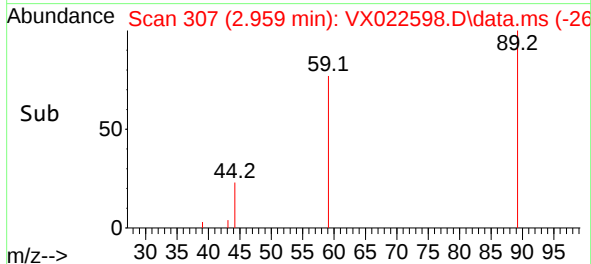
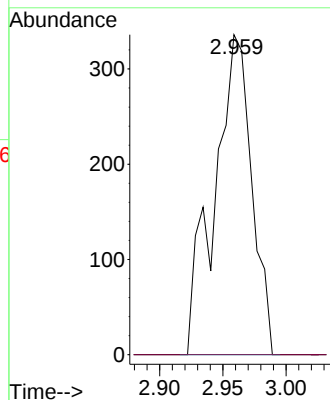
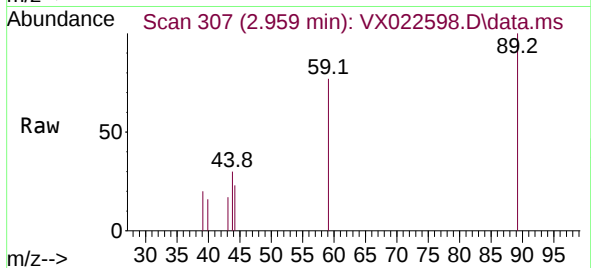
Lab File: VX022598.D

Acq: 09 Jun 2021 05:27

Tgt Ion: 59 Resp: 693

Ion Ratio Lower Upper

59 100
57 0.0 7.8 11.8#



#13

Acrolein

Concen: 3.300 ug/l

RT: 2.264 min Scan# 193

Delta R.T. 0.025 min

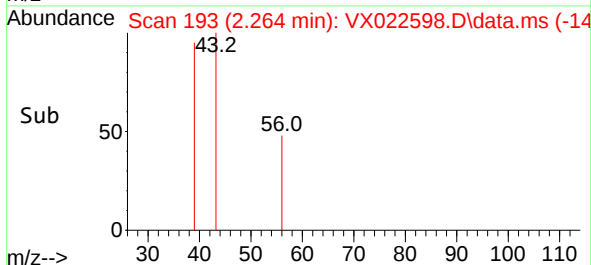
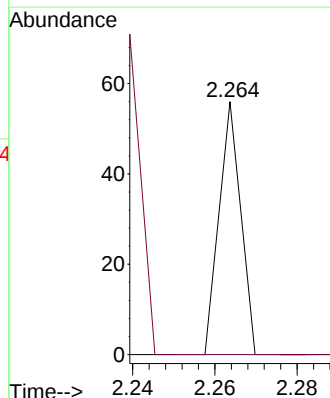
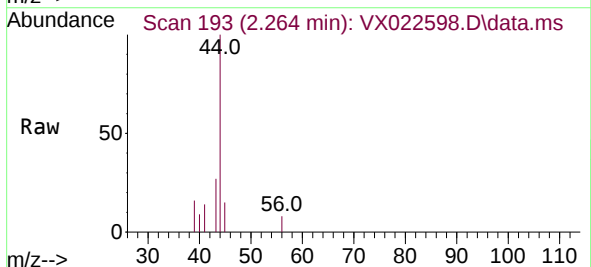
Lab File: VX022598.D

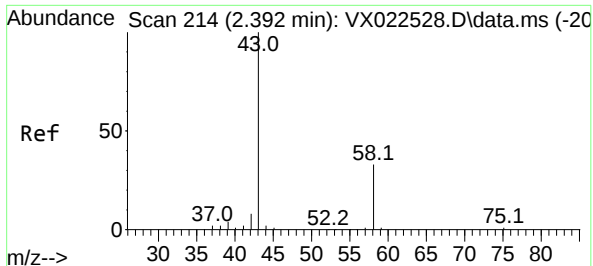
Acq: 09 Jun 2021 05:27

Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100
55 0.0 56.4 84.6#

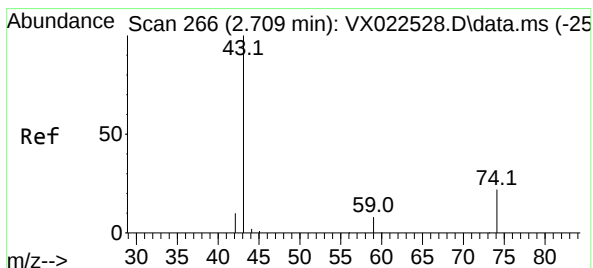
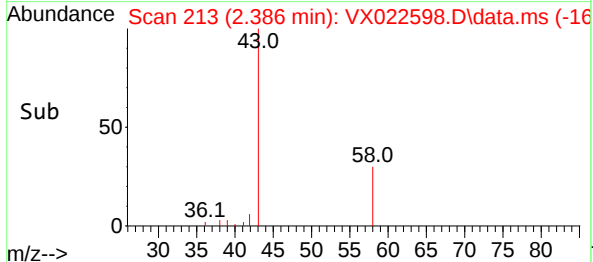
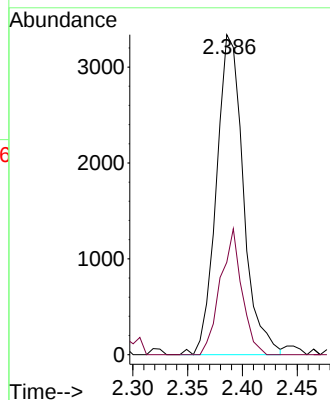
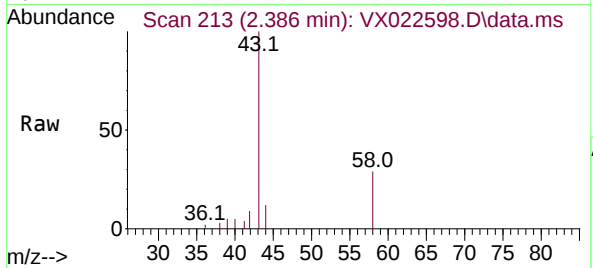




#16
Acetone
Concen: 12.454 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

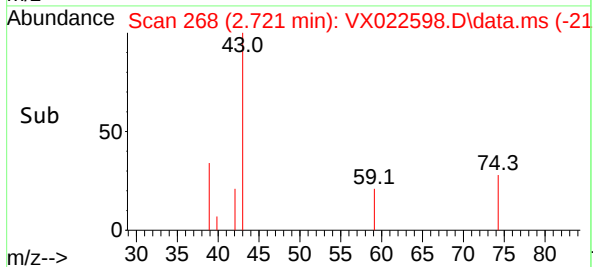
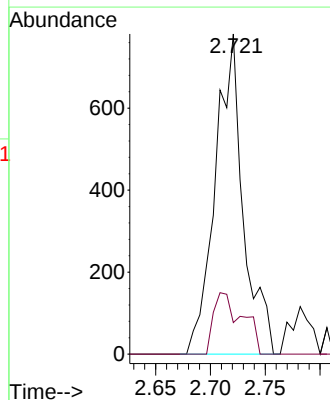
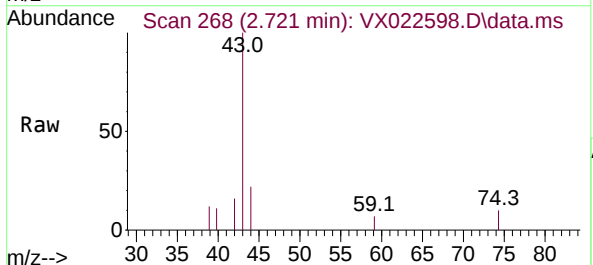
Instrument :
MSVOA_X
ClientSampled :

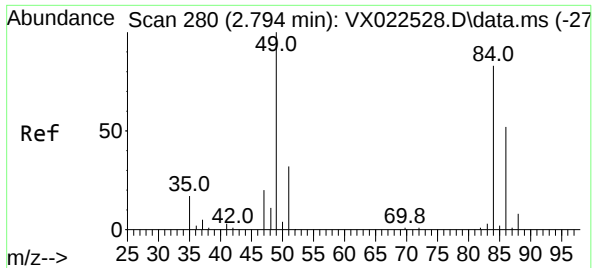
Tgt Ion: 43 Resp: 5714
Ion Ratio Lower Upper
43 100
58 28.8 27.8 41.8



#18
Methyl Acetate
Concen: 1.097 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

Tgt Ion: 43 Resp: 1388
Ion Ratio Lower Upper
43 100
74 19.7 21.9 32.9#

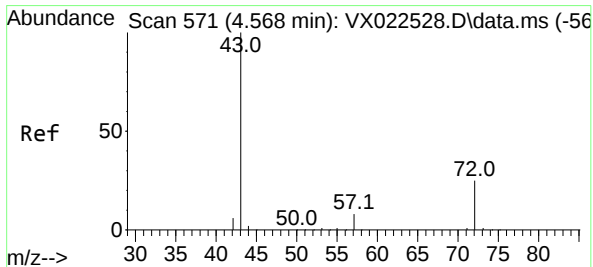
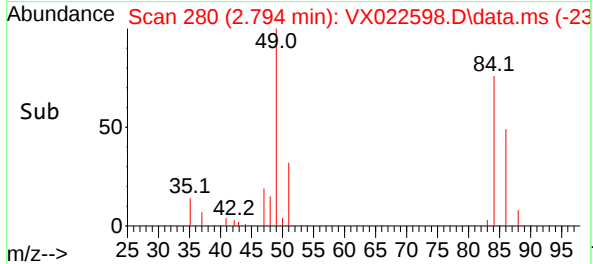
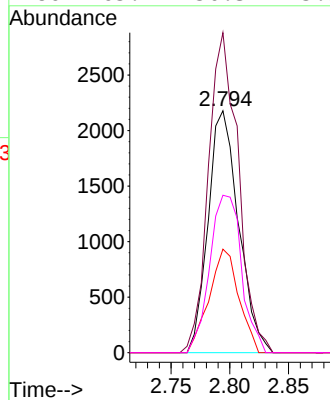
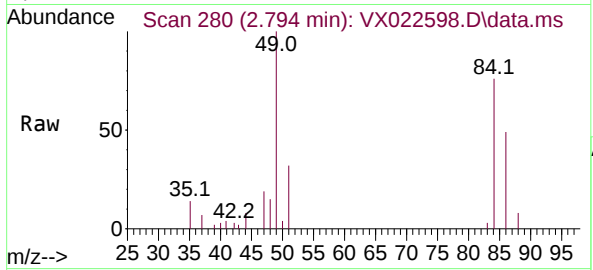




#20
Methylene Chloride
Concen: 4.100 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

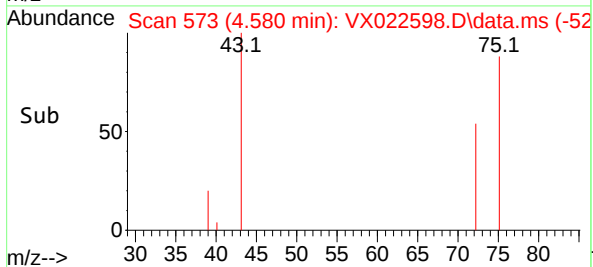
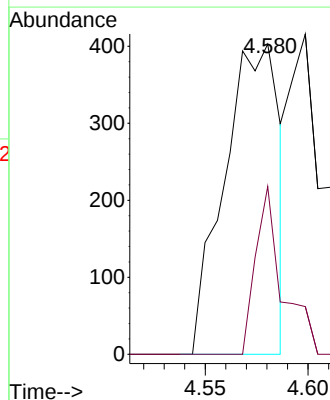
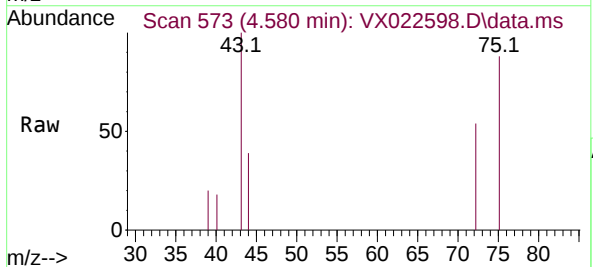
Instrument :
MSVOA_X
ClientSampled :

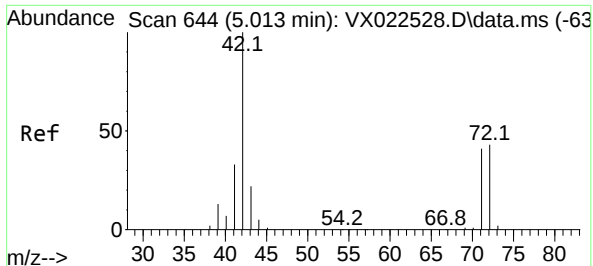
Tgt Ion: 84	Resp: 3927
Ion Ratio	Lower Upper
84 100	
49 132.3	88.6 132.8
51 42.8	27.0 40.6#
86 65.1	50.3 75.5



#25
2-Butanone
Concen: 0.986 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

Tgt Ion: 43	Resp: 748
Ion Ratio	Lower Upper
43 100	
72 54.1	23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.903 ug/l

RT: 5.031 min Scan# 647

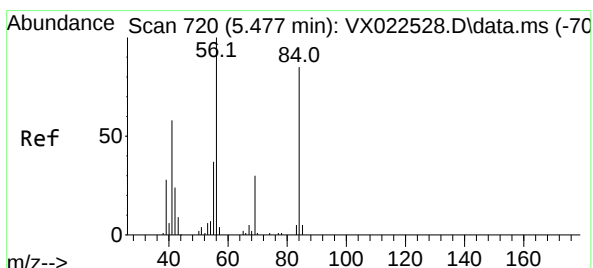
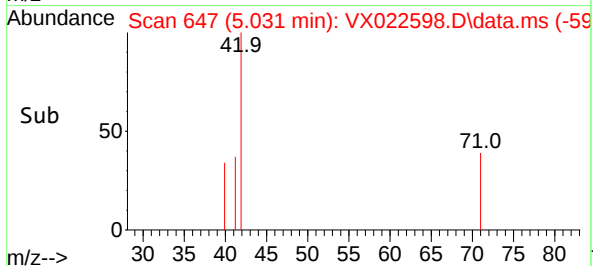
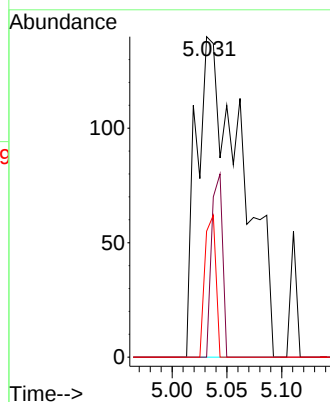
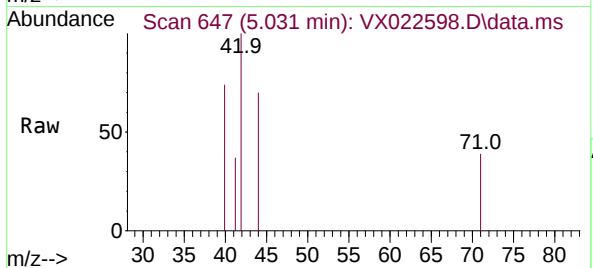
Delta R.T. 0.018 min

Lab File: VX022598.D

Acq: 09 Jun 2021 05:27

Tgt Ion:	42	Resp:	402
Ion	Ratio	Lower	Upper
42	100		
72	13.7	41.7	62.5#
71	10.7	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.317 ug/l

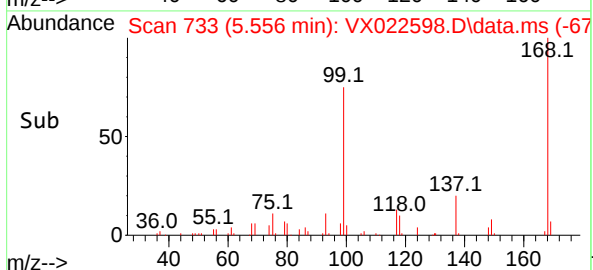
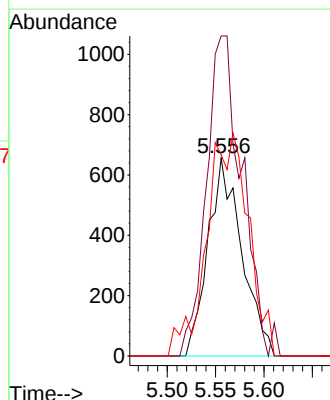
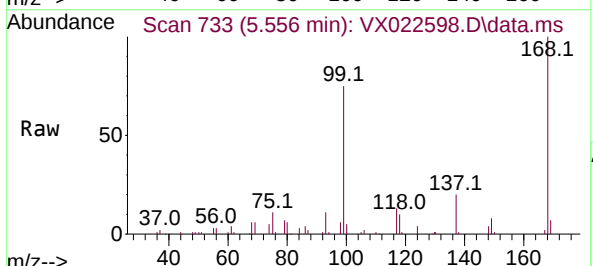
RT: 5.556 min Scan# 733

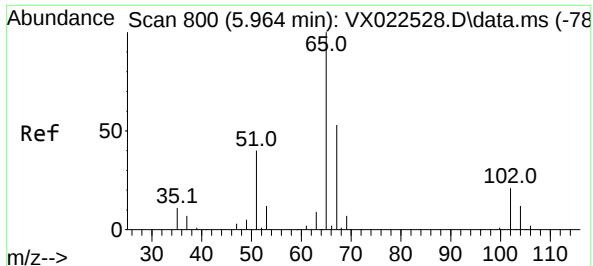
Delta R.T. 0.079 min

Lab File: VX022598.D

Acq: 09 Jun 2021 05:27

Tgt Ion:	56	Resp:	1591
Ion	Ratio	Lower	Upper
56	100		
69	161.7	25.3	37.9#
84	101.7	71.4	107.0



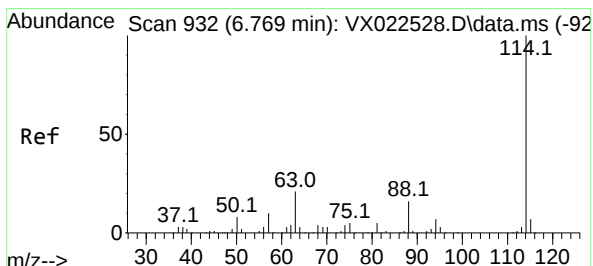
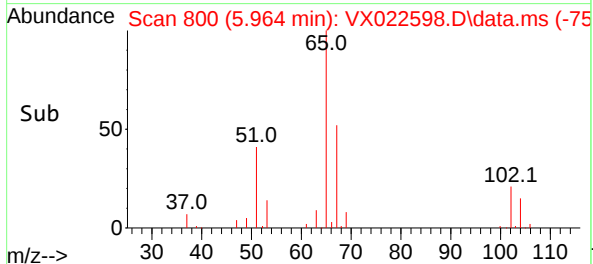
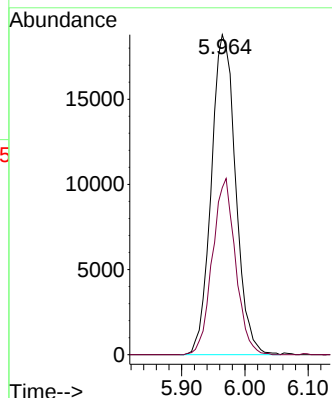
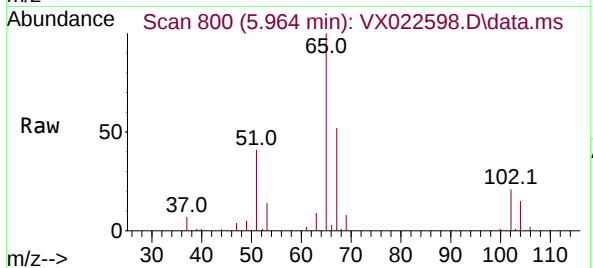


#33

1,2-Dichloroethane-d4
Concen: 49.222 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

Instrument :
MSVOA_X
ClientSampled :

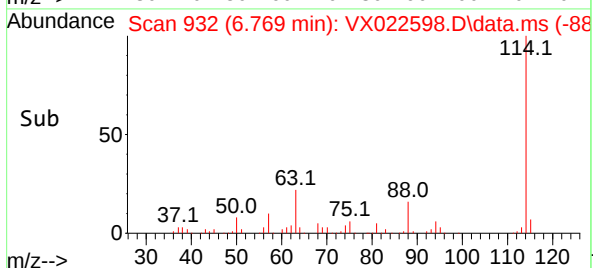
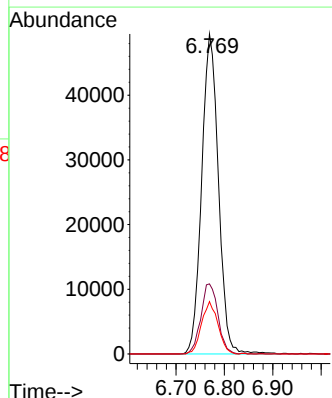
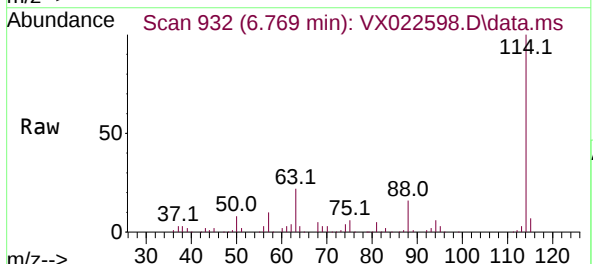
Tgt Ion: 65 Resp: 50257
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

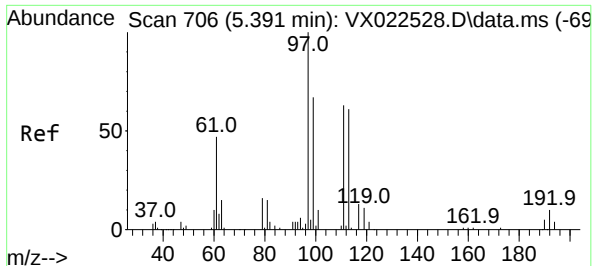


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

Tgt Ion: 114 Resp: 118905
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.155 ug/l

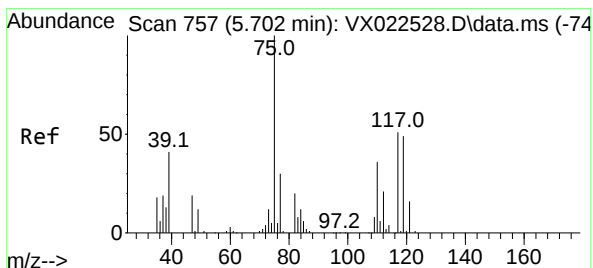
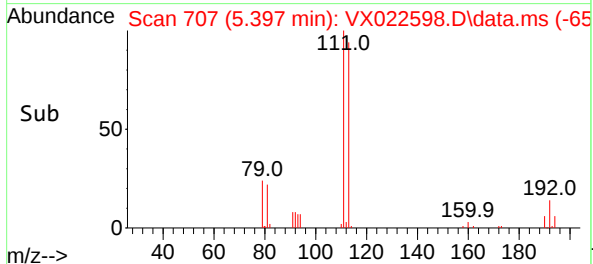
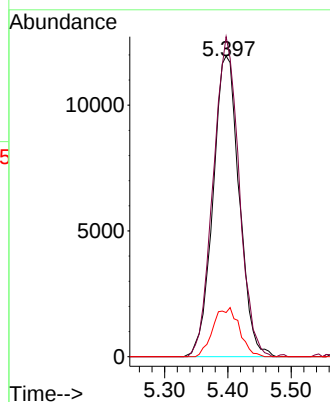
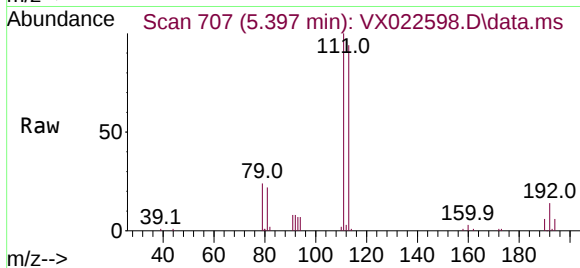
RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022598.D

Acq: 09 Jun 2021 05:27

Tgt Ion:	113	Resp:	34337
Ion	Ratio	Lower	Upper
113	100		
111	105.1	81.9	122.9
192	16.4	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 5.065 ug/l

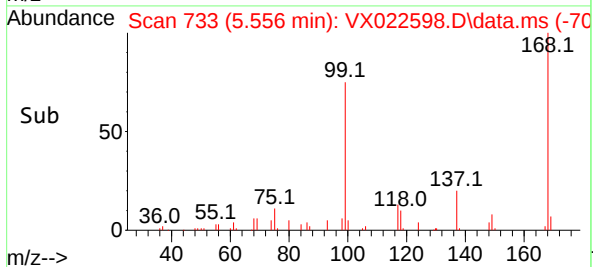
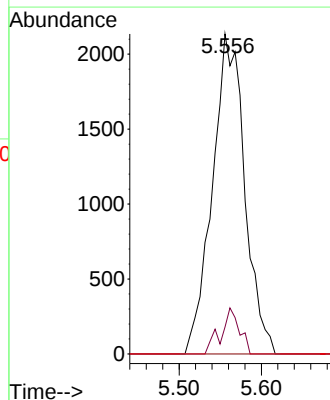
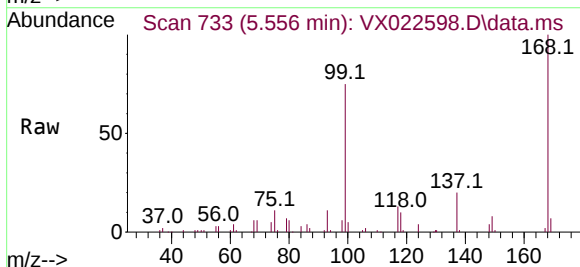
RT: 5.556 min Scan# 733

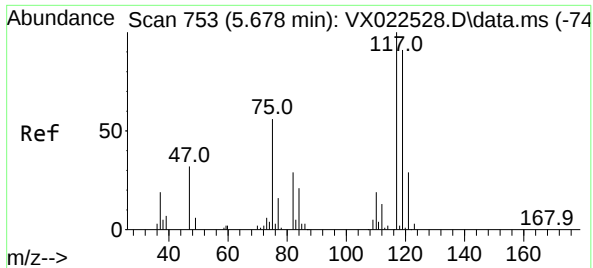
Delta R.T. -0.146 min

Lab File: VX022598.D

Acq: 09 Jun 2021 05:27

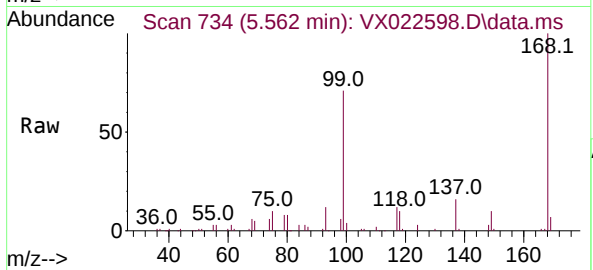
Tgt Ion:	75	Resp:	5826
Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.1	54.4#
77	0.0	25.3	37.9#



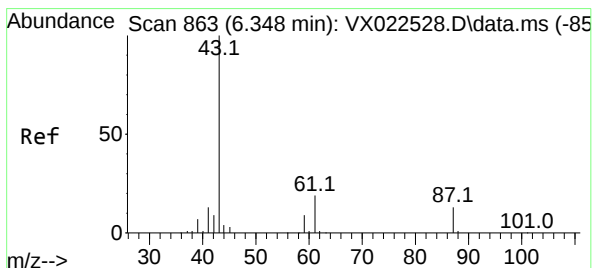
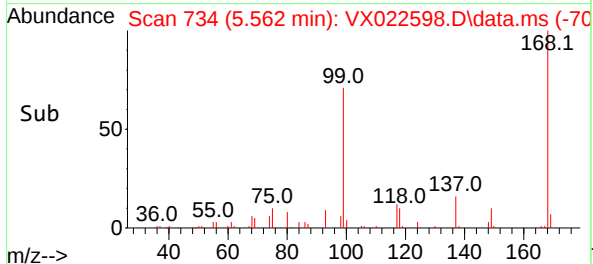
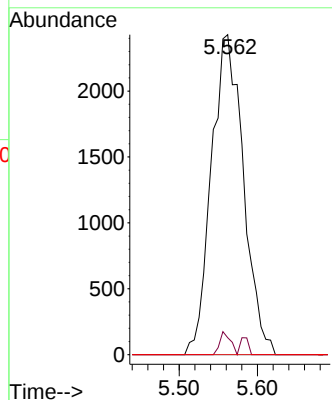


#38
Carbon Tetrachloride
Concen: 8.258 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

Instrument :
MSVOA_X
ClientSampled :

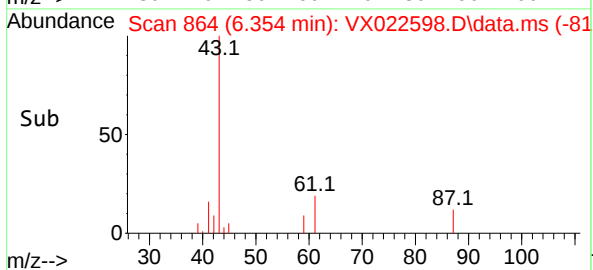
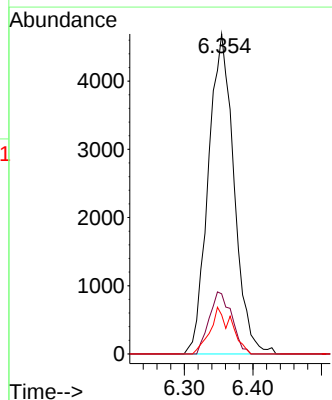
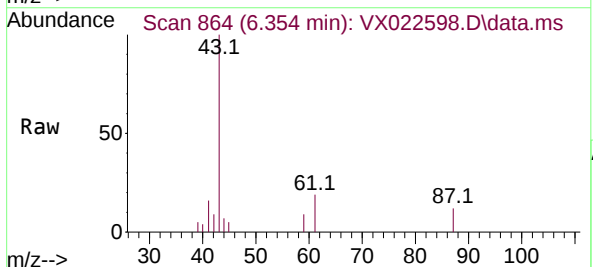


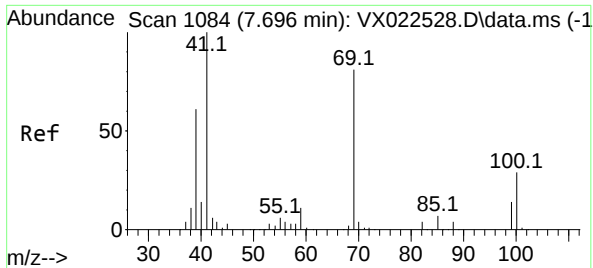
Tgt Ion:117 Resp: 6886
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 5.105 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

Tgt Ion: 43 Resp: 12219
Ion Ratio Lower Upper
43 100
61 17.0 18.2 27.4#
87 12.3 12.5 18.7#

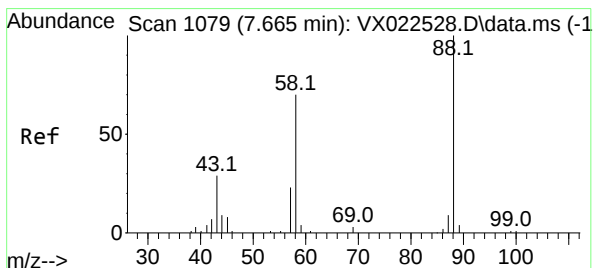
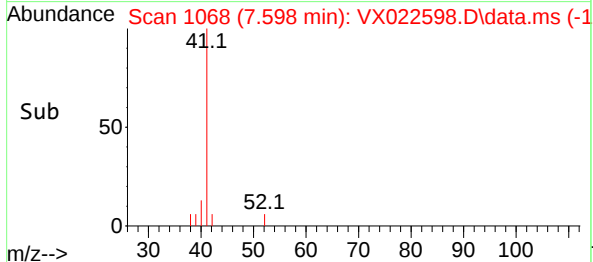
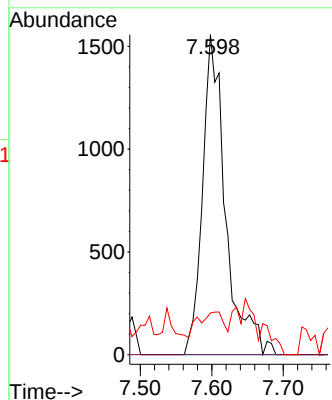
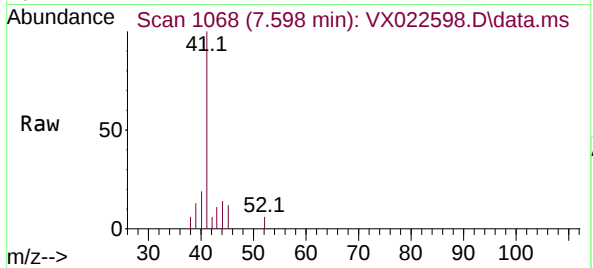




#48
Methyl methacrylate
Concen: 3.134 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

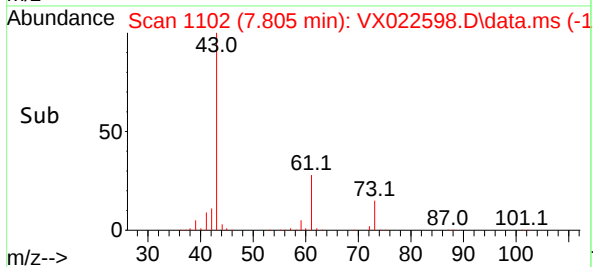
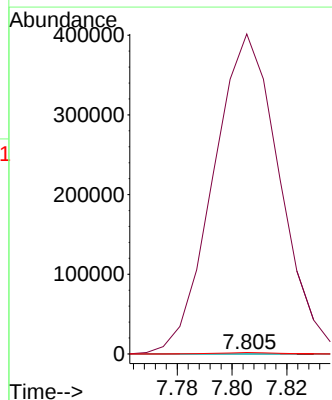
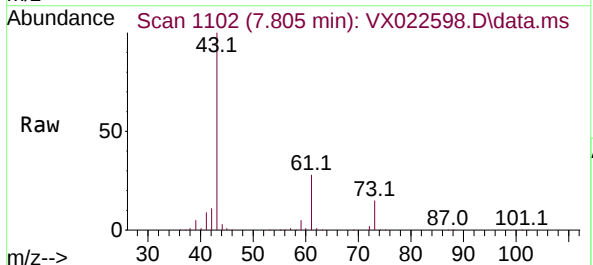
Instrument :
MSVOA_X
ClientSampled :

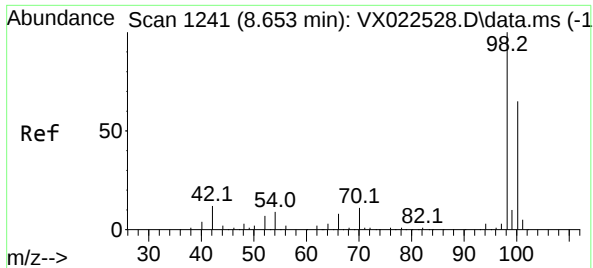
Tgt Ion: 41 Resp: 3490
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 3.863 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.140 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

Tgt Ion: 88 Resp: 87
Ion Ratio Lower Upper
88 100
43 789442.5 23.2 34.8#
58 3134.5 55.0 82.4#

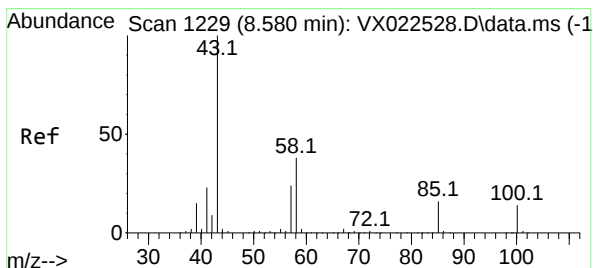
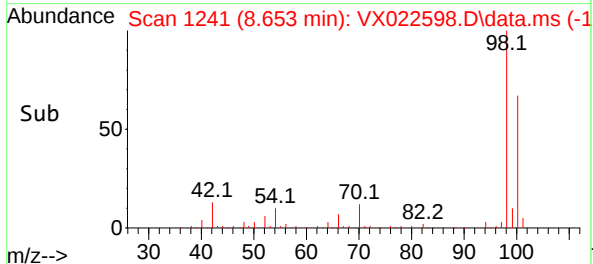
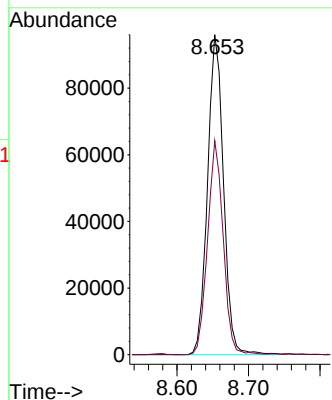
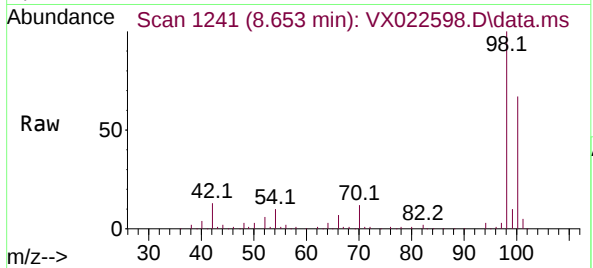




#50
Toluene-d8
Concen: 50.221 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

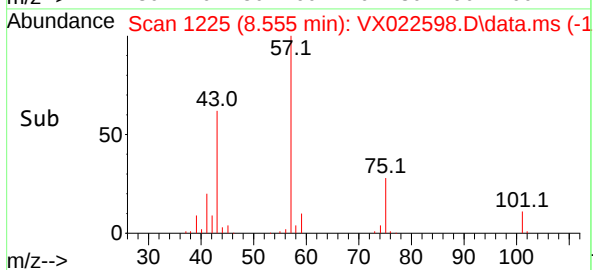
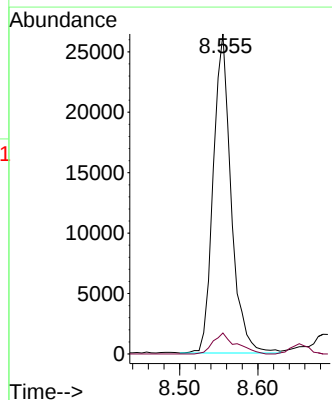
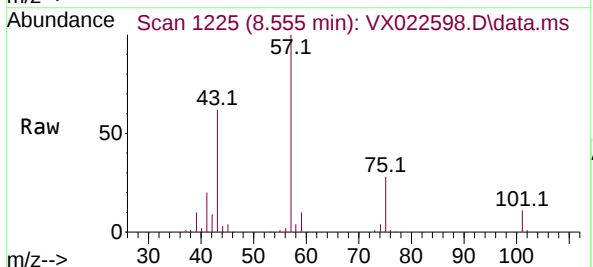
Instrument :
MSVOA_X
ClientSampled :

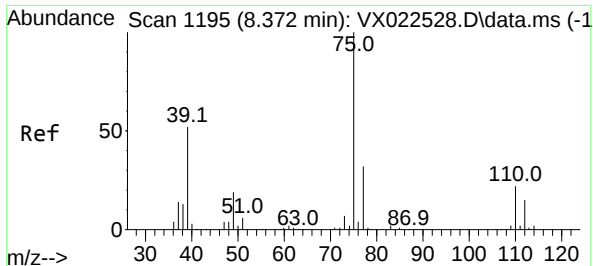
Tgt Ion: 98 Resp: 149076
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 28.091 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

Tgt Ion: 43 Resp: 41884
Ion Ratio Lower Upper
43 100
58 8.3 35.4 53.0#

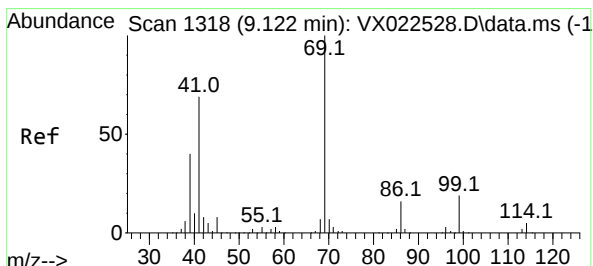
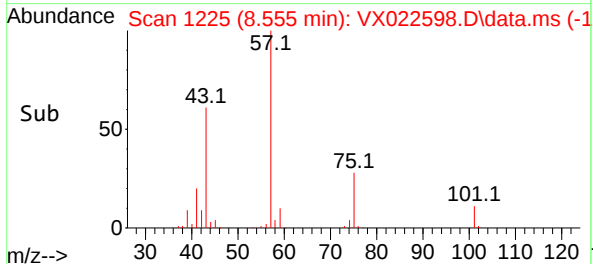
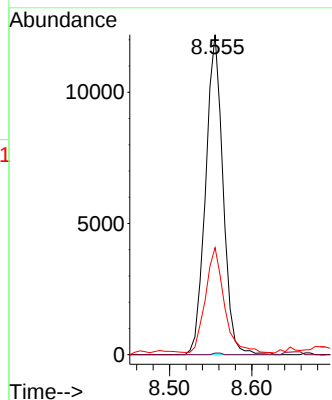
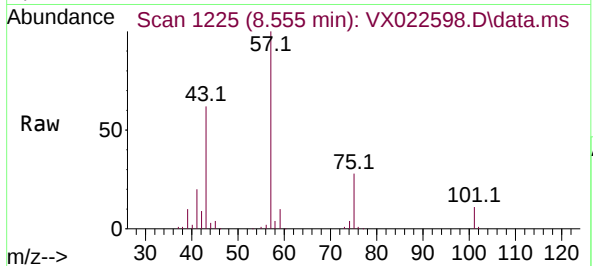




#54
 cis-1,3-Dichloropropene
 Concen: 13.407 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.183 min
 Lab File: VX022598.D
 Acq: 09 Jun 2021 05:27

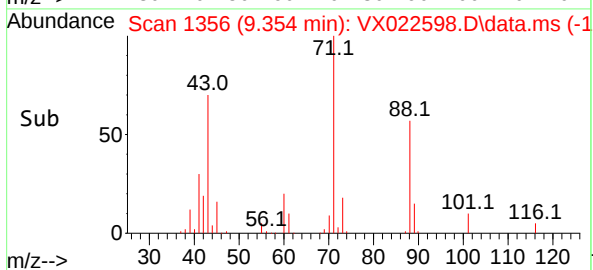
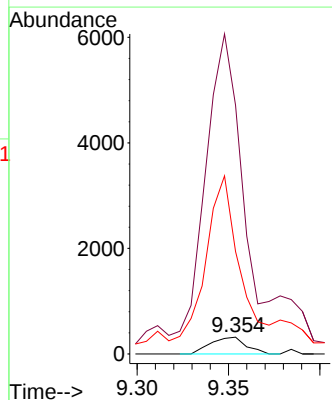
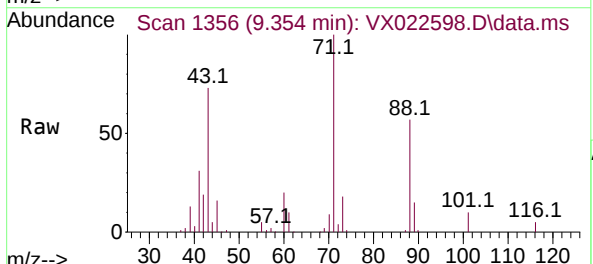
Instrument :
 MSVOA_X
 ClientSampled :

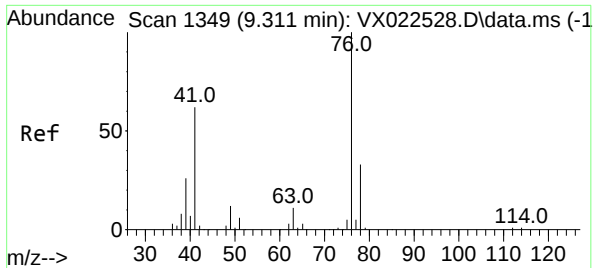
Tgt Ion: 75 Resp: 17904
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.7 38.5#
 39 32.6 35.1 52.7#



#56
 Ethyl methacrylate
 Concen: 2.952 ug/l
 RT: 9.354 min Scan# 1356
 Delta R.T. 0.232 min
 Lab File: VX022598.D
 Acq: 09 Jun 2021 05:27

Tgt Ion: 69 Resp: 429
 Ion Ratio Lower Upper
 69 100
 41 2082.5 46.8 70.2#
 39 1060.1 24.7 37.1#

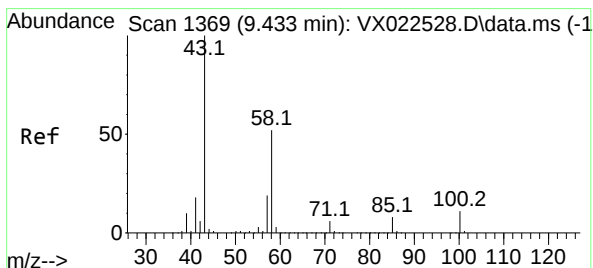
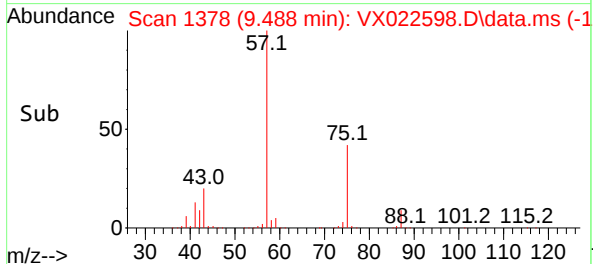
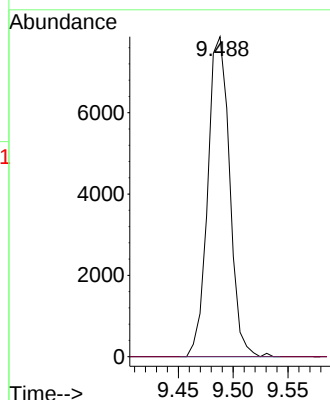
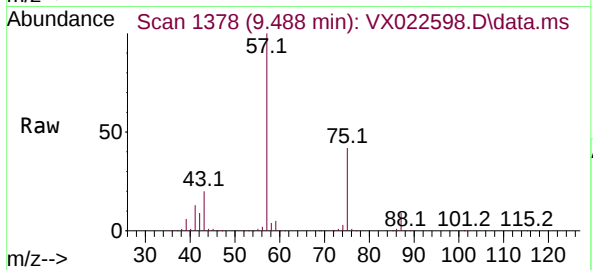




#57
1,3-Dichloropropane
Concen: 6.932 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

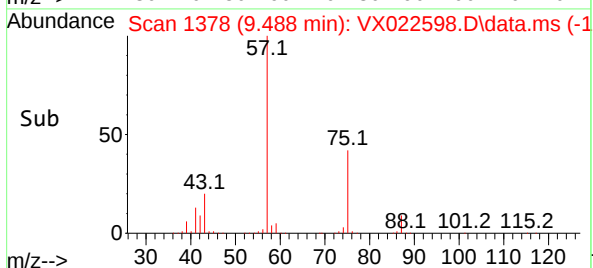
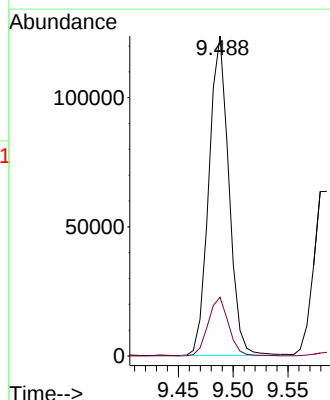
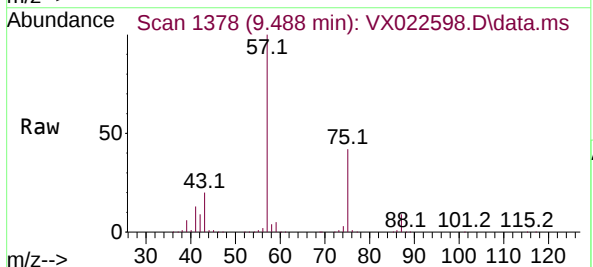
Instrument :
MSVOA_X
ClientSampled :

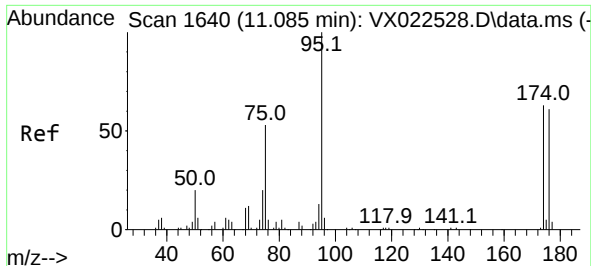
Tgt Ion: 76 Resp: 10886
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#



#59
2-Hexanone
Concen: 137.623 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

Tgt Ion: 43 Resp: 156758
Ion Ratio Lower Upper
43 100
58 18.9 30.9 92.8#

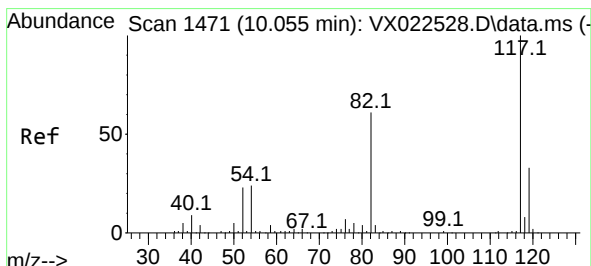
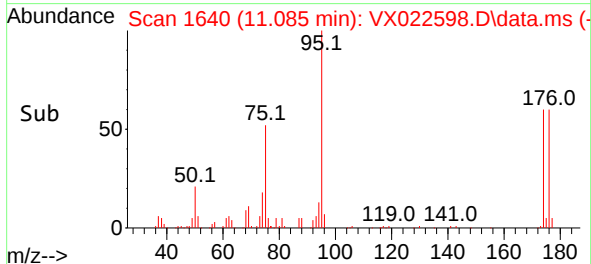
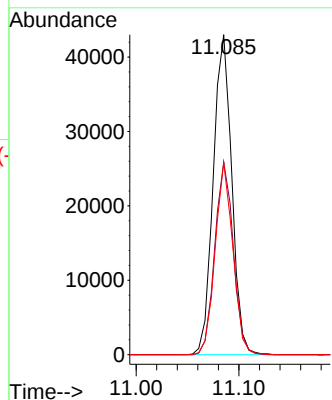
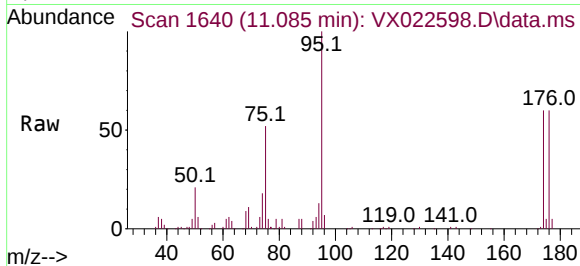




#62
4-Bromofluorobenzene
Concen: 48.625 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

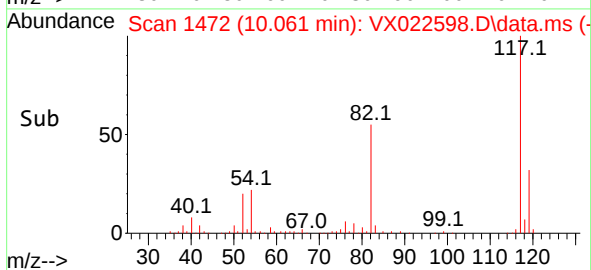
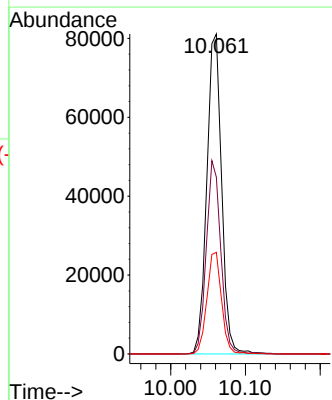
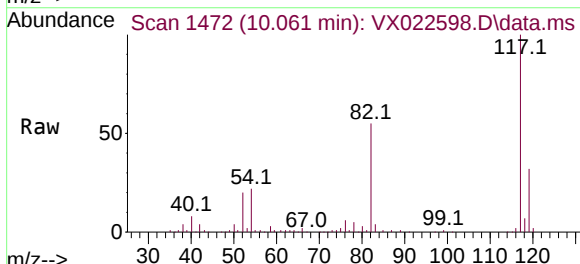
Instrument :
MSVOA_X
ClientSampled :

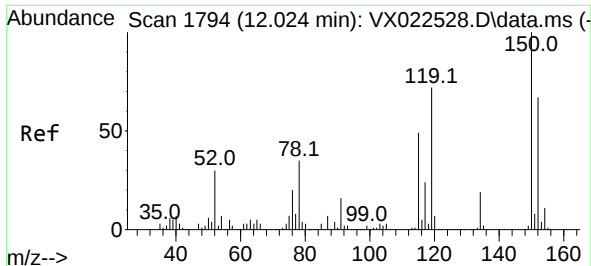
Tgt Ion: 95 Resp: 53650
Ion Ratio Lower Upper
95 100
174 60.1 0.0 154.6
176 57.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

Tgt Ion: 117 Resp: 111660
Ion Ratio Lower Upper
117 100
82 55.2 47.4 71.2
119 31.8 26.6 39.8

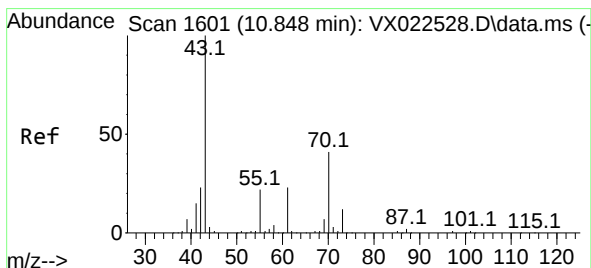
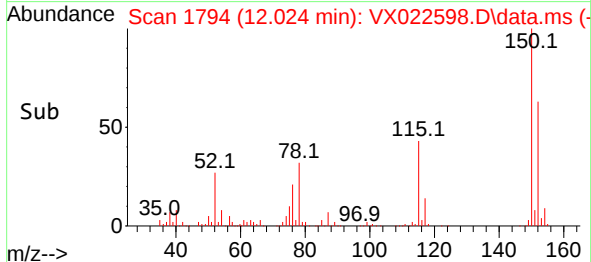
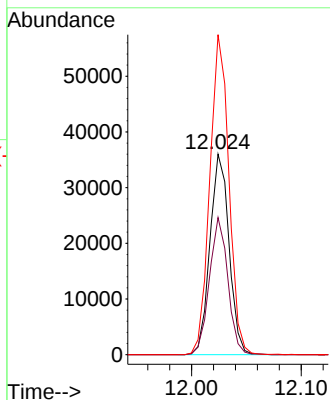
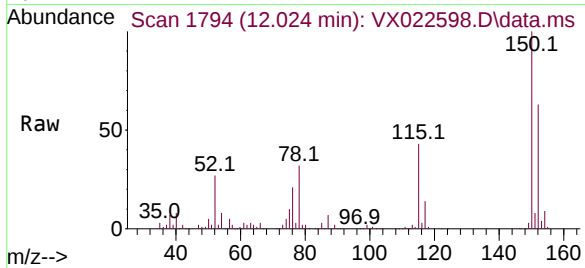




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

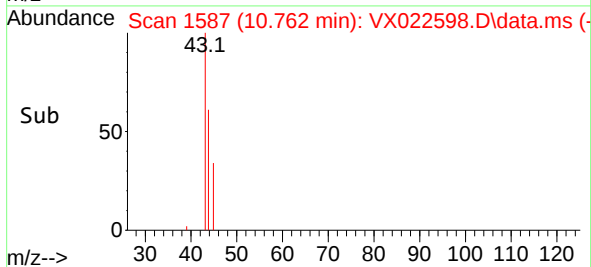
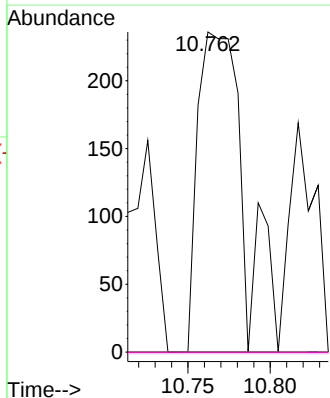
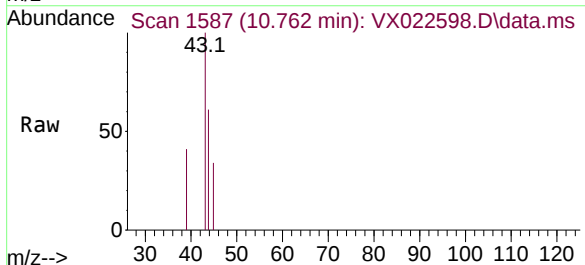
Instrument :
MSVOA_X
ClientSampled :

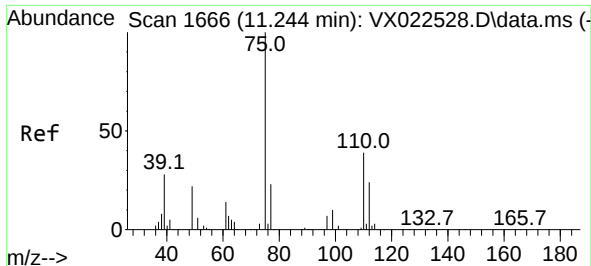
Tgt Ion:152 Resp: 43564
Ion Ratio Lower Upper
152 100
115 66.2 41.1 123.3
150 159.7 0.0 349.0



#74
N-ethyl acetate
Concen: 0.245 ug/l
RT: 10.762 min Scan# 1587
Delta R.T. -0.086 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

Tgt Ion: 43 Resp: 466
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

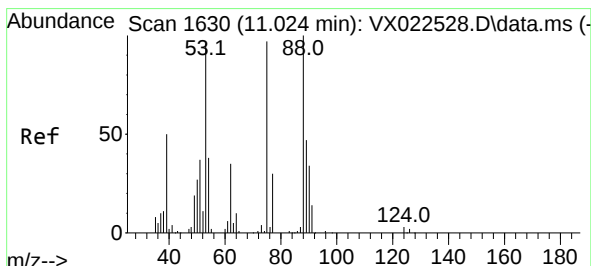
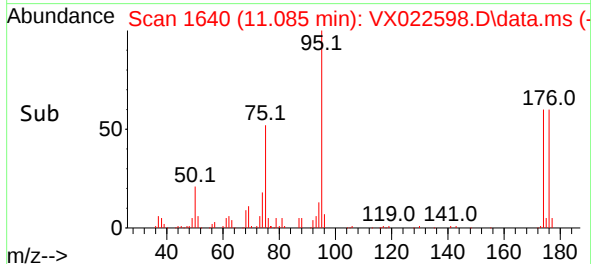
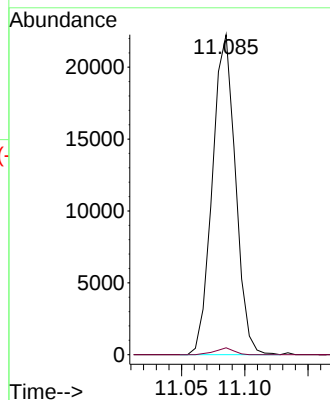
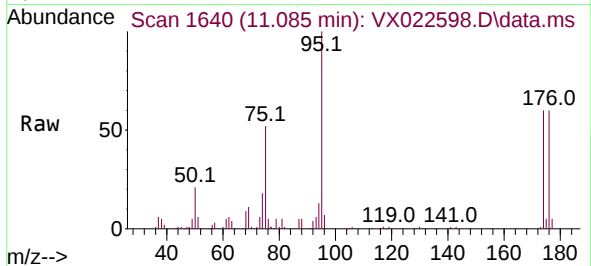




#76
1,2,3-Trichloropropane
Concen: 25.087 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 28313
Ion Ratio Lower Upper
75 100
77 1.7 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.062 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022598.D
Acq: 09 Jun 2021 05:27

Tgt Ion: 75 Resp: 28313
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

