

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022578.D
 Acq On : 08 Jun 2021 20:49
 Operator : JC/MD
 Sample : M2625-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 04:02:22 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)

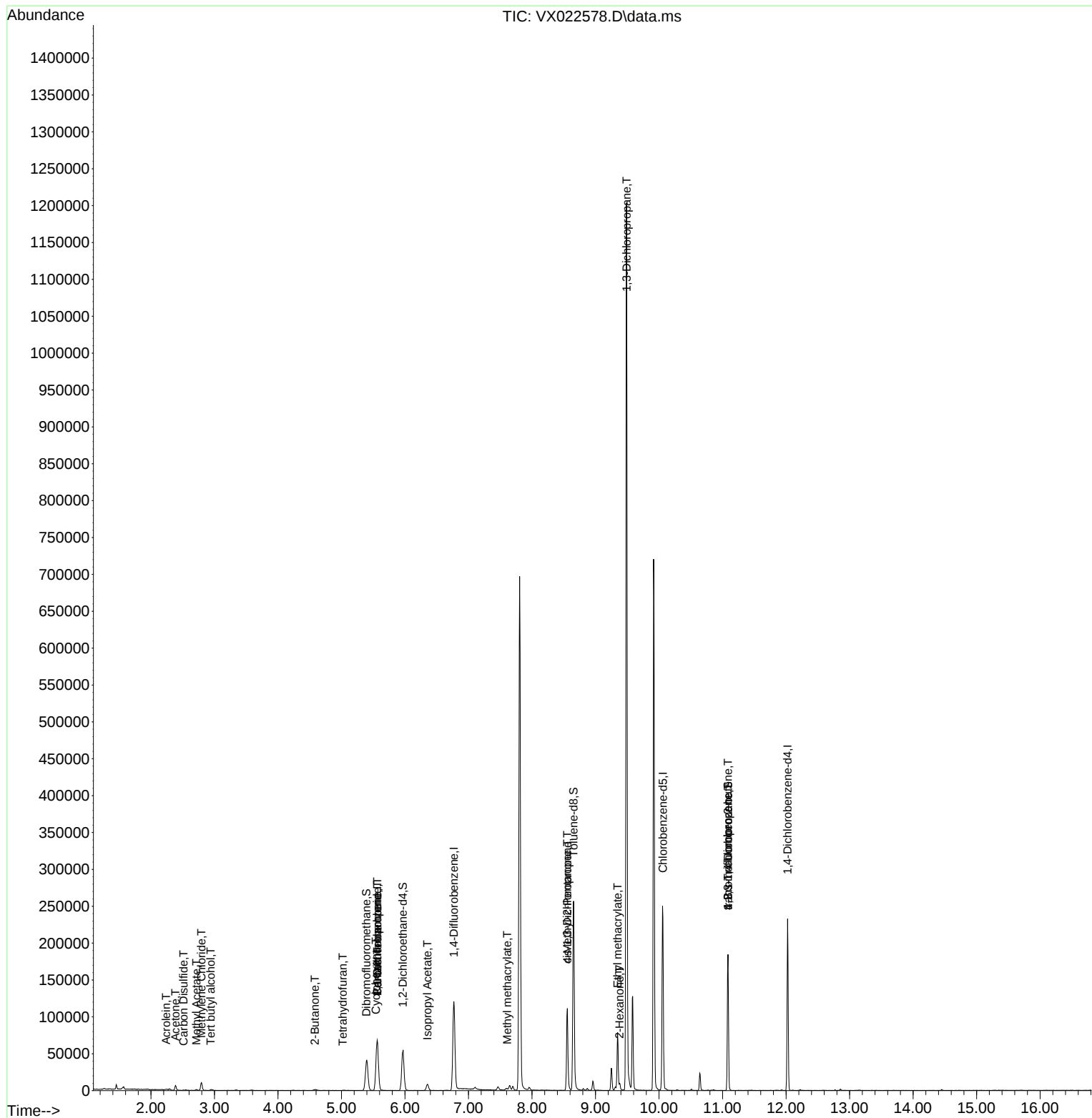
Internal Standards						
1) Pentafluorobenzene	5.562	168	56213	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	117221	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	106666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49245	49.278	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.560%
35) Dibromofluoromethane	5.391	113	35337	48.182	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.360%
50) Toluene-d8	8.653	98	145710	49.792	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.580%
62) 4-Bromofluorobenzene	11.085	95	50160	46.115	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.220%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.941	59	572	2.552	ug/l	# 73
13) Acrolein	2.239	56	266	5.576	ug/l	# 56
16) Acetone	2.386	43	6580	14.653	ug/l	97
17) Carbon Disulfide	2.514	76	527	3.659	ug/l	# 75
18) Methyl Acetate	2.715	43	1608	1.298	ug/l	# 89
20) Methylene Chloride	2.794	84	4762	5.079	ug/l	# 85
25) 2-Butanone	4.580	43	1548	2.086	ug/l	# 89
29) Tetrahydrofuran	5.019	42	219	0.503	ug/l	# 27
31) Cyclohexane	5.544	56	616	0.521	ug/l	# 45
36) 1,1-Dichloropropene	5.562	75	5652	4.984	ug/l	# 46
38) Carbon Tetrachloride	5.562	117	6572	8.064	ug/l	# 17
43) Isopropyl Acetate	6.355	43	11204	4.749	ug/l	# 89
48) Methyl methacrylate	7.610	41	3391	3.089	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	39135	26.625	ug/l	# 43
54) cis-1,3-Dichloropropene	8.555	75	16810	12.892	ug/l	# 63
56) Ethyl methacrylate	9.348	69	415	2.948	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	10318	6.665	ug/l	# 42
59) 2-Hexanone	9.378	43	4440	3.954	ug/l	# 19
76) 1,2,3-Trichloropropane	11.085	75	27488	25.847	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	27488	63.766	ug/l	# 12

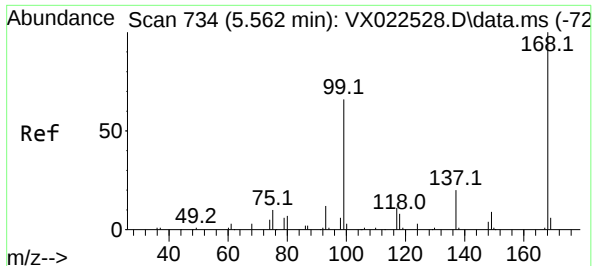
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 09 04:02:22 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

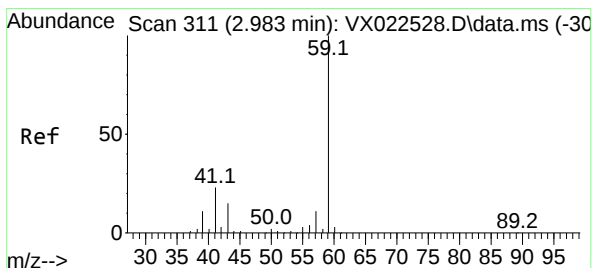
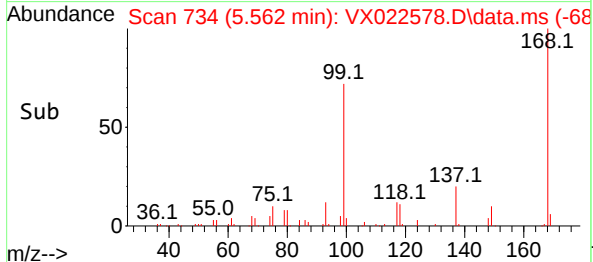
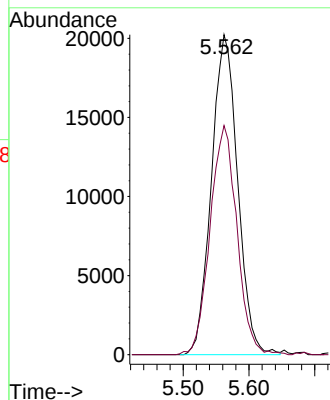
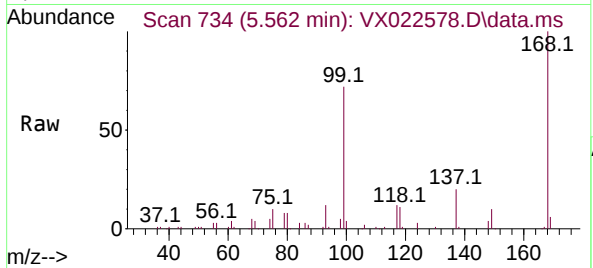




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022578.D
Acq: 08 Jun 2021 20:49

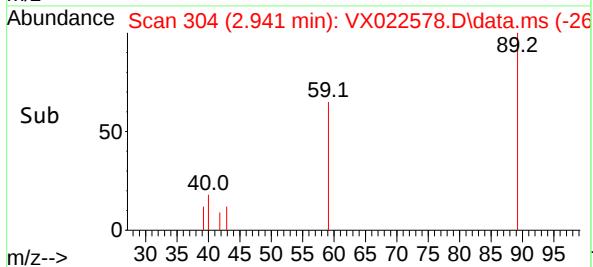
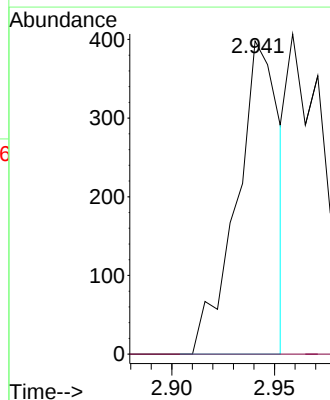
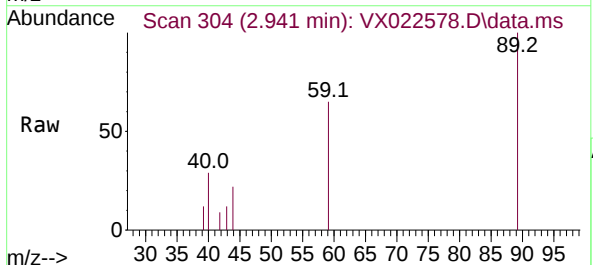
Instrument :
MSVOA_X
ClientSampled :

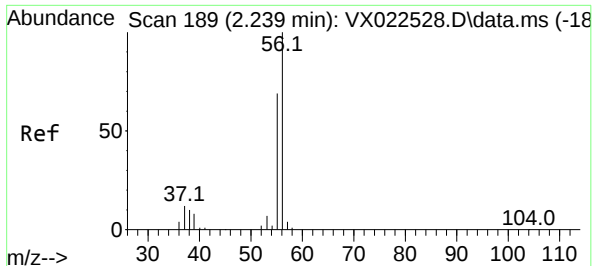
Tgt Ion:168 Resp: 56213
Ion Ratio Lower Upper
168 100
99 71.3 45.8 68.6#



#11
Tert butyl alcohol
Concen: 2.552 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX022578.D
Acq: 08 Jun 2021 20:49

Tgt Ion: 59 Resp: 572
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

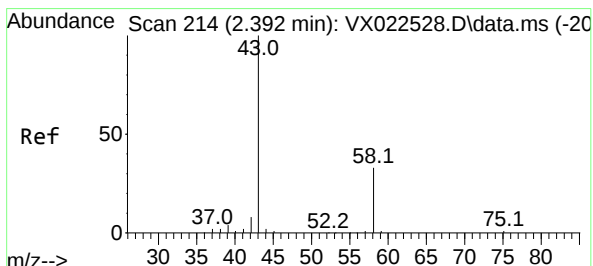
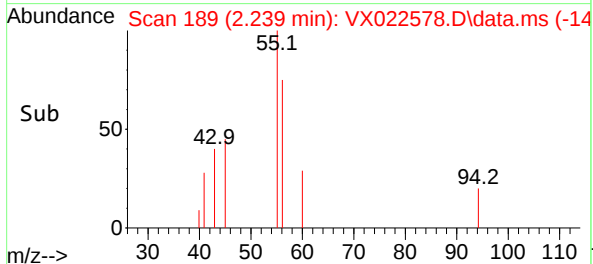
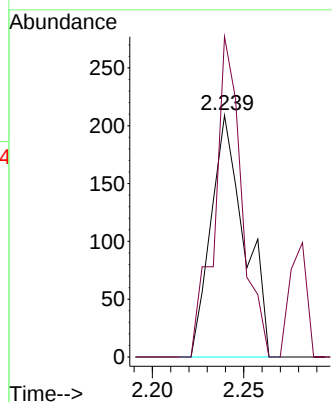
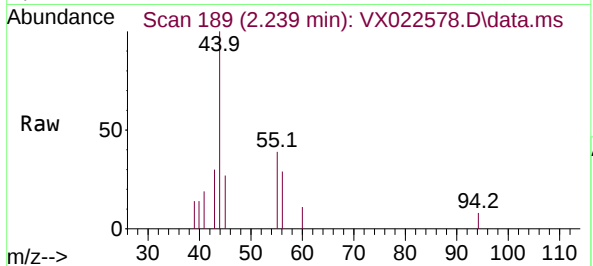




#13
Acrolein
Concen: 5.576 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX022578.D
Acq: 08 Jun 2021 20:49

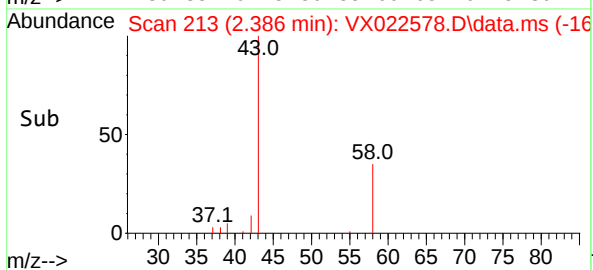
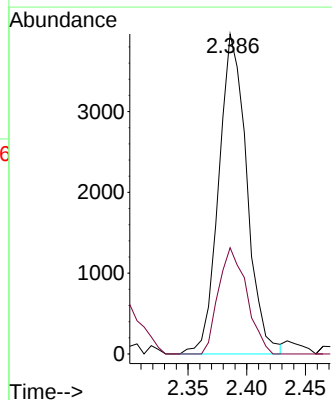
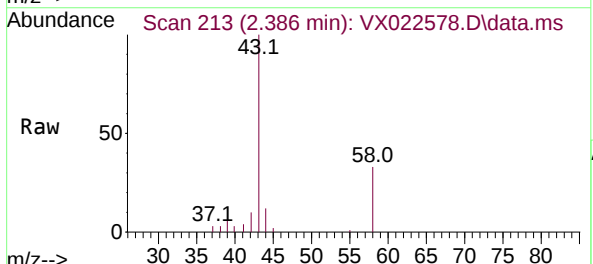
Instrument :
MSVOA_X
ClientSampled :

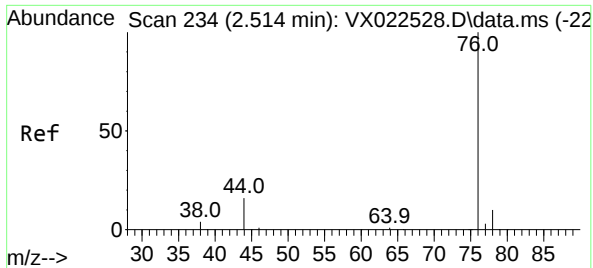
Tgt Ion: 56 Resp: 266
Ion Ratio Lower Upper
56 100
55 107.1 56.4 84.6#



#16
Acetone
Concen: 14.653 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022578.D
Acq: 08 Jun 2021 20:49

Tgt Ion: 43 Resp: 6580
Ion Ratio Lower Upper
43 100
58 33.2 27.8 41.8

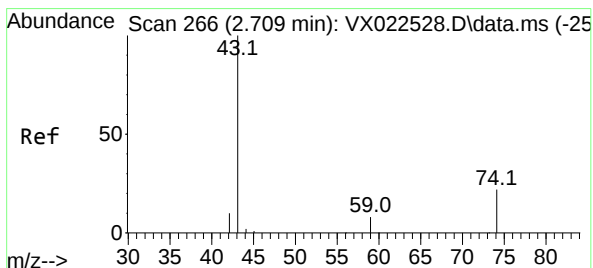
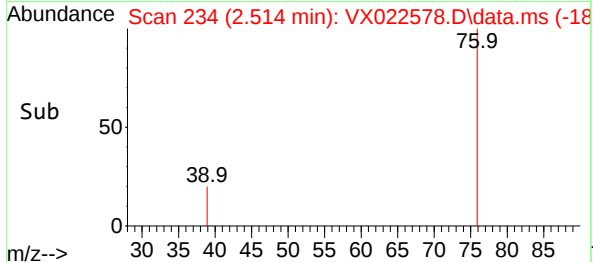
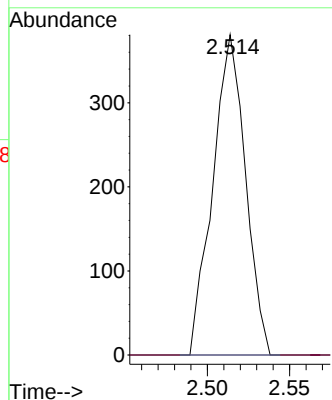
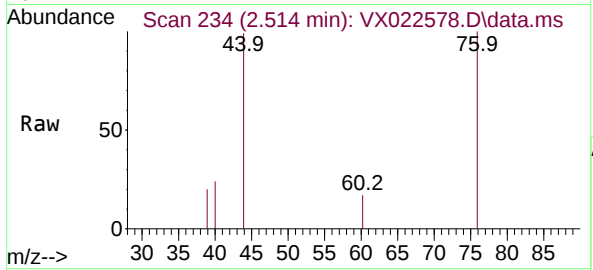




#17
Carbon Disulfide
Concen: 3.659 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022578.D
Acq: 08 Jun 2021 20:49

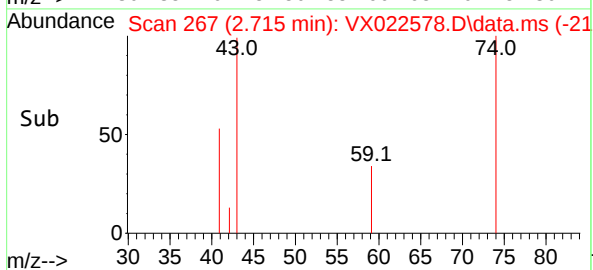
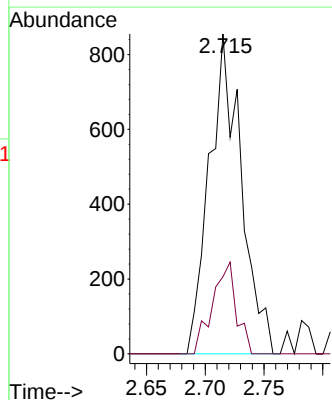
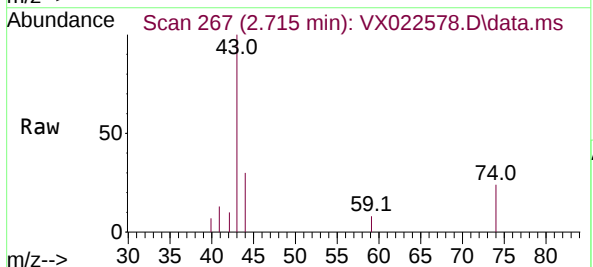
Instrument :
MSVOA_X
ClientSampled :

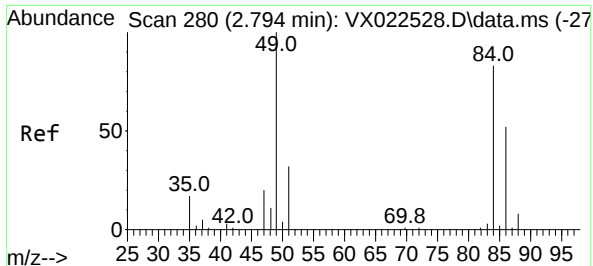
Tgt Ion: 76 Resp: 527
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.298 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022578.D
Acq: 08 Jun 2021 20:49

Tgt Ion: 43 Resp: 1608
Ion Ratio Lower Upper
43 100
74 21.5 21.9 32.9#





#20

Methylene Chloride

Concen: 5.079 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022578.D

Acq: 08 Jun 2021 20:49

Tgt Ion: 84 Resp: 4762

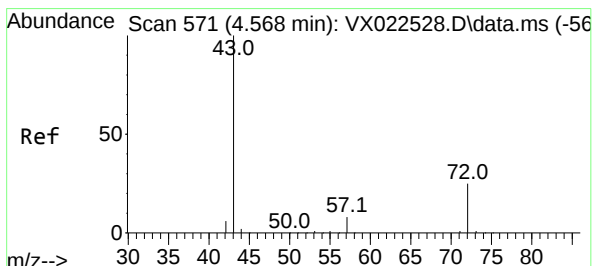
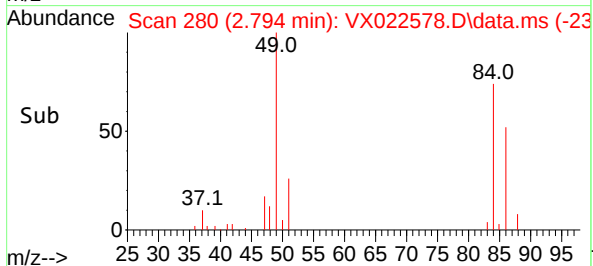
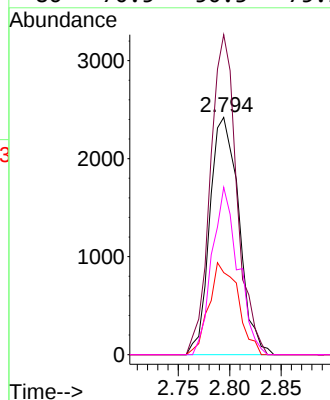
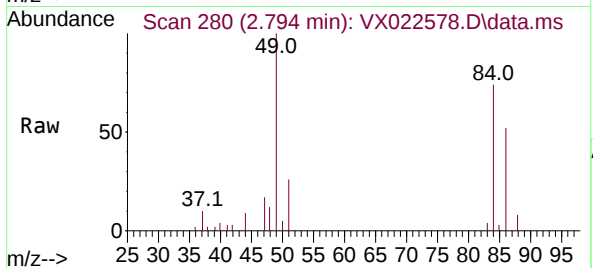
Ion Ratio Lower Upper

84 100

49 134.9 88.6 132.8#

51 34.6 27.0 40.6

86 70.5 50.3 75.5



#25

2-Butanone

Concen: 2.086 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX022578.D

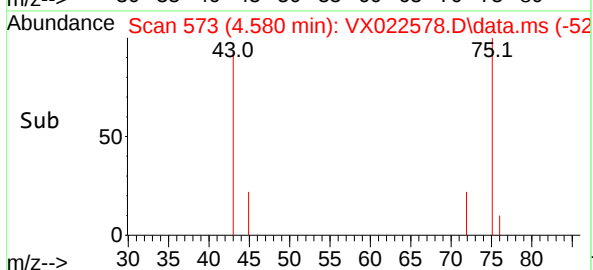
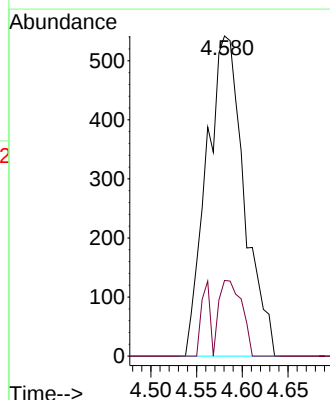
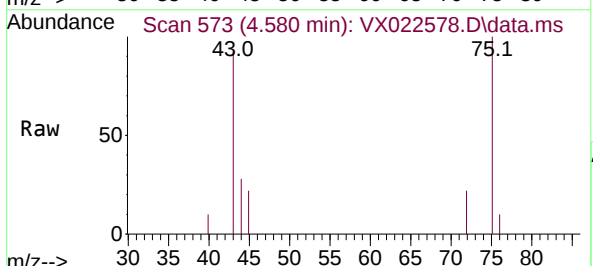
Acq: 08 Jun 2021 20:49

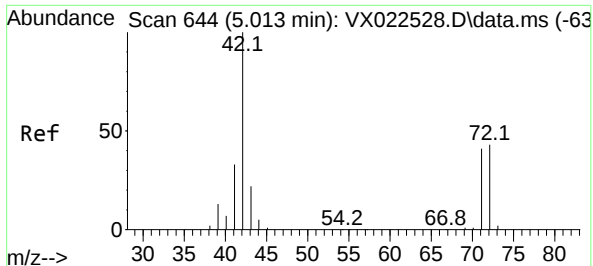
Tgt Ion: 43 Resp: 1548

Ion Ratio Lower Upper

43 100

72 23.6 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.503 ug/l

RT: 5.019 min Scan# 645

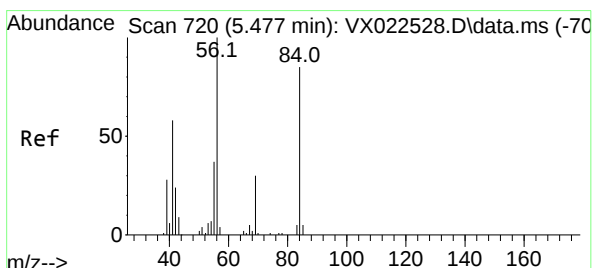
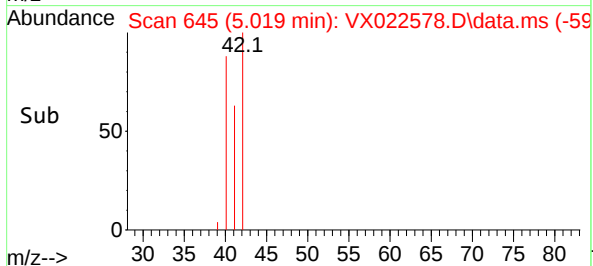
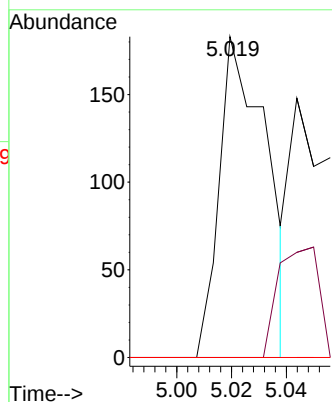
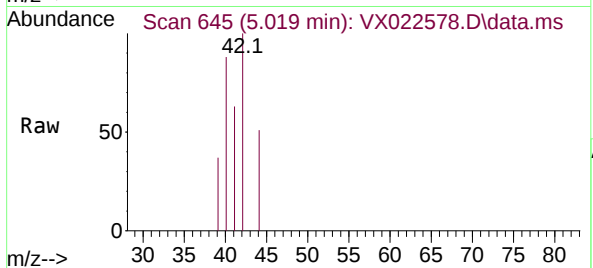
Delta R.T. 0.006 min

Lab File: VX022578.D

Acq: 08 Jun 2021 20:49

Tgt Ion:	42	Resp:	219
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 0.521 ug/l

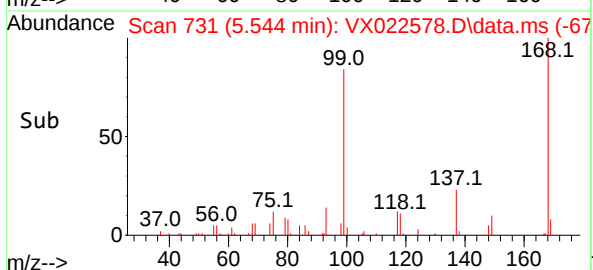
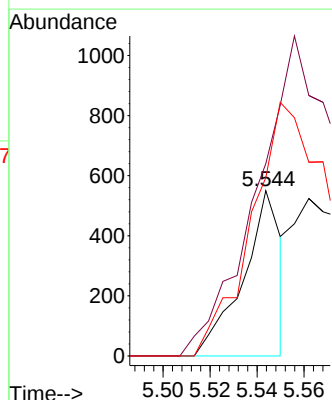
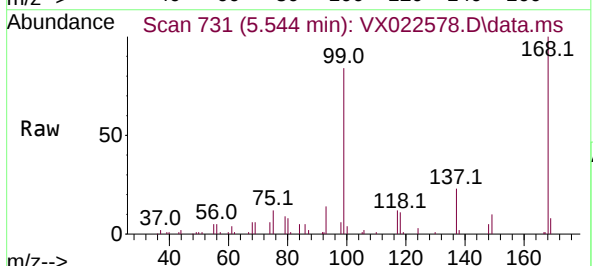
RT: 5.544 min Scan# 731

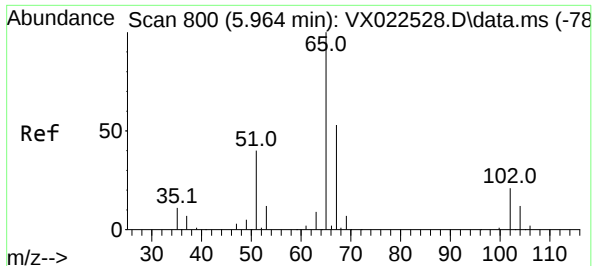
Delta R.T. 0.067 min

Lab File: VX022578.D

Acq: 08 Jun 2021 20:49

Tgt Ion:	56	Resp:	616
Ion	Ratio	Lower	Upper
56	100		
69	116.4	25.3	37.9#
84	107.8	71.4	107.0#



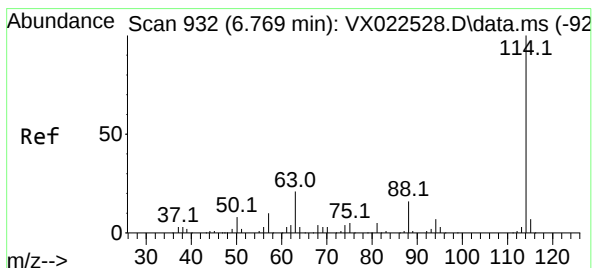
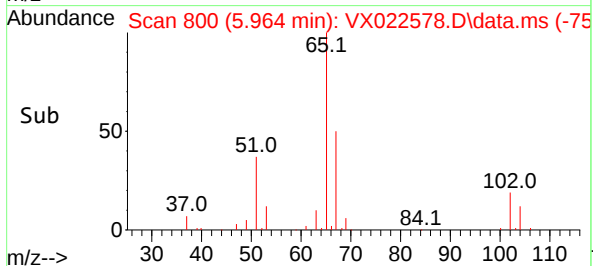
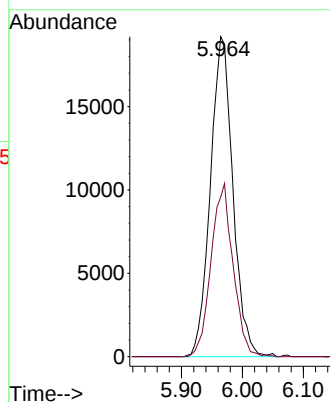
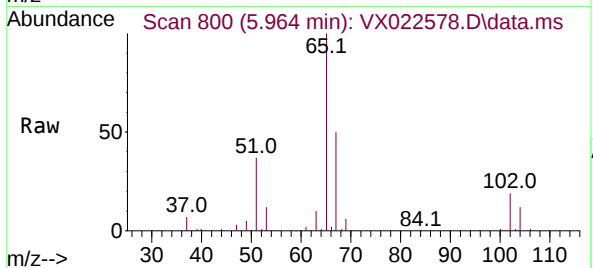


#33

1,2-Dichloroethane-d4
Concen: 49.278 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022578.D
Acq: 08 Jun 2021 20:49

Instrument :
MSVOA_X
ClientSampled :

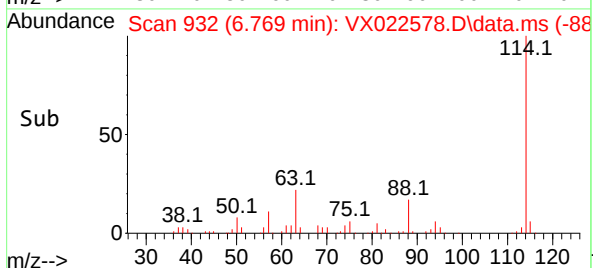
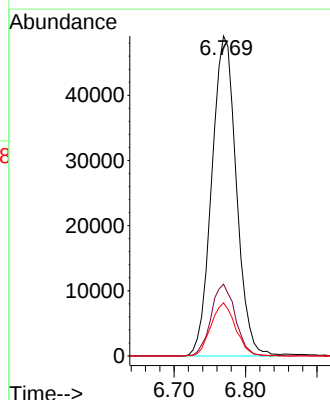
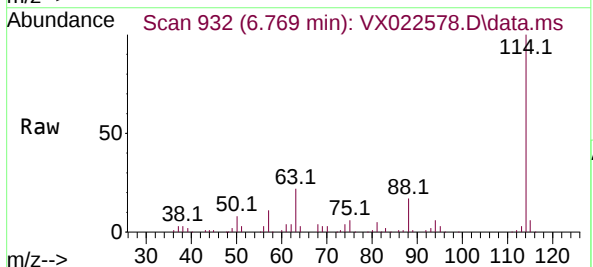
Tgt Ion: 65 Resp: 49245
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

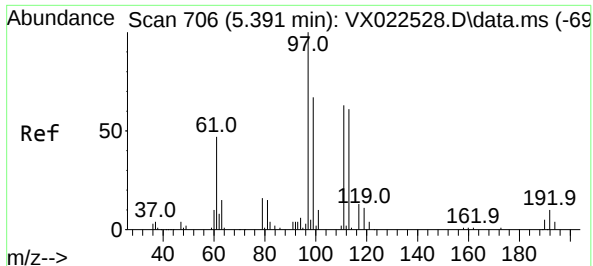


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022578.D
Acq: 08 Jun 2021 20:49

Tgt Ion: 114 Resp: 117221
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.182 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX022578.D

Acq: 08 Jun 2021 20:49

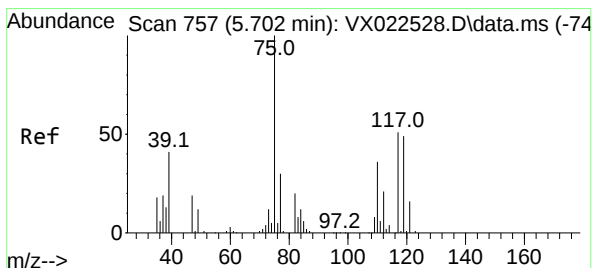
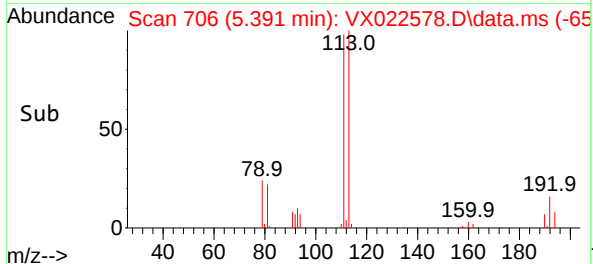
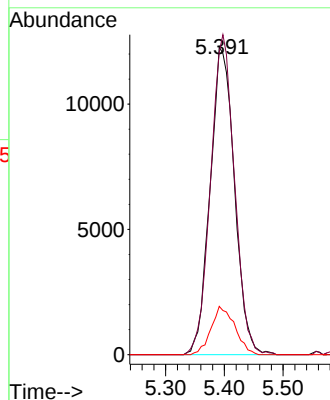
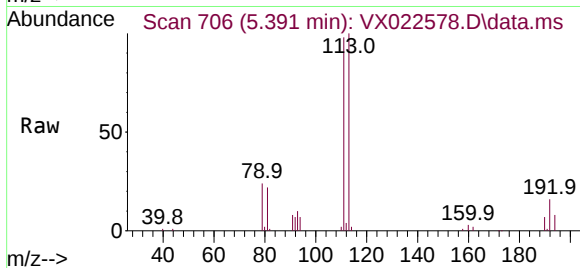
Tgt Ion:113 Resp: 35337

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

192 15.4 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.984 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022578.D

Acq: 08 Jun 2021 20:49

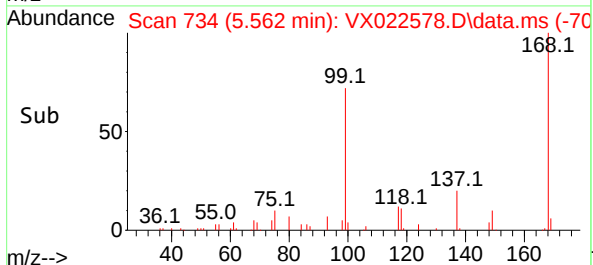
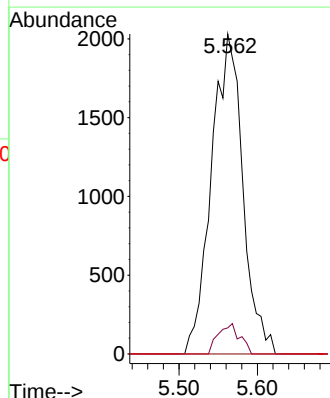
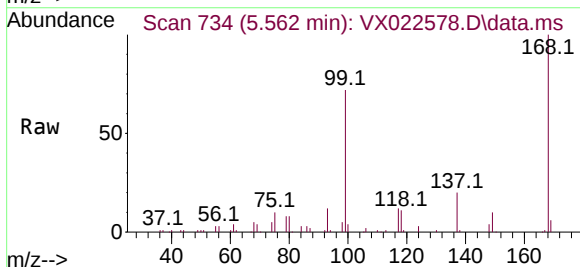
Tgt Ion: 75 Resp: 5652

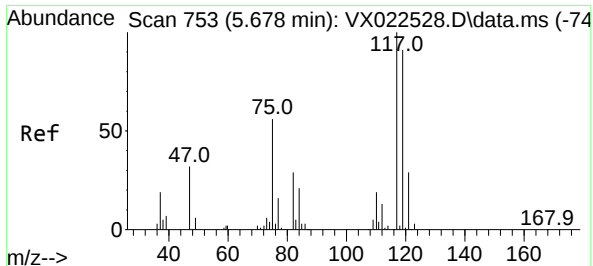
Ion Ratio Lower Upper

75 100

110 6.5 18.1 54.4#

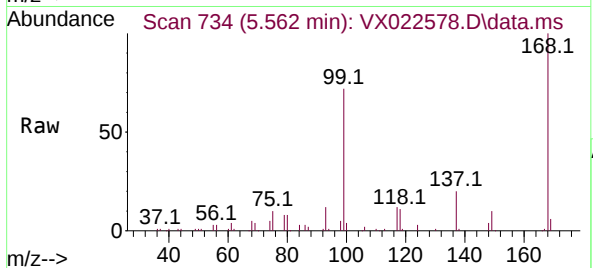
77 0.0 25.3 37.9#



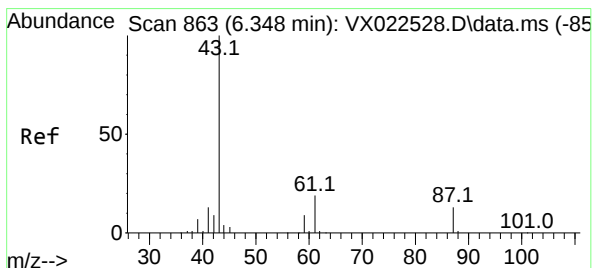
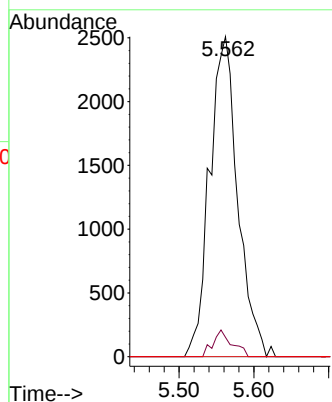
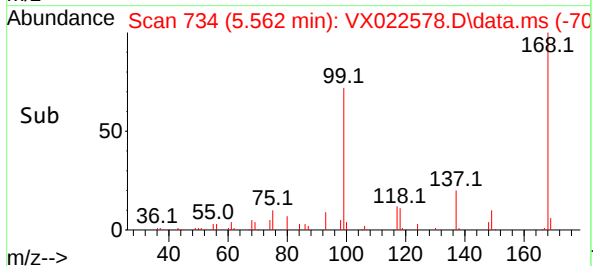


#38
Carbon Tetrachloride
Concen: 8.064 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022578.D
Acq: 08 Jun 2021 20:49

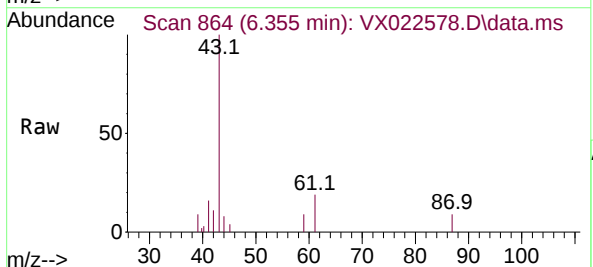
Instrument :
MSVOA_X
ClientSampled :



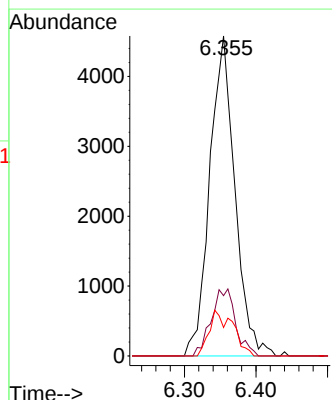
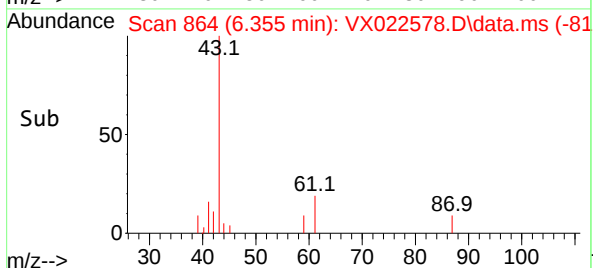
Tgt Ion:117 Resp: 6572
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#

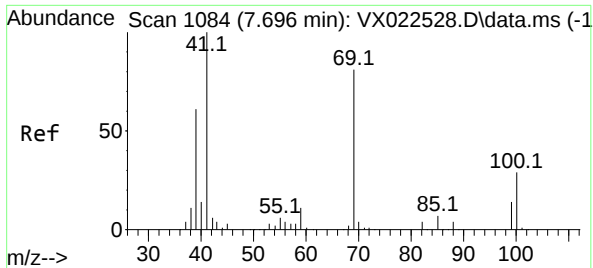


#43
Isopropyl Acetate
Concen: 4.749 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.007 min
Lab File: VX022578.D
Acq: 08 Jun 2021 20:49



Tgt Ion: 43 Resp: 11204
Ion Ratio Lower Upper
43 100
61 20.4 18.2 27.4
87 7.8 12.5 18.7#

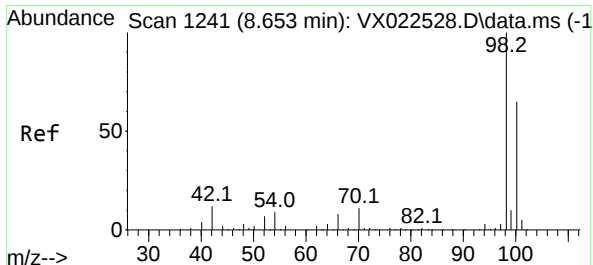
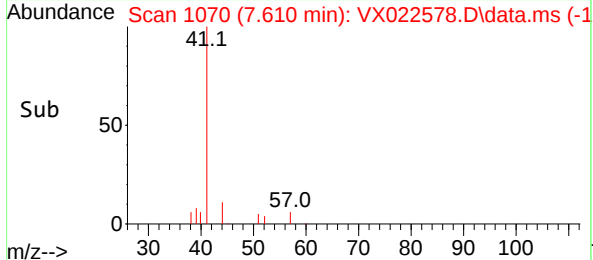
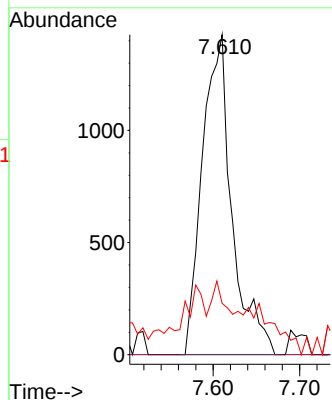
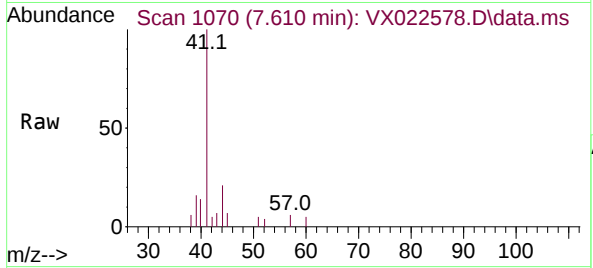




#48
Methyl methacrylate
Concen: 3.089 ug/l
RT: 7.610 min Scan# 1070
Delta R.T. -0.086 min
Lab File: VX022578.D
Acq: 08 Jun 2021 20:49

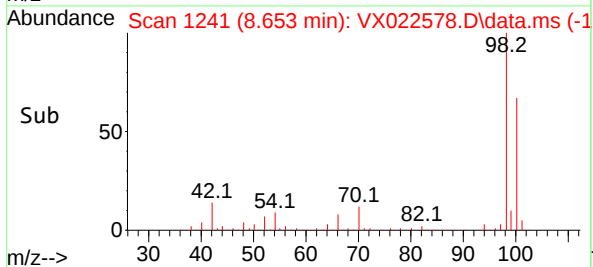
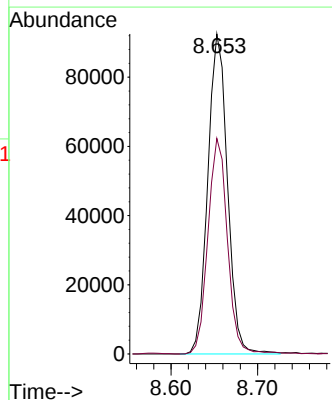
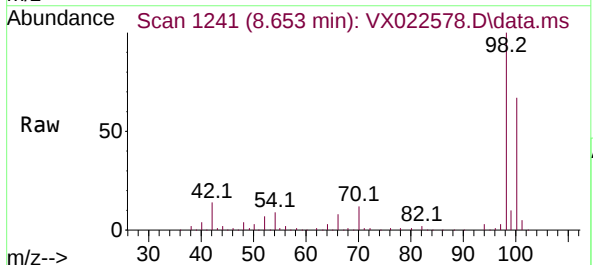
Instrument :
MSVOA_X
ClientSampled :

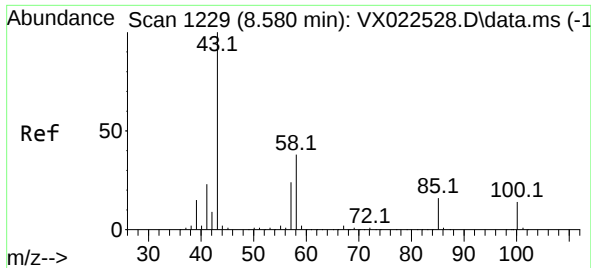
Tgt Ion: 41 Resp: 3391
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#50
Toluene-d8
Concen: 49.792 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022578.D
Acq: 08 Jun 2021 20:49

Tgt Ion: 98 Resp: 145710
Ion Ratio Lower Upper
98 100
100 67.2 51.9 77.9

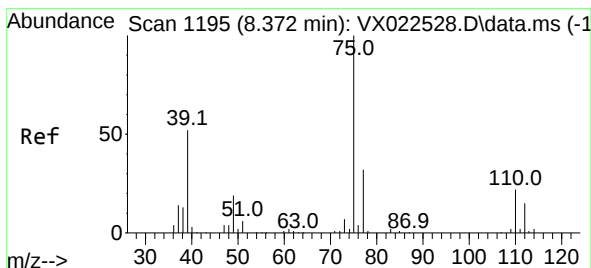
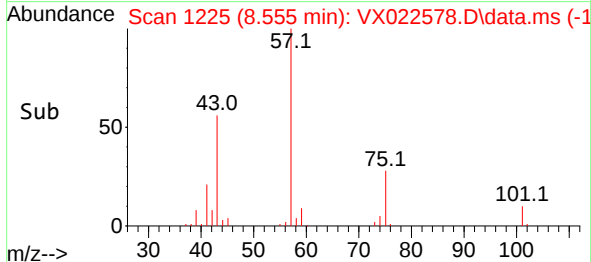
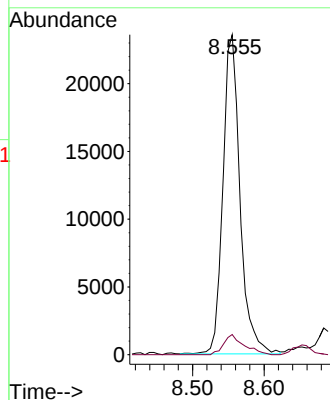
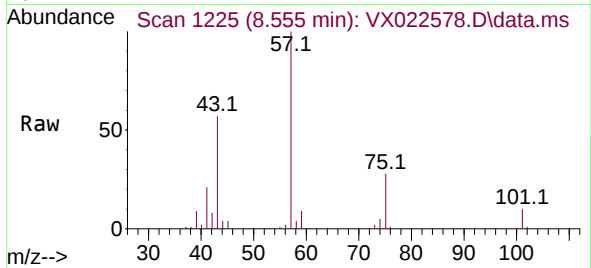




#51
4-Methyl-2-Pentanone
Concen: 26.625 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022578.D
Acq: 08 Jun 2021 20:49

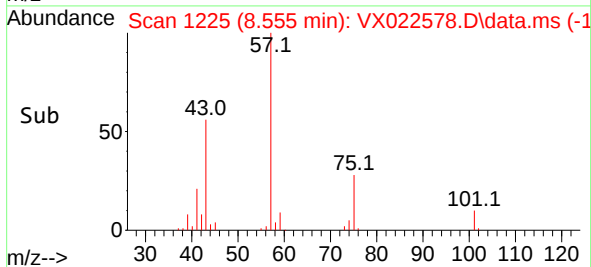
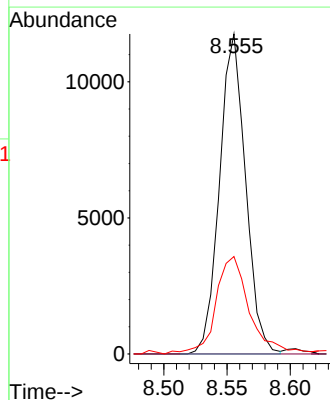
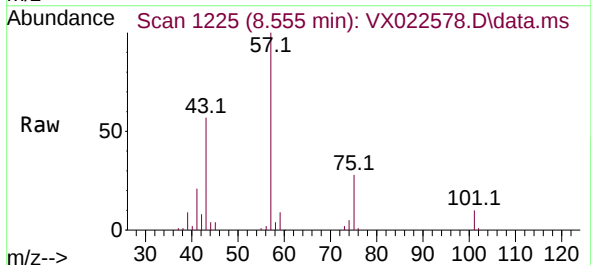
Instrument :
MSVOA_X
ClientSampled :

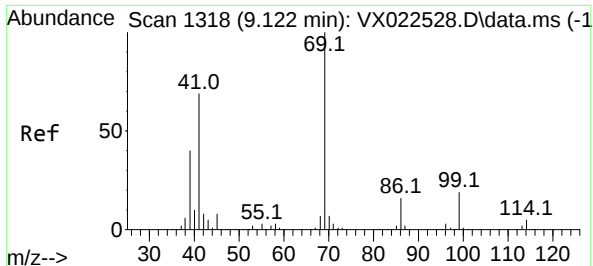
Tgt Ion: 43 Resp: 39135
Ion Ratio Lower Upper
43 100
58 7.5 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 12.892 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022578.D
Acq: 08 Jun 2021 20:49

Tgt Ion: 75 Resp: 16810
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 29.7 35.1 52.7#





#56

Ethyl methacrylate

Concen: 2.948 ug/l

RT: 9.348 min Scan# 1355

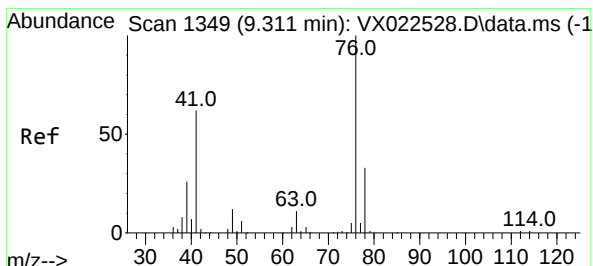
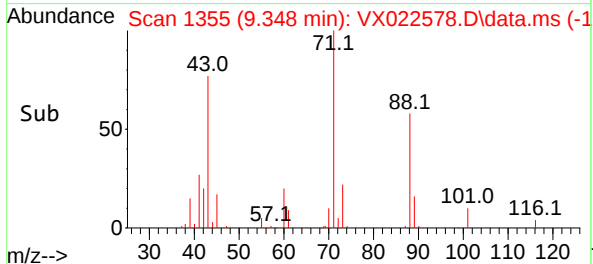
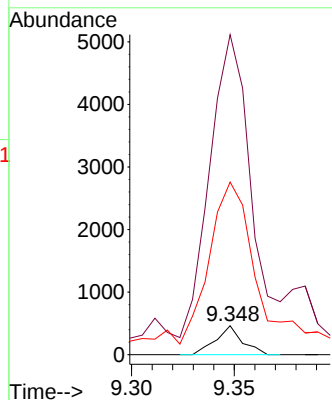
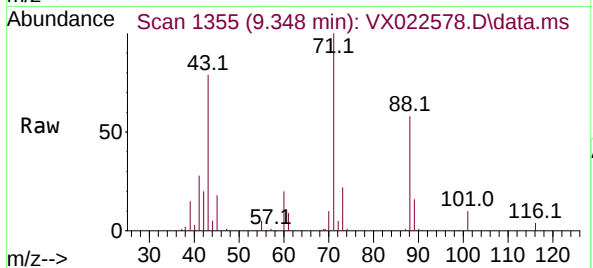
Delta R.T. 0.226 min

Lab File: VX022578.D

Acq: 08 Jun 2021 20:49

Tgt Ion:	69	Resp:	415
Ion	Ratio	Lower	Upper
69	100		
41	1599.0	46.8	70.2#
39	1123.9	24.7	37.1#

Instrument :
MSVOA_X
ClientSampled :



#57

1,3-Dichloropropane

Concen: 6.665 ug/l

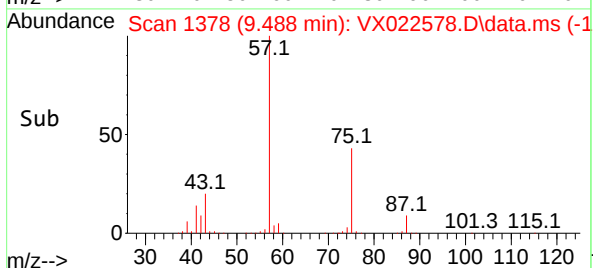
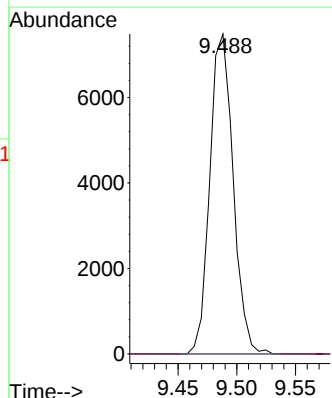
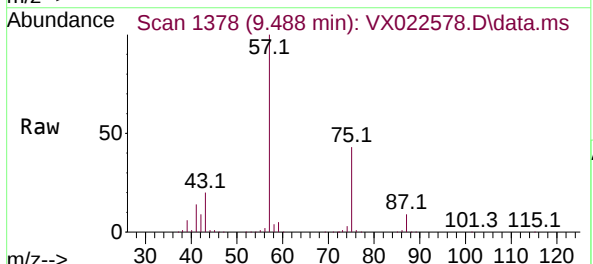
RT: 9.488 min Scan# 1378

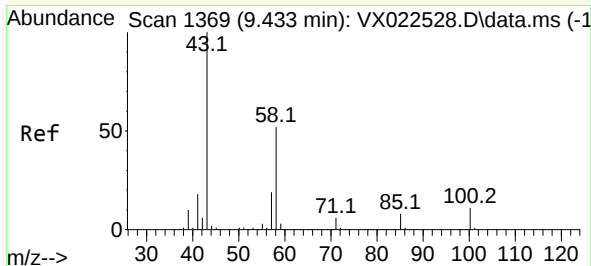
Delta R.T. 0.177 min

Lab File: VX022578.D

Acq: 08 Jun 2021 20:49

Tgt Ion:	76	Resp:	10318
Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.2#

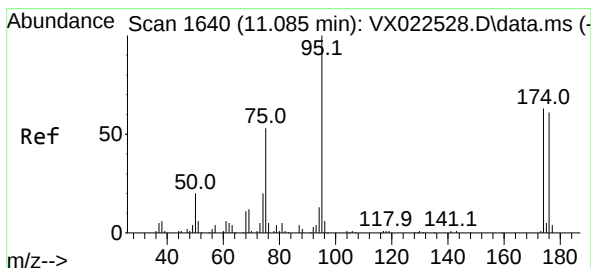
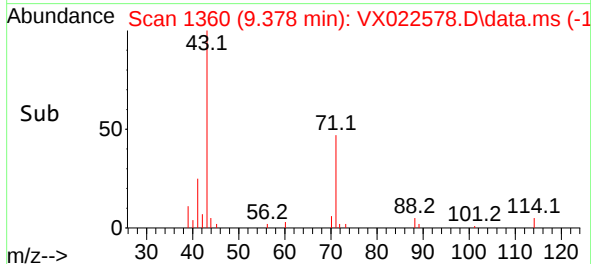
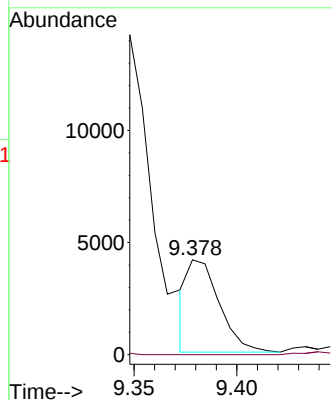
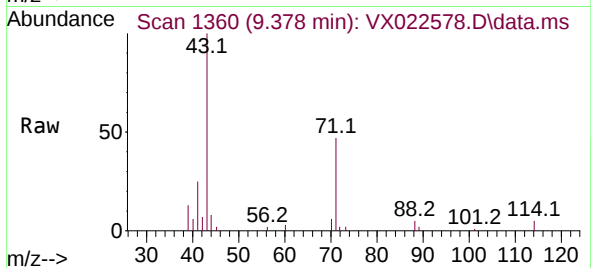




#59
2-Hexanone
Concen: 3.954 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022578.D
Acq: 08 Jun 2021 20:49

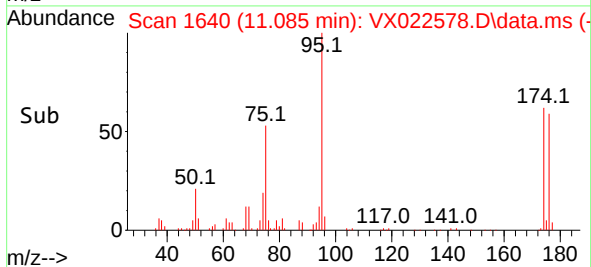
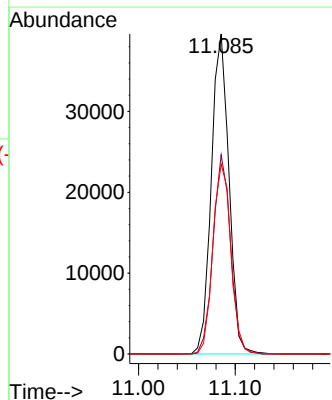
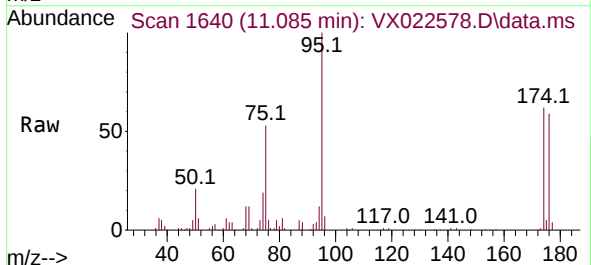
Instrument :
MSVOA_X
ClientSampled :

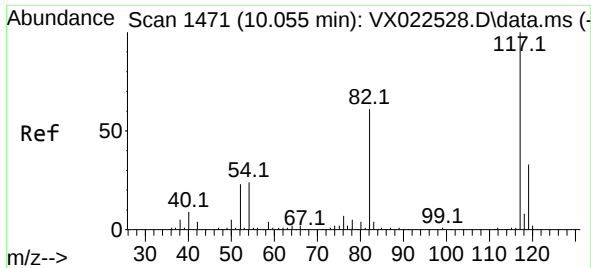
Tgt Ion: 43 Resp: 4440
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.115 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022578.D
Acq: 08 Jun 2021 20:49

Tgt Ion: 95 Resp: 50160
Ion Ratio Lower Upper
95 100
174 61.5 0.0 154.6
176 60.5 0.0 155.8

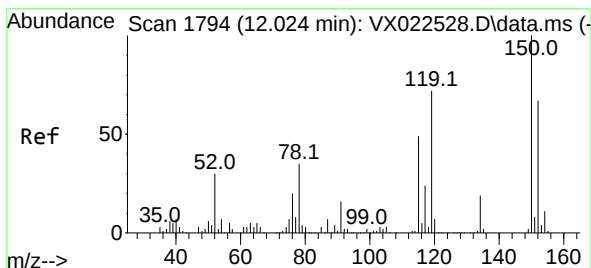
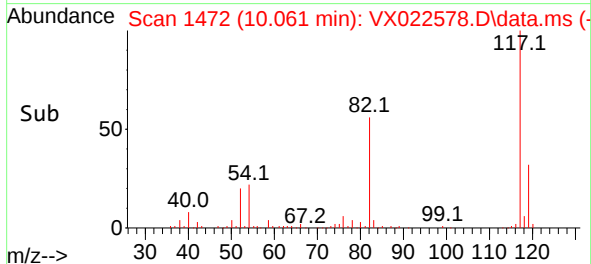
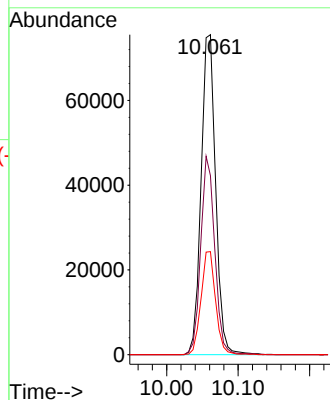
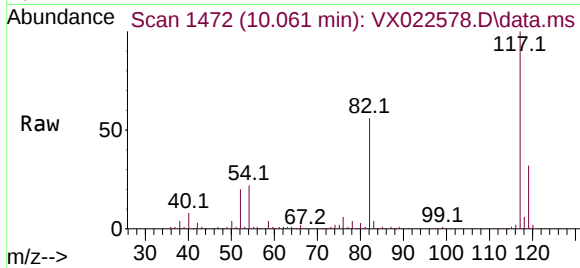




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022578.D
Acq: 08 Jun 2021 20:49

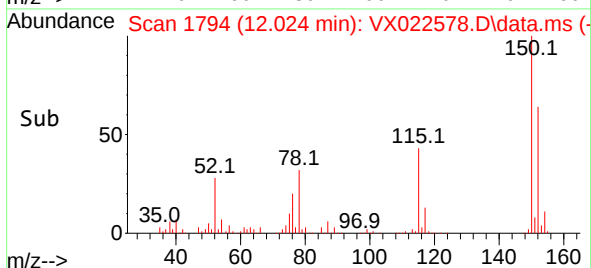
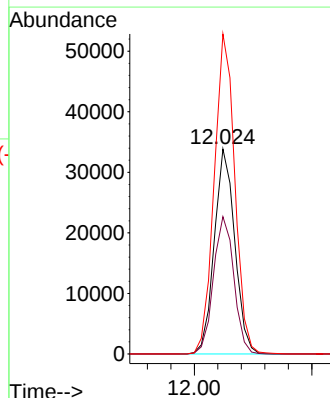
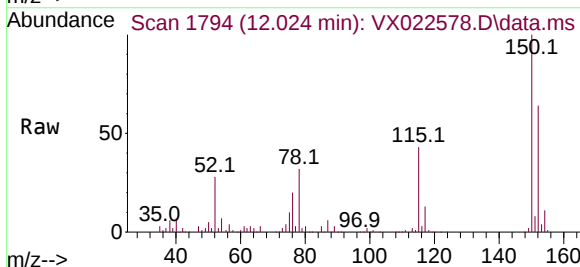
Instrument :
MSVOA_X
ClientSampled :

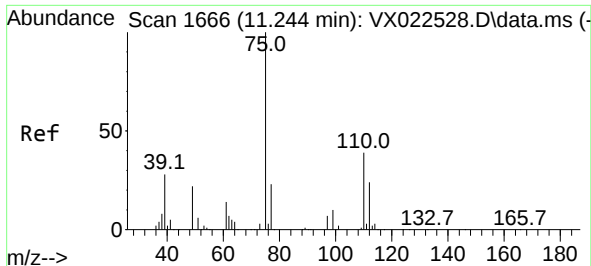
Tgt Ion:117 Resp: 106666
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022578.D
Acq: 08 Jun 2021 20:49

Tgt Ion:152 Resp: 41051
Ion Ratio Lower Upper
152 100
115 66.7 41.1 123.3
150 156.7 0.0 349.0

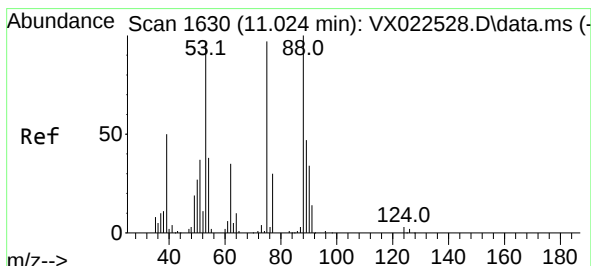
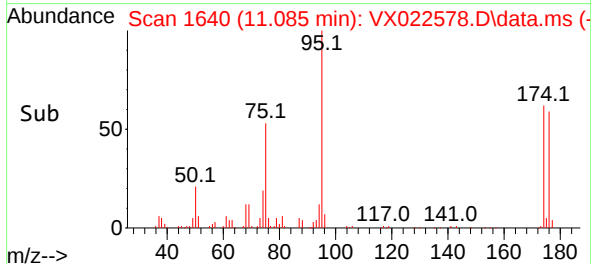
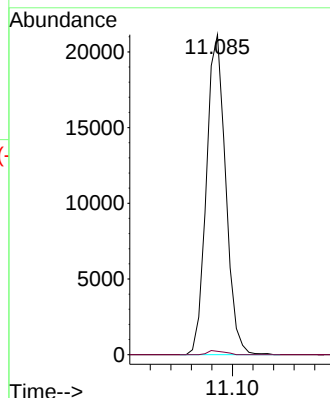
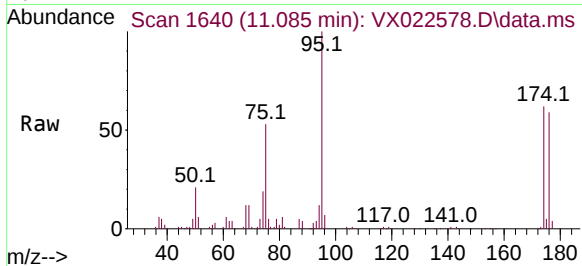




#76
1,2,3-Trichloropropane
Concen: 25.847 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022578.D
Acq: 08 Jun 2021 20:49

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 27488
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.766 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022578.D
Acq: 08 Jun 2021 20:49

Tgt Ion: 75 Resp: 27488
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

