

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022575.D
 Acq On : 08 Jun 2021 19:39
 Operator : JC/MD
 Sample : M2625-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

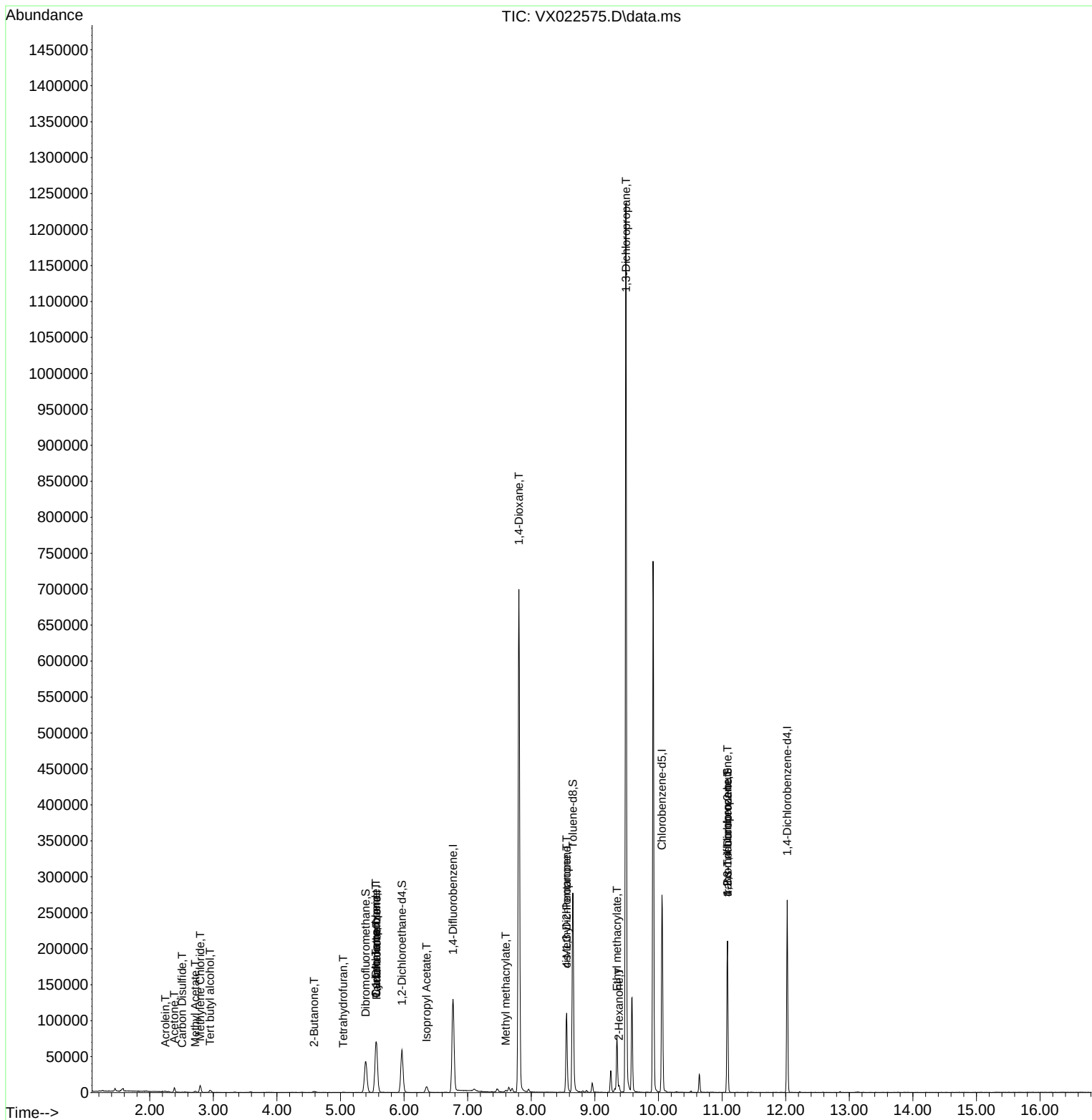
Quant Time: Jun 09 04:01:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

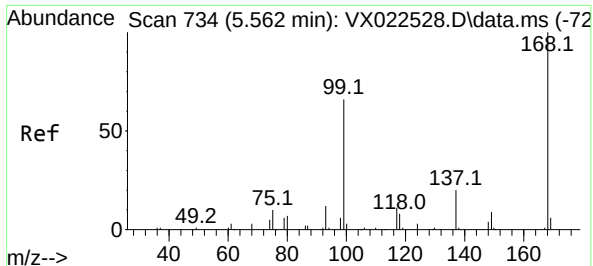
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.568	168	60987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	123464	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52589	48.505	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.020%
35) Dibromofluoromethane	5.397	113	37482	48.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.040%
50) Toluene-d8	8.653	98	160676	52.130	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.260%
62) 4-Bromofluorobenzene	11.085	95	56799	49.578	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.160%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1643	6.756	ug/l #	73
13) Acrolein	2.246	56	180	4.652	ug/l #	54
16) Acetone	2.386	43	6083	12.486	ug/l	93
17) Carbon Disulfide	2.508	76	154	3.458	ug/l #	75
18) Methyl Acetate	2.715	43	2188	1.629	ug/l #	80
20) Methylene Chloride	2.794	84	4025	3.957	ug/l #	91
25) 2-Butanone	4.587	43	1316	1.634	ug/l	92
29) Tetrahydrofuran	5.044	42	395	0.836	ug/l #	27
31) Cyclohexane	5.562	56	1848	1.441	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6333	5.302	ug/l #	43
38) Carbon Tetrachloride	5.556	117	7057	8.179	ug/l #	15
43) Isopropyl Acetate	6.355	43	11340	4.563	ug/l #	91
48) Methyl methacrylate	7.598	41	3303	2.856	ug/l #	10
49) 1,4-Dioxane	7.806	88	78	3.335	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	38953	25.161	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	17342	12.681	ug/l #	65
56) Ethyl methacrylate	9.348	69	354	2.901	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	10170	6.237	ug/l #	42
59) 2-Hexanone	9.378	43	4439	3.753	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	30292	25.388	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	30292	62.736	ug/l #	12

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

Quant Time: Jun 09 04:01:57 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

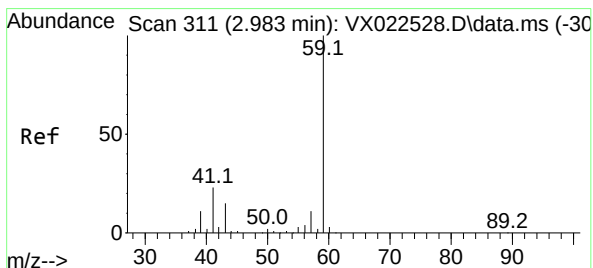
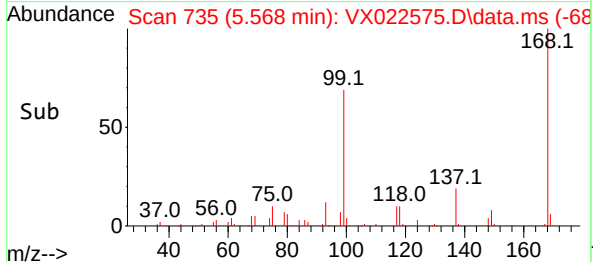
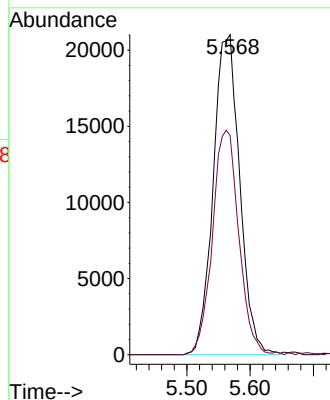
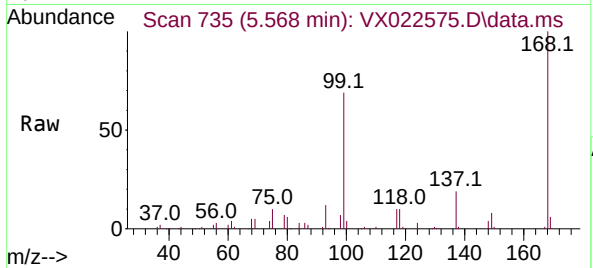




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022575.D
Acq: 08 Jun 2021 19:39

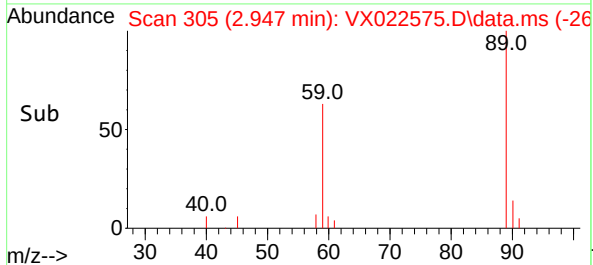
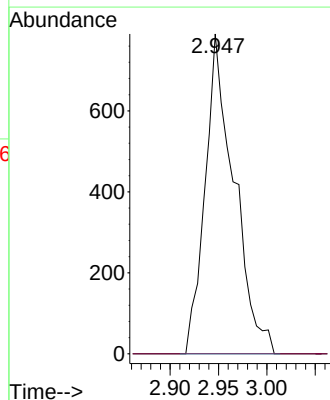
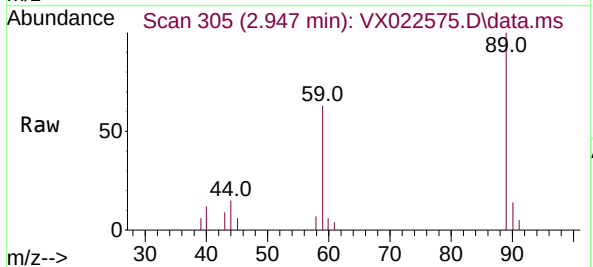
Instrument :
MSVOA_X
ClientSampled :

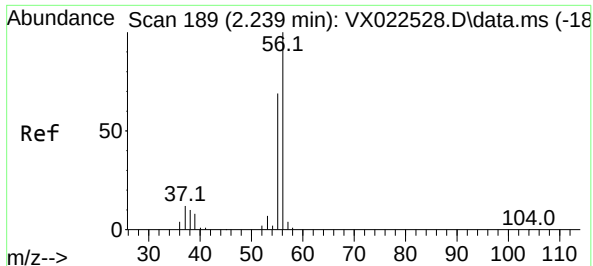
Tgt Ion:168 Resp: 60987
Ion Ratio Lower Upper
168 100
99 68.6 45.8 68.6



#11
Tert butyl alcohol
Concen: 6.756 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX022575.D
Acq: 08 Jun 2021 19:39

Tgt Ion: 59 Resp: 1643
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

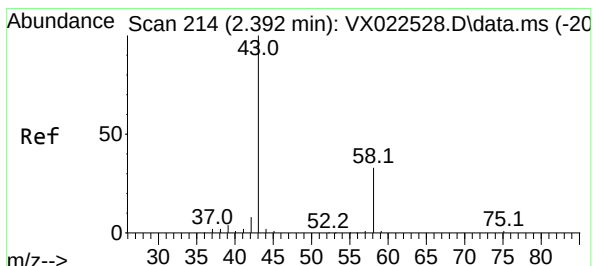
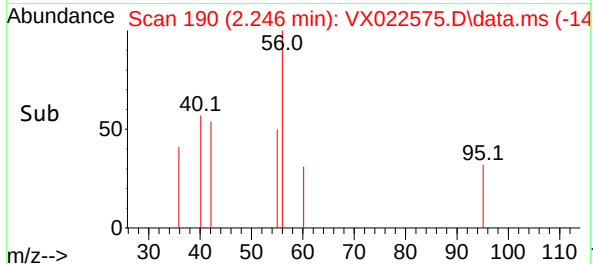
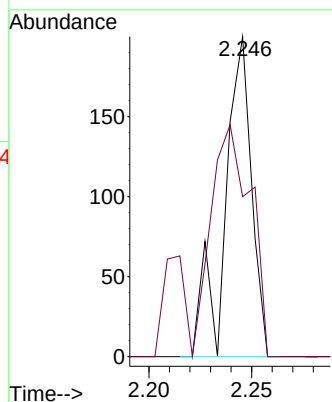
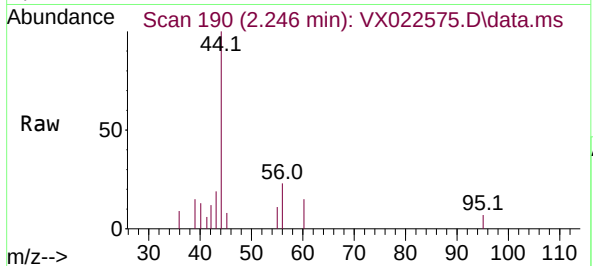




#13
Acrolein
Concen: 4.652 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX022575.D
Acq: 08 Jun 2021 19:39

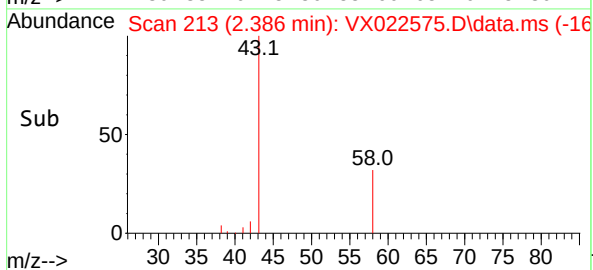
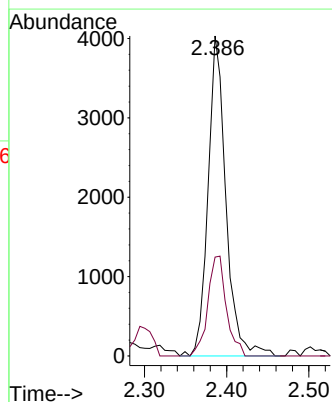
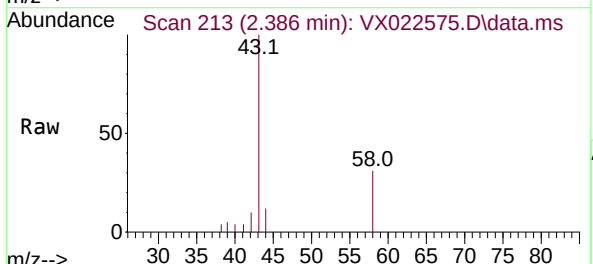
Instrument :
MSVOA_X
ClientSampleId :

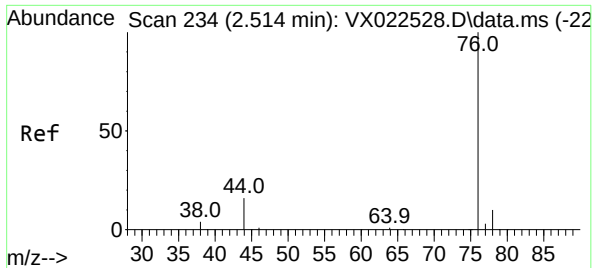
Tgt Ion: 56 Resp: 180
Ion Ratio Lower Upper
56 100
55 108.3 56.4 84.6#



#16
Acetone
Concen: 12.486 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022575.D
Acq: 08 Jun 2021 19:39

Tgt Ion: 43 Resp: 6083
Ion Ratio Lower Upper
43 100
58 30.9 27.8 41.8

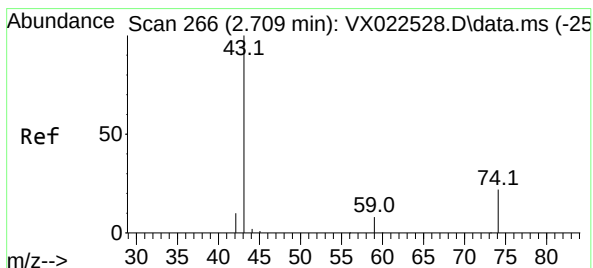
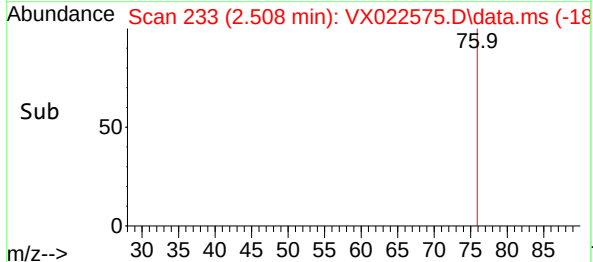
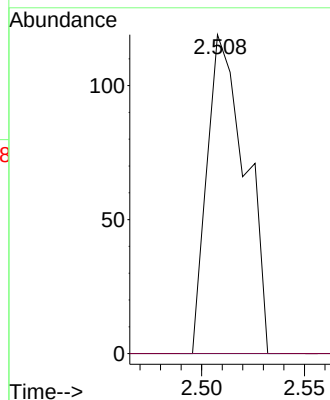
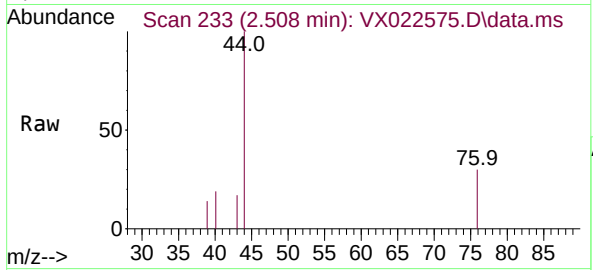




#17
Carbon Disulfide
Concen: 3.458 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022575.D
Acq: 08 Jun 2021 19:39

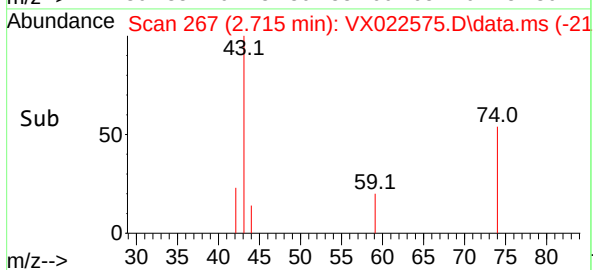
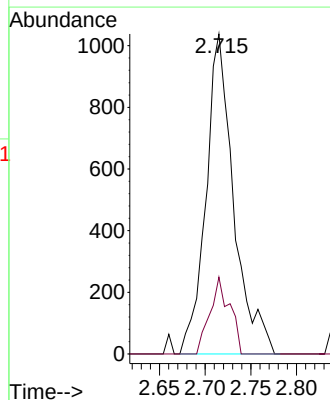
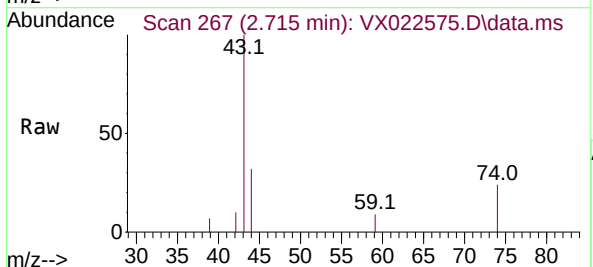
Instrument :
MSVOA_X
ClientSampled :

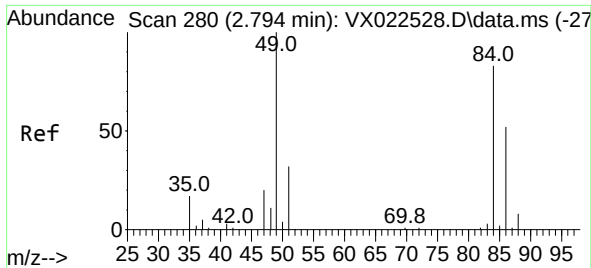
Tgt Ion: 76 Resp: 154
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.629 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022575.D
Acq: 08 Jun 2021 19:39

Tgt Ion: 43 Resp: 2188
Ion Ratio Lower Upper
43 100
74 17.2 21.9 32.9#





#20

Methylene Chloride

Concen: 3.957 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022575.D

Acq: 08 Jun 2021 19:39

Tgt Ion: 84 Resp: 4025

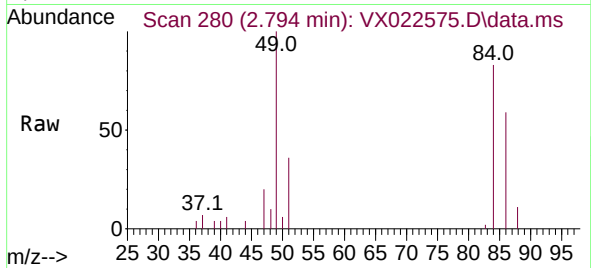
Ion Ratio Lower Upper

84 100

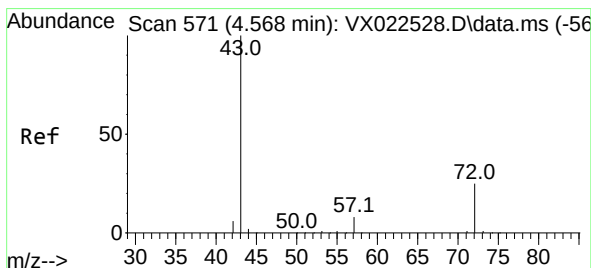
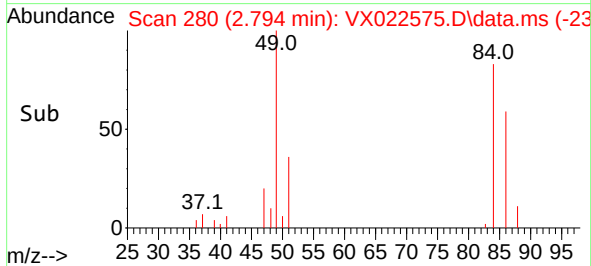
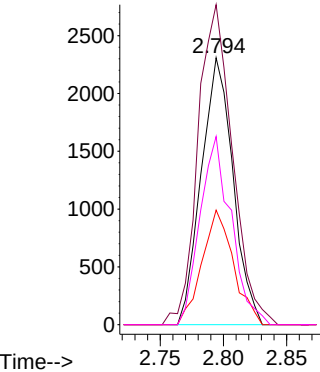
49 117.0 88.6 132.8

51 42.9 27.0 40.6#

86 70.5 50.3 75.5



Abundance



#25

2-Butanone

Concen: 1.634 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX022575.D

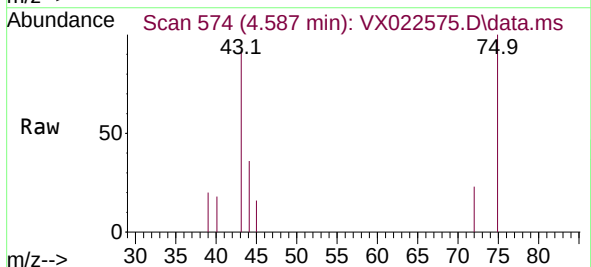
Acq: 08 Jun 2021 19:39

Tgt Ion: 43 Resp: 1316

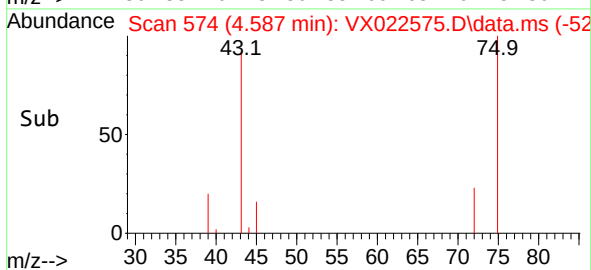
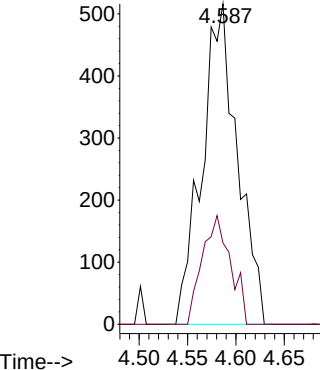
Ion Ratio Lower Upper

43 100

72 25.4 23.7 35.5



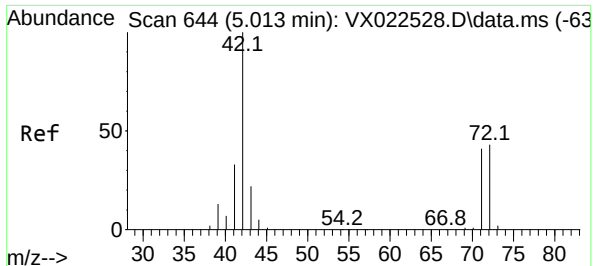
Abundance



Instrument :

MSVOA_X

ClientSampleId :



#29

Tetrahydrofuran

Concen: 0.836 ug/l

RT: 5.044 min Scan# 649

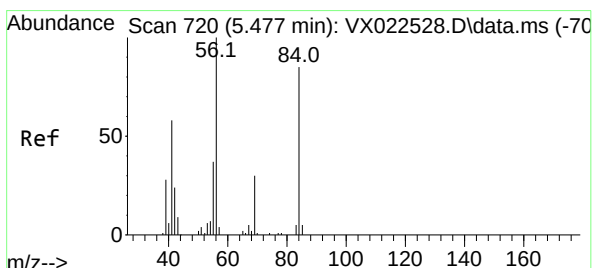
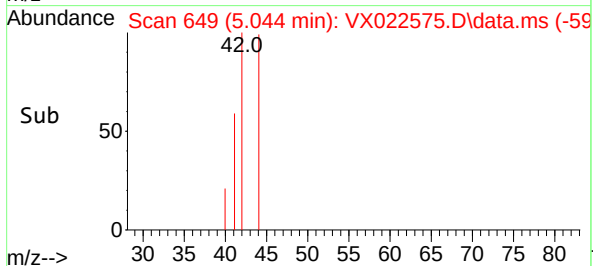
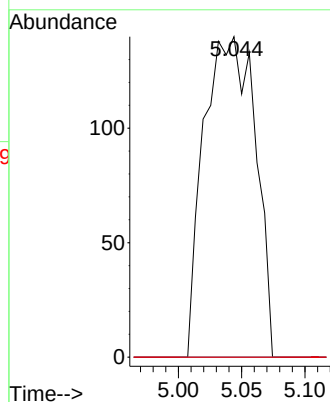
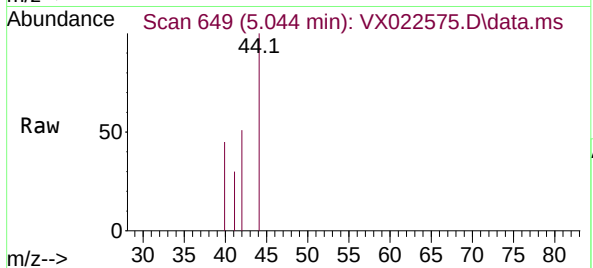
Delta R.T. 0.031 min

Lab File: VX022575.D

Acq: 08 Jun 2021 19:39

Tgt Ion: 42	Resp:	395
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: 1.441 ug/l

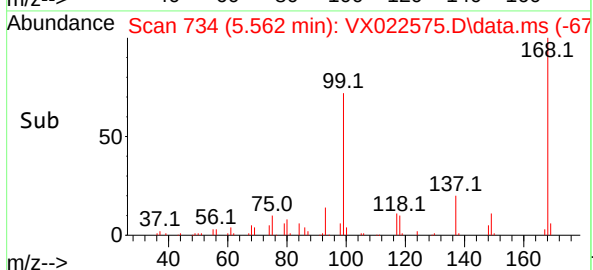
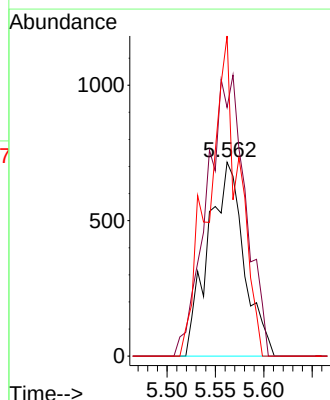
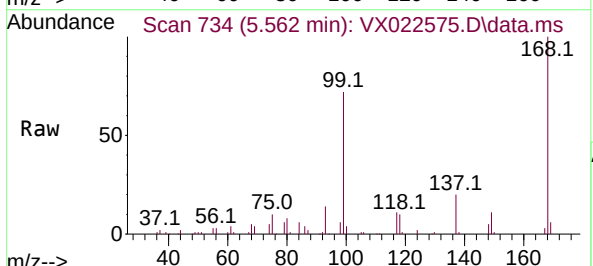
RT: 5.562 min Scan# 734

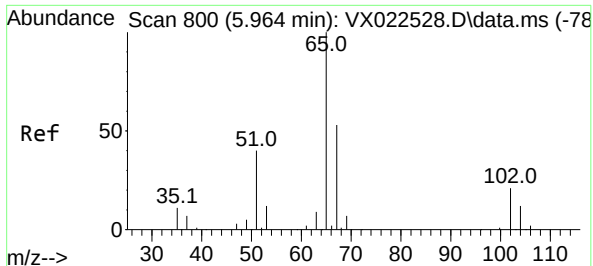
Delta R.T. 0.085 min

Lab File: VX022575.D

Acq: 08 Jun 2021 19:39

Tgt Ion: 56	Resp:	1848
Ion	Ratio	Lower Upper
56	100	
69	128.2	25.3 37.9#
84	165.1	71.4 107.0#



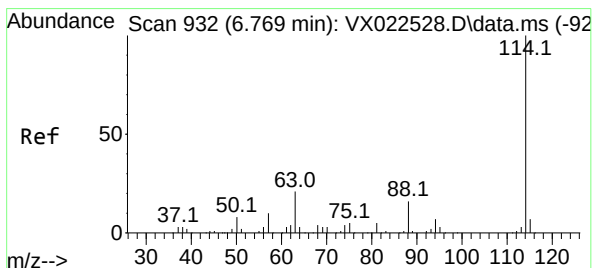
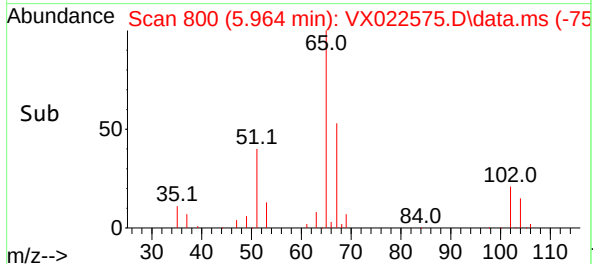
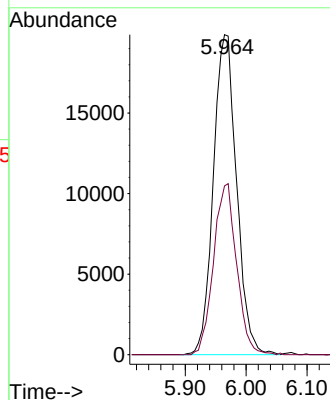
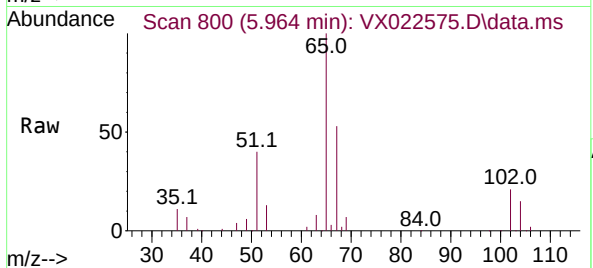


#33

1,2-Dichloroethane-d4
Concen: 48.505 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022575.D
Acq: 08 Jun 2021 19:39

Instrument :
MSVOA_X
ClientSampleId :

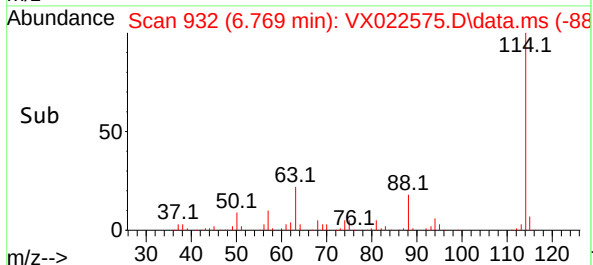
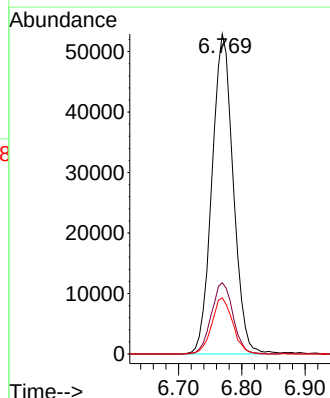
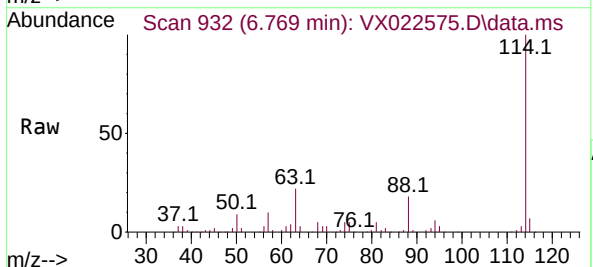
Tgt Ion: 65 Resp: 52589
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

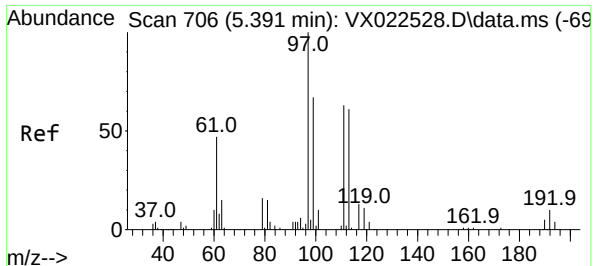


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022575.D
Acq: 08 Jun 2021 19:39

Tgt Ion: 114 Resp: 123464
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.8
88 17.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.522 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022575.D

Acq: 08 Jun 2021 19:39

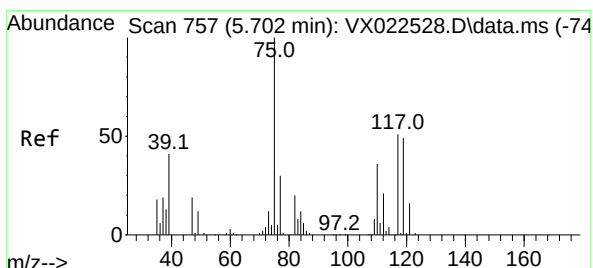
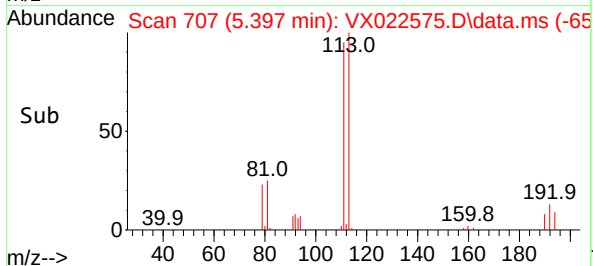
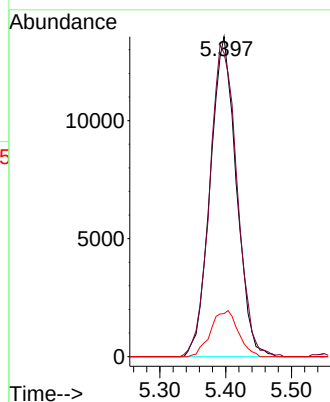
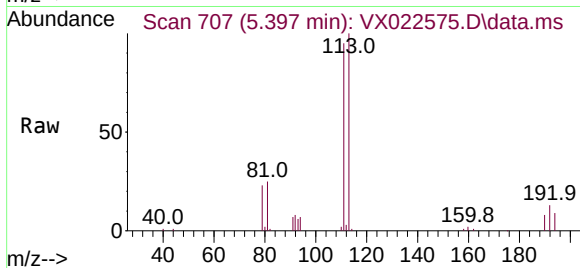
Tgt Ion:113 Resp: 37482

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

192 15.2 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.302 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022575.D

Acq: 08 Jun 2021 19:39

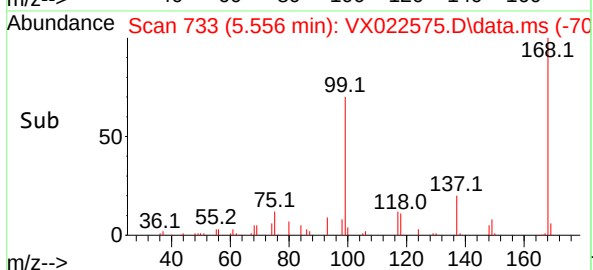
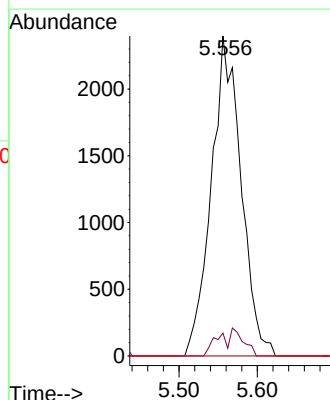
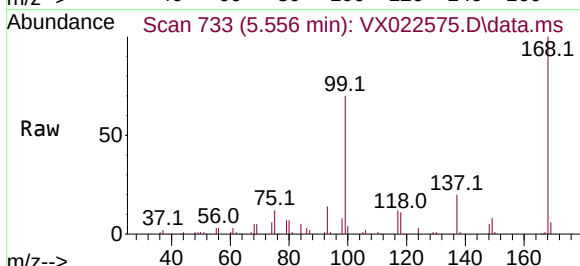
Tgt Ion: 75 Resp: 6333

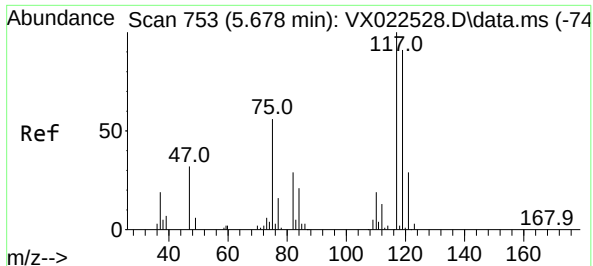
Ion Ratio Lower Upper

75 100

110 3.2 18.1 54.4#

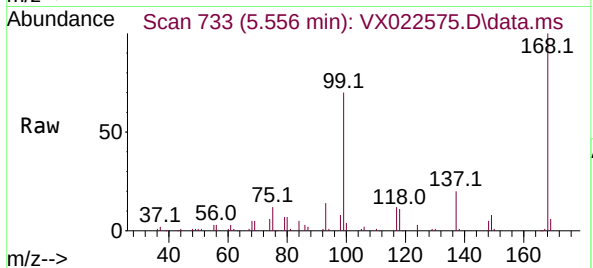
77 0.0 25.3 37.9#



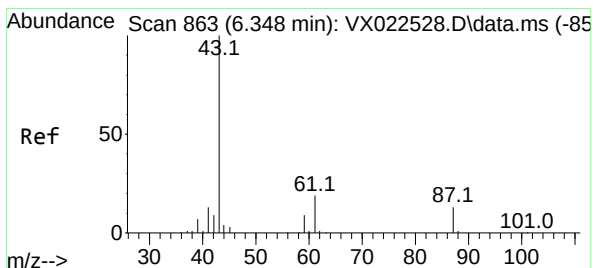
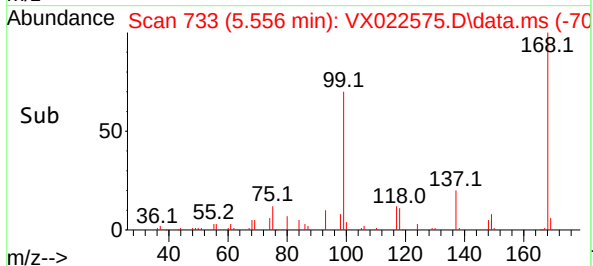
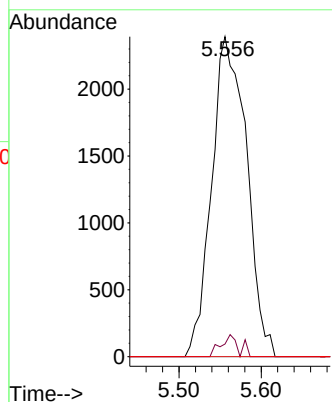


#38
Carbon Tetrachloride
Concen: 8.179 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022575.D
Acq: 08 Jun 2021 19:39

Instrument :
MSVOA_X
ClientSampleId :

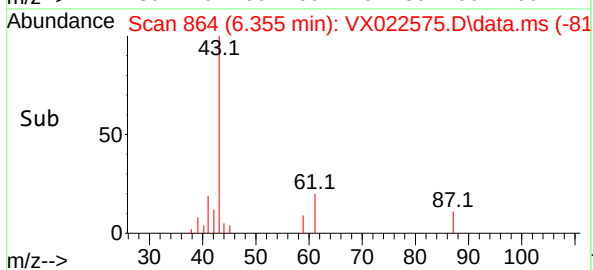
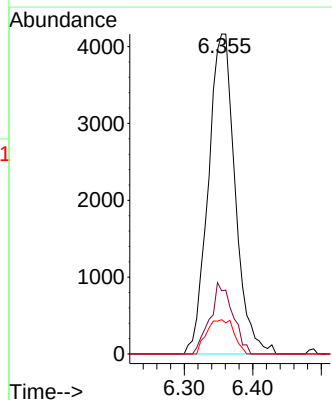
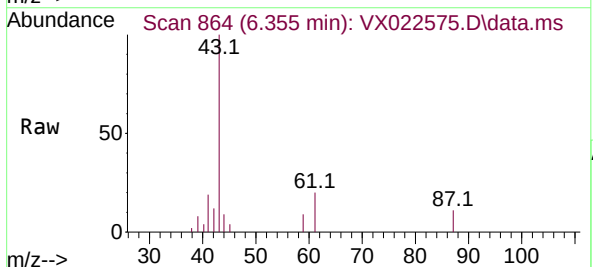


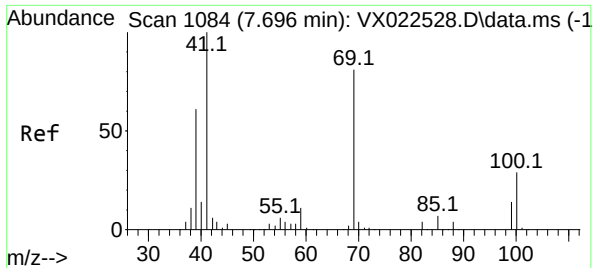
Tgt Ion:117 Resp: 7057
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 4.563 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.007 min
Lab File: VX022575.D
Acq: 08 Jun 2021 19:39

Tgt Ion: 43 Resp: 11340
Ion Ratio Lower Upper
43 100
61 18.9 18.2 27.4
87 10.9 12.5 18.7#

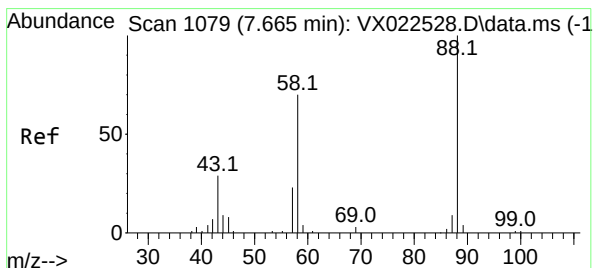
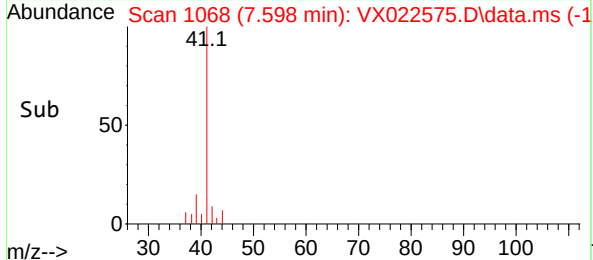
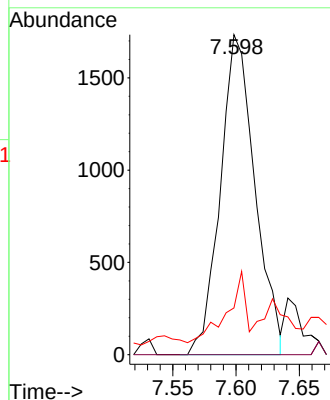
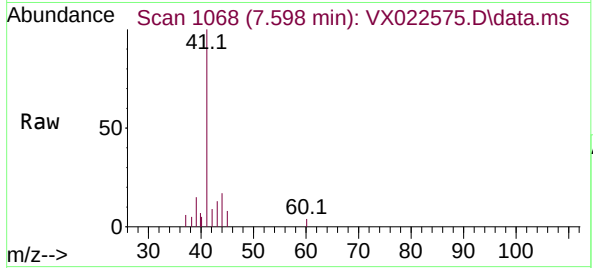




#48
Methyl methacrylate
Concen: 2.856 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022575.D
Acq: 08 Jun 2021 19:39

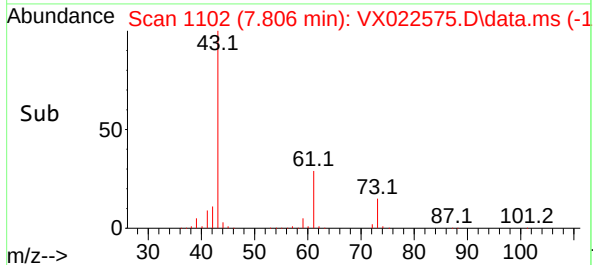
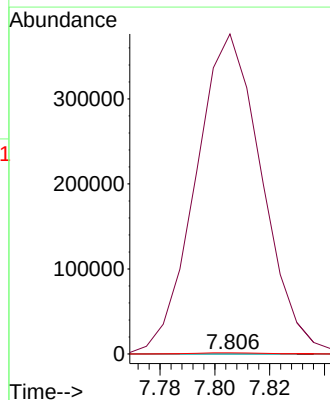
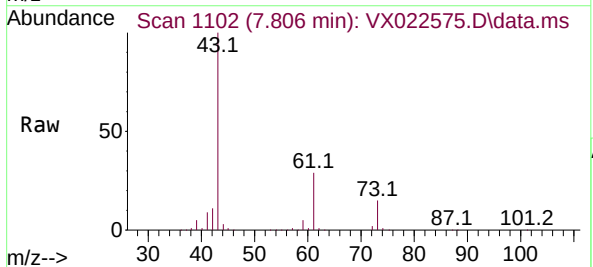
Instrument :
MSVOA_X
ClientSampleId :

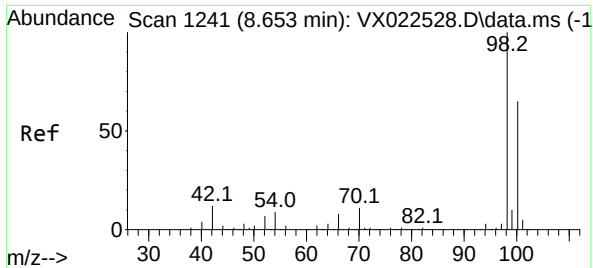
Tgt Ion: 41 Resp: 3303
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 3.335 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.141 min
Lab File: VX022575.D
Acq: 08 Jun 2021 19:39

Tgt Ion: 88 Resp: 78
Ion Ratio Lower Upper
88 100
43 820765.4 23.2 34.8#
58 3187.2 55.0 82.4#

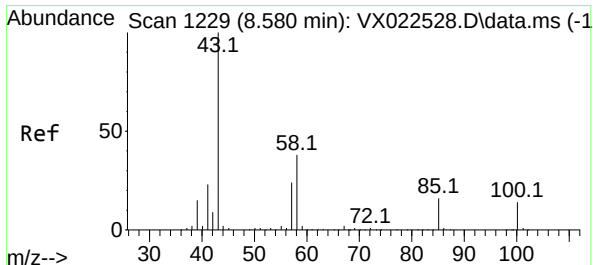
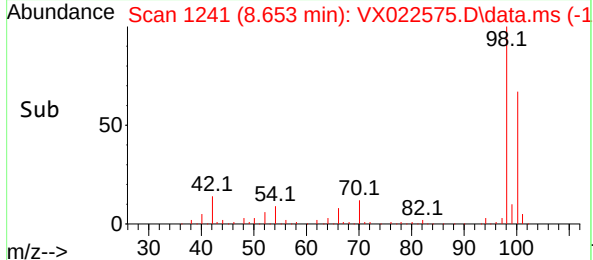
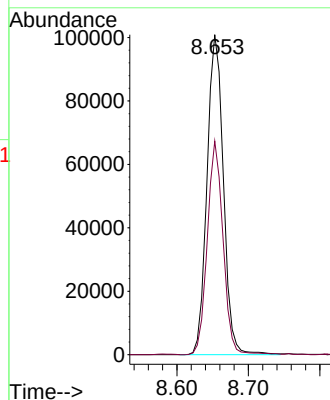
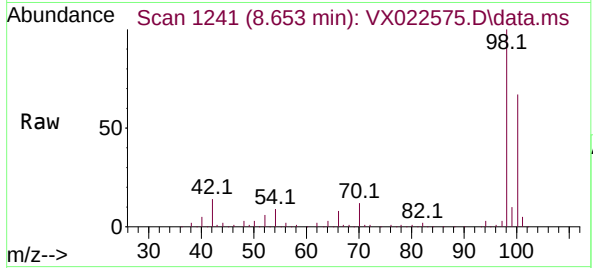




#50
Toluene-d8
Concen: 52.130 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022575.D
Acq: 08 Jun 2021 19:39

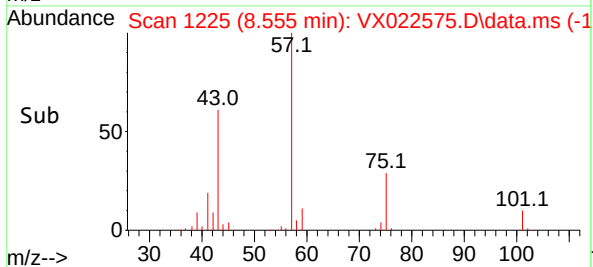
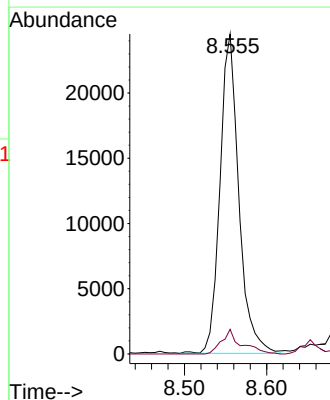
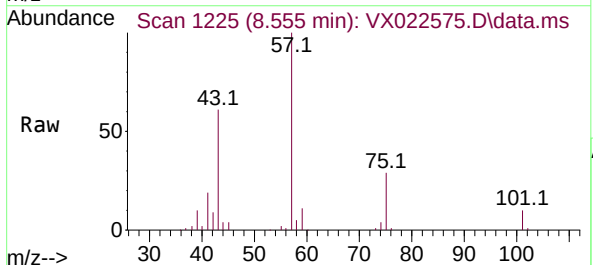
Instrument :
MSVOA_X
ClientSampleId :

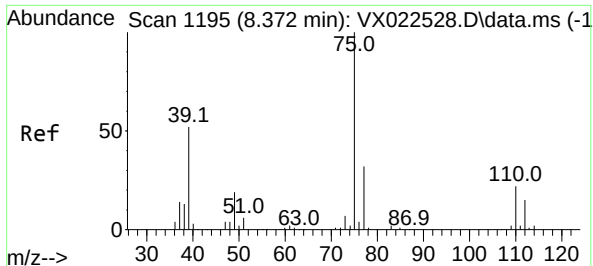
Tgt Ion: 98 Resp: 160676
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 25.161 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022575.D
Acq: 08 Jun 2021 19:39

Tgt Ion: 43 Resp: 38953
Ion Ratio Lower Upper
43 100
58 8.0 35.4 53.0#

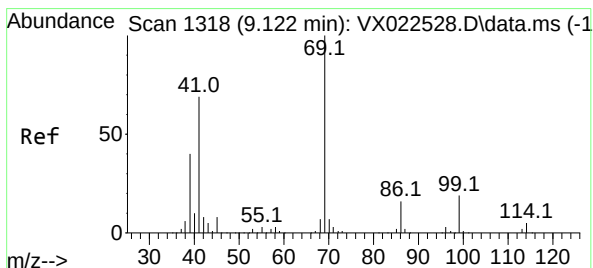
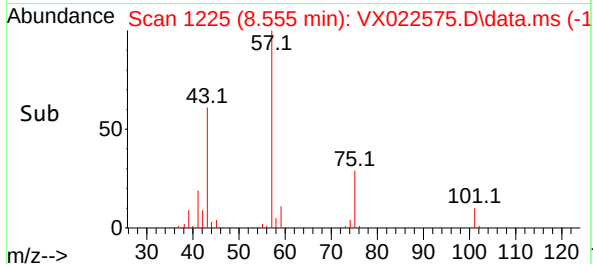
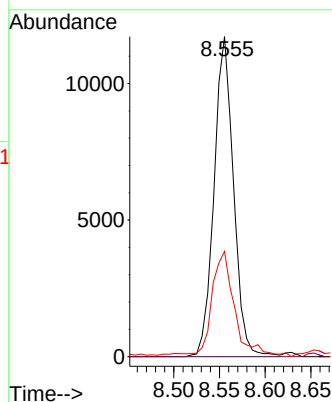
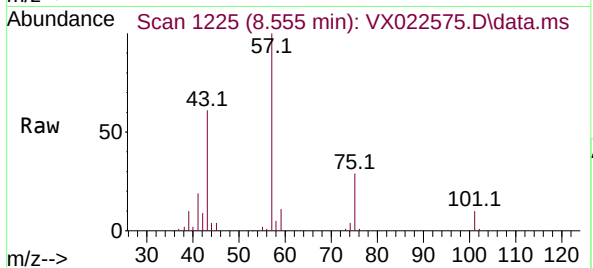




#54
cis-1,3-Dichloropropene
Concen: 12.681 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022575.D
Acq: 08 Jun 2021 19:39

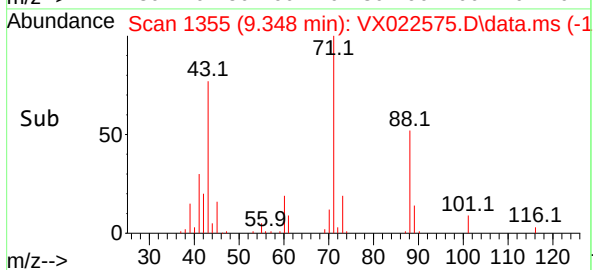
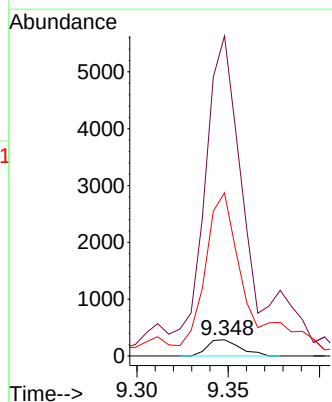
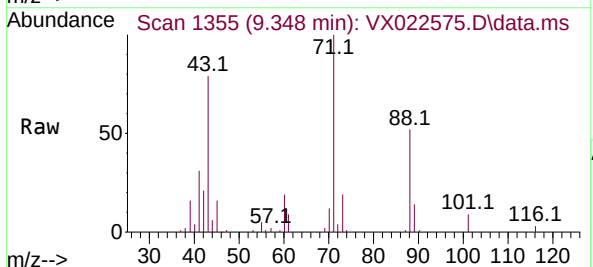
Instrument :
MSVOA_X
ClientSampled :

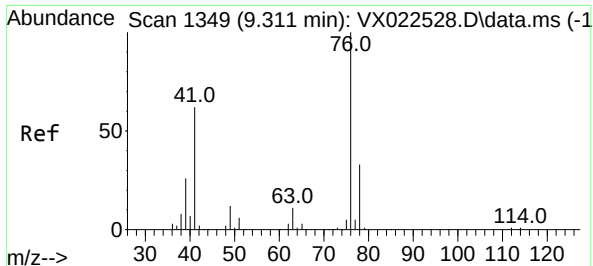
Tgt Ion: 75 Resp: 17342
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 32.1 35.1 52.7#



#56
Ethyl methacrylate
Concen: 2.901 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.226 min
Lab File: VX022575.D
Acq: 08 Jun 2021 19:39

Tgt Ion: 69 Resp: 354
Ion Ratio Lower Upper
69 100
41 2254.2 46.8 70.2#
39 1085.3 24.7 37.1#

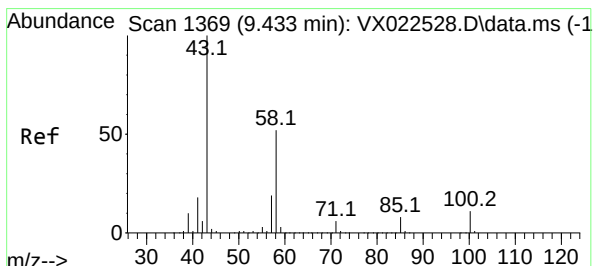
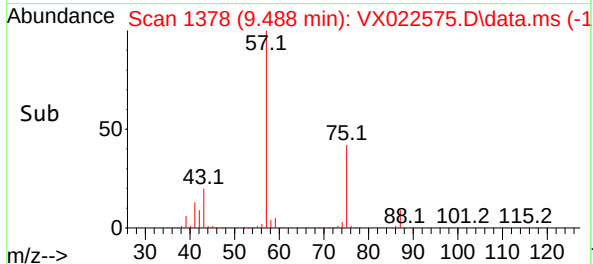
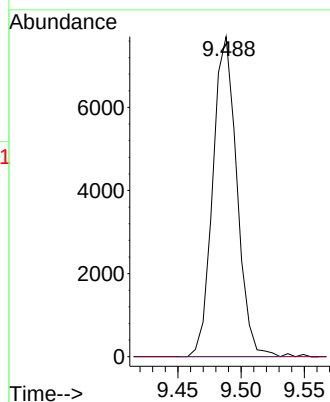
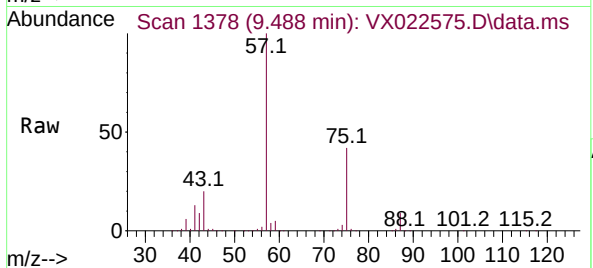




#57
1,3-Dichloropropane
Concen: 6.237 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022575.D
Acq: 08 Jun 2021 19:39

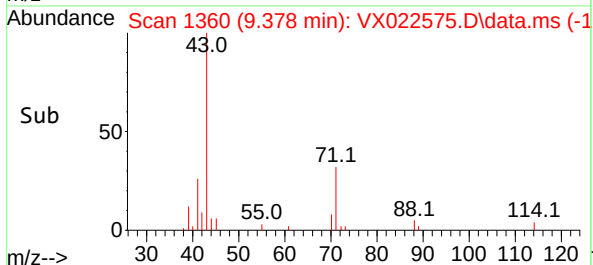
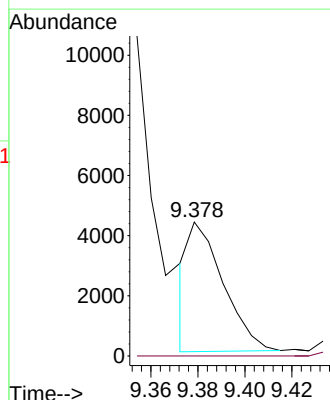
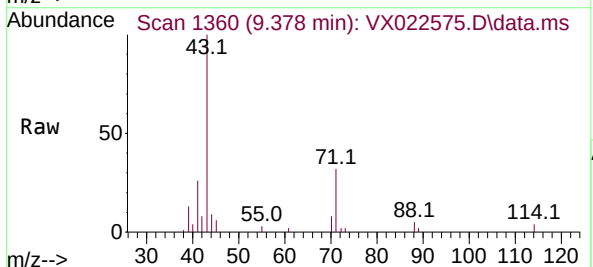
Instrument :
MSVOA_X
ClientSampleId :

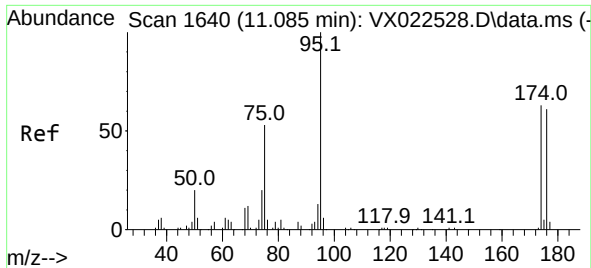
Tgt Ion: 76 Resp: 10170
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#



#59
2-Hexanone
Concen: 3.753 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022575.D
Acq: 08 Jun 2021 19:39

Tgt Ion: 43 Resp: 4439
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

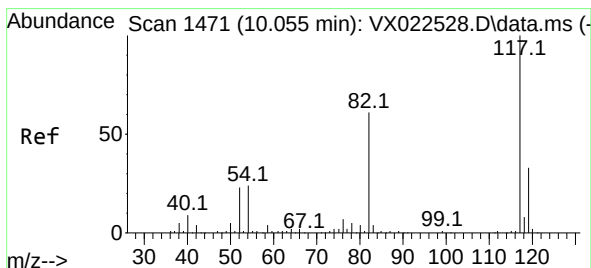
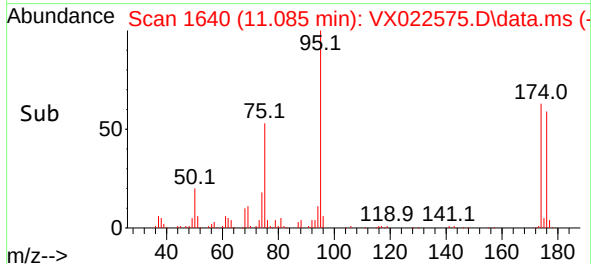
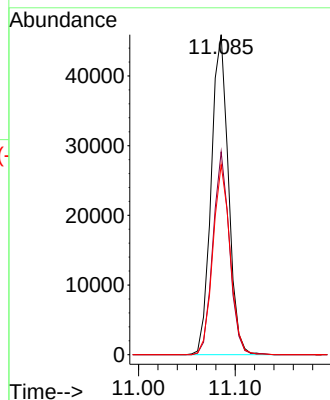
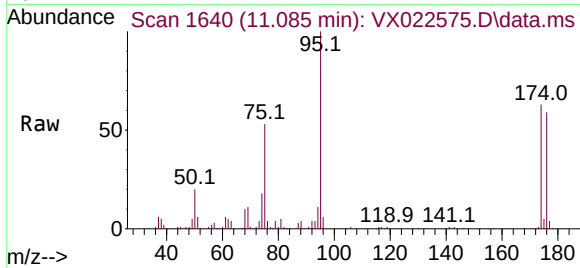




#62
4-Bromofluorobenzene
Concen: 49.578 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022575.D
Acq: 08 Jun 2021 19:39

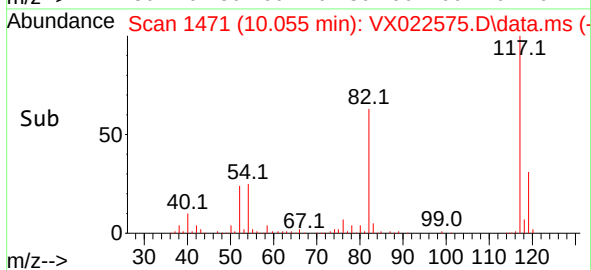
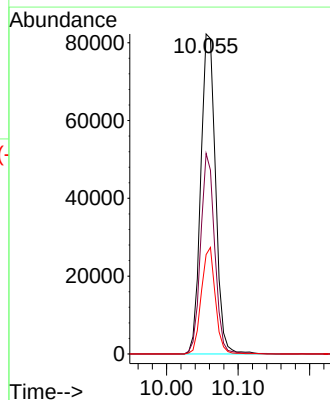
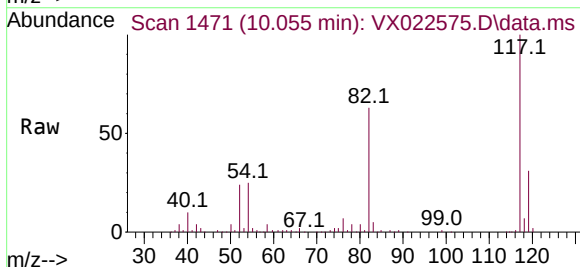
Instrument :
MSVOA_X
ClientSampleId :

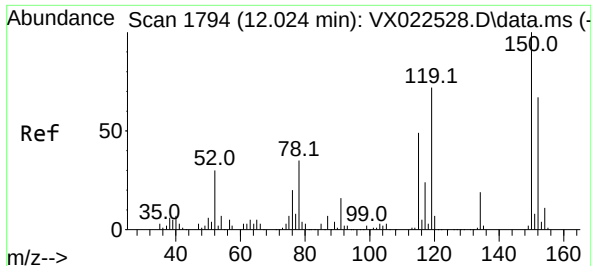
Tgt Ion: 95 Resp: 56799
Ion Ratio Lower Upper
95 100
174 60.9 0.0 154.6
176 59.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022575.D
Acq: 08 Jun 2021 19:39

Tgt Ion: 117 Resp: 117754
Ion Ratio Lower Upper
117 100
82 62.7 47.4 71.2
119 31.1 26.6 39.8

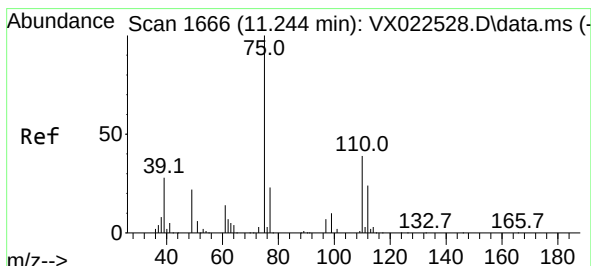
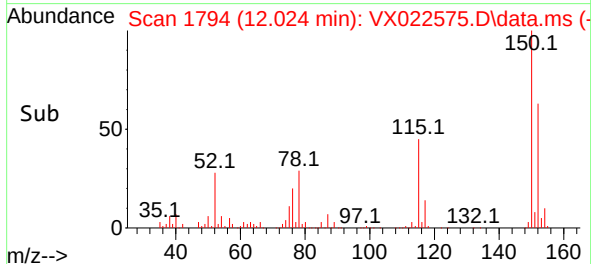
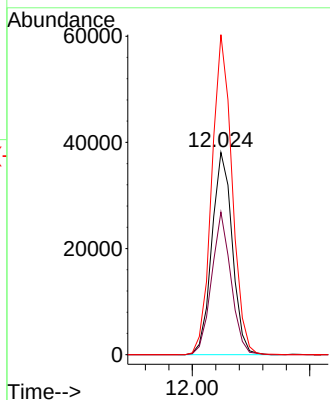
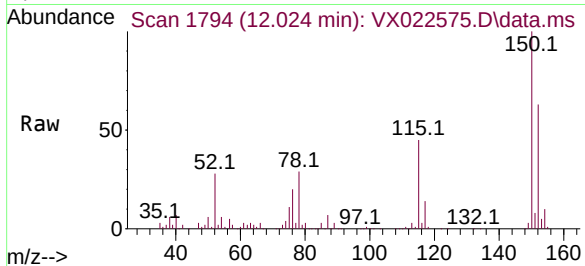




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022575.D
 Acq: 08 Jun 2021 19:39

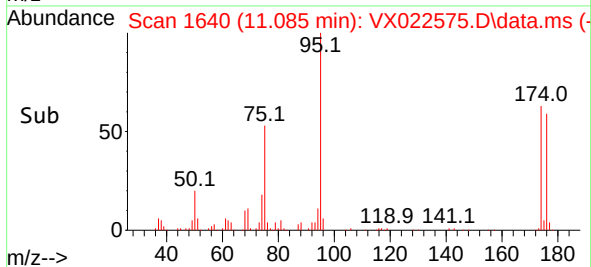
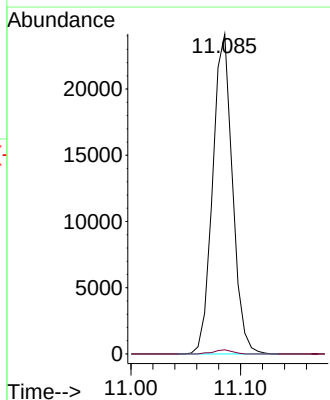
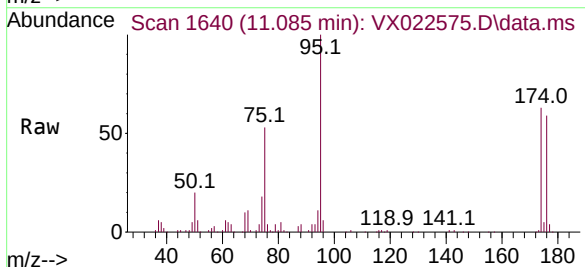
Instrument :
 MSVOA_X
 ClientSampled :

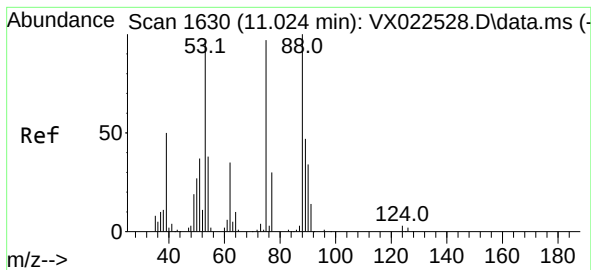
Tgt Ion:152 Resp: 46057
 Ion Ratio Lower Upper
 152 100
 115 66.6 41.1 123.3
 150 156.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.388 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022575.D
 Acq: 08 Jun 2021 19:39

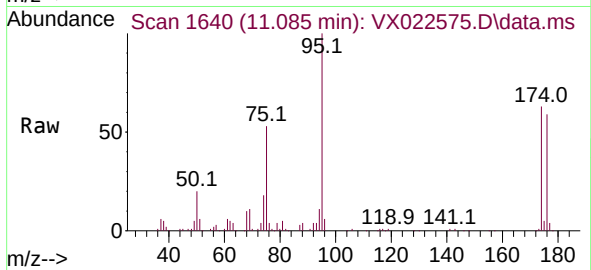
Tgt Ion: 75 Resp: 30292
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.736 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022575.D
 Acq: 08 Jun 2021 19:39

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 30292
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

