

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022597.D
 Acq On : 09 Jun 2021 05:03
 Operator : JC/MD
 Sample : M2625-36
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 06:41:17 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)

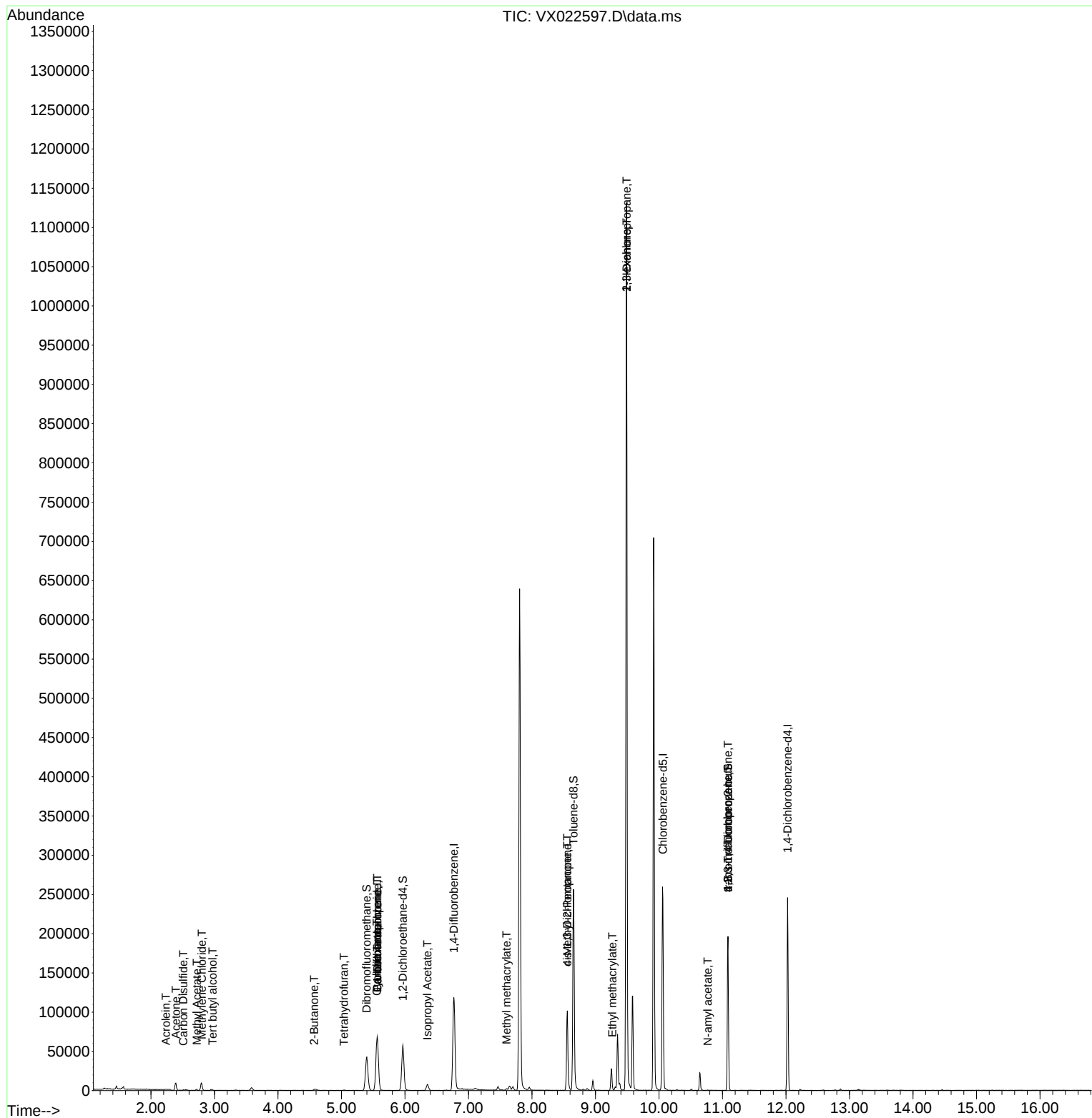
Internal Standards						
1) Pentafluorobenzene	5.562	168	57835	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	117788	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	111501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50036	48.666	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.340%
35) Dibromofluoromethane	5.397	113	35511	48.186	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.380%
50) Toluene-d8	8.653	98	149310	50.777	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.560%
62) 4-Bromofluorobenzene	11.085	95	53103	48.586	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.180%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.971	59	940	4.076	ug/l	# 73
13) Acrolein	2.233	56	141	4.385	ug/l	# 76
16) Acetone	2.392	43	10048	21.749	ug/l	100
17) Carbon Disulfide	2.508	76	722	3.751	ug/l	# 75
18) Methyl Acetate	2.721	43	1394	1.094	ug/l	# 82
20) Methylene Chloride	2.800	84	4093	4.243	ug/l	# 78
25) 2-Butanone	4.568	43	1864	2.441	ug/l	98
29) Tetrahydrofuran	5.038	42	307	0.685	ug/l	# 56
31) Cyclohexane	5.556	56	1734	1.426	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	5764	5.058	ug/l	# 45
38) Carbon Tetrachloride	5.562	117	6456	7.933	ug/l	# 12
43) Isopropyl Acetate	6.355	43	10245	4.321	ug/l	# 92
48) Methyl methacrylate	7.598	41	3125	2.833	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	36176	24.493	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	15728	12.183	ug/l	# 64
56) Ethyl methacrylate	9.263	69	82	2.749	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	9349	6.010	ug/l	# 42
59) 2-Hexanone	9.488	43	132720	117.625	ug/l	# 44
74) N-amyl acetate	10.768	43	394	0.206	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	27924	24.591	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	27924	60.950	ug/l	# 12

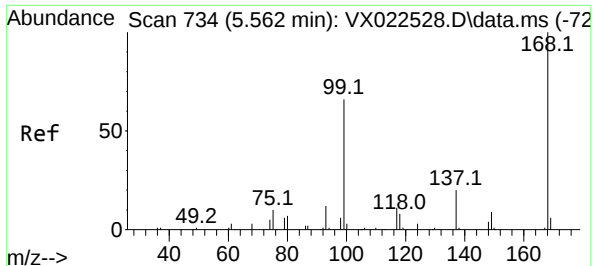
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
Data File : VX022597.D
Acq On : 09 Jun 2021 05:03
Operator : JC/MD
Sample : M2625-36
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 09 06:41:17 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

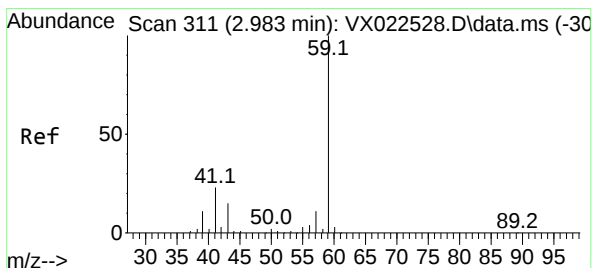
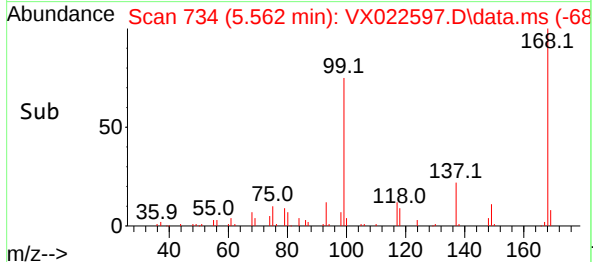
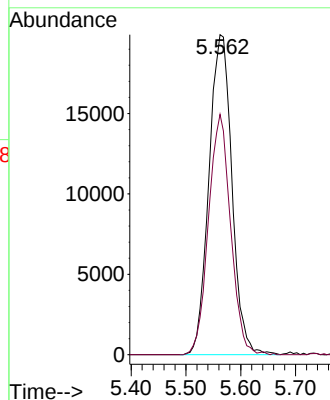
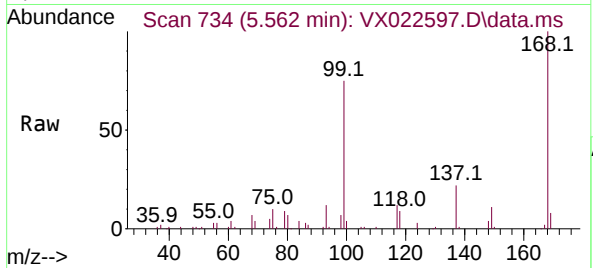




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022597.D
Acq: 09 Jun 2021 05:03

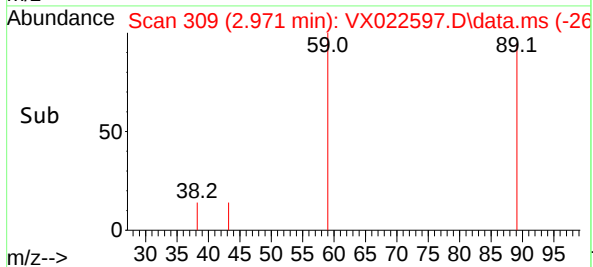
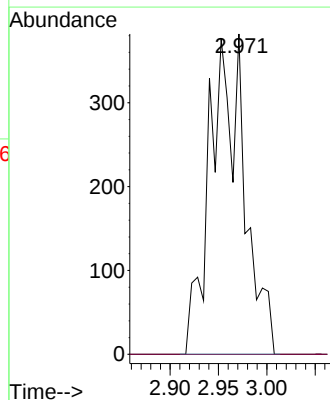
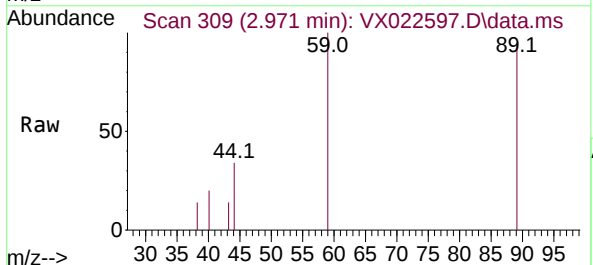
Instrument :
MSVOA_X
ClientSampled :

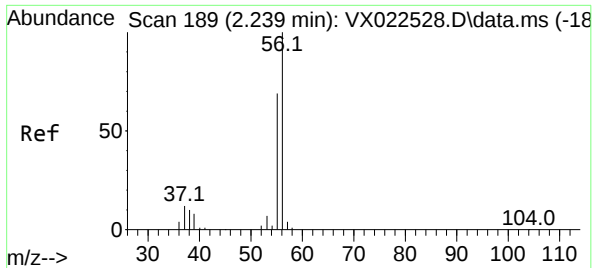
Tgt Ion:168 Resp: 57835
Ion Ratio Lower Upper
168 100
99 75.1 45.8 68.6#



#11
Tert butyl alcohol
Concen: 4.076 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX022597.D
Acq: 09 Jun 2021 05:03

Tgt Ion: 59 Resp: 940
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

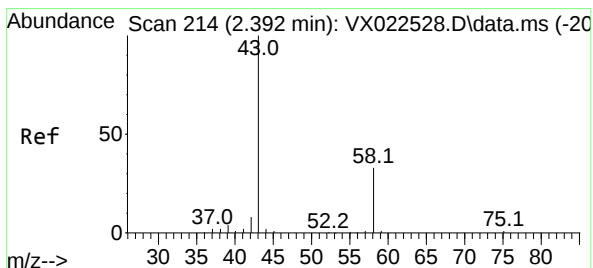
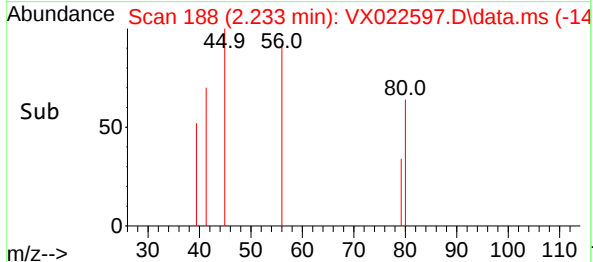
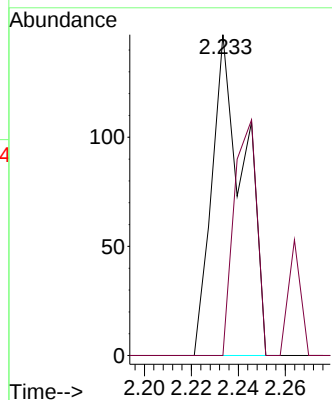
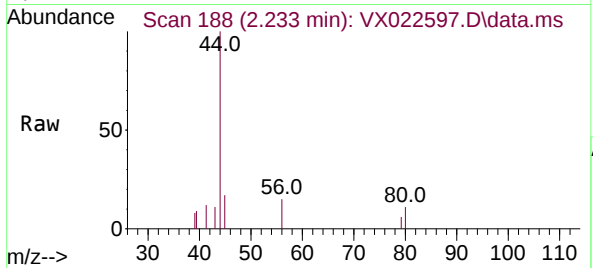




#13
Acrolein
Concen: 4.385 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX022597.D
Acq: 09 Jun 2021 05:03

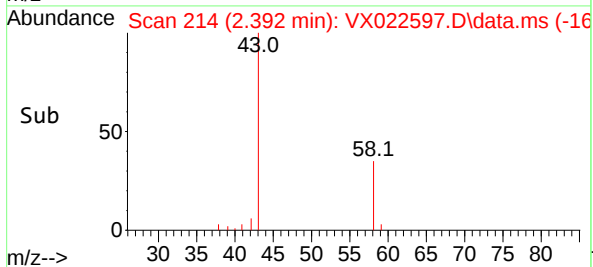
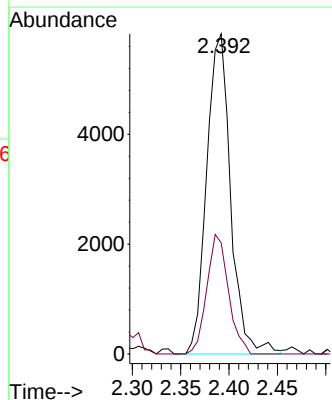
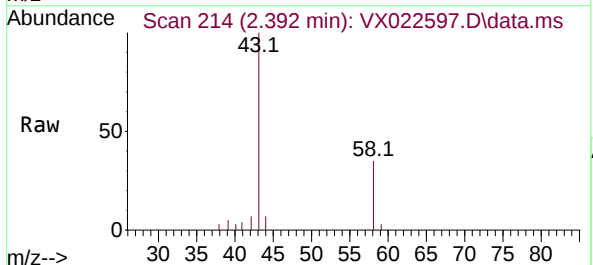
Instrument :
MSVOA_X
ClientSampled :

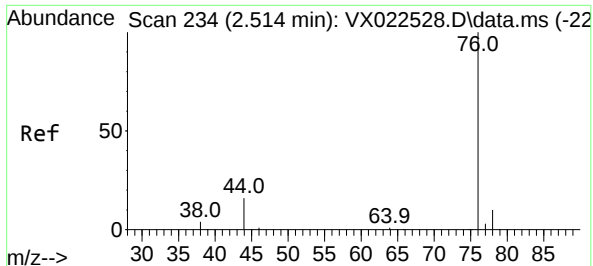
Tgt Ion: 56 Resp: 141
Ion Ratio Lower Upper
56 100
55 51.1 56.4 84.6#



#16
Acetone
Concen: 21.749 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022597.D
Acq: 09 Jun 2021 05:03

Tgt Ion: 43 Resp: 10048
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.8

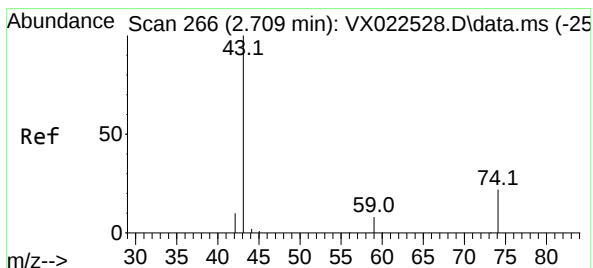
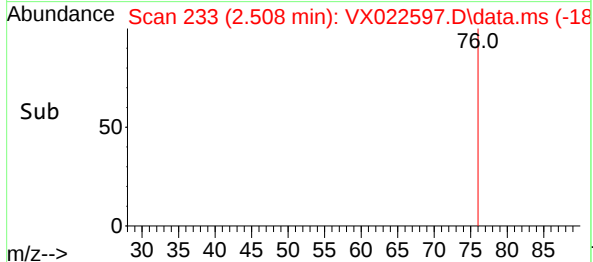
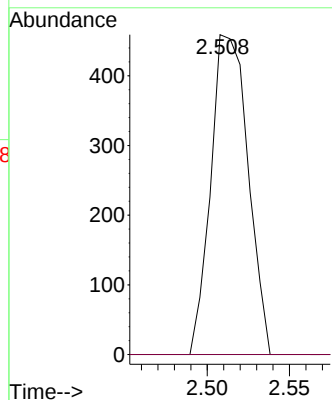
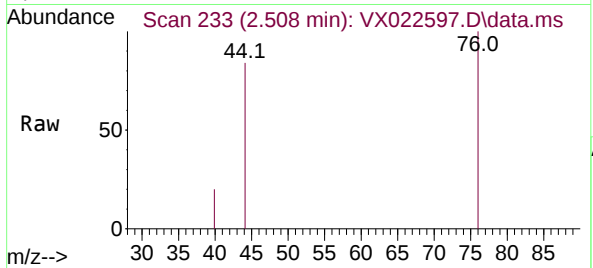




#17
Carbon Disulfide
Concen: 3.751 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022597.D
Acq: 09 Jun 2021 05:03

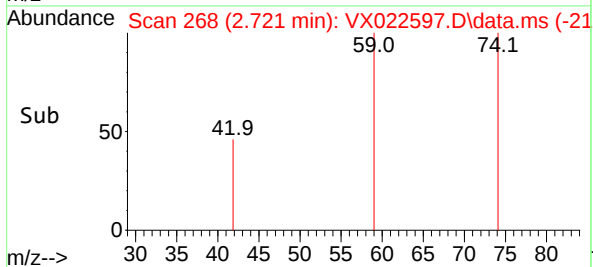
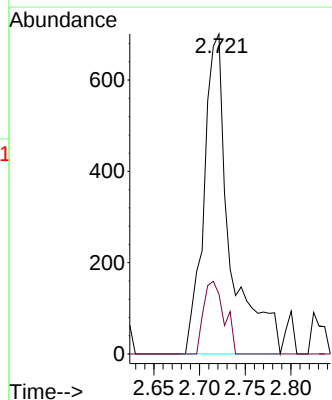
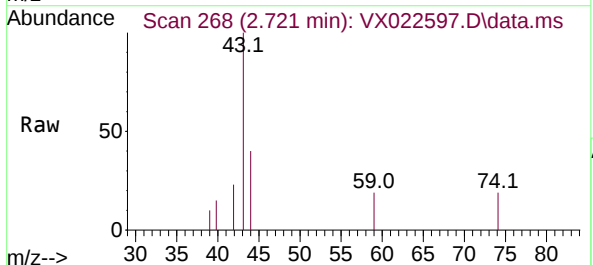
Instrument :
MSVOA_X
ClientSampled :

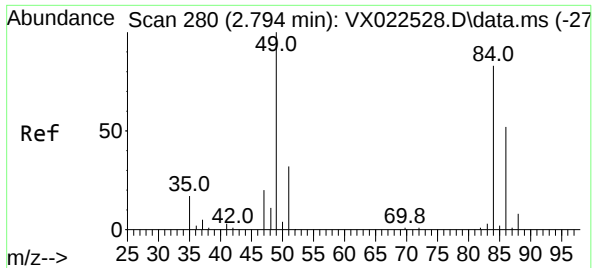
Tgt Ion: 76 Resp: 722
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.094 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022597.D
Acq: 09 Jun 2021 05:03

Tgt Ion: 43 Resp: 1394
Ion Ratio Lower Upper
43 100
74 17.8 21.9 32.9#





#20

Methylene Chloride

Concen: 4.243 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022597.D

Acq: 09 Jun 2021 05:03

Tgt Ion: 84 Resp: 4093

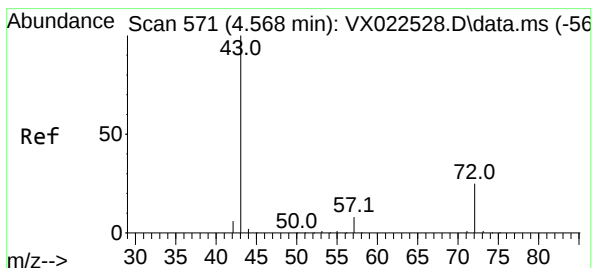
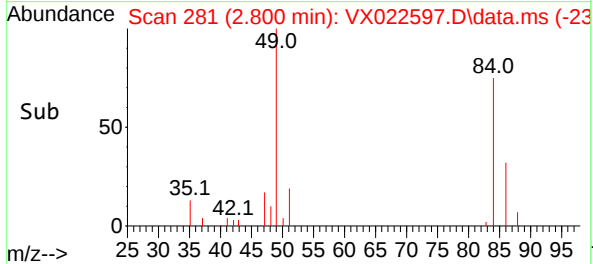
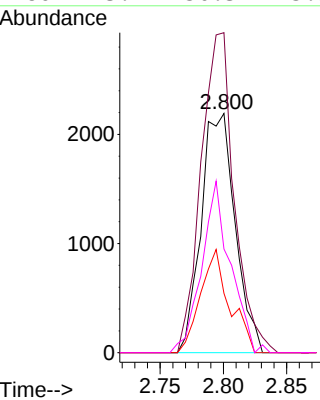
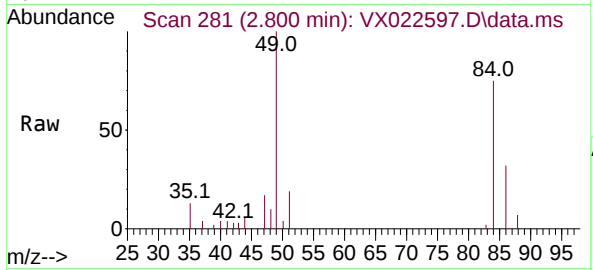
Ion Ratio Lower Upper

84 100

49 133.8 88.6 132.8#

51 24.8 27.0 40.6#

86 43.4 50.3 75.5#



#25

2-Butanone

Concen: 2.441 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX022597.D

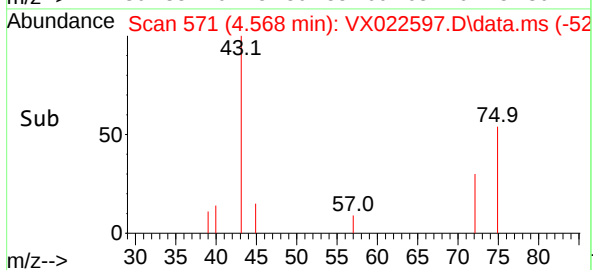
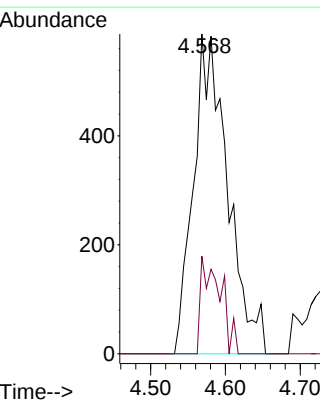
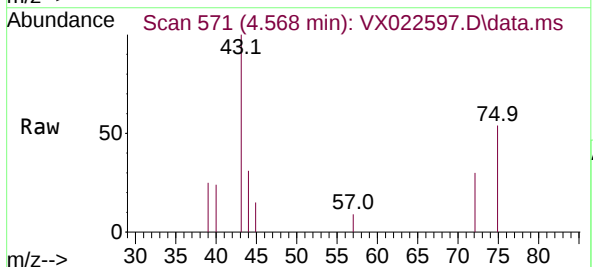
Acq: 09 Jun 2021 05:03

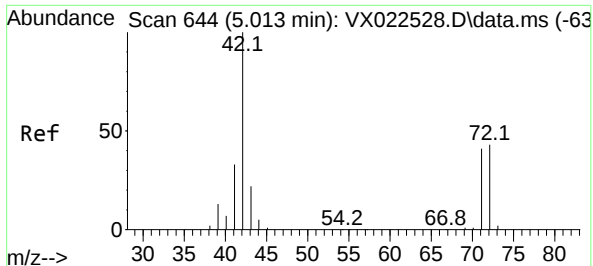
Tgt Ion: 43 Resp: 1864

Ion Ratio Lower Upper

43 100

72 30.5 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.685 ug/l

RT: 5.038 min Scan# 648

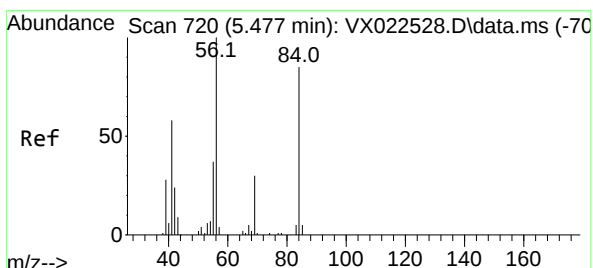
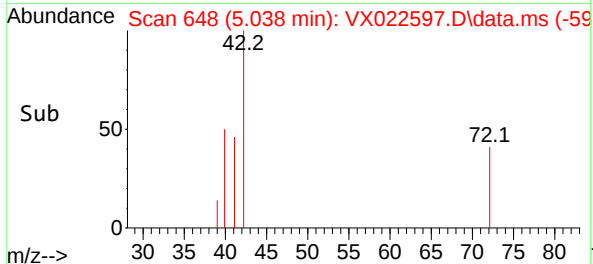
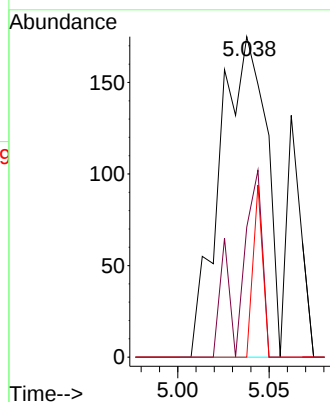
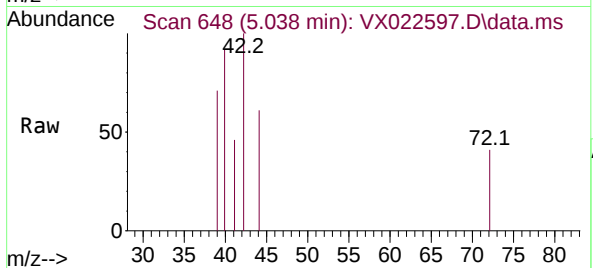
Delta R.T. 0.025 min

Lab File: VX022597.D

Acq: 09 Jun 2021 05:03

Tgt Ion:	42	Resp:	307
Ion	Ratio	Lower	Upper
42	100		
72	28.3	41.7	62.5#
71	11.1	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.426 ug/l

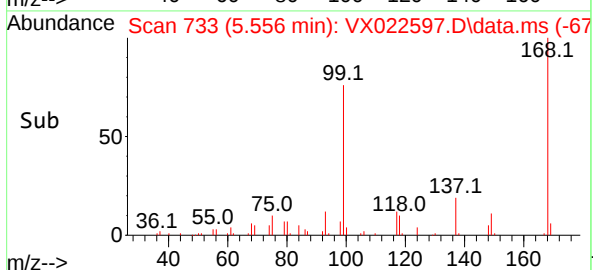
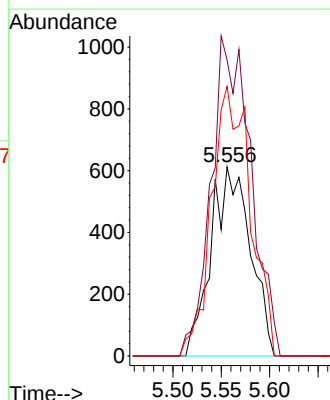
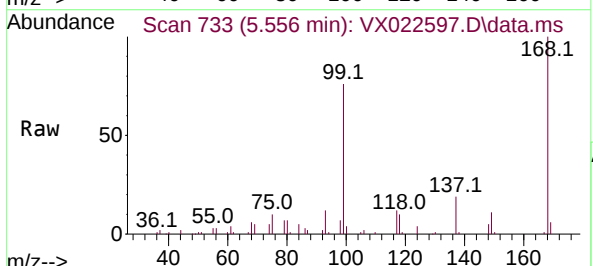
RT: 5.556 min Scan# 733

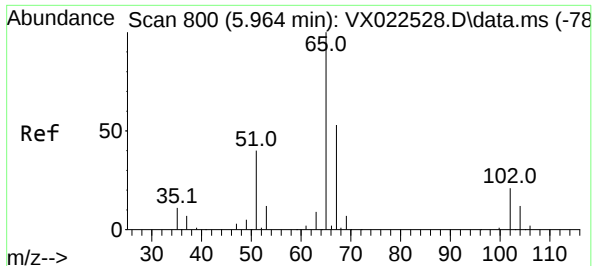
Delta R.T. 0.079 min

Lab File: VX022597.D

Acq: 09 Jun 2021 05:03

Tgt Ion:	56	Resp:	1734
Ion	Ratio	Lower	Upper
56	100		
69	156.5	25.3	37.9#
84	142.6	71.4	107.0#



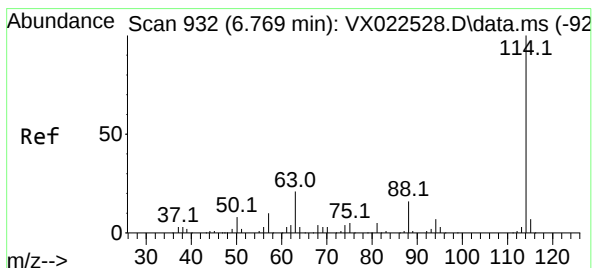
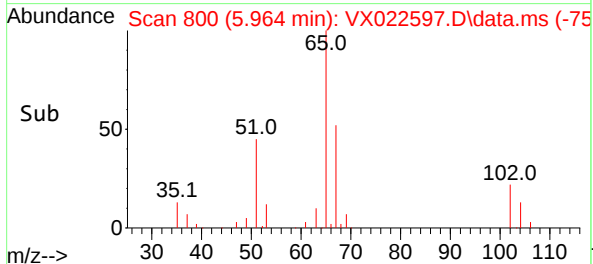
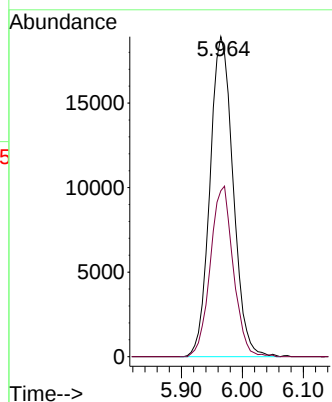
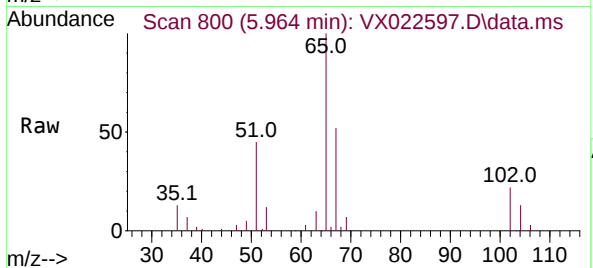


#33

1,2-Dichloroethane-d4
Concen: 48.666 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022597.D
Acq: 09 Jun 2021 05:03

Instrument :
MSVOA_X
ClientSampleId :

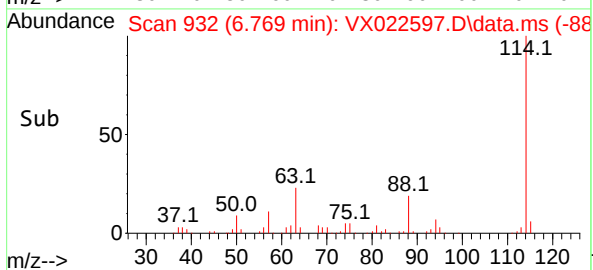
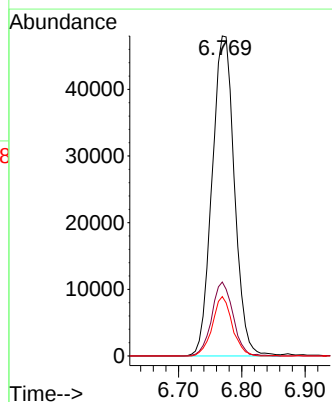
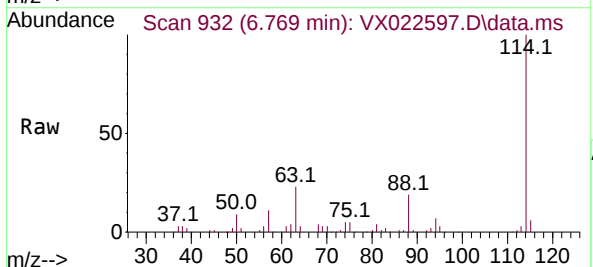
Tgt Ion: 65 Resp: 50036
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

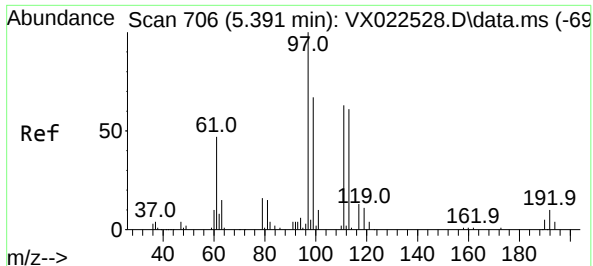


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022597.D
Acq: 09 Jun 2021 05:03

Tgt Ion: 114 Resp: 117788
Ion Ratio Lower Upper
114 100
63 23.1 0.0 40.8
88 18.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.186 ug/l

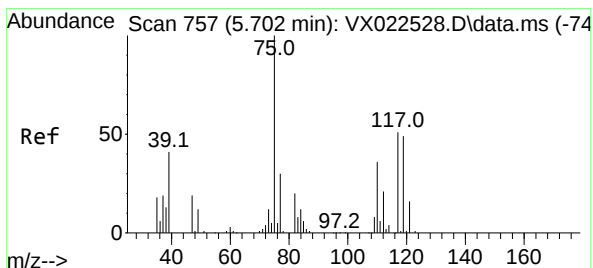
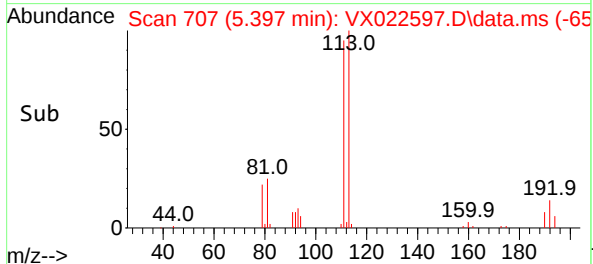
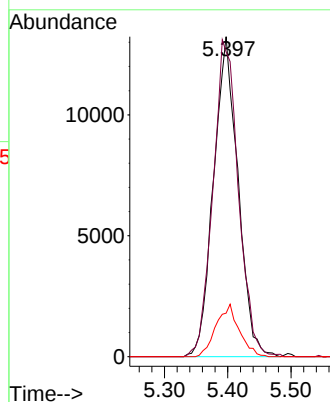
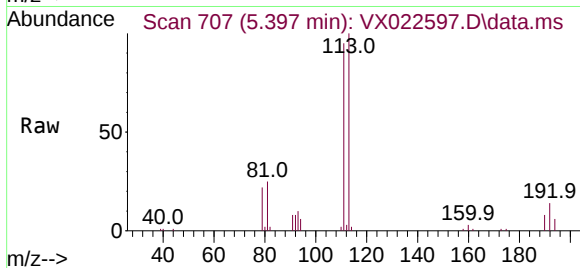
RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022597.D

Acq: 09 Jun 2021 05:03

Tgt Ion:	113	Resp:	35511
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	15.4	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 5.058 ug/l

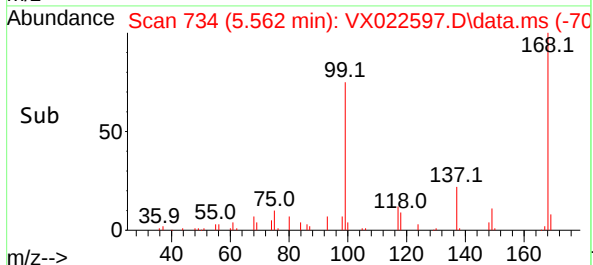
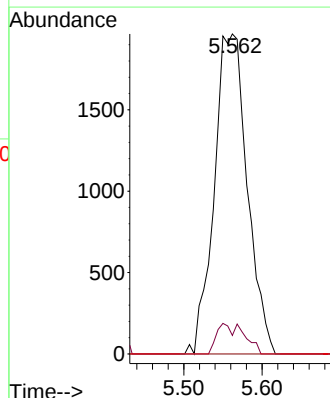
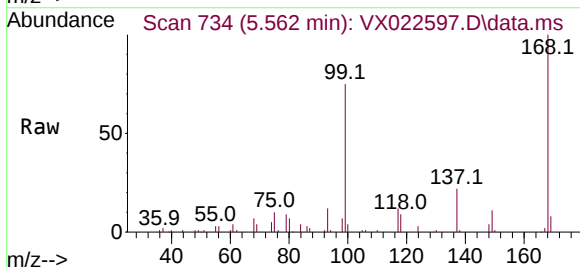
RT: 5.562 min Scan# 734

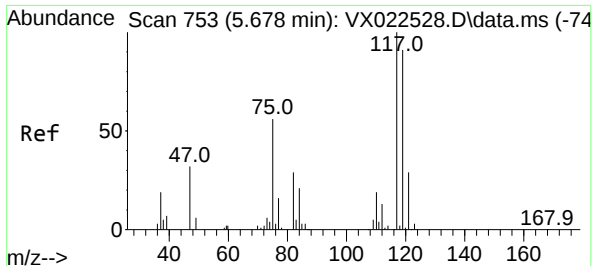
Delta R.T. -0.140 min

Lab File: VX022597.D

Acq: 09 Jun 2021 05:03

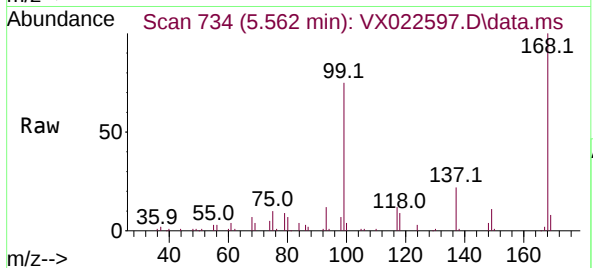
Tgt Ion:	75	Resp:	5764
Ion	Ratio	Lower	Upper
75	100		
110	4.4	18.1	54.4#
77	0.0	25.3	37.9#



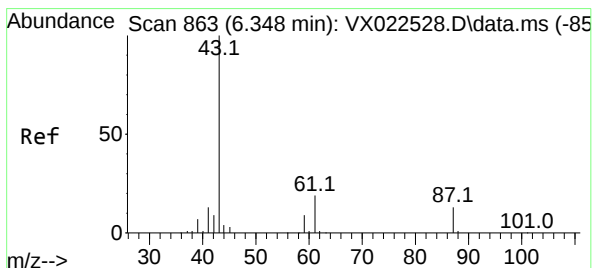
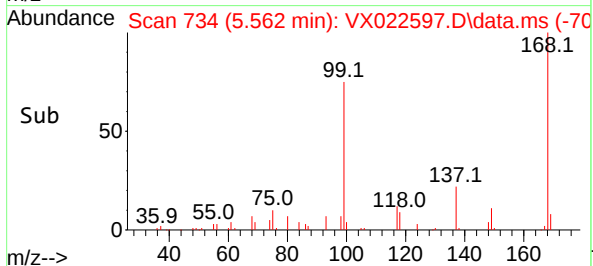
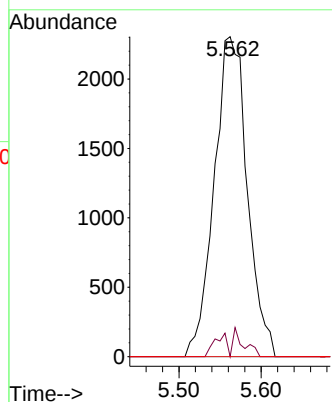


#38
Carbon Tetrachloride
Concen: 7.933 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022597.D
Acq: 09 Jun 2021 05:03

Instrument :
MSVOA_X
ClientSampled :

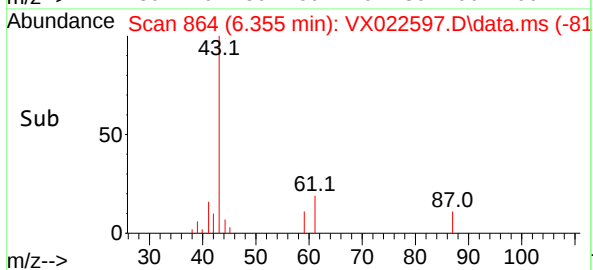
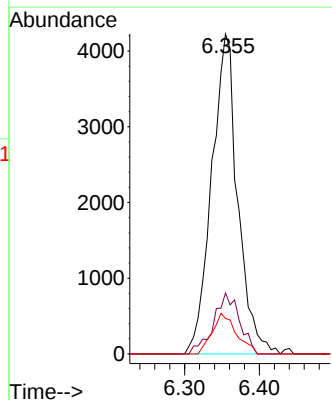
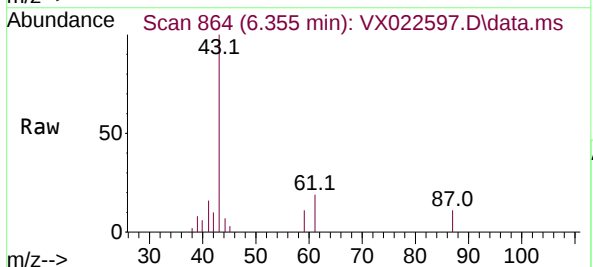


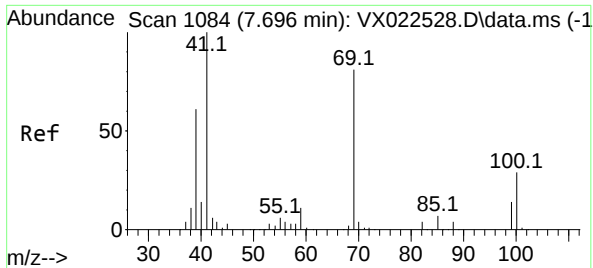
Tgt Ion:117 Resp: 6456
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 4.321 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.007 min
Lab File: VX022597.D
Acq: 09 Jun 2021 05:03

Tgt Ion: 43 Resp: 10245
Ion Ratio Lower Upper
43 100
61 19.0 18.2 27.4
87 11.7 12.5 18.7#

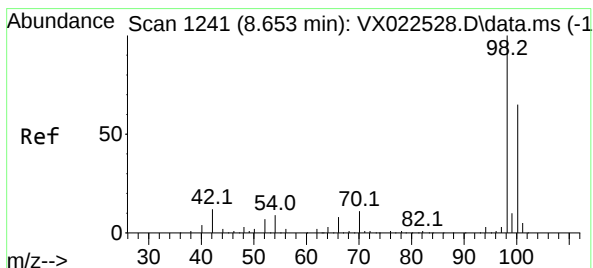
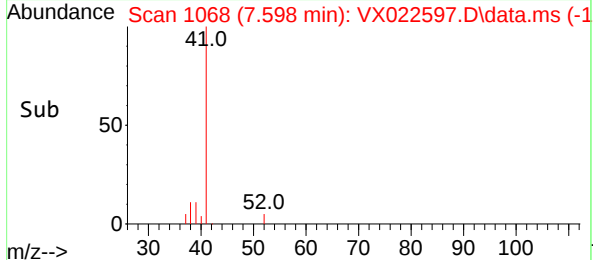
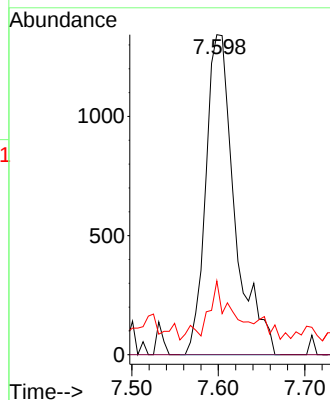
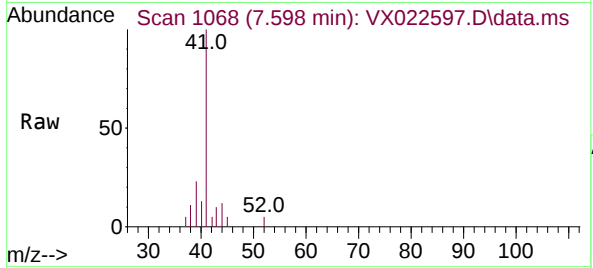




#48
Methyl methacrylate
Concen: 2.833 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022597.D
Acq: 09 Jun 2021 05:03

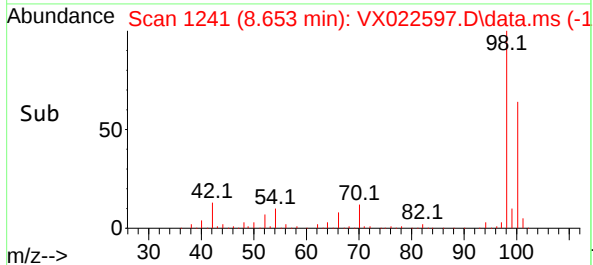
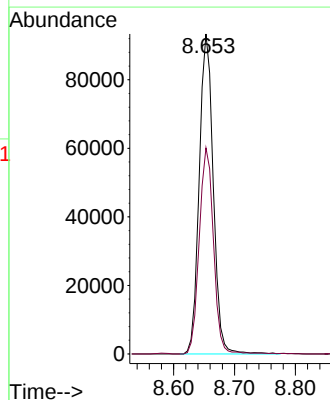
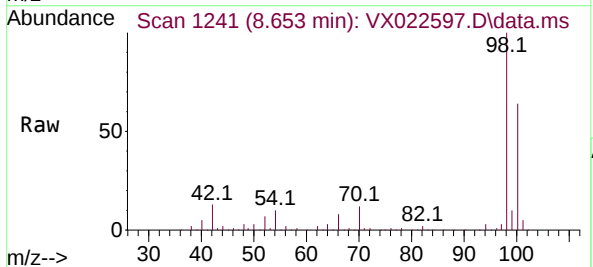
Instrument :
MSVOA_X
ClientSampled :

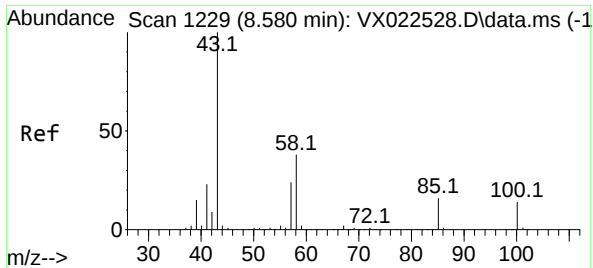
Tgt Ion: 41 Resp: 3125
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#50
Toluene-d8
Concen: 50.777 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022597.D
Acq: 09 Jun 2021 05:03

Tgt Ion: 98 Resp: 149310
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

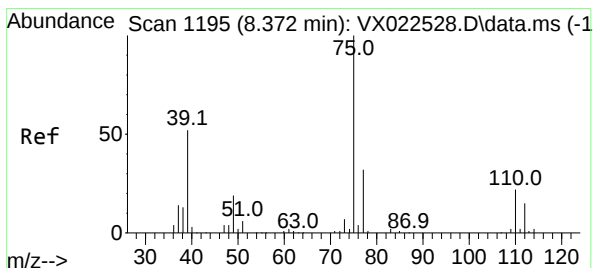
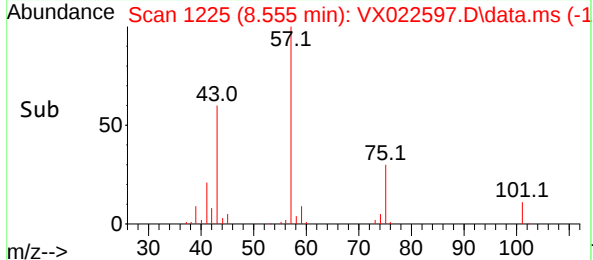
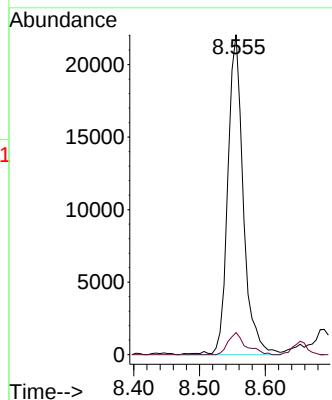
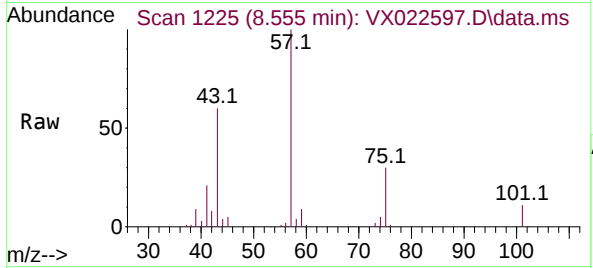




#51
4-Methyl-2-Pentanone
Concen: 24.493 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022597.D
Acq: 09 Jun 2021 05:03

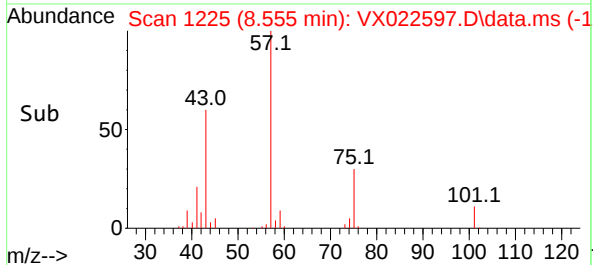
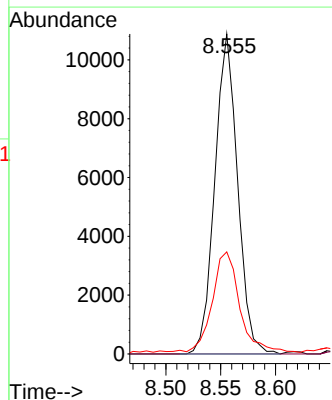
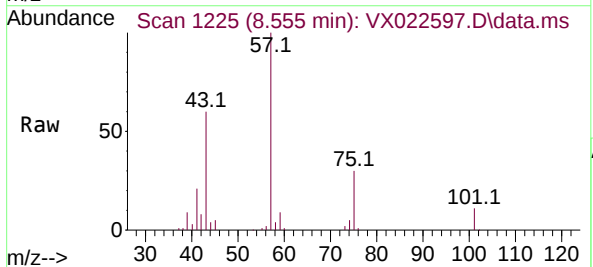
Instrument :
MSVOA_X
ClientSampled :

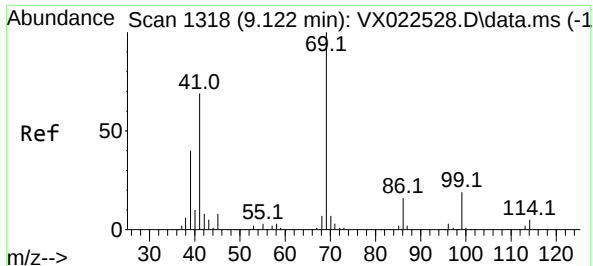
Tgt Ion: 43 Resp: 36176
Ion Ratio Lower Upper
43 100
58 7.8 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 12.183 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022597.D
Acq: 09 Jun 2021 05:03

Tgt Ion: 75 Resp: 15728
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 30.8 35.1 52.7#





#56

Ethyl methacrylate

Concen: 2.749 ug/l

RT: 9.263 min Scan# 1341

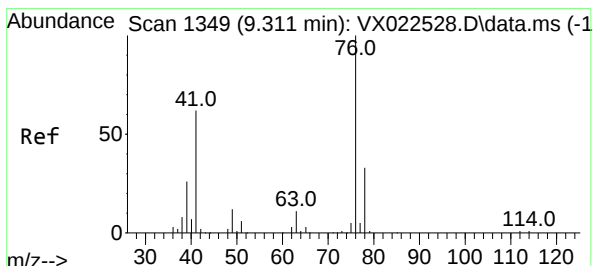
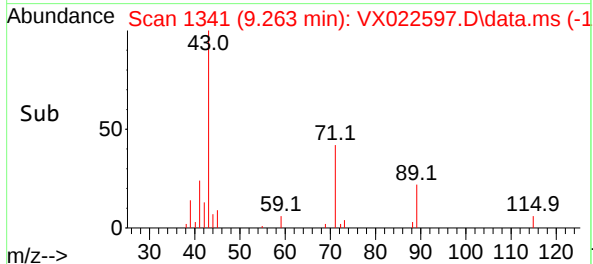
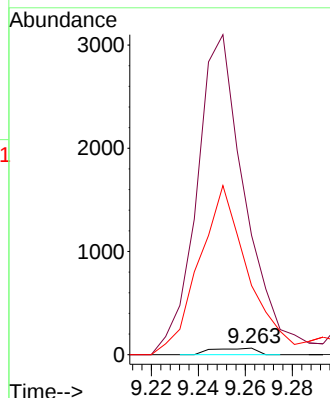
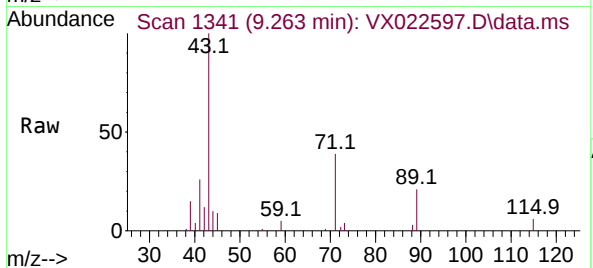
Delta R.T. 0.141 min

Lab File: VX022597.D

Acq: 09 Jun 2021 05:03

Tgt Ion:	69	Resp:	82
Ion	Ratio	Lower	Upper
69	100		
41	5501.2	46.8	70.2#
39	2967.1	24.7	37.1#

Instrument :
MSVOA_X
ClientSampled :



#57

1,3-Dichloropropane

Concen: 6.010 ug/l

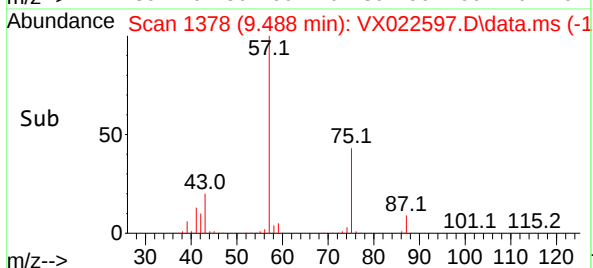
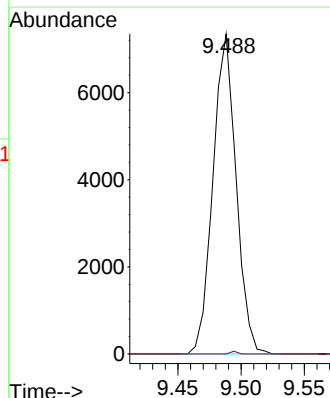
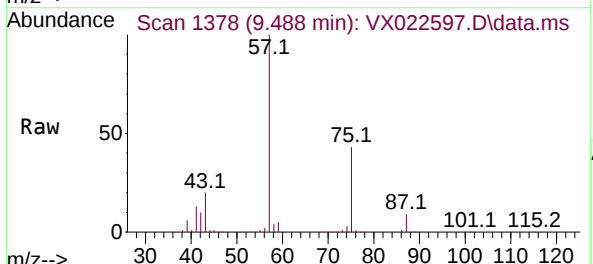
RT: 9.488 min Scan# 1378

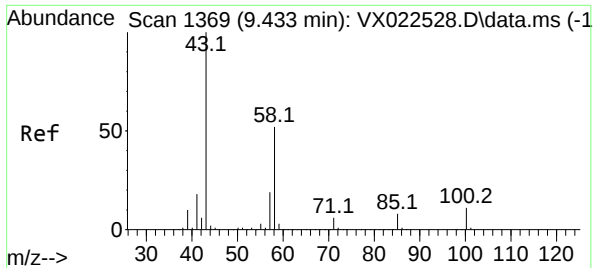
Delta R.T. 0.177 min

Lab File: VX022597.D

Acq: 09 Jun 2021 05:03

Tgt Ion:	76	Resp:	9349
Ion	Ratio	Lower	Upper
76	100		
78	0.2	26.2	39.2#

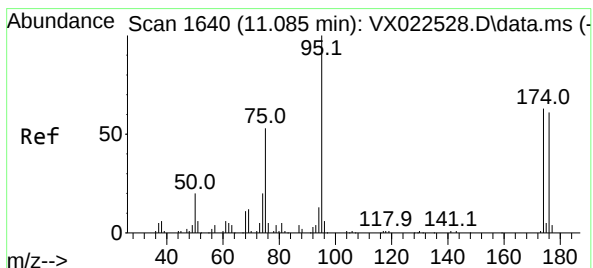
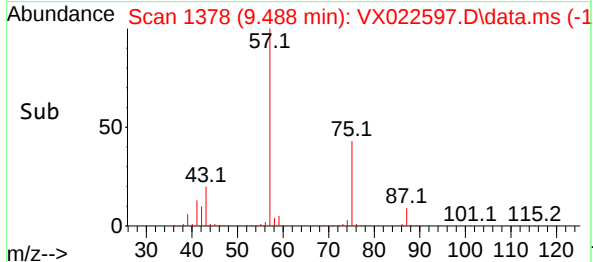
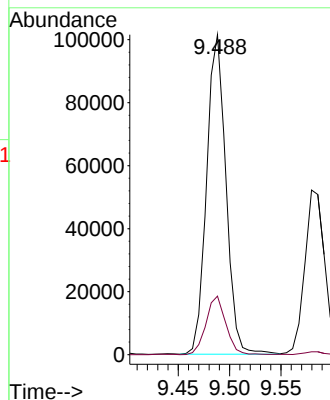
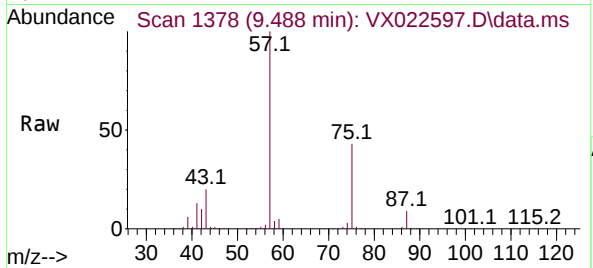




#59
2-Hexanone
Concen: 117.625 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022597.D
Acq: 09 Jun 2021 05:03

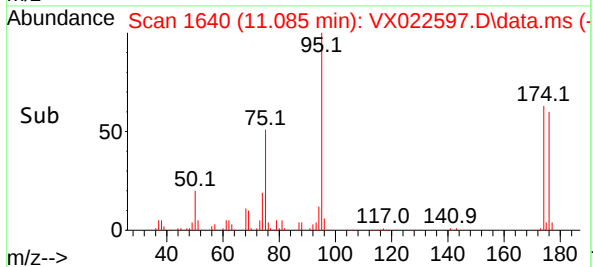
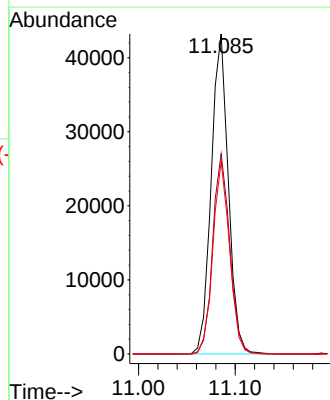
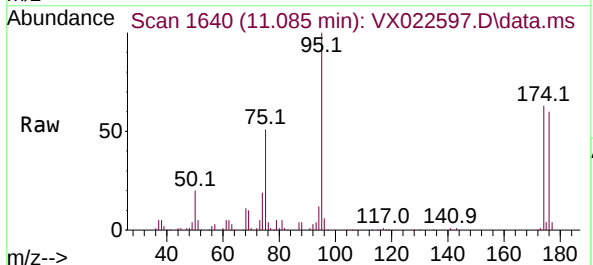
Instrument :
MSVOA_X
ClientSampleId :

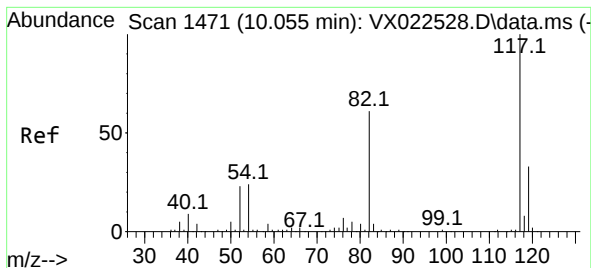
Tgt Ion: 43 Resp: 132720
Ion Ratio Lower Upper
43 100
58 18.9 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 48.586 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022597.D
Acq: 09 Jun 2021 05:03

Tgt Ion: 95 Resp: 53103
Ion Ratio Lower Upper
95 100
174 62.5 0.0 154.6
176 58.6 0.0 155.8

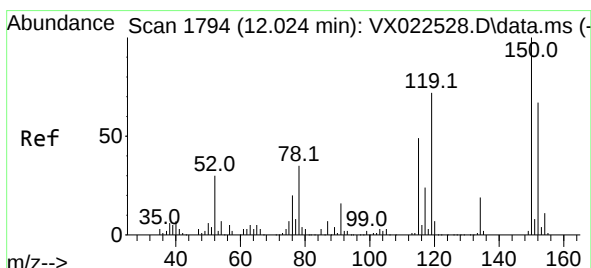
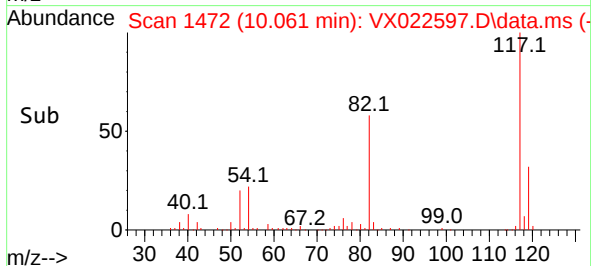
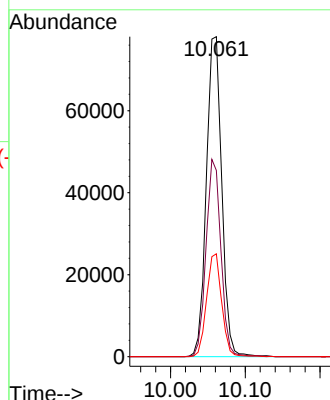
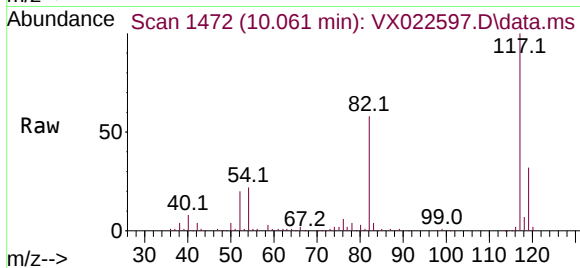




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022597.D
Acq: 09 Jun 2021 05:03

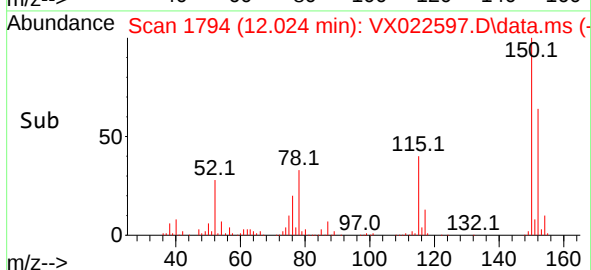
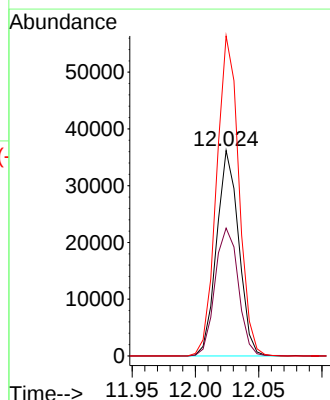
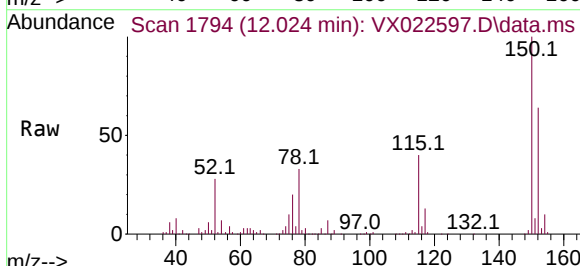
Instrument :
MSVOA_X
ClientSampled :

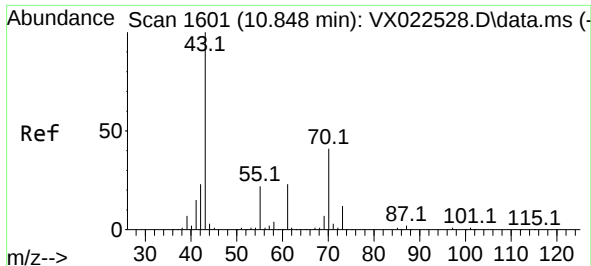
Tgt Ion:117 Resp: 111501
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022597.D
Acq: 09 Jun 2021 05:03

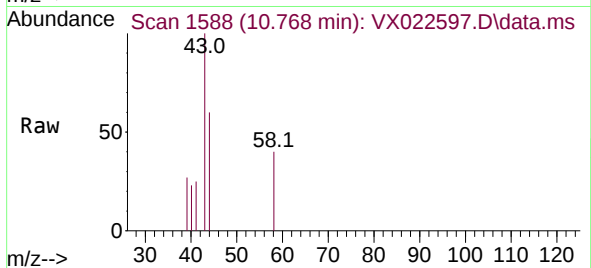
Tgt Ion:152 Resp: 43832
Ion Ratio Lower Upper
152 100
115 65.8 41.1 123.3
150 157.1 0.0 349.0



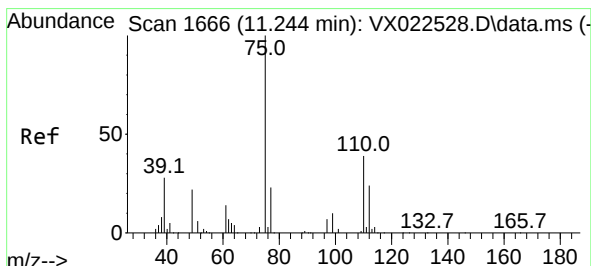
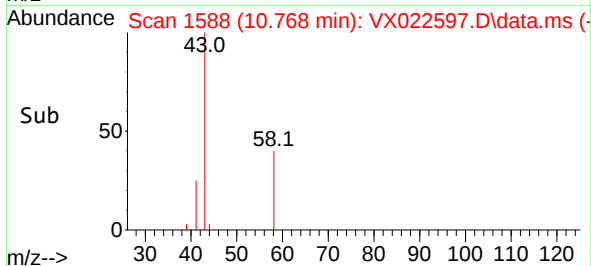
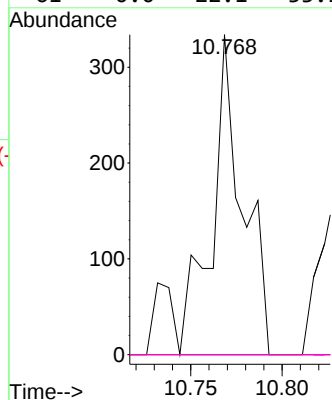


#74
N-amy1 acetate
Concen: 0.206 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX022597.D
Acq: 09 Jun 2021 05:03

Instrument :
MSVOA_X
ClientSampleId :

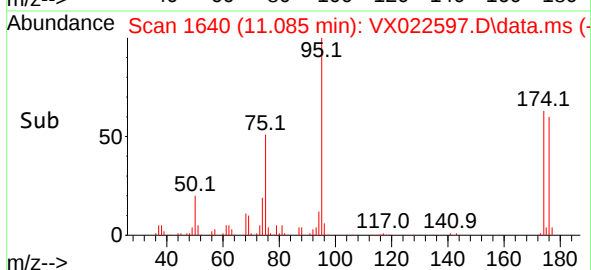
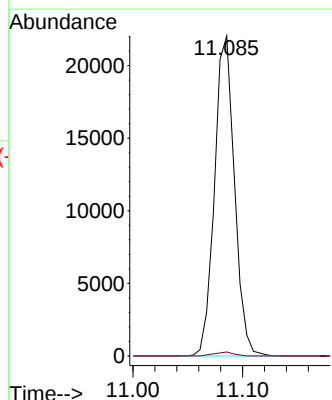
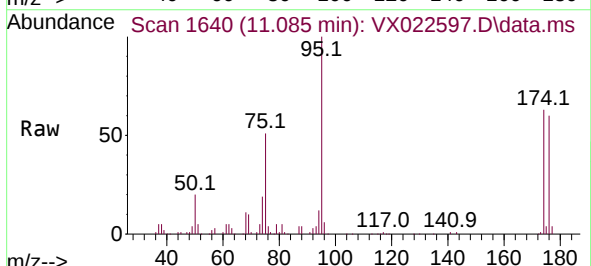


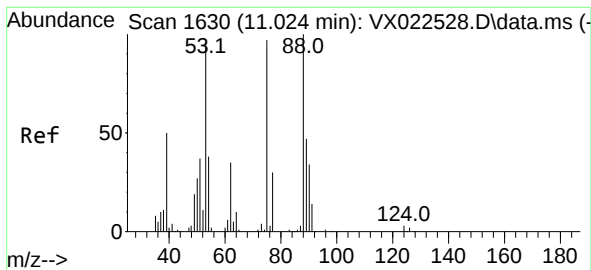
Tgt Ion: 43	Resp:	394
Ion	Ratio	Lower Upper
43	100	
70	0.0	39.0 58.6#
55	0.0	21.5 32.3#
61	0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 24.591 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022597.D
Acq: 09 Jun 2021 05:03

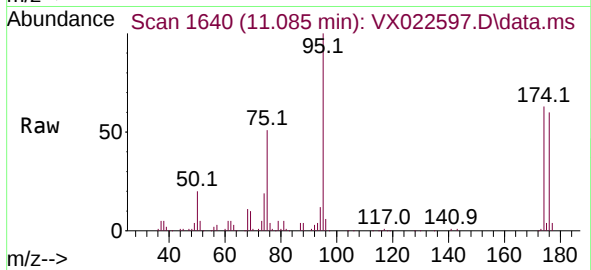
Tgt Ion: 75	Resp:	27924
Ion	Ratio	Lower Upper
75	100	
77	1.2	19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.950 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022597.D
 Acq: 09 Jun 2021 05:03

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 27924
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

