

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022594.D
 Acq On : 09 Jun 2021 03:53
 Operator : JC/MD
 Sample : M2625-33
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 06:40:47 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)

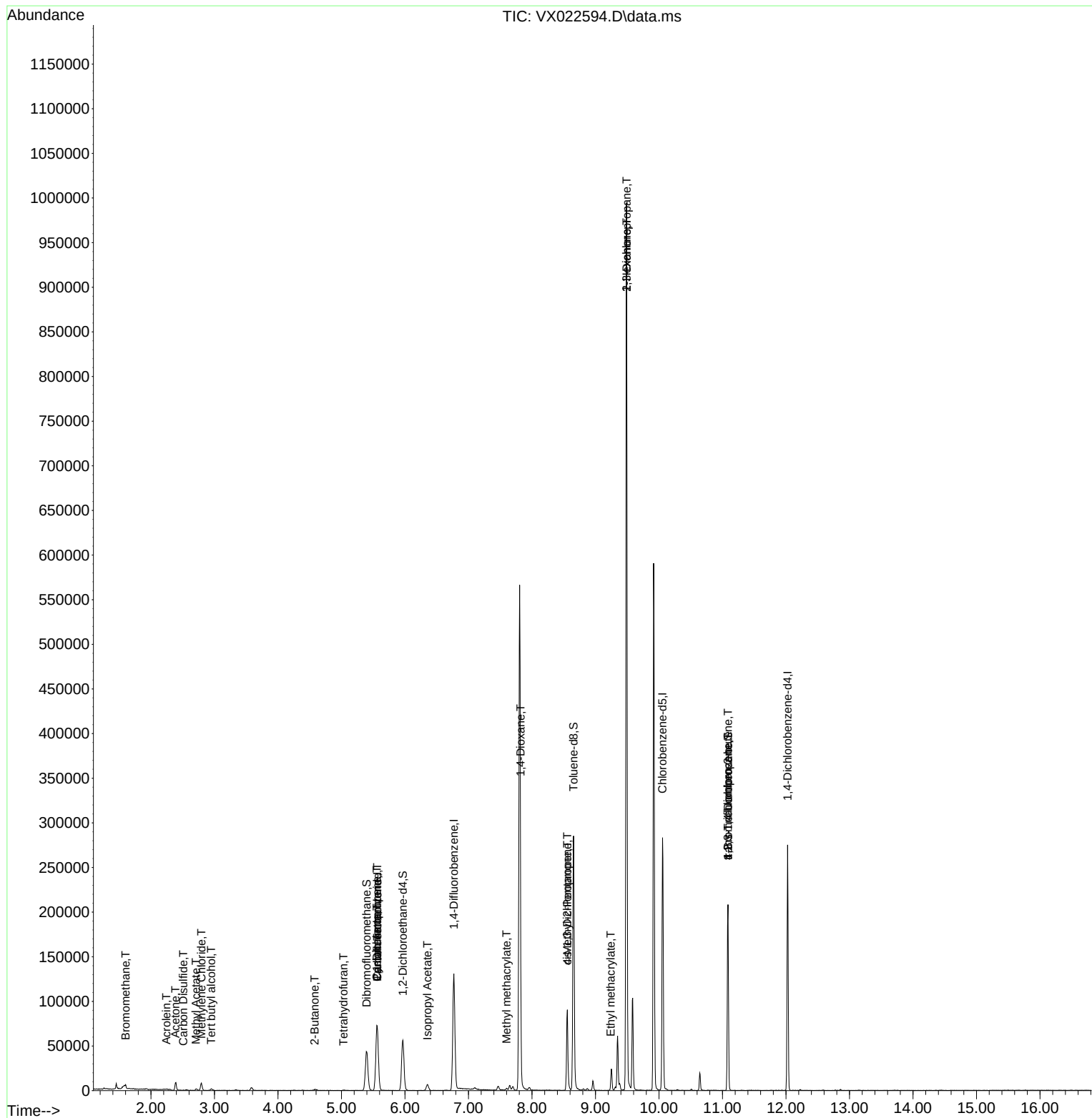
Internal Standards						
1) Pentafluorobenzene	5.562	168	61859	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	125059	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53356	48.519	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.040%
35) Dibromofluoromethane	5.397	113	37896	48.432	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.860%
50) Toluene-d8	8.653	98	161932	51.868	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.740%
62) 4-Bromofluorobenzene	11.085	95	57954	49.941	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.880%
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	237	0.530	ug/l	# 38
11) Tert butyl alcohol	2.947	59	1193	4.837	ug/l	# 73
13) Acrolein	2.240	56	202	4.815	ug/l	# 72
16) Acetone	2.386	43	9410	19.043	ug/l	91
17) Carbon Disulfide	2.508	76	127	3.444	ug/l	# 75
18) Methyl Acetate	2.709	43	2312	1.697	ug/l	# 85
20) Methylene Chloride	2.794	84	3442	3.336	ug/l	89
25) 2-Butanone	4.574	43	931	1.140	ug/l	# 69
29) Tetrahydrofuran	5.032	42	201	0.419	ug/l	# 49
31) Cyclohexane	5.556	56	1667	1.281	ug/l	# 25
36) 1,1-Dichloropropene	5.556	75	6551	5.415	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	7430	8.415	ug/l	# 17
43) Isopropyl Acetate	6.355	43	9126	3.625	ug/l	# 92
48) Methyl methacrylate	7.598	41	2826	2.413	ug/l	# 10
49) 1,4-Dioxane	7.818	88	101	4.264	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	32441	20.687	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	13998	10.631	ug/l	# 63
56) Ethyl methacrylate	9.238	69	68	2.739	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	7831	4.741	ug/l	# 42
59) 2-Hexanone	9.488	43	115284	96.231	ug/l	# 44
76) 1,2,3-Trichloropropane	11.085	75	31015	25.580	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	31015	63.167	ug/l	# 12

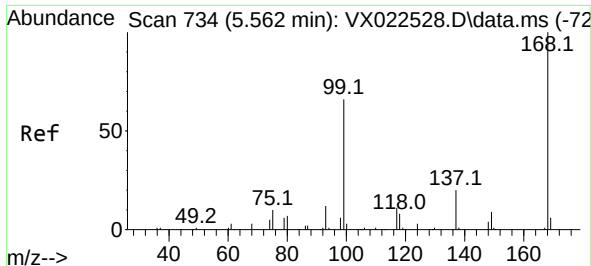
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Jun 09 06:40:47 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

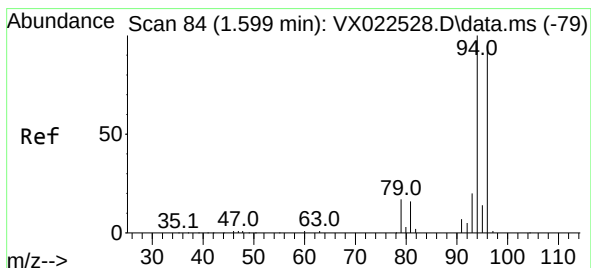
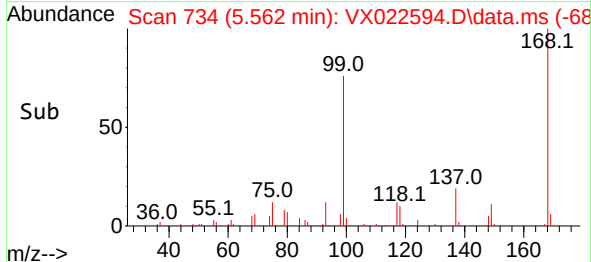
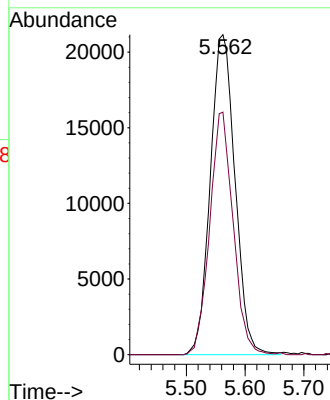
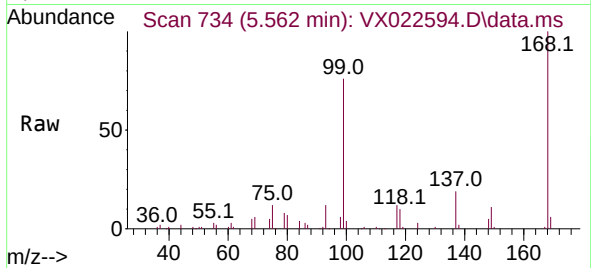




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

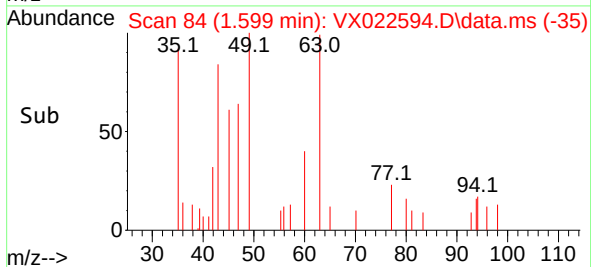
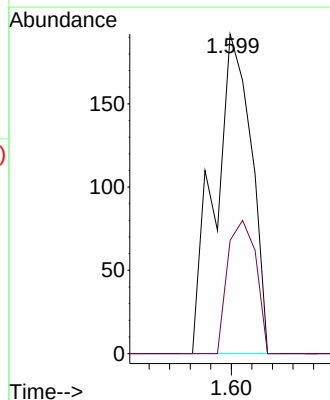
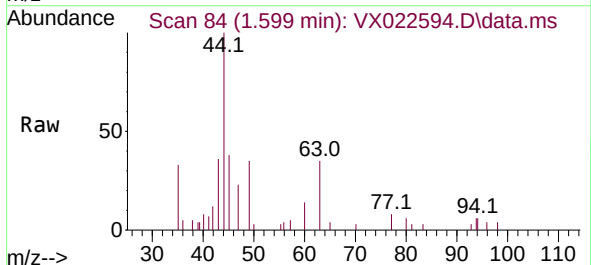
Instrument :
MSVOA_X
ClientSampled :

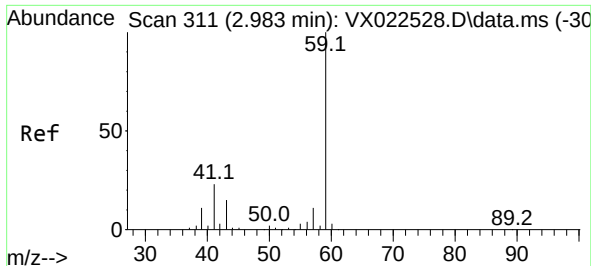
Tgt Ion:168 Resp: 61859
Ion Ratio Lower Upper
168 100
99 75.8 45.8 68.6#



#5
Bromomethane
Concen: 0.530 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

Tgt Ion: 94 Resp: 237
Ion Ratio Lower Upper
94 100
96 35.4 76.4 114.6#



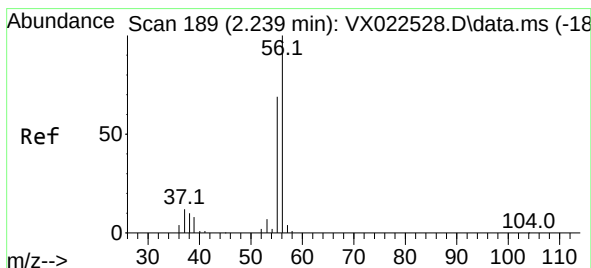
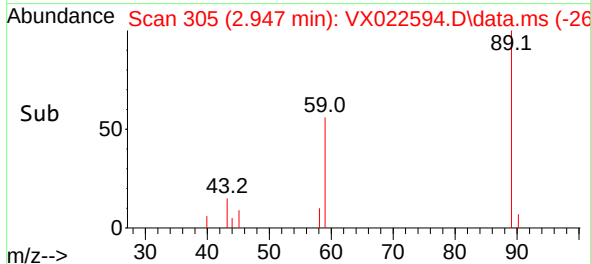
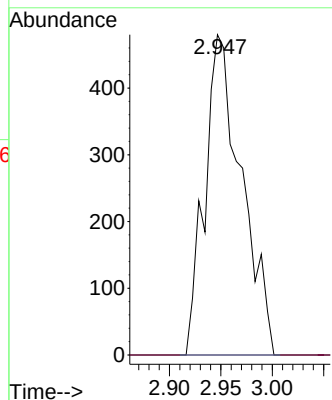
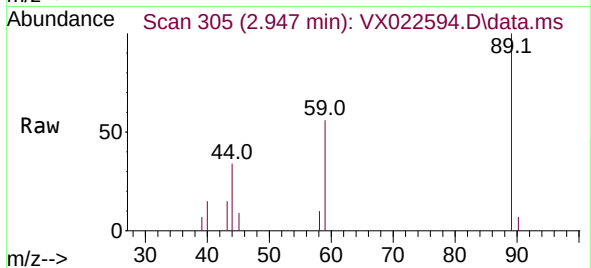


#11

Tert butyl alcohol
Concen: 4.837 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

Instrument :
MSVOA_X
ClientSampled :

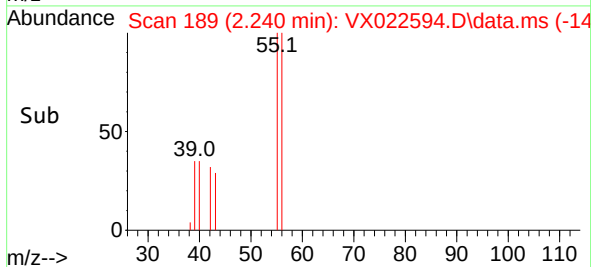
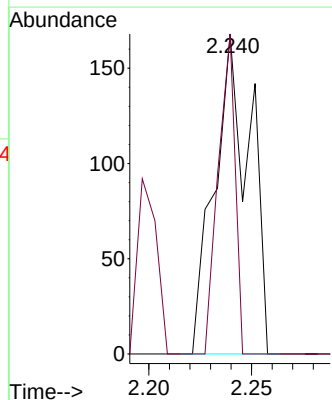
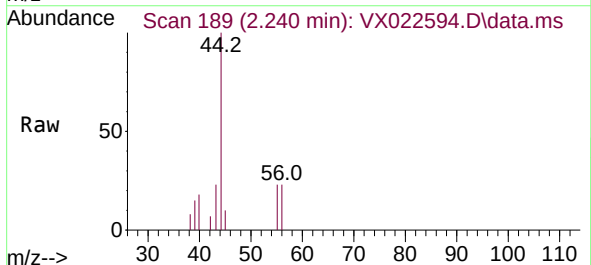
Tgt Ion: 59 Resp: 1193
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

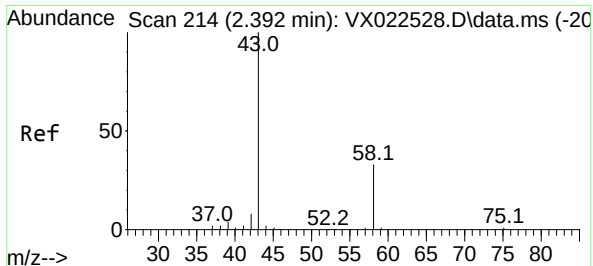


#13

Acrolein
Concen: 4.815 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

Tgt Ion: 56 Resp: 202
Ion Ratio Lower Upper
56 100
55 47.5 56.4 84.6#

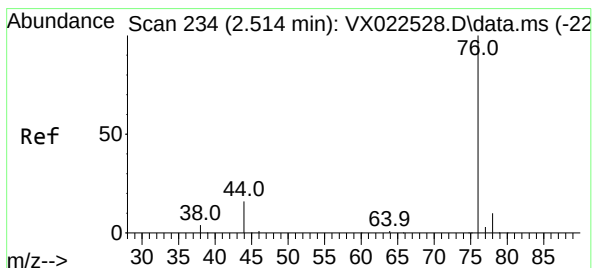
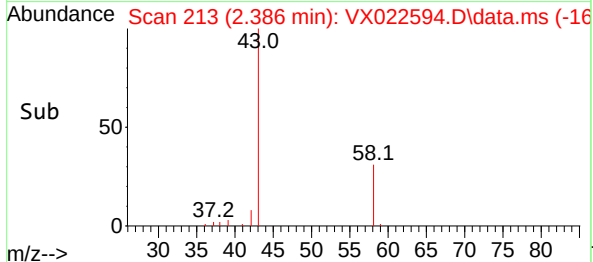
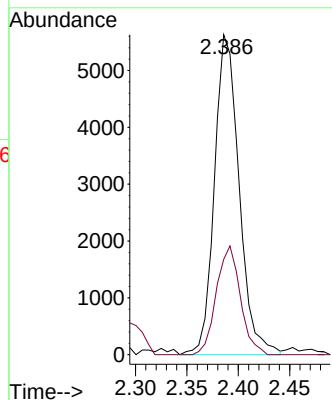
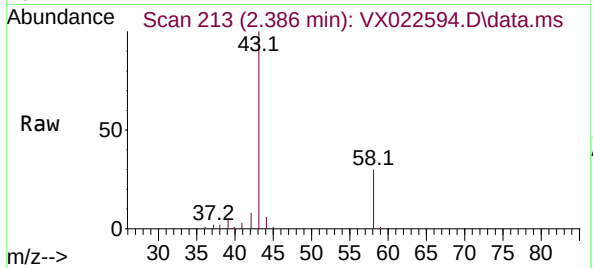




#16
Acetone
Concen: 19.043 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

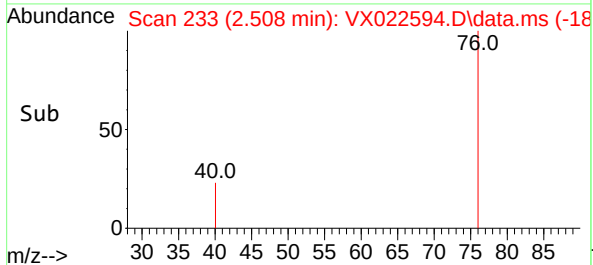
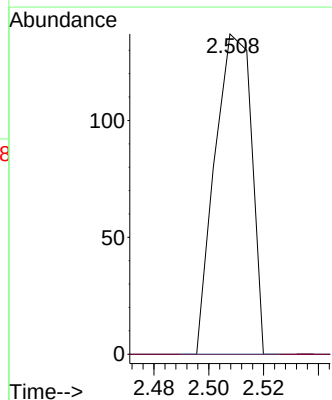
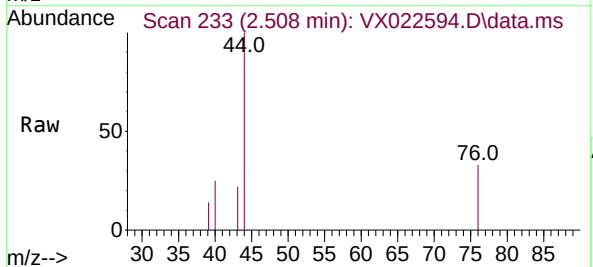
Instrument :
MSVOA_X
ClientSampled :

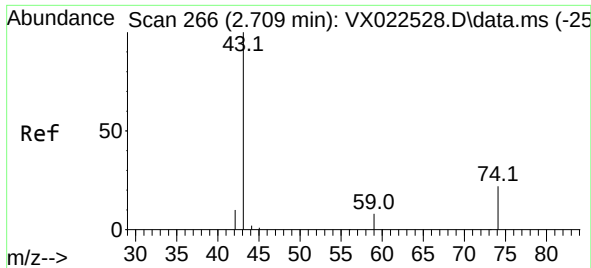
Tgt Ion: 43 Resp: 9410
Ion Ratio Lower Upper
43 100
58 29.8 27.8 41.8



#17
Carbon Disulfide
Concen: 3.444 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

Tgt Ion: 76 Resp: 127
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

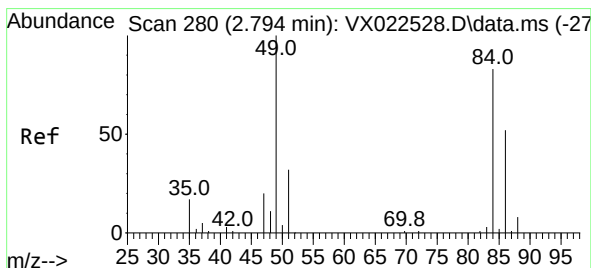
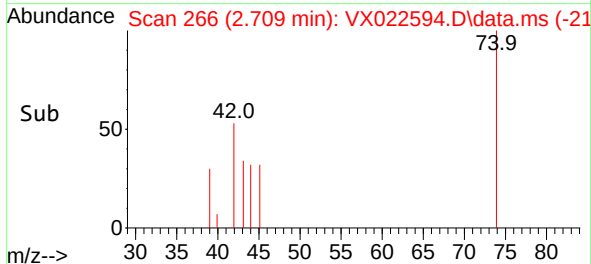
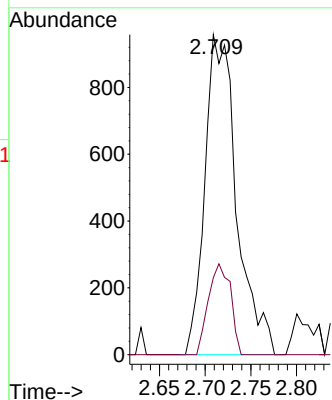
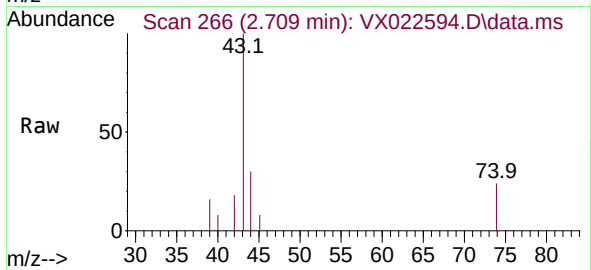




#18
Methyl Acetate
Concen: 1.697 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

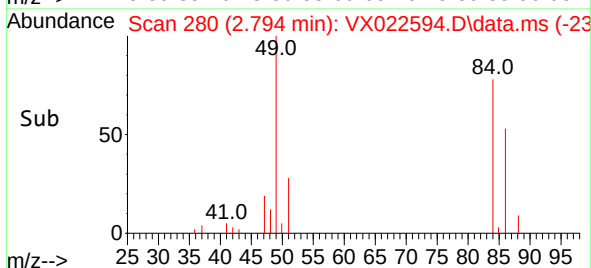
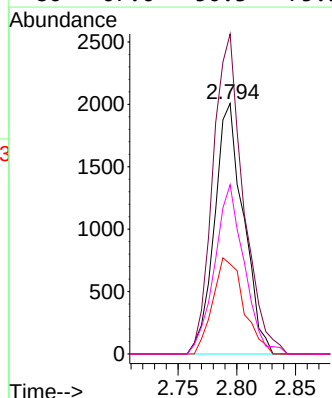
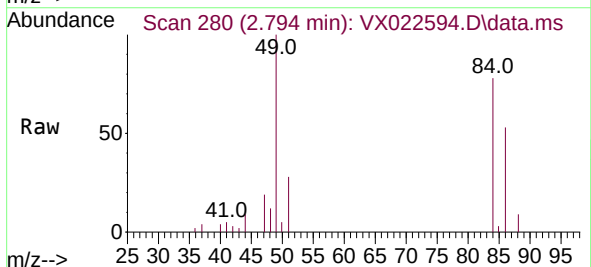
Instrument :
MSVOA_X
ClientSampled :

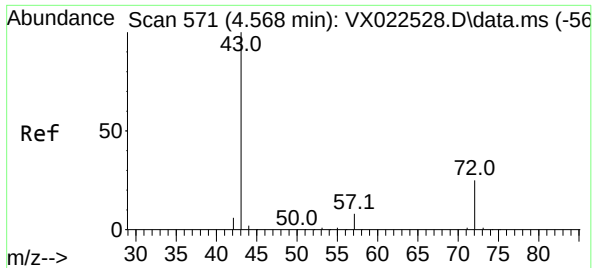
Tgt Ion: 43 Resp: 2312
Ion Ratio Lower Upper
43 100
74 19.7 21.9 32.9#



#20
Methylene Chloride
Concen: 3.336 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

Tgt Ion: 84 Resp: 3442
Ion Ratio Lower Upper
84 100
49 127.8 88.6 132.8
51 35.9 27.0 40.6
86 67.6 50.3 75.5

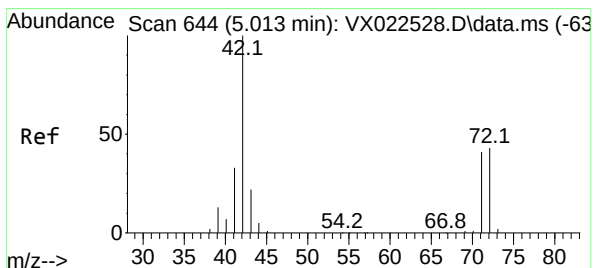
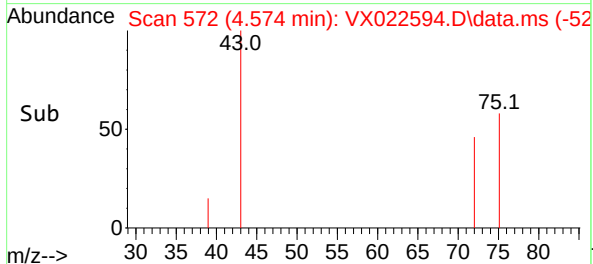
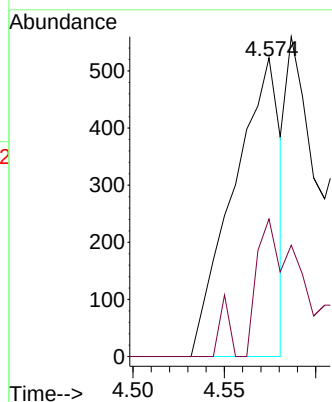
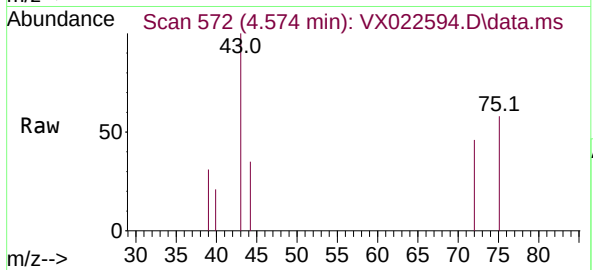




#25
2-Butanone
Concen: 1.140 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

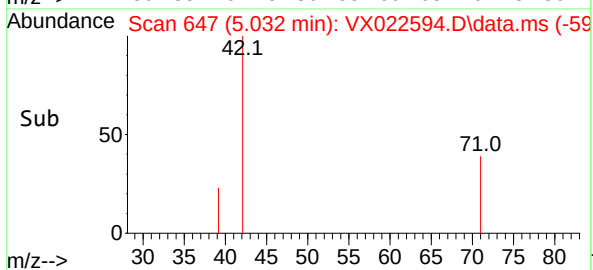
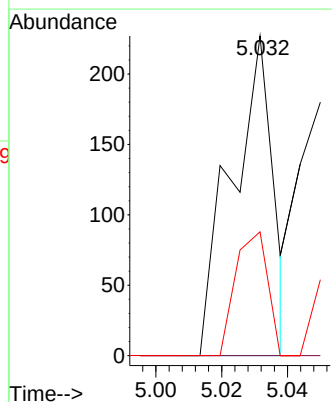
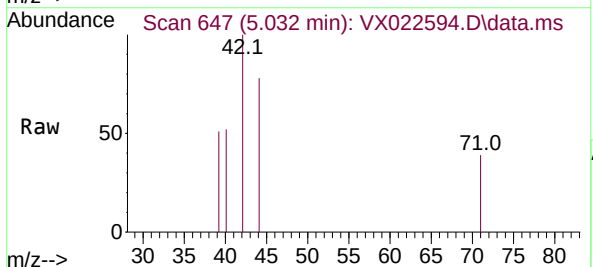
Instrument :
MSVOA_X
ClientSampled :

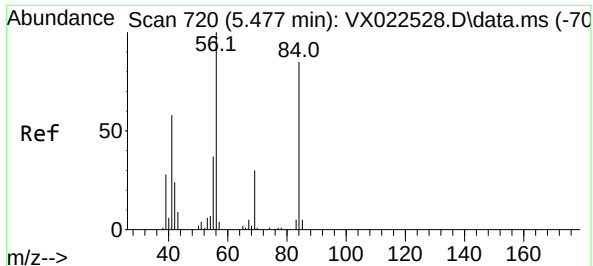
Tgt Ion: 43 Resp: 931
Ion Ratio Lower Upper
43 100
72 46.1 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.419 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

Tgt Ion: 42 Resp: 201
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 29.9 38.4 57.6#

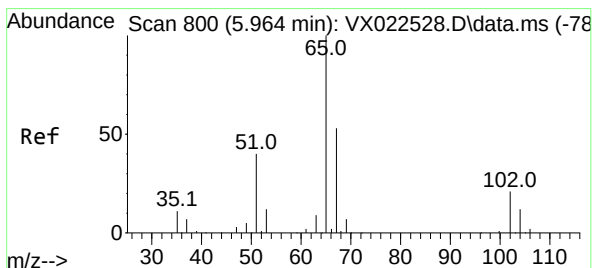
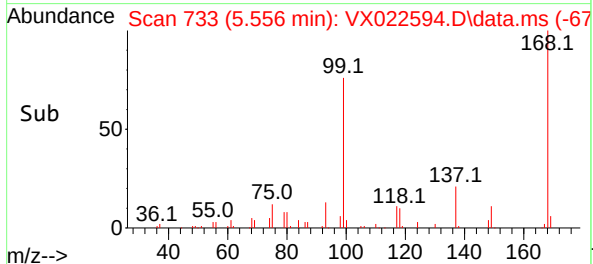
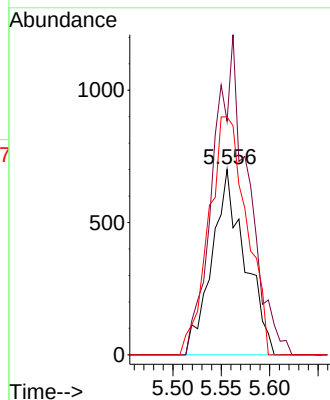
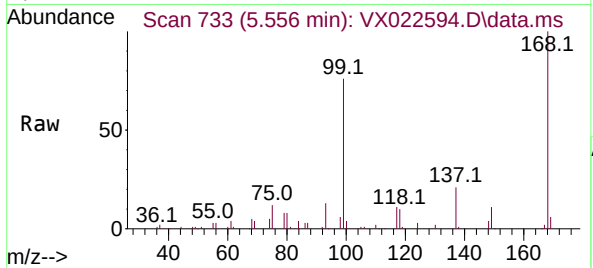




#31
Cyclohexane
Concen: 1.281 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

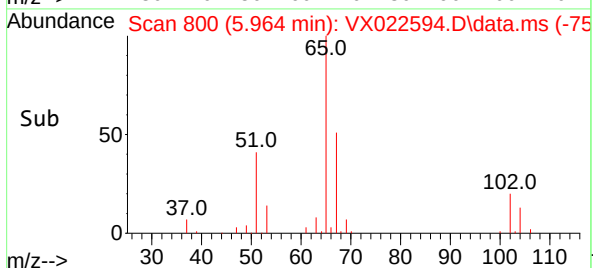
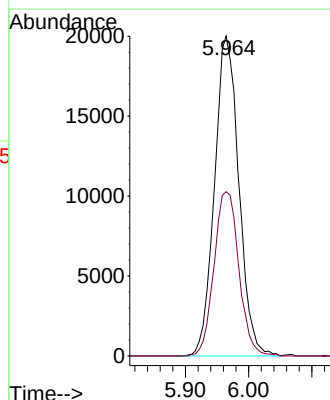
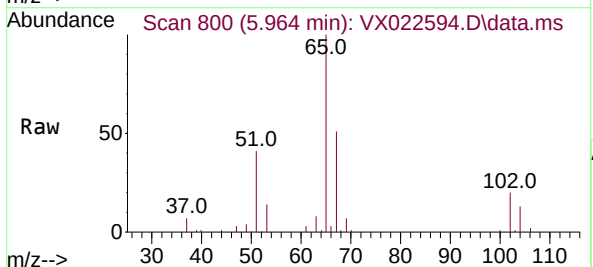
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MSVOA_X
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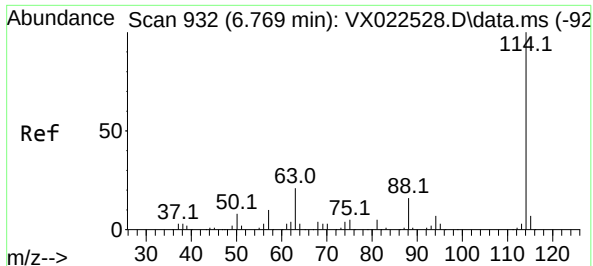
Tgt Ion: 56 Resp: 1667
Ion Ratio Lower Upper
56 100
69 126.0 25.3 37.9#
84 128.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.519 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

Tgt Ion: 65 Resp: 53356
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

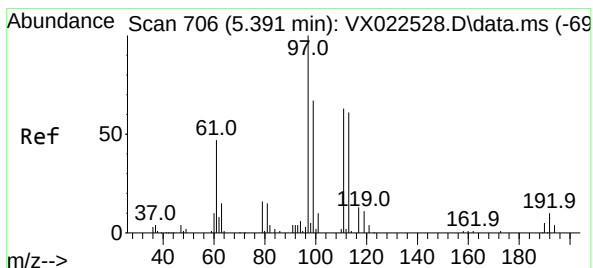
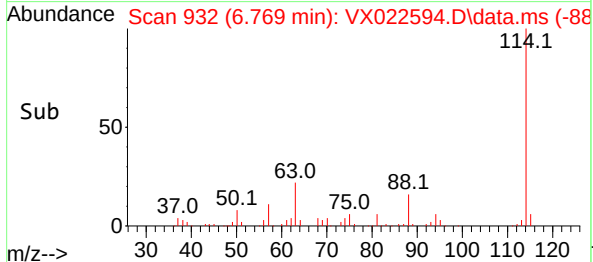
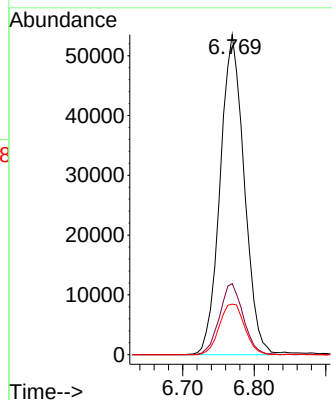
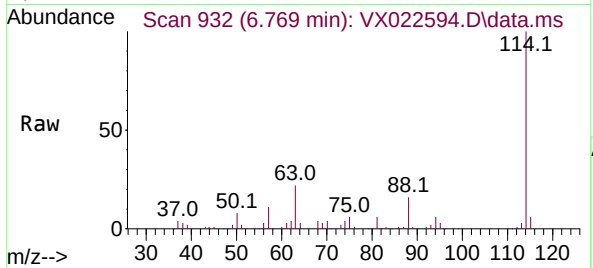




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

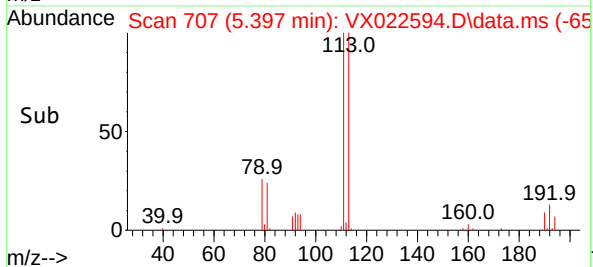
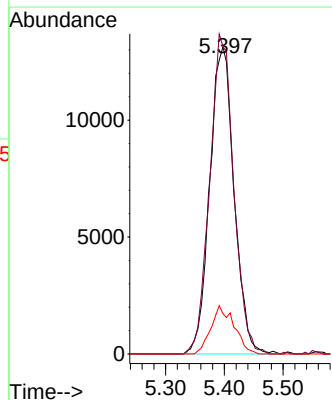
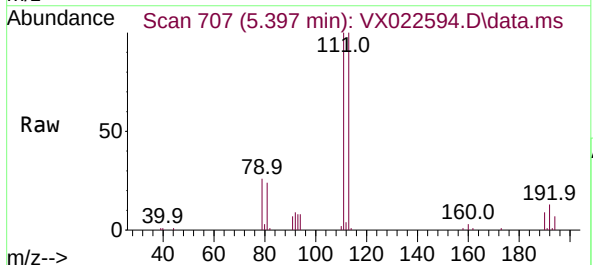
Instrument :
MSVOA_X
ClientSampled :

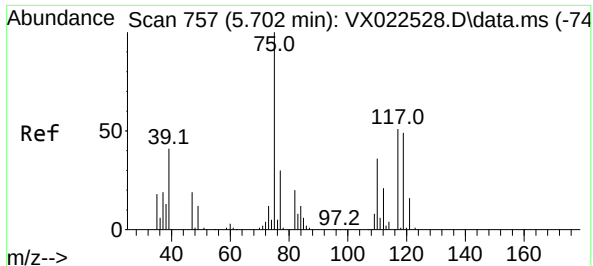
Tgt Ion:114 Resp: 125059
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.432 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

Tgt Ion:113 Resp: 37896
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 15.0 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.415 ug/l

RT: 5.556 min Scan# 733

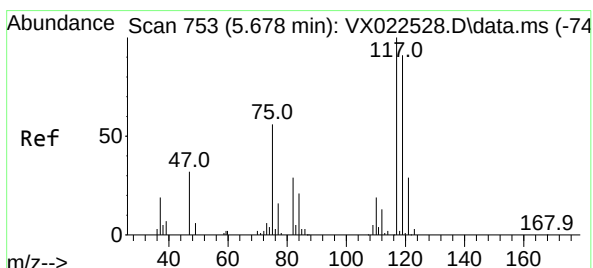
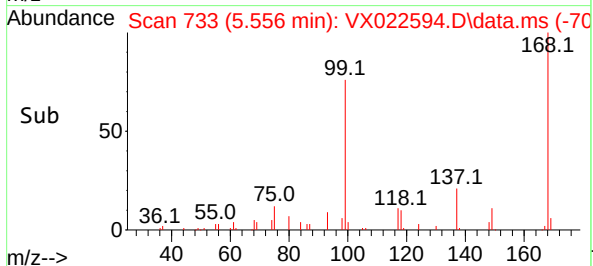
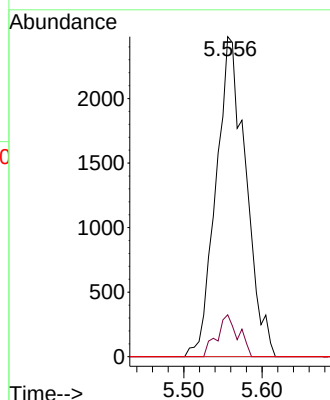
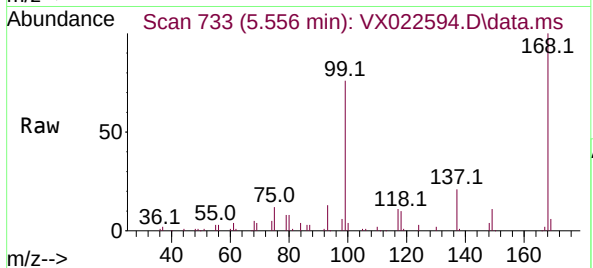
Delta R.T. -0.146 min

Lab File: VX022594.D

Acq: 09 Jun 2021 03:53

Tgt Ion: 75	Resp: 6551
Ion Ratio	Lower Upper
75 100	
110 9.4	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 8.415 ug/l

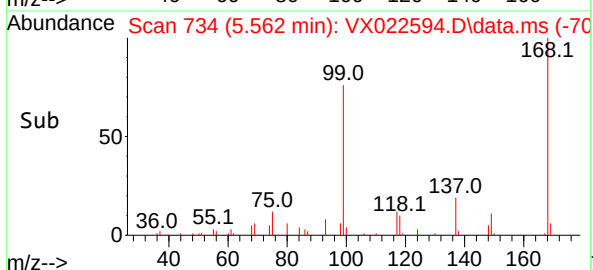
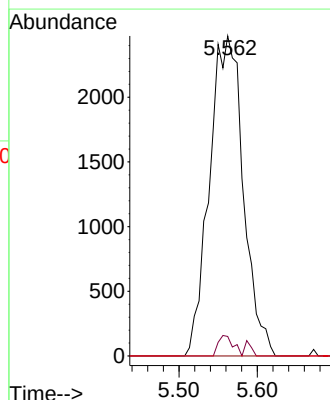
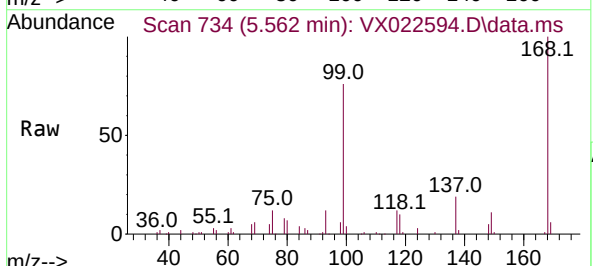
RT: 5.562 min Scan# 734

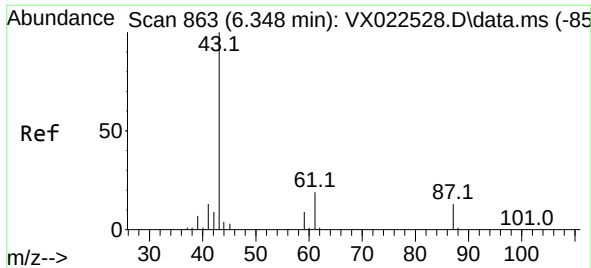
Delta R.T. -0.116 min

Lab File: VX022594.D

Acq: 09 Jun 2021 03:53

Tgt Ion: 117	Resp: 7430
Ion Ratio	Lower Upper
117 100	
119 6.1	76.2 114.2#
121 0.0	24.8 37.2#

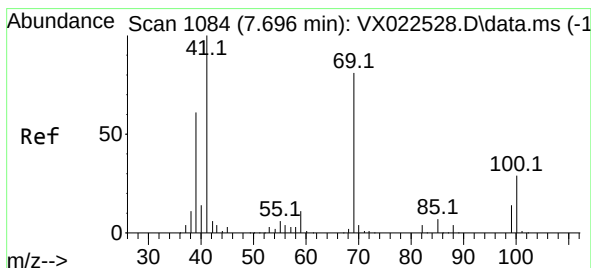
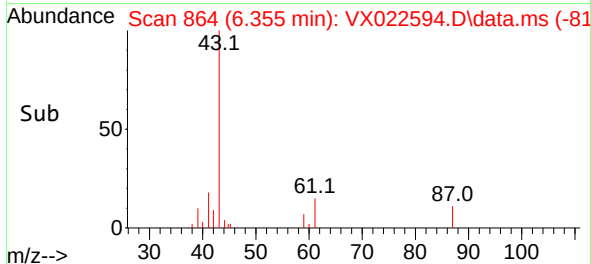
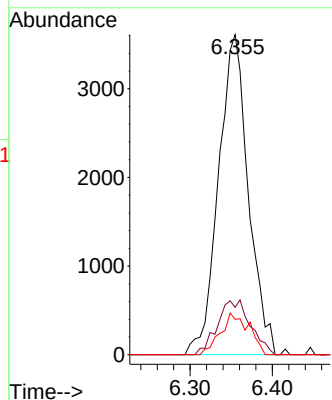
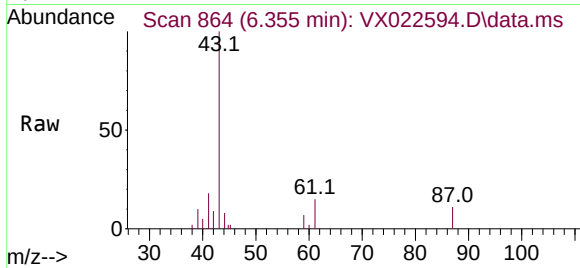




#43
Isopropyl Acetate
Concen: 3.625 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.007 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

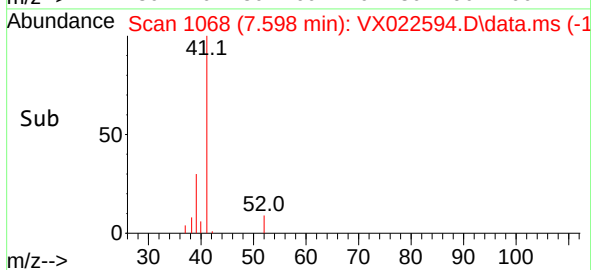
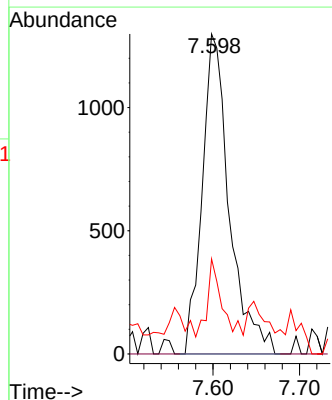
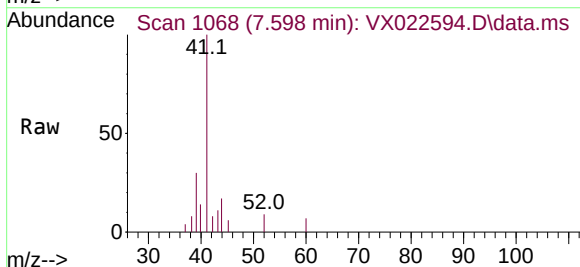
Instrument :
MSVOA_X
ClientSampled :

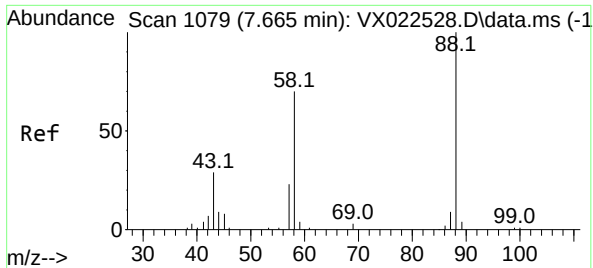
Tgt Ion: 43	Resp: 9126
Ion Ratio	Lower Upper
43	100
61	18.9 18.2 27.4
87	12.3 12.5 18.7#



#48
Methyl methacrylate
Concen: 2.413 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

Tgt Ion: 41	Resp: 2826
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: 4.264 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.153 min

Lab File: VX022594.D

Acq: 09 Jun 2021 03:53

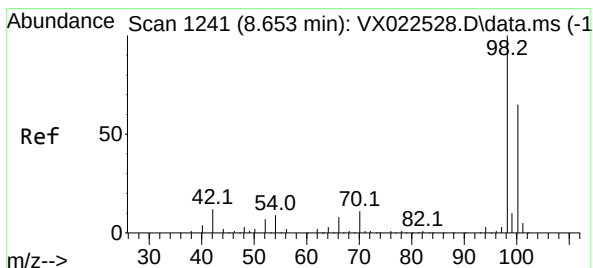
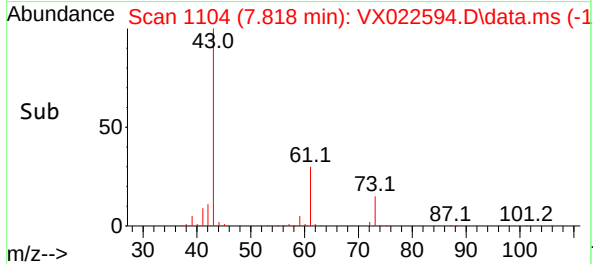
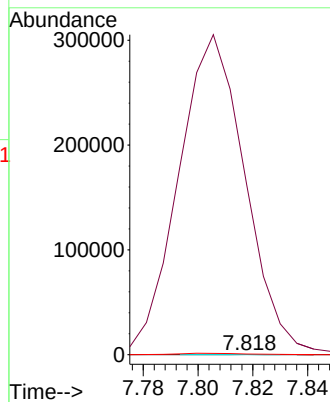
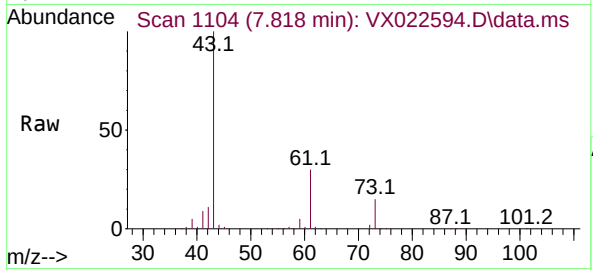
Tgt Ion: 88 Resp: 101

Ion Ratio Lower Upper

88 100

43 518962.4 23.2 34.8#

58 2258.4 55.0 82.4#



#50

Toluene-d8

Concen: 51.868 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022594.D

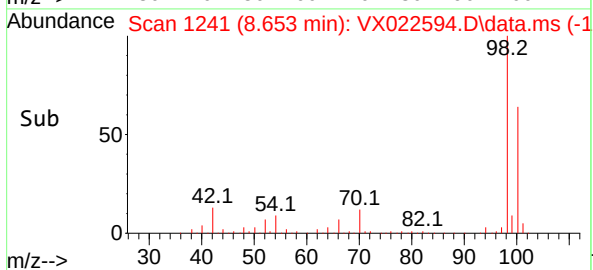
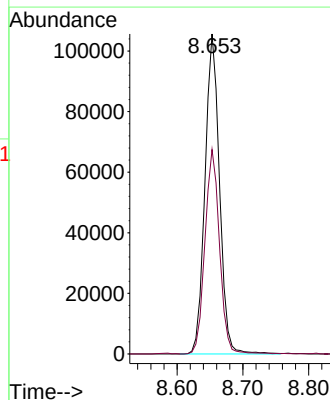
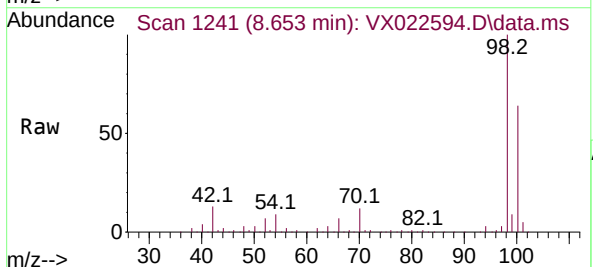
Acq: 09 Jun 2021 03:53

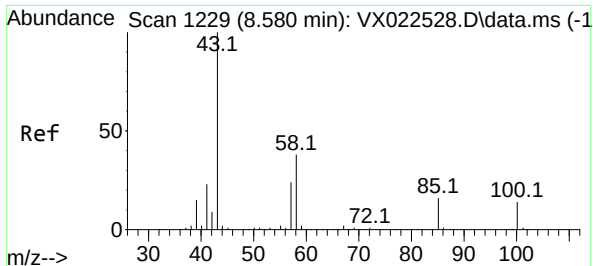
Tgt Ion: 98 Resp: 161932

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9

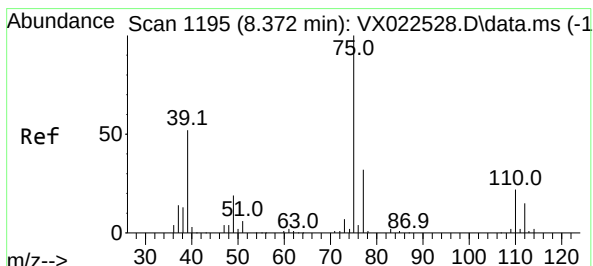
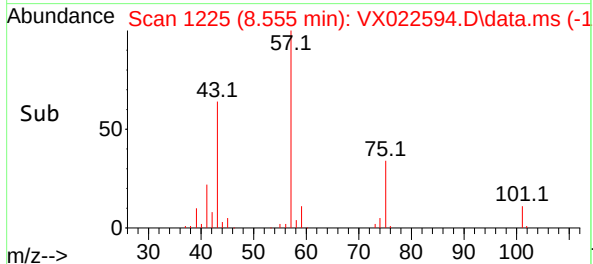
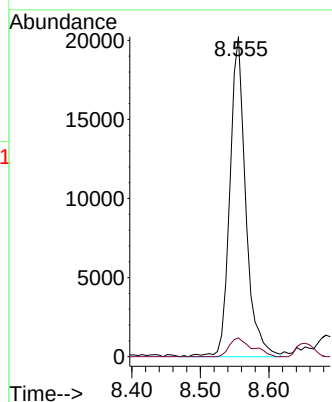
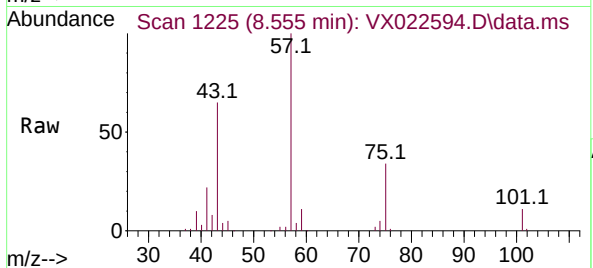




#51
4-Methyl-2-Pentanone
Concen: 20.687 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

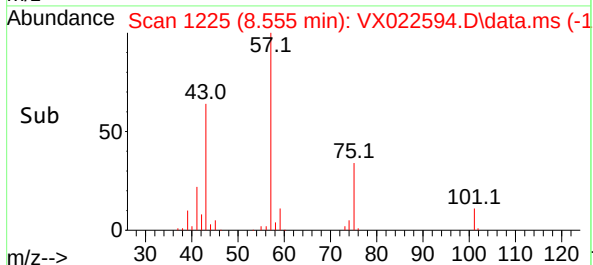
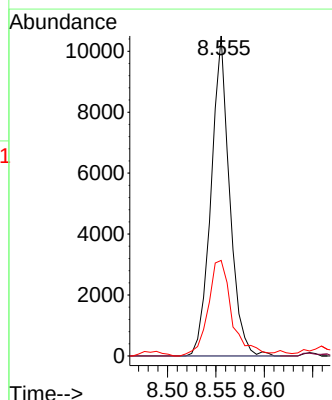
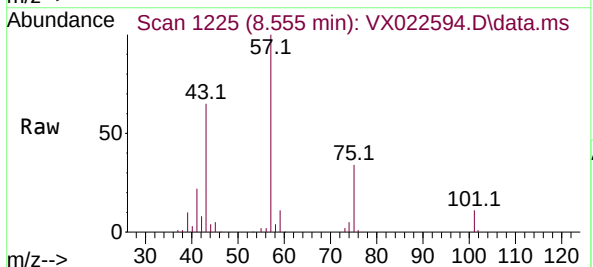
Instrument :
MSVOA_X
ClientSampled :

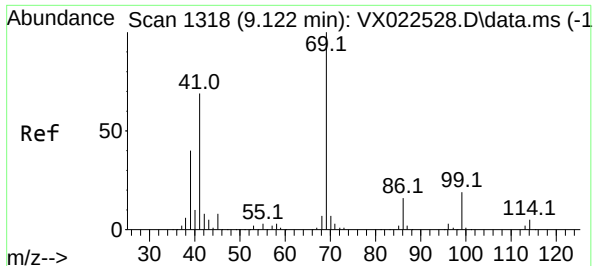
Tgt Ion: 43 Resp: 32441
Ion Ratio Lower Upper
43 100
58 8.4 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 10.631 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

Tgt Ion: 75 Resp: 13998
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 29.8 35.1 52.7#





#56

Ethyl methacrylate

Concen: 2.739 ug/l

RT: 9.238 min Scan# 1337

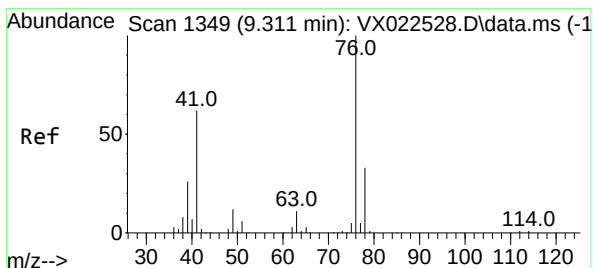
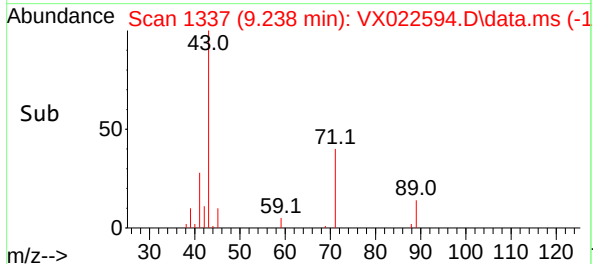
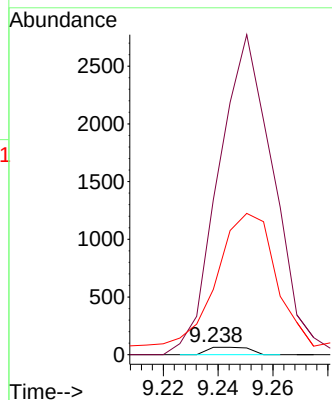
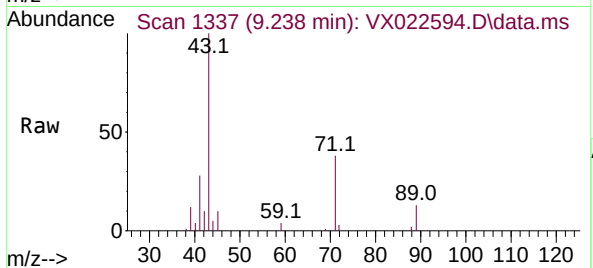
Delta R.T. 0.116 min

Lab File: VX022594.D

Acq: 09 Jun 2021 03:53

Tgt Ion:	69	Resp:	68
Ion	Ratio	Lower	Upper
69	100		
41	5697.1	46.8	70.2#
39	2500.0	24.7	37.1#

Instrument :
MSVOA_X
ClientSampled :



#57

1,3-Dichloropropane

Concen: 4.741 ug/l

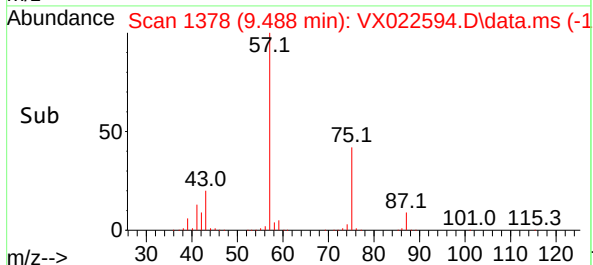
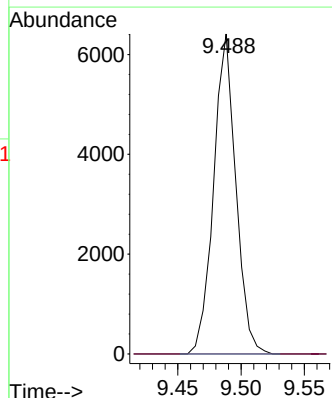
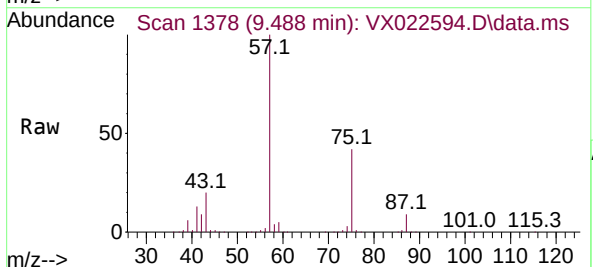
RT: 9.488 min Scan# 1378

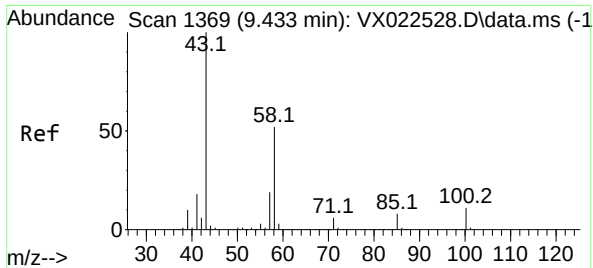
Delta R.T. 0.177 min

Lab File: VX022594.D

Acq: 09 Jun 2021 03:53

Tgt Ion:	76	Resp:	7831
Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.2#

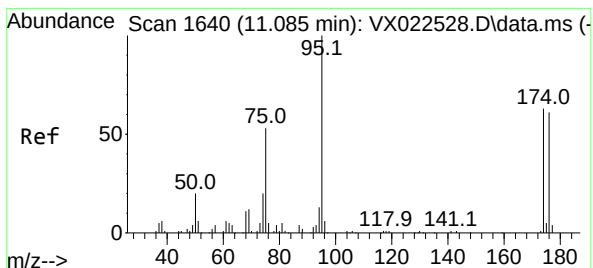
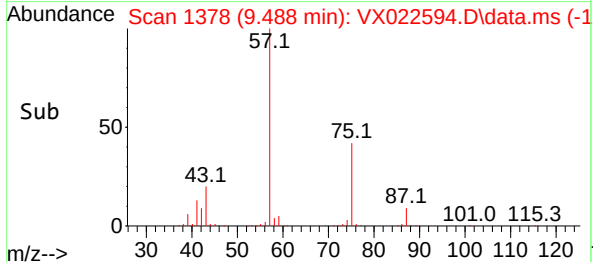
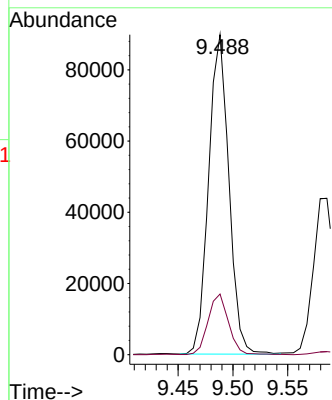
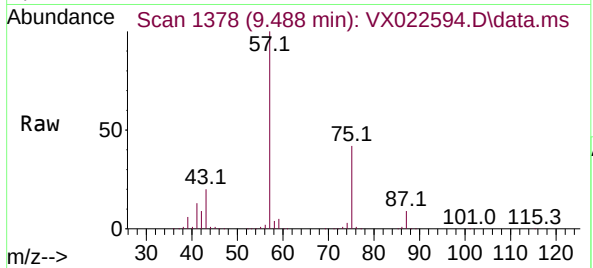




#59
2-Hexanone
Concen: 96.231 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

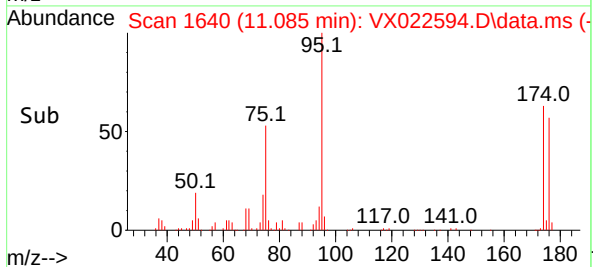
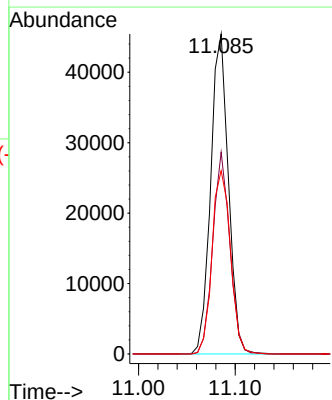
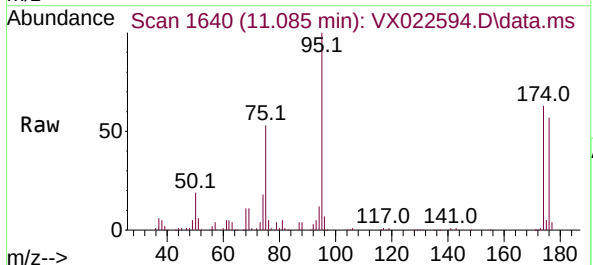
Instrument :
MSVOA_X
ClientSampled :

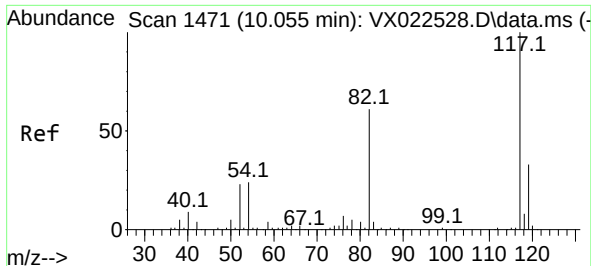
Tgt Ion: 43 Resp: 115284
Ion Ratio Lower Upper
43 100
58 19.2 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 49.941 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

Tgt Ion: 95 Resp: 57954
Ion Ratio Lower Upper
95 100
174 60.5 0.0 154.6
176 59.6 0.0 155.8

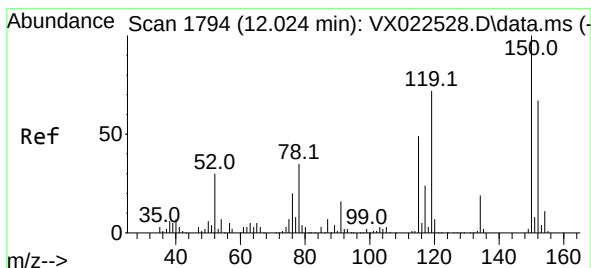
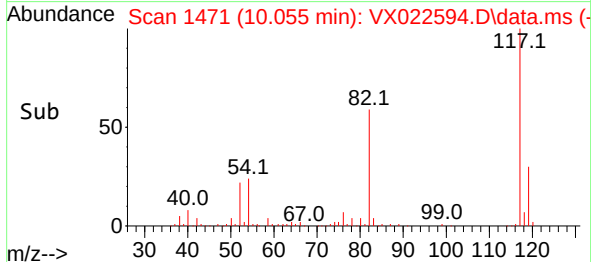
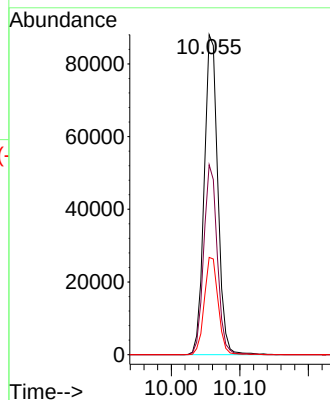
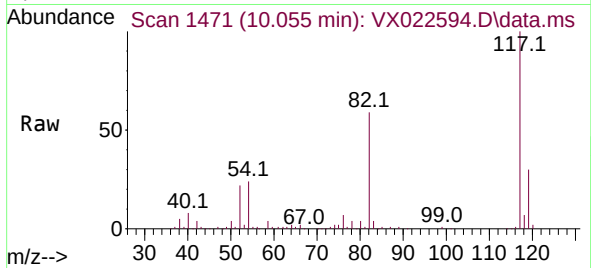




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

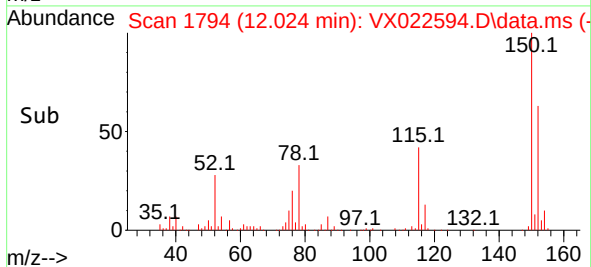
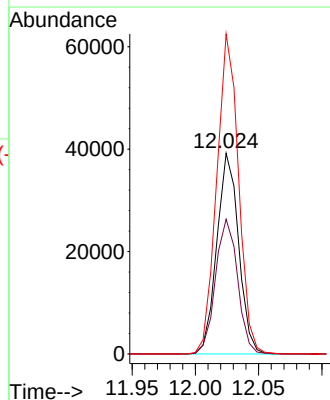
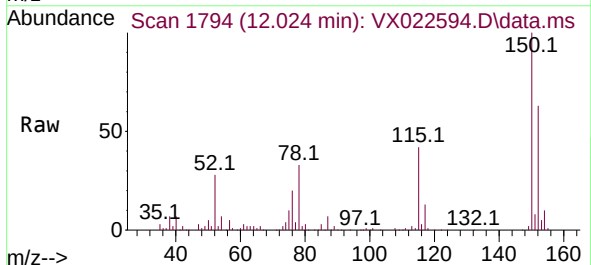
Instrument :
MSVOA_X
ClientSampled :

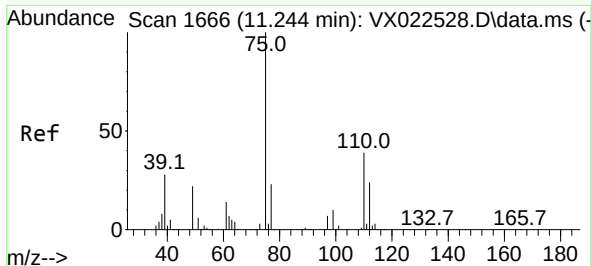
Tgt Ion:117 Resp: 121561
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 30.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

Tgt Ion:152 Resp: 46802
Ion Ratio Lower Upper
152 100
115 68.2 41.1 123.3
150 159.7 0.0 349.0

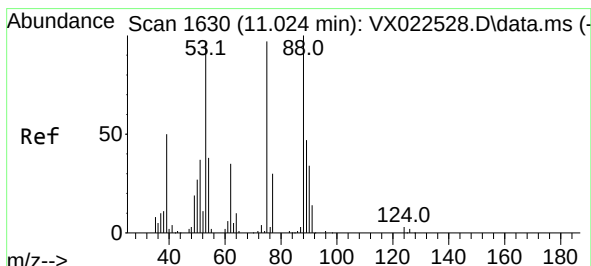
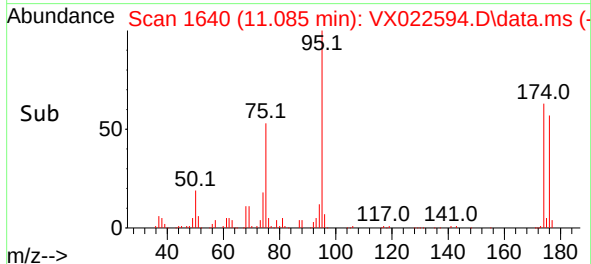
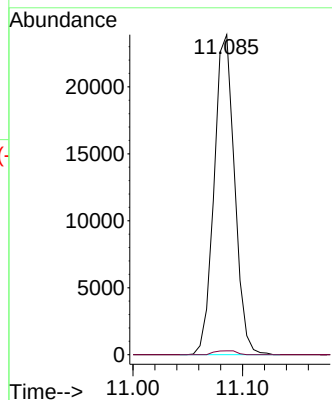
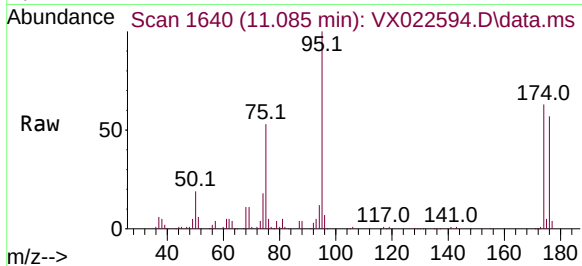




#76
1,2,3-Trichloropropane
Concen: 25.580 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 31015
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.167 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022594.D
Acq: 09 Jun 2021 03:53

Tgt Ion: 75 Resp: 31015
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

