

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023060.D
 Acq On : 01 Jul 2021 02:42
 Operator : JC/MD
 Sample : PB137429ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

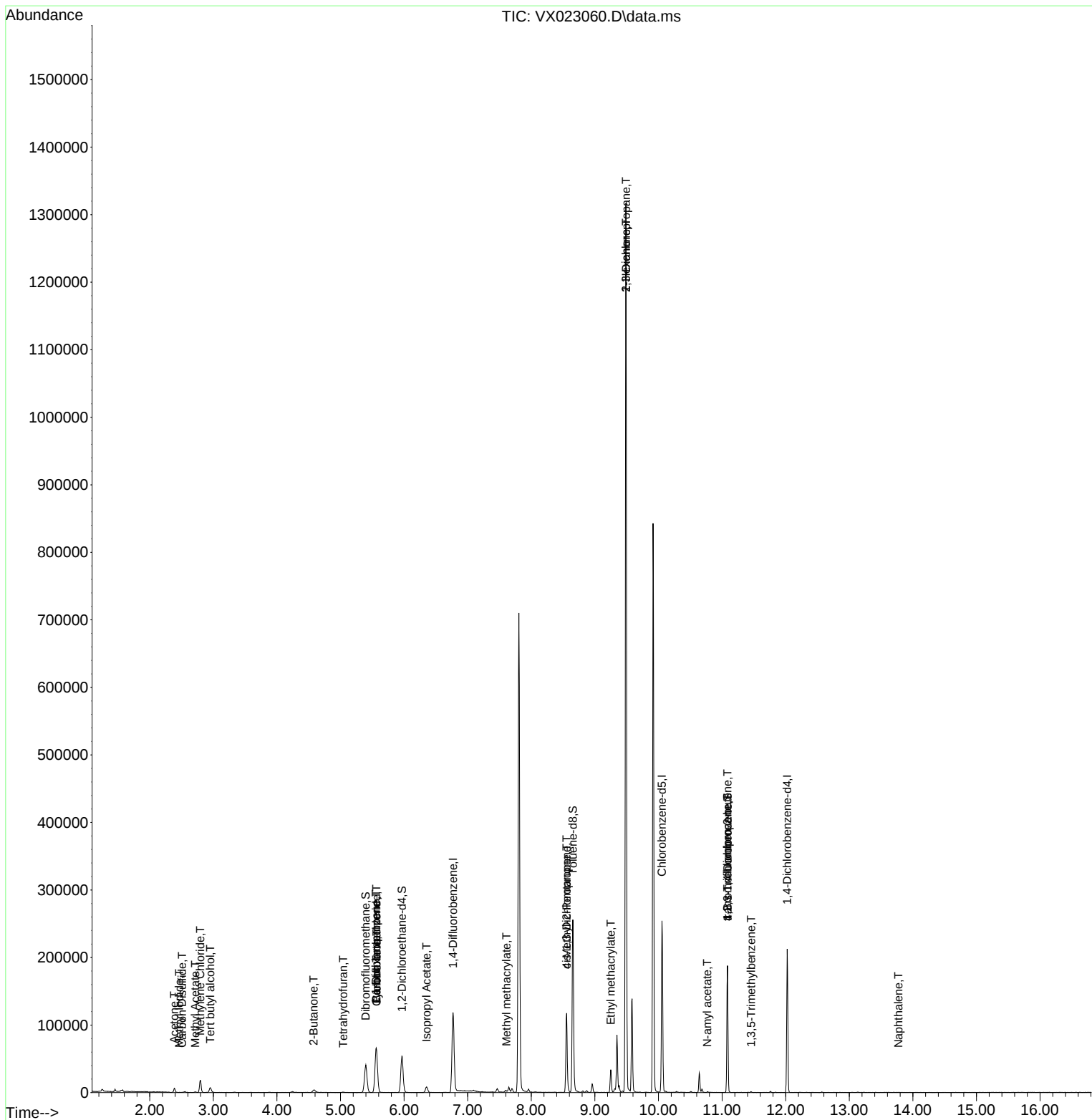
Quant Time: Jul 01 03:30:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	52419	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	109408	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50407	52.988	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.980%	
35) Dibromofluoromethane	5.397	113	33785	48.628	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.260%	
50) Toluene-d8	8.653	98	138952	51.030	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.060%	
62) 4-Bromofluorobenzene	11.085	95	48270	47.500	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.000%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	114	4.007	ug/l	# 42
11) Tert butyl alcohol	2.953	59	4934	24.886	ug/l	# 76
16) Acetone	2.386	43	6608	15.669	ug/l	# 87
17) Carbon Disulfide	2.508	76	124	3.578	ug/l	# 75
18) Methyl Acetate	2.715	43	1180	1.137	ug/l	# 80
20) Methylene Chloride	2.794	84	7455	9.219	ug/l	# 84
25) 2-Butanone	4.574	43	3475	5.299	ug/l	# 69
29) Tetrahydrofuran	5.044	42	557	1.320	ug/l	# 43
31) Cyclohexane	5.568	56	1875	1.396	ug/l	# 55
36) 1,1-Dichloropropene	5.556	75	5873	5.054	ug/l	# 47
38) Carbon Tetrachloride	5.562	117	6566	6.736	ug/l	# 19
43) Isopropyl Acetate	6.354	43	11366	5.252	ug/l	# 91
48) Methyl methacrylate	7.610	41	3663	3.657	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	41949	31.144	ug/l	# 43
54) cis-1,3-Dichloropropene	8.555	75	17555	13.911	ug/l	# 69
56) Ethyl methacrylate	9.250	69	89	2.635	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	9810	6.640	ug/l	# 42
59) 2-Hexanone	9.488	43	152394	149.135	ug/l	# 44
74) N-amyl acetate	10.768	43	831	2.512	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	27603	28.646	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	674	0.266	ug/l	# 96
81) trans-1,4-Dichloro-2-b...	11.085	75	27603	73.810	ug/l	# 12
95) Naphthalene	13.774	128	163	1.975	ug/l	# 69

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

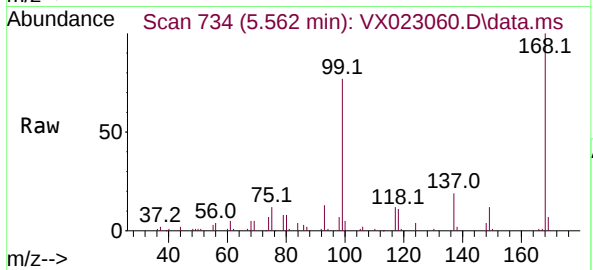
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration



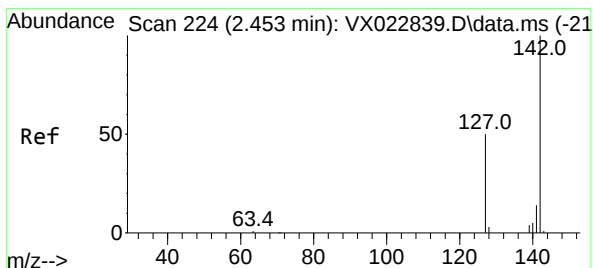
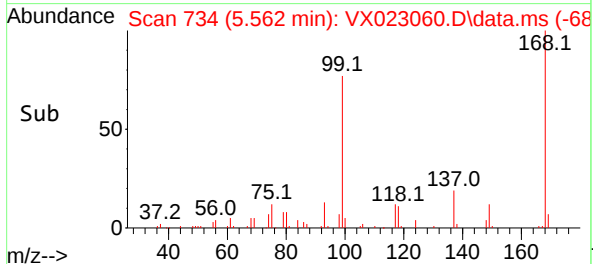
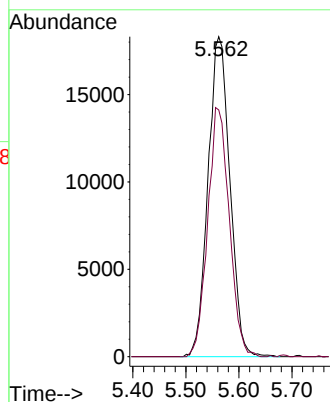


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

Instrument :
MSVOA_X
ClientSampled :

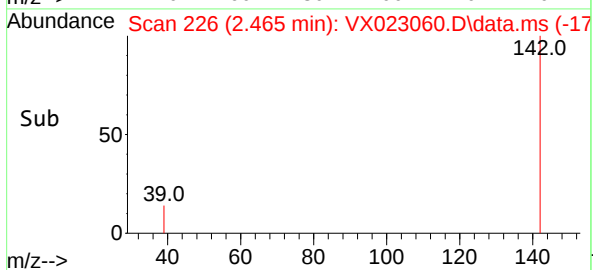
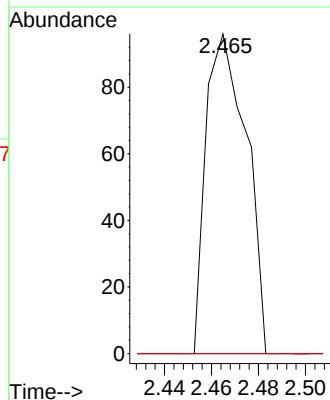
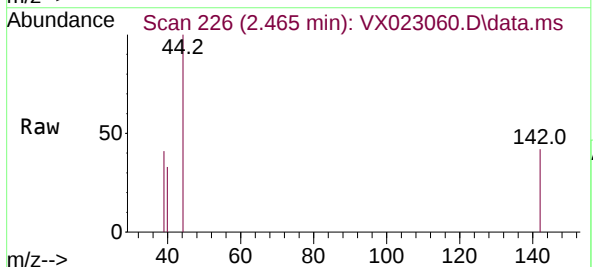


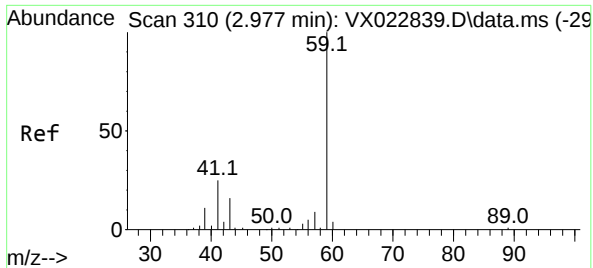
Tgt Ion:168 Resp: 52419
Ion Ratio Lower Upper
168 100
99 77.1 45.8 68.6#



#10
Methyl Iodide
Concen: 4.007 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

Tgt Ion:142 Resp: 114
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



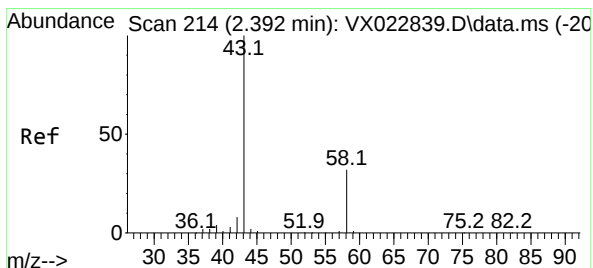
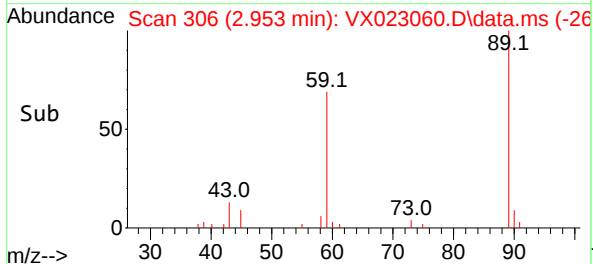
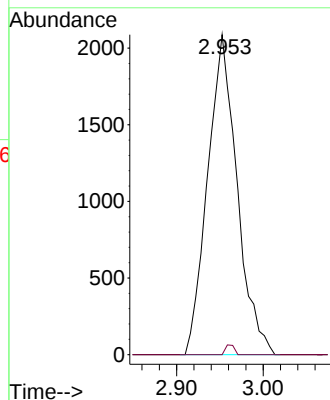
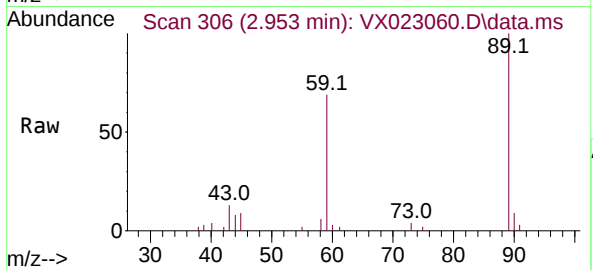


#11

Tert butyl alcohol
Concen: 24.886 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

Instrument :
MSVOA_X
ClientSampled :

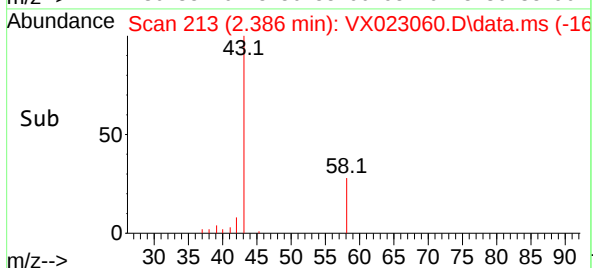
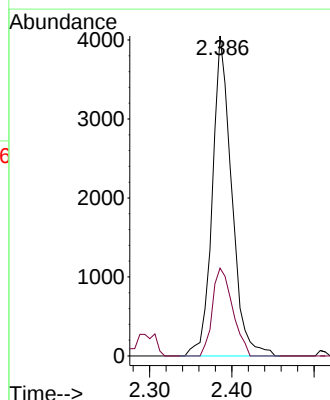
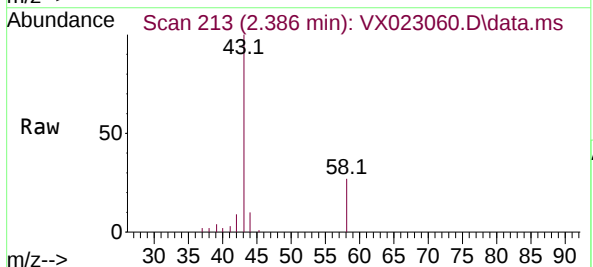
Tgt Ion: 59 Resp: 4934
Ion Ratio Lower Upper
59 100
57 0.9 7.8 11.8#

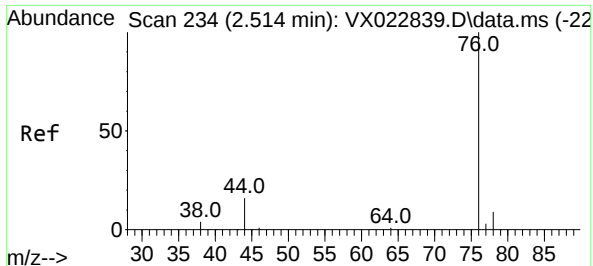


#16

Acetone
Concen: 15.669 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

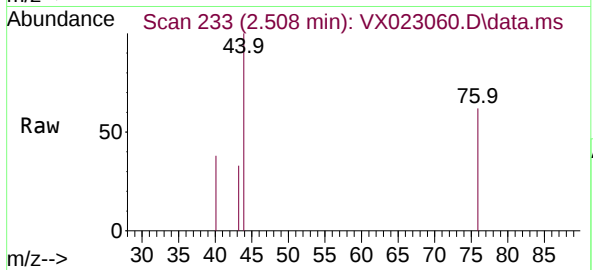
Tgt Ion: 43 Resp: 6608
Ion Ratio Lower Upper
43 100
58 27.4 27.8 41.8#



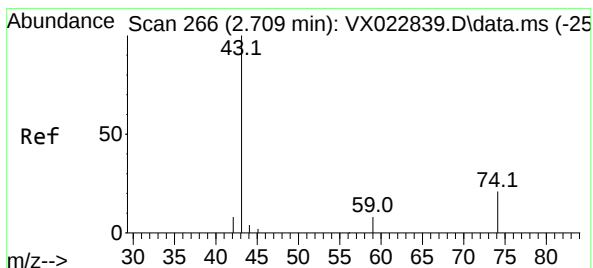
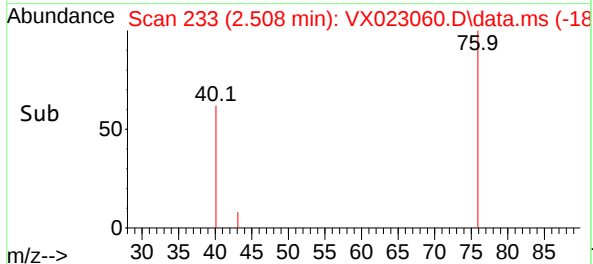
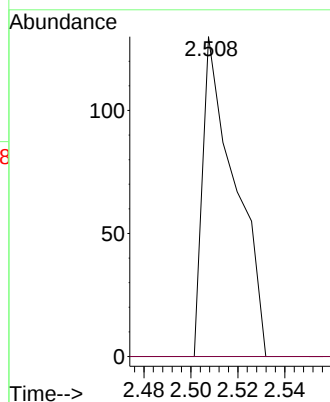


#17
Carbon Disulfide
Concen: 3.578 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

Instrument :
MSVOA_X
ClientSampled :

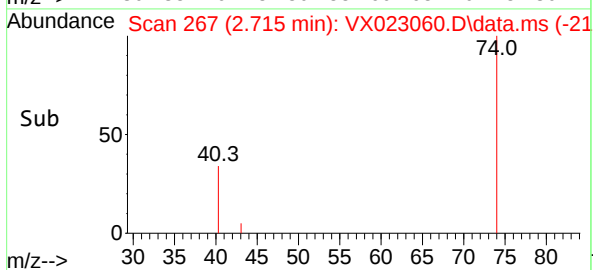
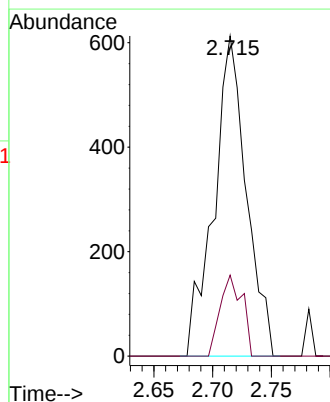
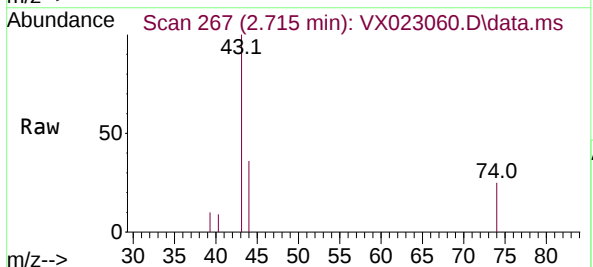


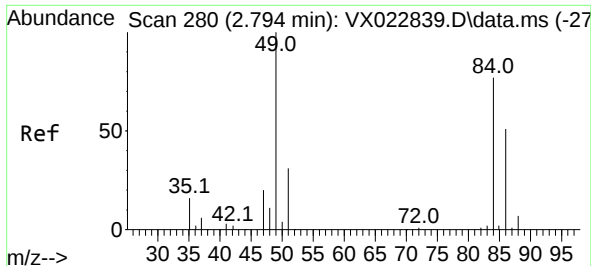
Tgt Ion: 76 Resp: 124
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.137 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

Tgt Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
74 17.2 21.9 32.9#





#20

Methylene Chloride

Concen: 9.219 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023060.D

Acq: 01 Jul 2021 02:42

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 84 Resp: 7455

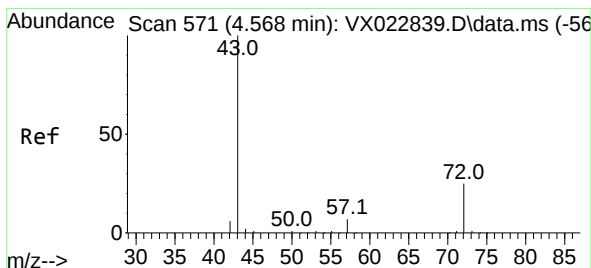
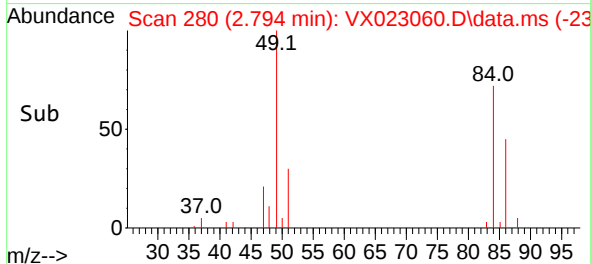
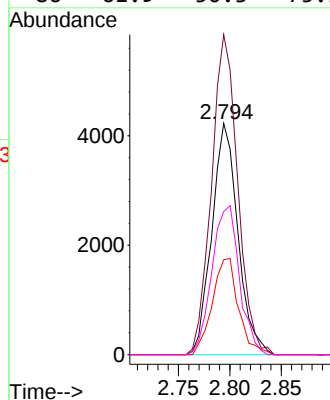
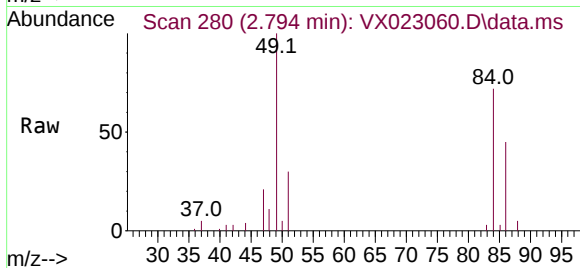
Ion Ratio Lower Upper

84 100

49 138.3 88.6 132.8#

51 41.0 27.0 40.6#

86 61.9 50.3 75.5



#25

2-Butanone

Concen: 5.299 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX023060.D

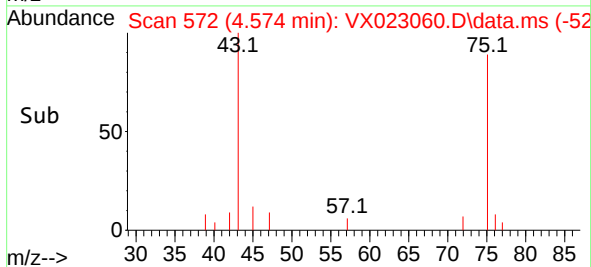
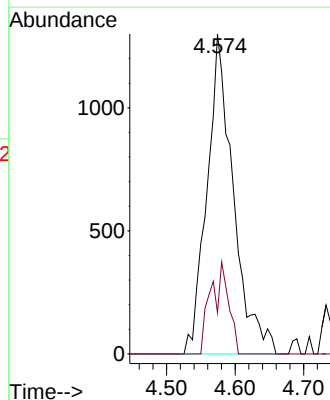
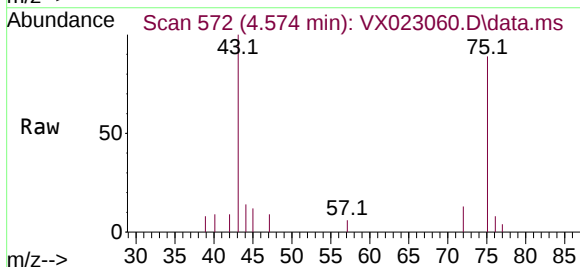
Acq: 01 Jul 2021 02:42

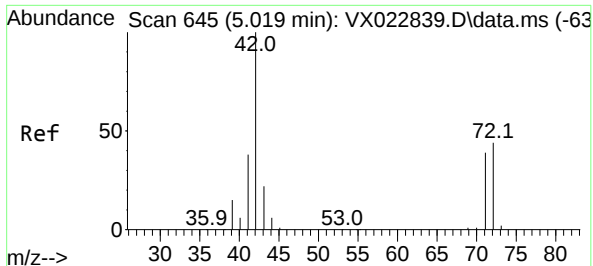
Tgt Ion: 43 Resp: 3475

Ion Ratio Lower Upper

43 100

72 12.9 23.7 35.5#





#29

Tetrahydrofuran

Concen: 1.320 ug/l

RT: 5.044 min Scan# 649

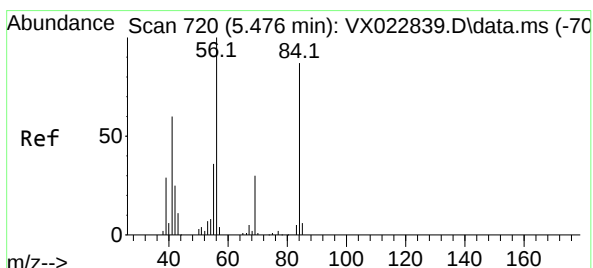
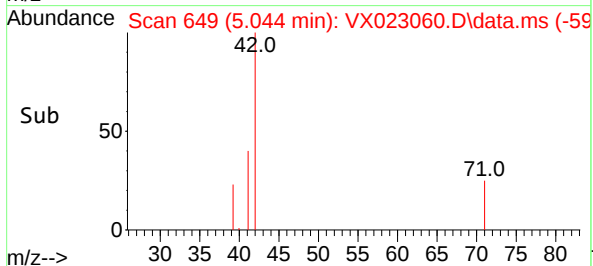
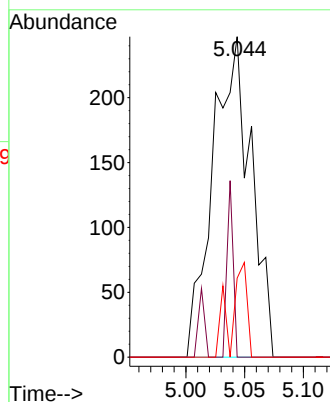
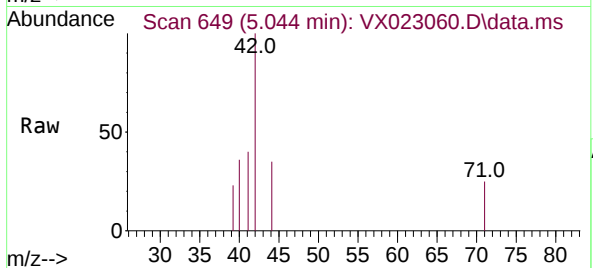
Delta R.T. 0.025 min

Lab File: VX023060.D

Acq: 01 Jul 2021 02:42

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	42	Resp:	557
Ion	Ratio	Lower	Upper
42	100		
72	9.0	41.7	62.5#
71	12.4	38.4	57.6#



#31

Cyclohexane

Concen: 1.396 ug/l

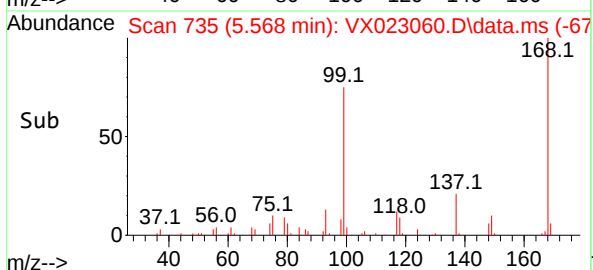
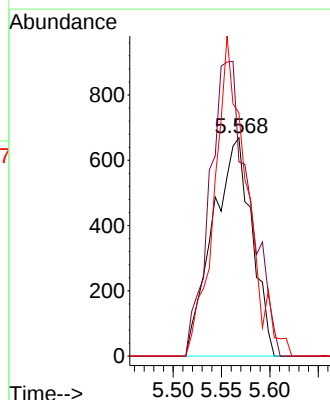
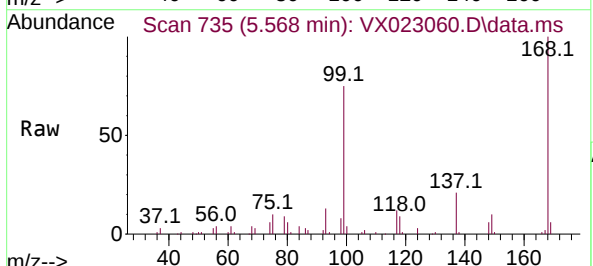
RT: 5.568 min Scan# 735

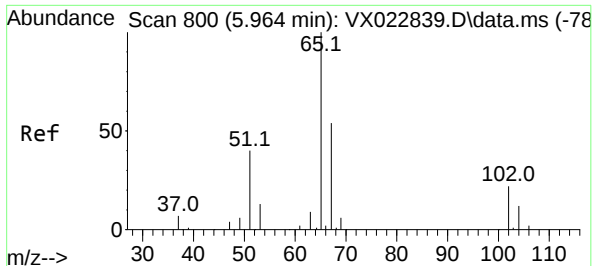
Delta R.T. 0.092 min

Lab File: VX023060.D

Acq: 01 Jul 2021 02:42

Tgt Ion:	56	Resp:	1875
Ion	Ratio	Lower	Upper
56	100		
69	88.9	25.3	37.9#
84	111.4	71.4	107.0#



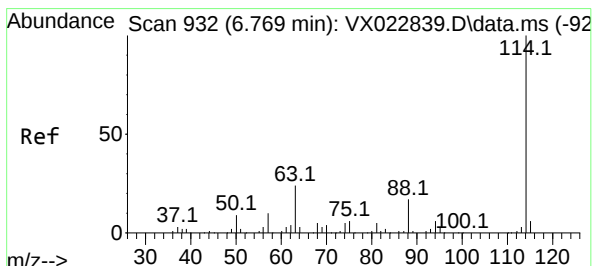
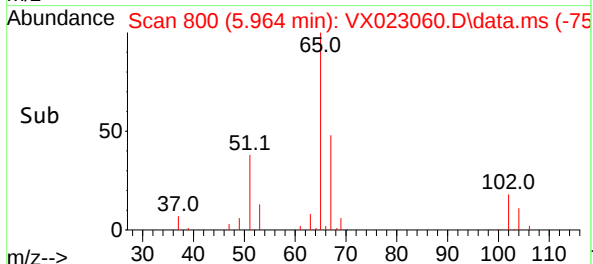
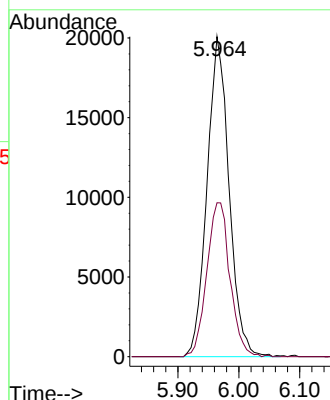
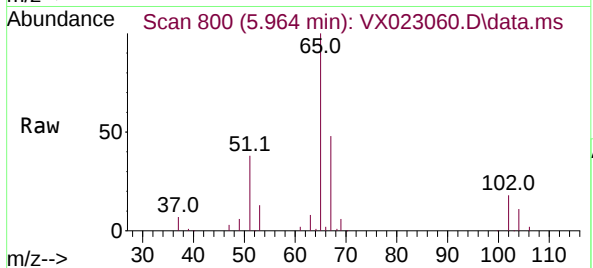


#33

1,2-Dichloroethane-d4
Concen: 52.988 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

Instrument :
MSVOA_X
ClientSampled :

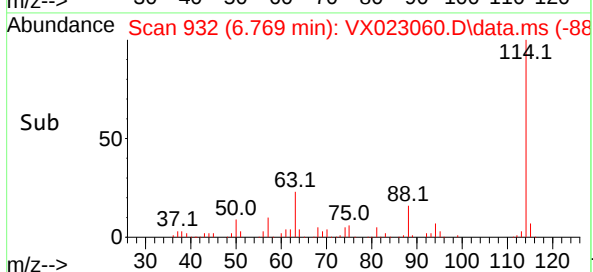
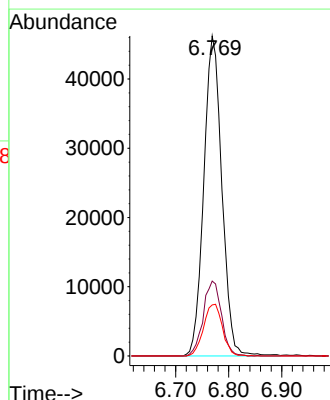
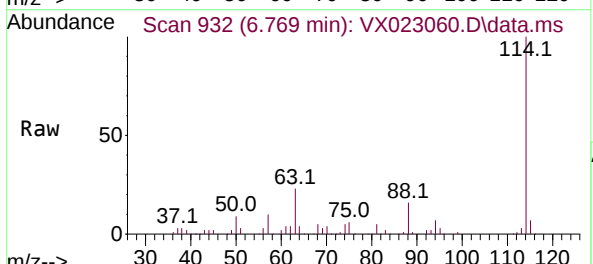
Tgt Ion: 65 Resp: 50407
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

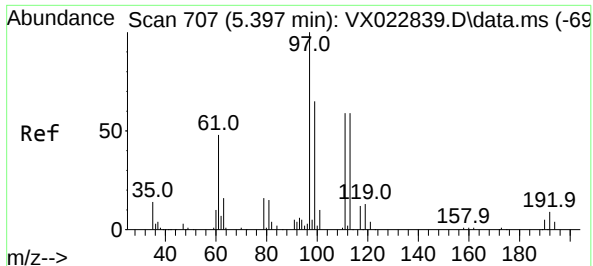


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

Tgt Ion: 114 Resp: 109408
Ion Ratio Lower Upper
114 100
63 23.4 0.0 40.8
88 16.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.628 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023060.D

Acq: 01 Jul 2021 02:42

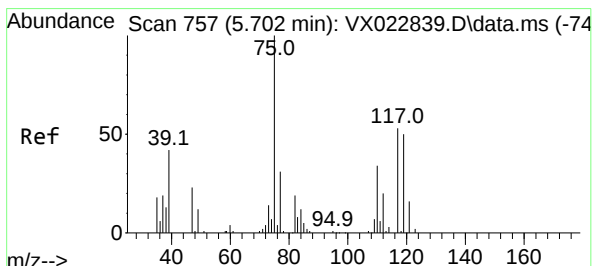
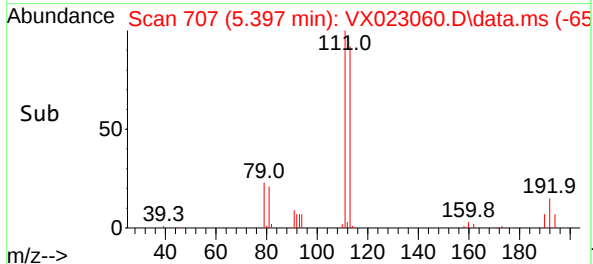
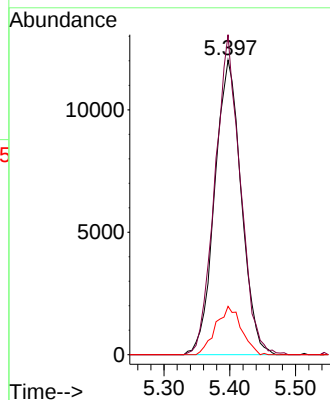
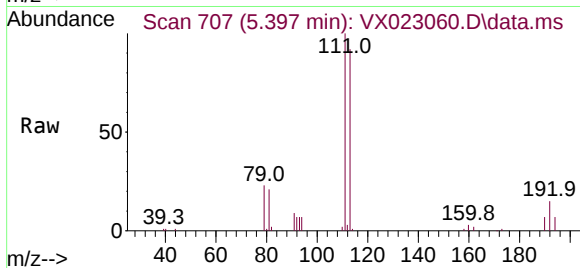
Tgt Ion:113 Resp: 33785

Ion Ratio Lower Upper

113 100

111 103.9 81.9 122.9

192 15.8 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.054 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX023060.D

Acq: 01 Jul 2021 02:42

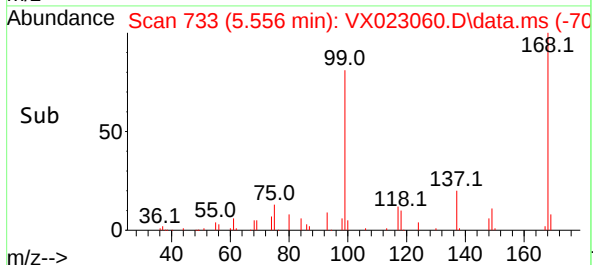
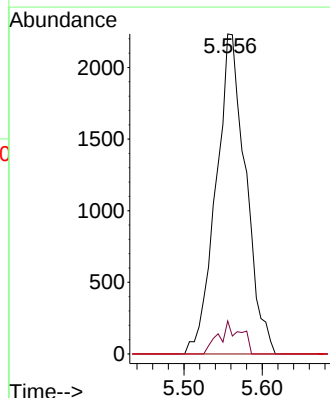
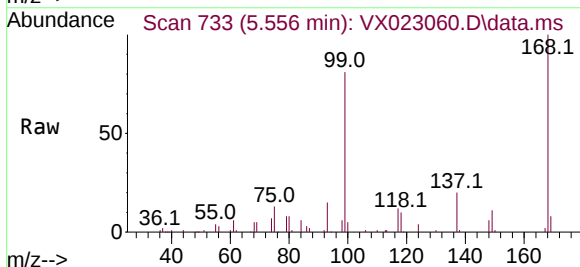
Tgt Ion: 75 Resp: 5873

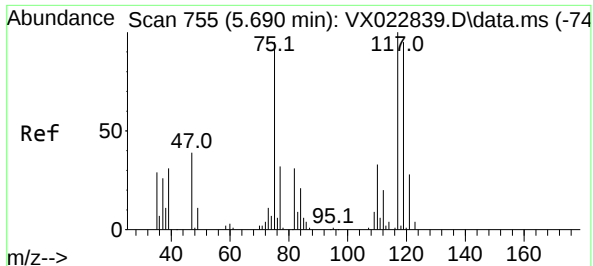
Ion Ratio Lower Upper

75 100

110 7.5 18.1 54.4#

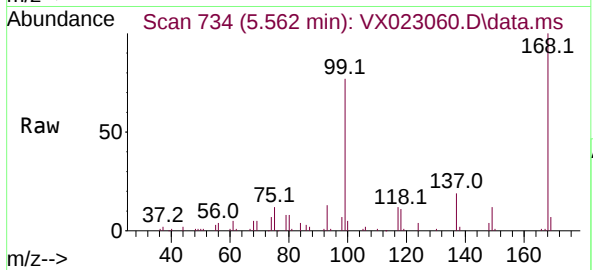
77 0.0 25.3 37.9#



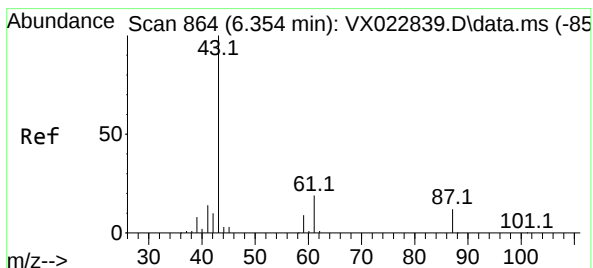
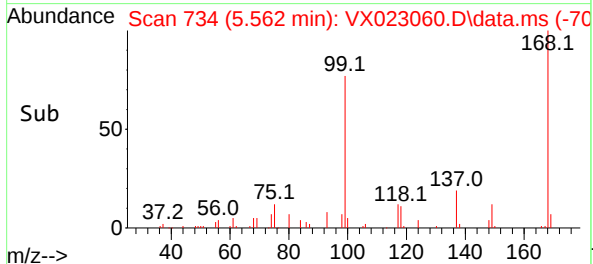
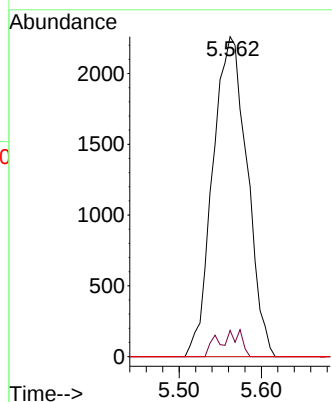


#38
Carbon Tetrachloride
Concen: 6.736 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

Instrument :
MSVOA_X
ClientSampled :

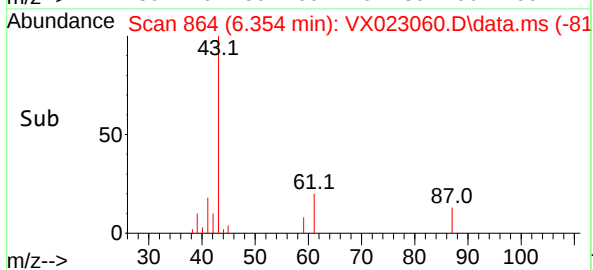
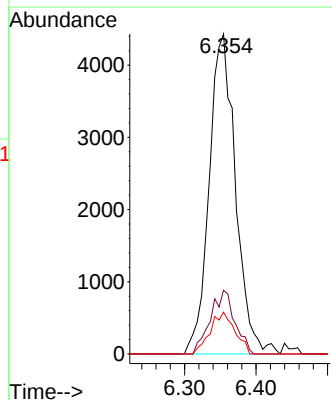
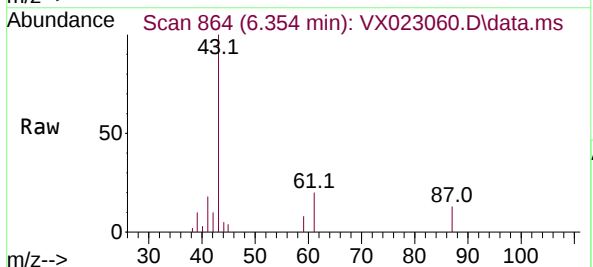


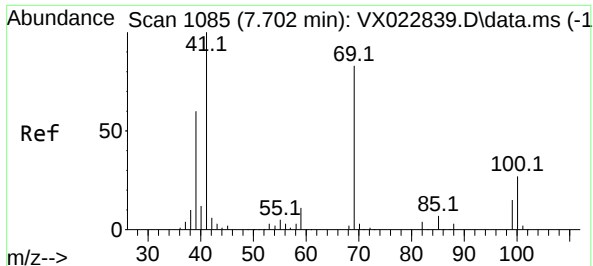
Tgt Ion:117 Resp: 6566
Ion Ratio Lower Upper
117 100
119 8.2 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 5.252 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.000 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

Tgt Ion: 43 Resp: 11366
Ion Ratio Lower Upper
43 100
61 18.5 18.2 27.4
87 12.2 12.5 18.7#





#48

Methyl methacrylate

Concen: 3.657 ug/l

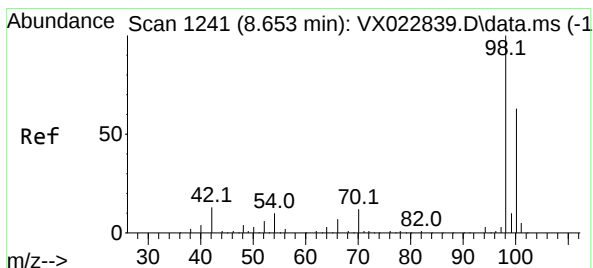
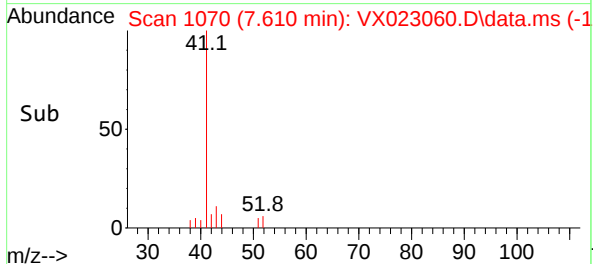
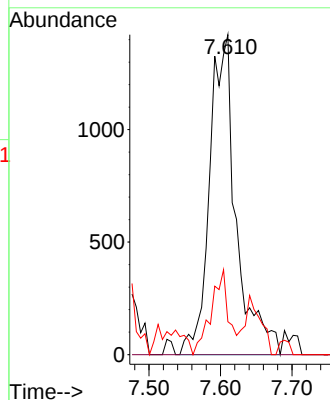
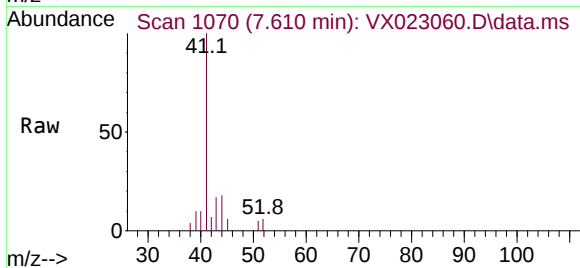
RT: 7.610 min Scan# 1070

Delta R.T. -0.092 min

Lab File: VX023060.D

Acq: 01 Jul 2021 02:42

Tgt Ion:	41	Resp:	3663
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#



#50

Toluene-d8

Concen: 51.030 ug/l

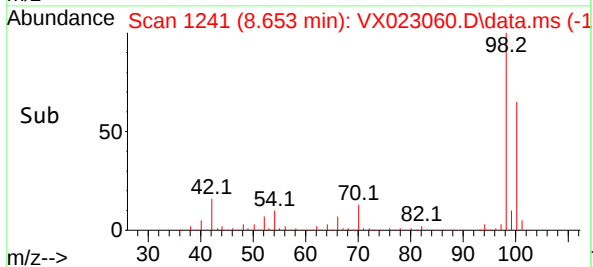
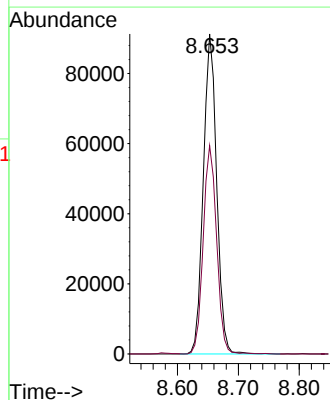
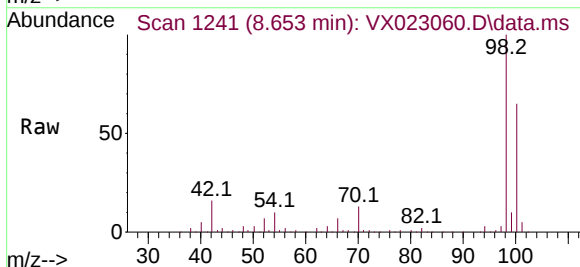
RT: 8.653 min Scan# 1241

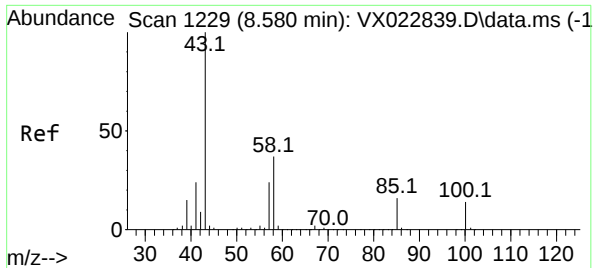
Delta R.T. -0.000 min

Lab File: VX023060.D

Acq: 01 Jul 2021 02:42

Tgt Ion:	98	Resp:	138952
Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.9	77.9

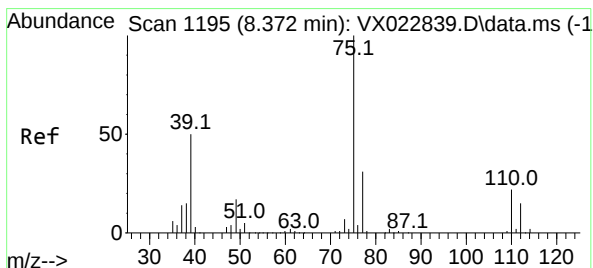
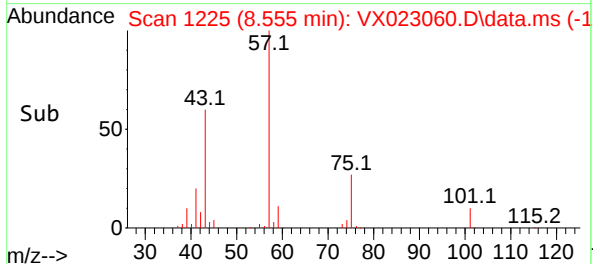
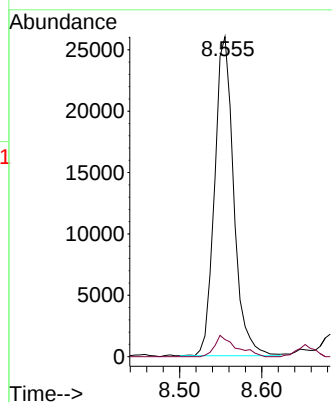
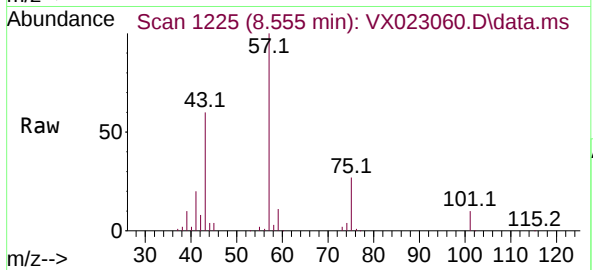




#51
4-Methyl-2-Pentanone
Concen: 31.144 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

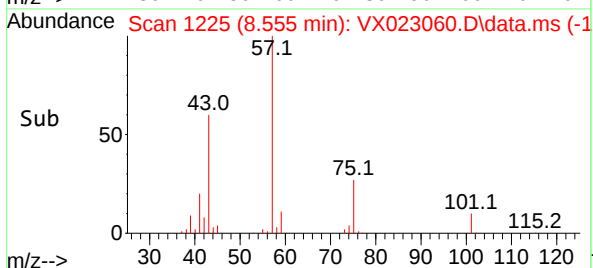
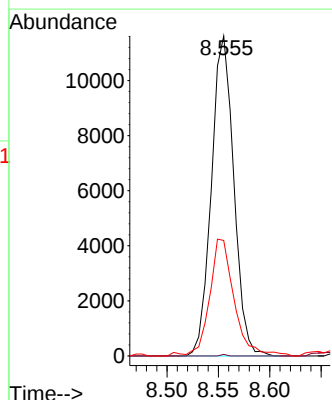
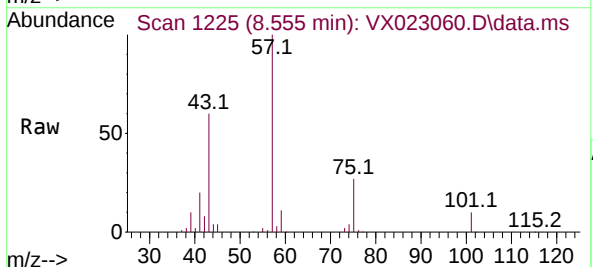
Instrument :
MSVOA_X
ClientSampled :

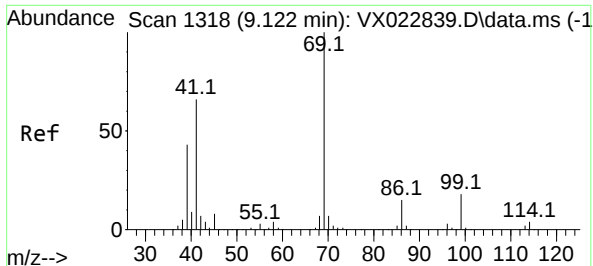
Tgt Ion: 43 Resp: 41949
Ion Ratio Lower Upper
43 100
58 7.4 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 13.911 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

Tgt Ion: 75 Resp: 17555
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 35.5 35.1 52.7

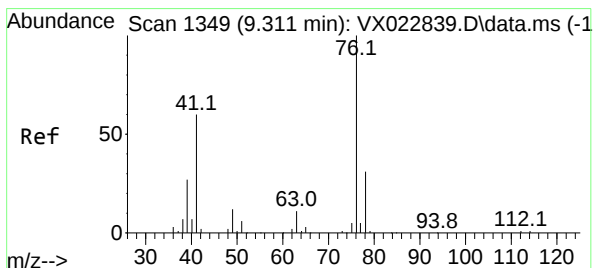
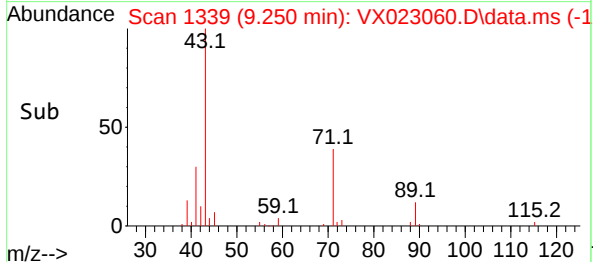
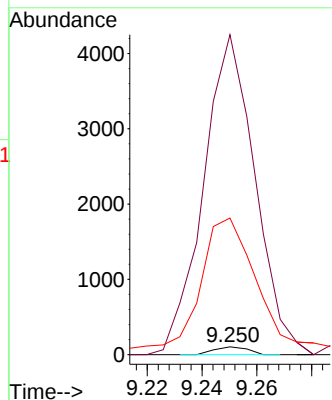
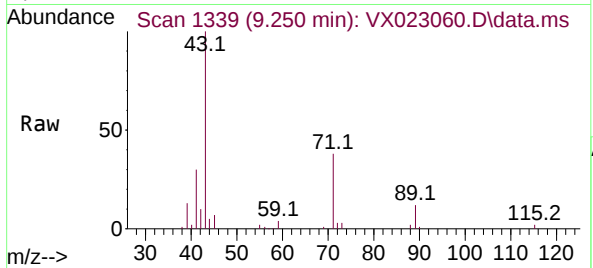




#56
Ethyl methacrylate
Concen: 2.635 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. 0.128 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

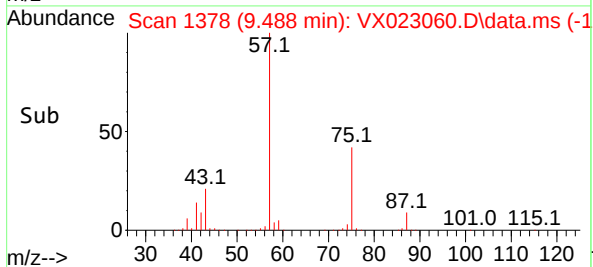
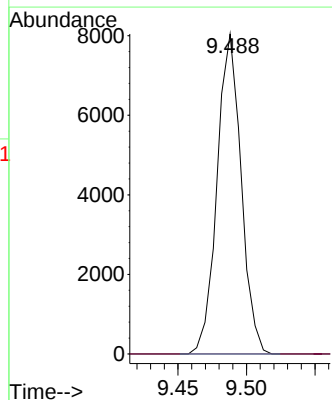
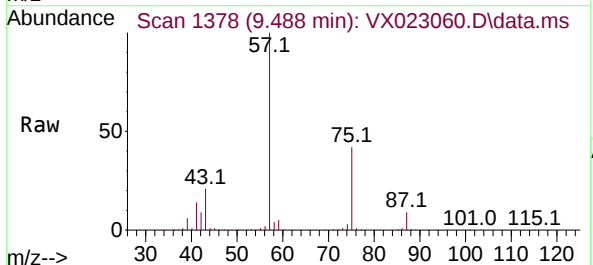
Instrument :
MSVOA_X
ClientSampled :

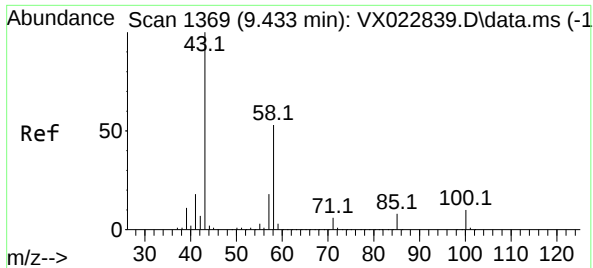
Tgt Ion: 69 Resp: 89
Ion Ratio Lower Upper
69 100
41 6268.5 46.8 70.2#
39 3094.4 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.640 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

Tgt Ion: 76 Resp: 9810
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

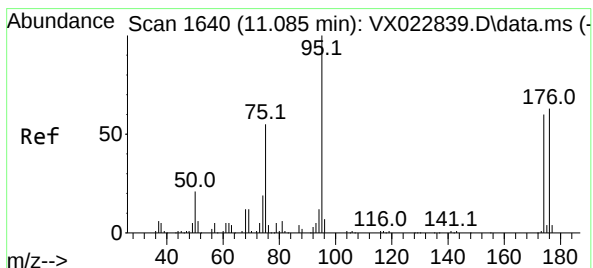
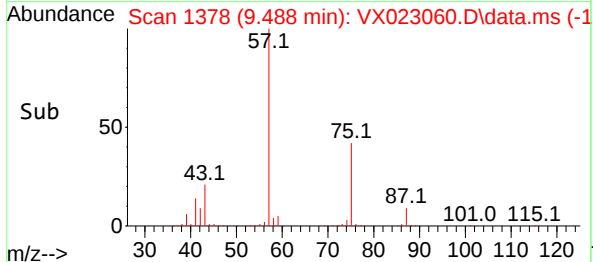
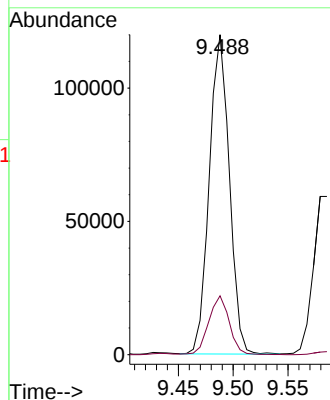
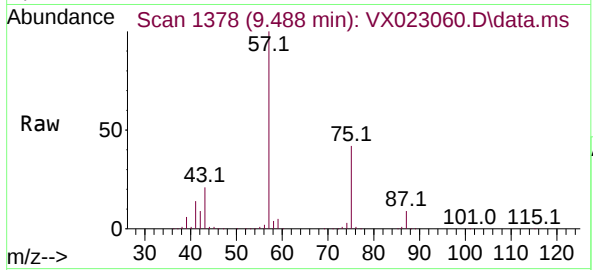




#59
2-Hexanone
Concen: 149.135 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

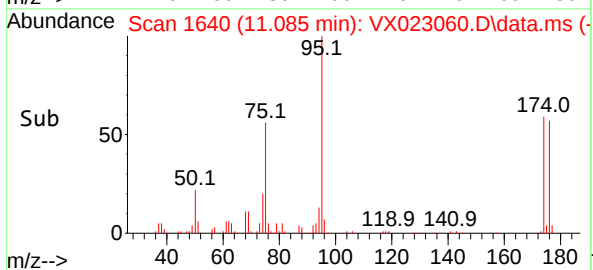
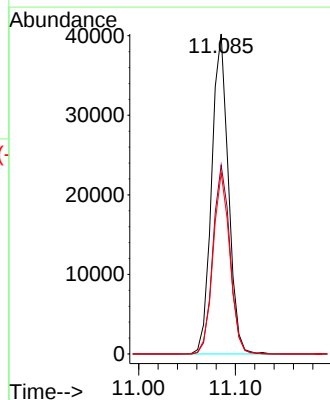
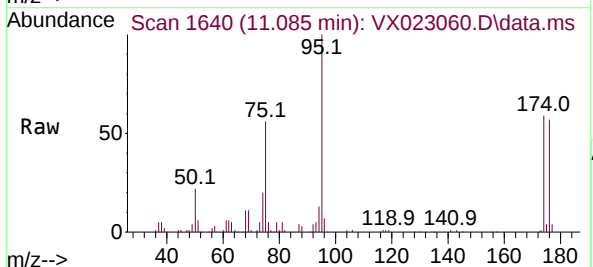
Instrument :
MSVOA_X
ClientSampled :

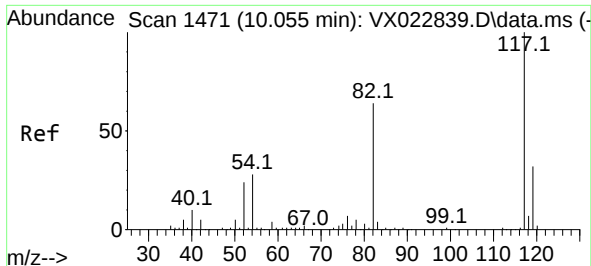
Tgt Ion: 43 Resp: 152394
Ion Ratio Lower Upper
43 100
58 18.9 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.500 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

Tgt Ion: 95 Resp: 48270
Ion Ratio Lower Upper
95 100
174 59.9 0.0 154.6
176 57.0 0.0 155.8

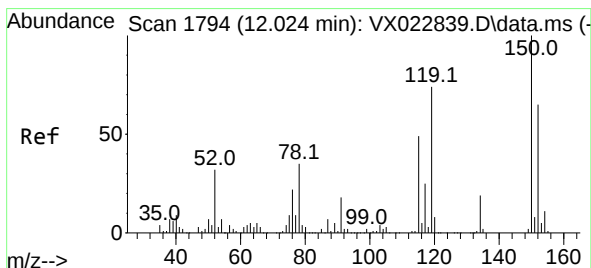
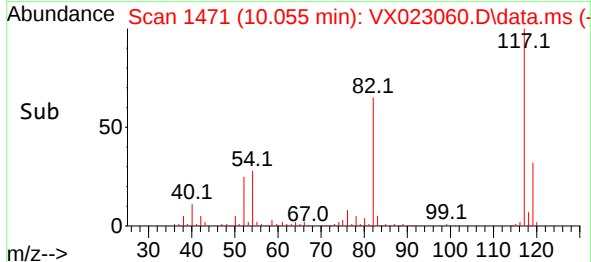
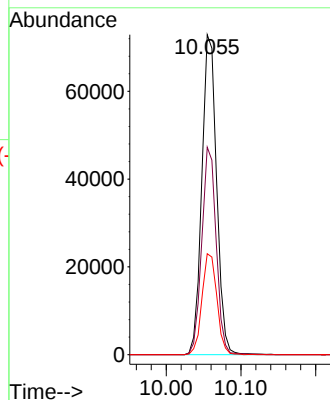
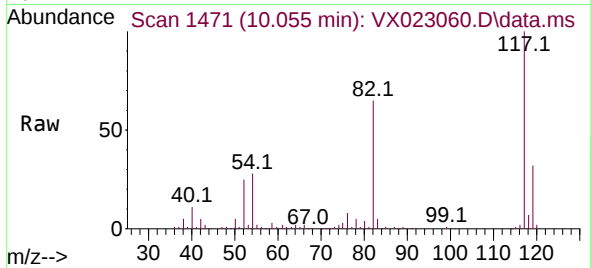




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

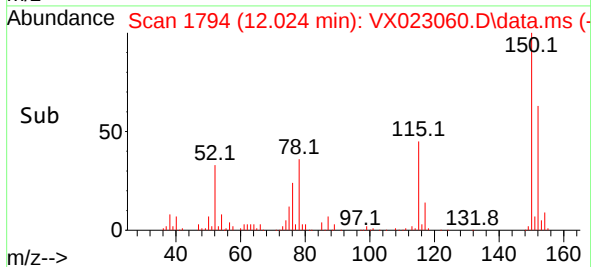
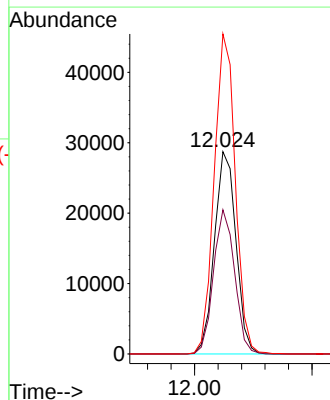
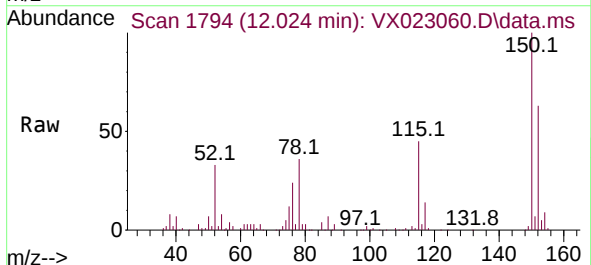
Instrument :
MSVOA_X
ClientSampled :

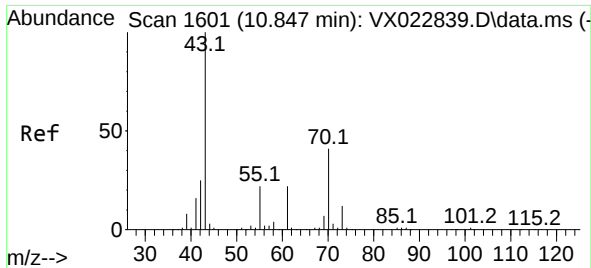
Tgt Ion:117 Resp: 100092
Ion Ratio Lower Upper
117 100
82 64.8 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

Tgt Ion:152 Resp: 36480
Ion Ratio Lower Upper
152 100
115 69.8 41.1 123.3
150 155.1 0.0 349.0

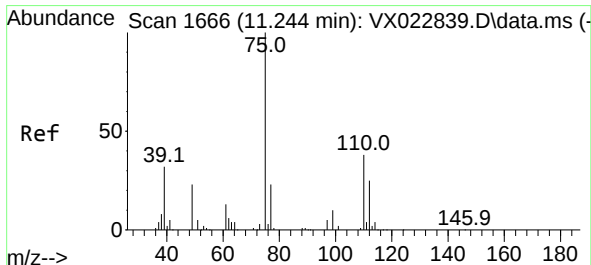
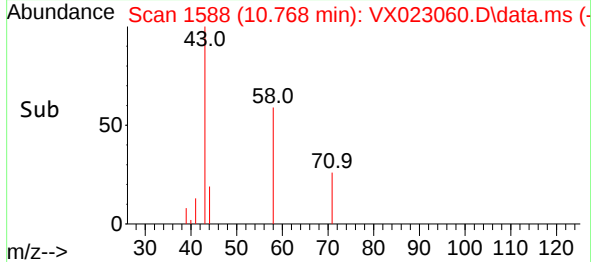
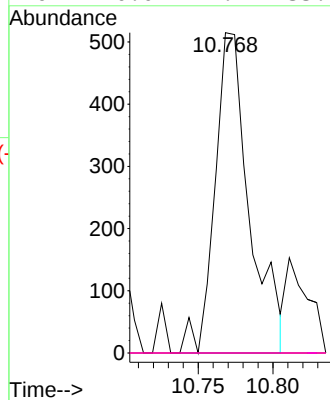
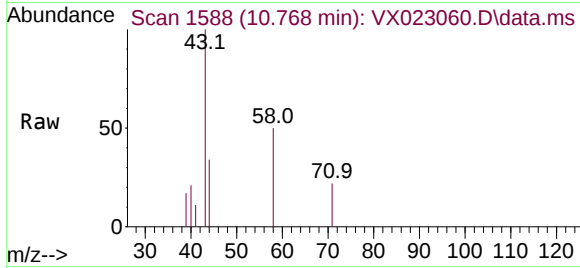




#74
N-amy1 acetate
Concen: 2.512 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.079 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

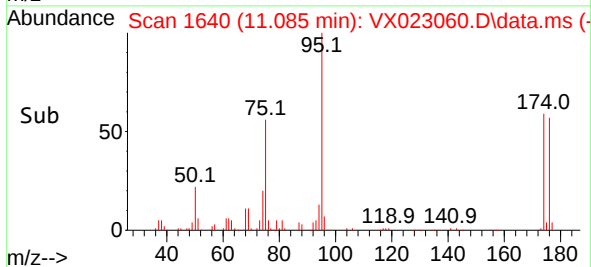
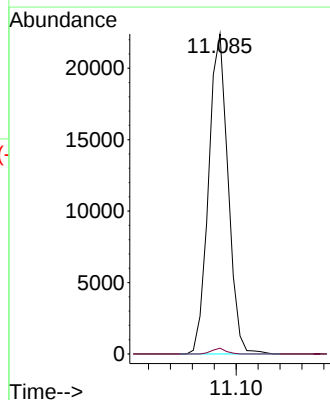
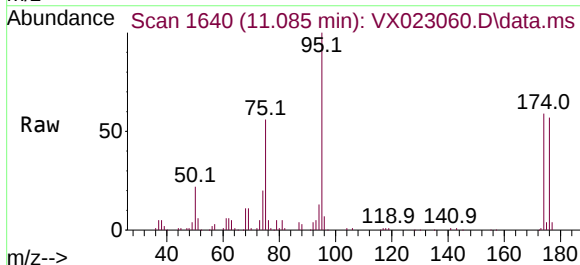
Instrument :
MSVOA_X
ClientSampled :

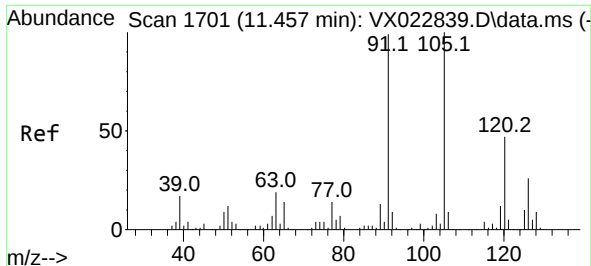
Tgt Ion: 43	Resp:	831
Ion	Ratio	Lower Upper
43	100	
70	0.0	39.0 58.6#
55	0.0	21.5 32.3#
61	0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 28.646 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

Tgt Ion: 75	Resp:	27603
Ion	Ratio	Lower Upper
75	100	
77	1.3	19.1 57.5#

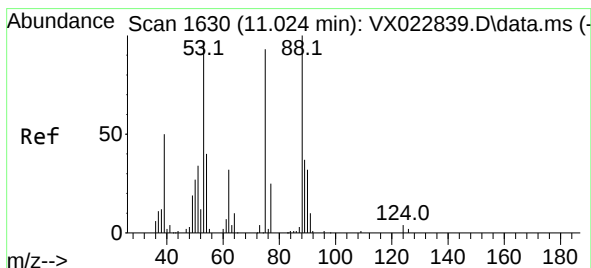
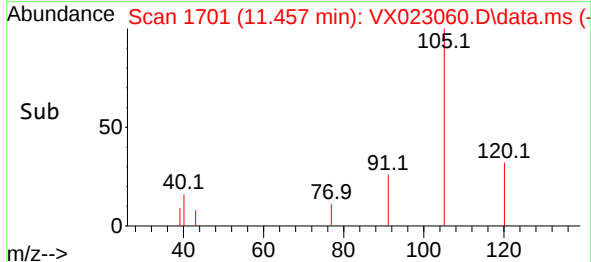
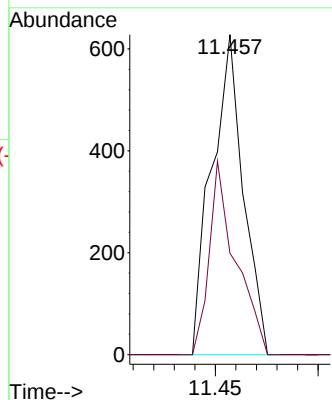
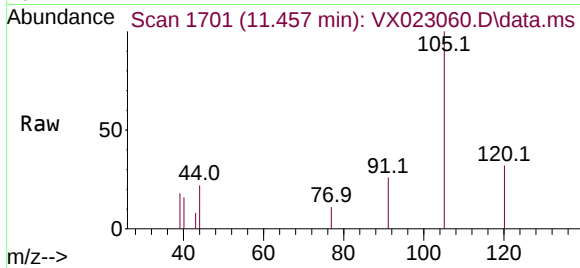




#80
1,3,5-Trimethylbenzene
Concen: 0.266 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

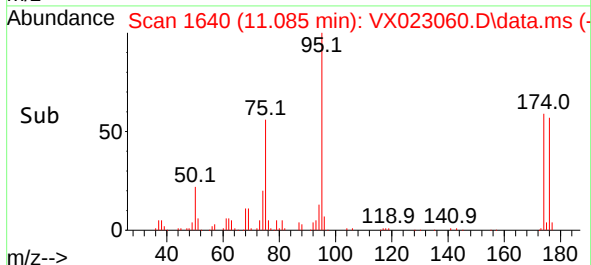
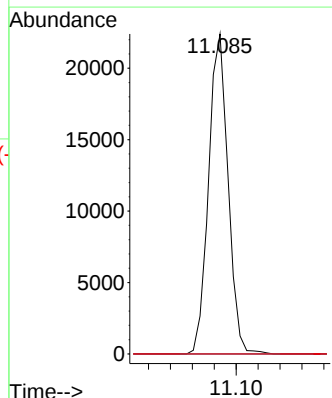
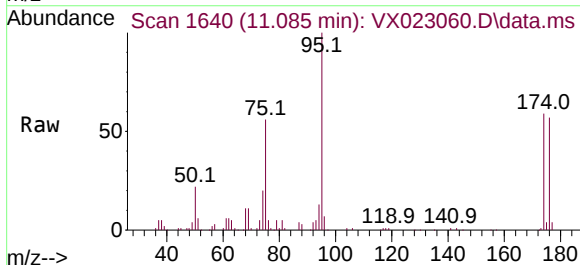
Instrument :
MSVOA_X
ClientSampled :

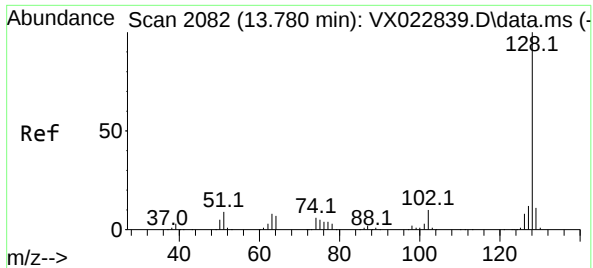
Tgt Ion:105 Resp: 674
Ion Ratio Lower Upper
105 100
120 50.4 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 73.810 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

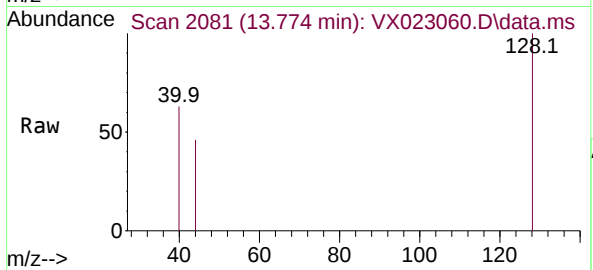
Tgt Ion: 75 Resp: 27603
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.975 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023060.D
Acq: 01 Jul 2021 02:42

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128	Resp:	163
Ion	Ratio	Lower Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	8.8 13.2#

