

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022956.D
 Acq On : 26 Jun 2021 05:23
 Operator : JC/MD
 Sample : PB137293ZHE#12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 07:37:51 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)

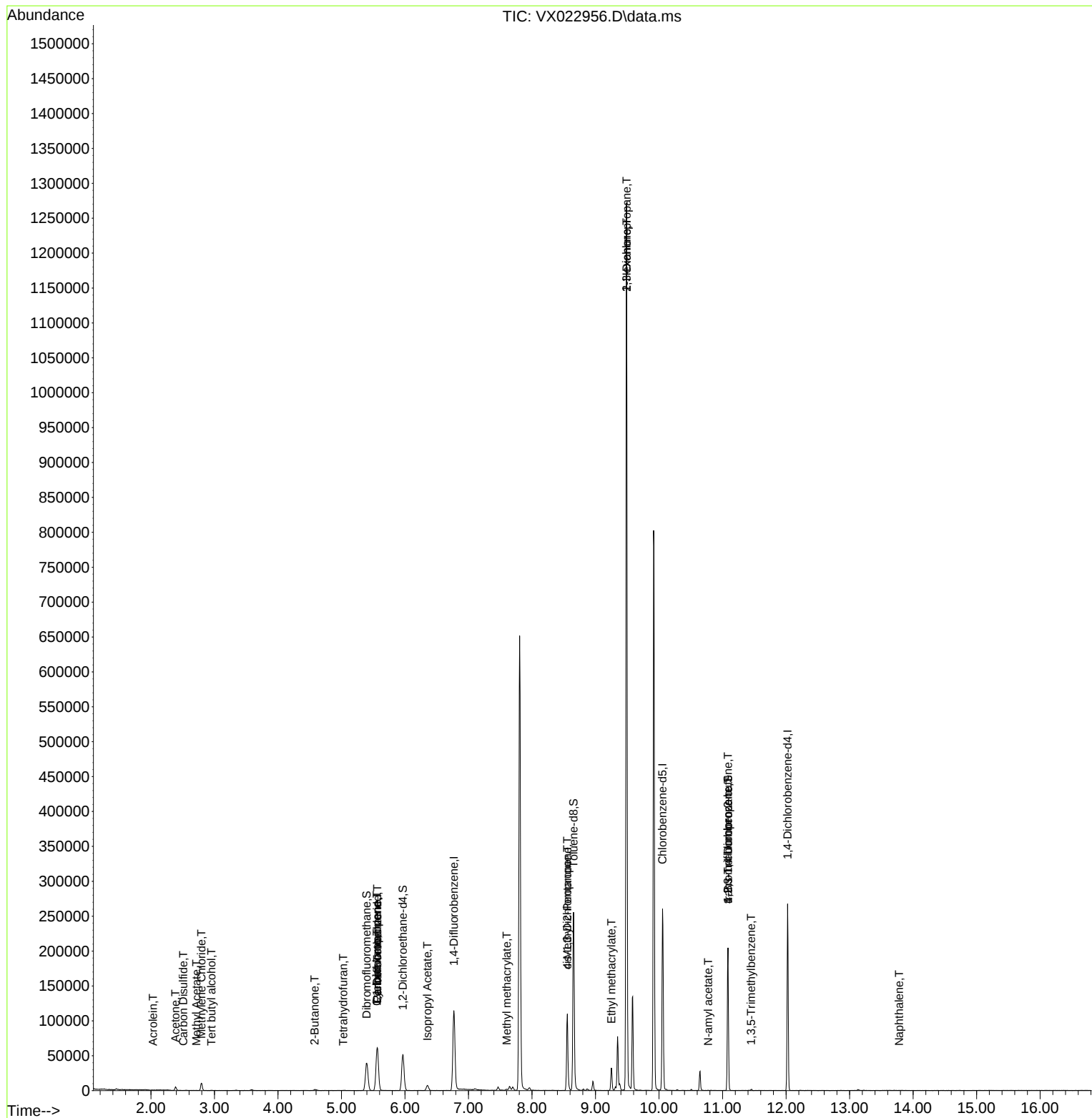
Internal Standards						
1) Pentafluorobenzene	5.562	168	51363	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	108381	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48537	52.07	ug/l	0.00
Spiked Amount 50.000	Range 78	- 117	Recovery	=	104.14%	
35) Dibromofluoromethane	5.397	113	33480	48.65	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	=	97.30%	
50) Toluene-d8	8.653	98	140690	52.16	ug/l	0.00
Spiked Amount 50.000	Range 92	- 112	Recovery	=	104.32%	
62) 4-Bromofluorobenzene	11.085	95	52306	51.96	ug/l	0.00
Spiked Amount 50.000	Range 83	- 123	Recovery	=	103.92%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	140	0.72	ug/l	# 73
13) Acrolein	2.032	56	45	0.37	ug/l	# 14
16) Acetone	2.386	43	5648	13.67	ug/l	98
17) Carbon Disulfide	2.508	76	19	3.53	ug/l	# 75
18) Methyl Acetate	2.715	43	387	0.38	ug/l	# 47
20) Methylene Chloride	2.794	84	4656	6.01	ug/l	95
25) 2-Butanone	4.574	43	1205	1.88	ug/l	# 81
29) Tetrahydrofuran	5.025	42	201	0.49	ug/l	# 27
31) Cyclohexane	5.556	56	1665	1.27	ug/l	# 49
36) 1,1-Dichloropropene	5.556	75	5361	4.66	ug/l	# 42
38) Carbon Tetrachloride	5.562	117	6078	6.29	ug/l	# 15
43) Isopropyl Acetate	6.354	43	10384	4.84	ug/l	# 81
48) Methyl methacrylate	7.604	41	3052	3.08	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	38018	28.49	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	15556	12.72	ug/l	# 72
56) Ethyl methacrylate	9.250	69	60	2.62	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	10294	7.03	ug/l	# 42
59) 2-Hexanone	9.488	43	147508	145.72	ug/l	# 44
74) N-amyl acetate	10.774	43	364	2.22	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	29793	25.15	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.451	105	956	0.31	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.085	75	29793	65.59	ug/l	# 12
95) Naphthalene	13.780	128	61	1.94	ug/l	# 69

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

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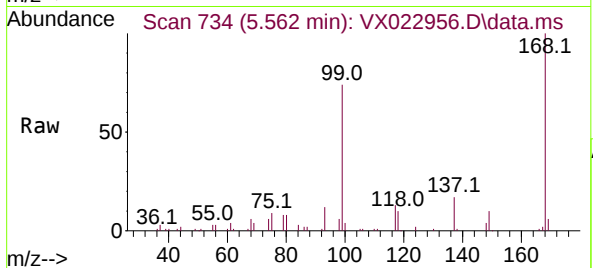
Quant Time: Jun 26 07:37:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
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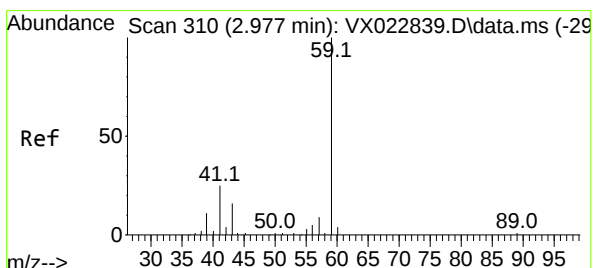
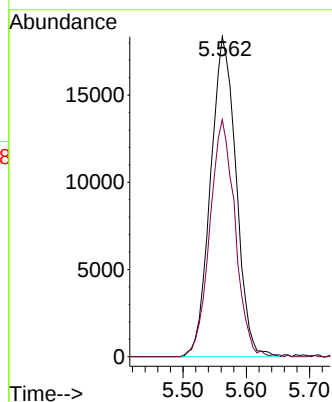
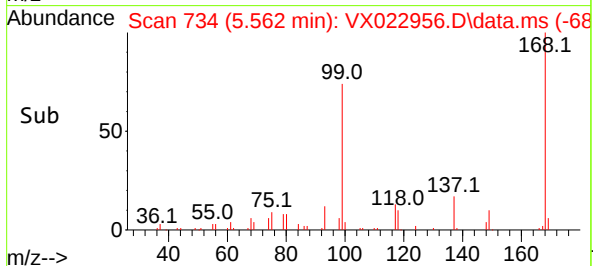


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23

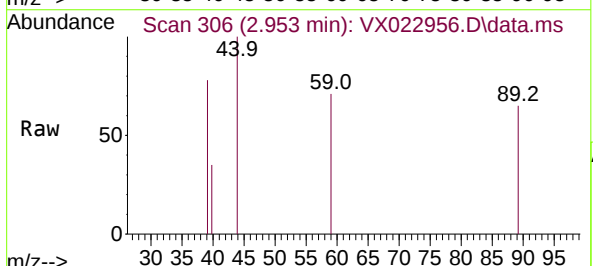
Instrument :
MSVOA_X
ClientSampled :



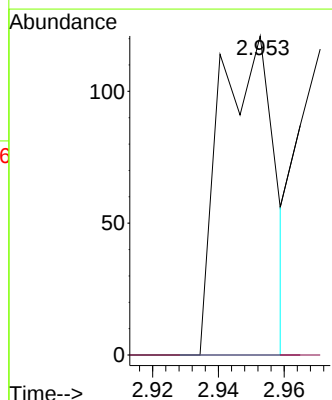
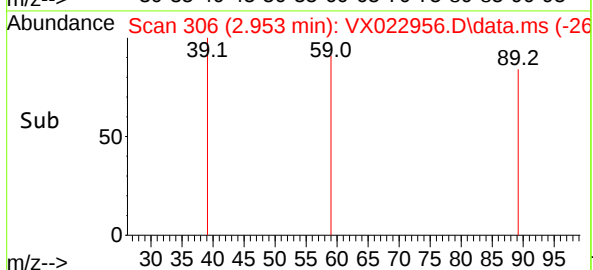
Tgt Ion:168 Resp: 51363
Ion Ratio Lower Upper
168 100
99 74.0 45.8 68.6#

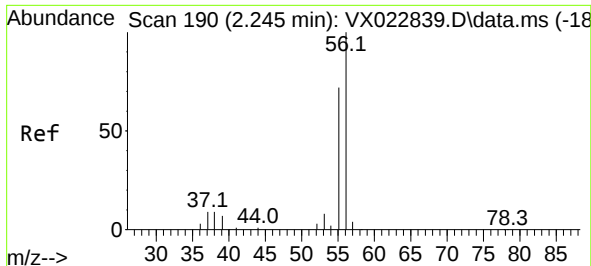


#11
Tert butyl alcohol
Concen: 0.72 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23



Tgt Ion: 59 Resp: 140
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

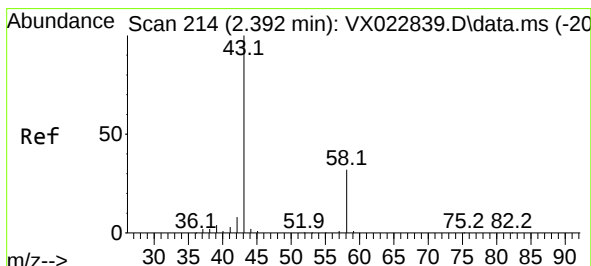
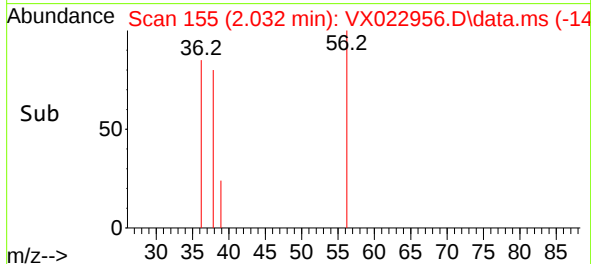
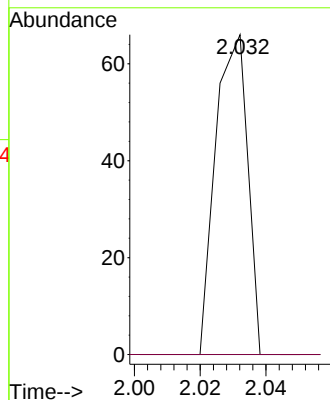
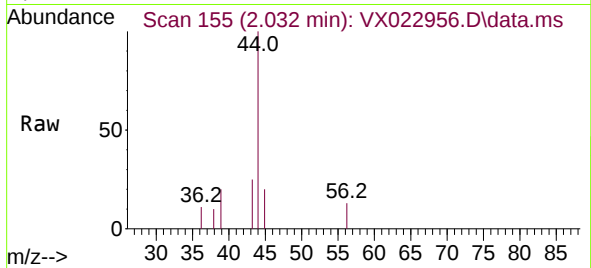




#13
Acrolein
Concen: 0.37 ug/l
RT: 2.032 min Scan# 155
Delta R.T. -0.213 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23

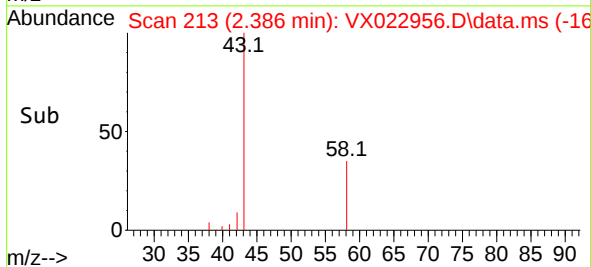
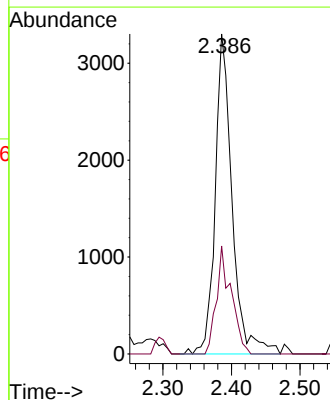
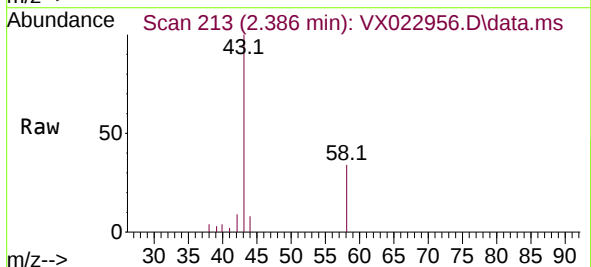
Instrument :
MSVOA_X
ClientSampled :

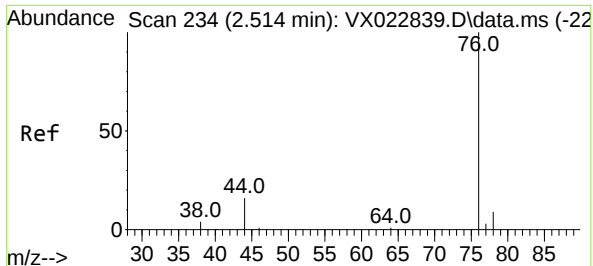
Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 13.67 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23

Tgt Ion: 43 Resp: 5648
Ion Ratio Lower Upper
43 100
58 33.8 27.8 41.8

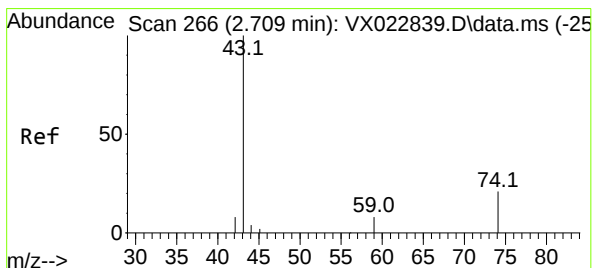
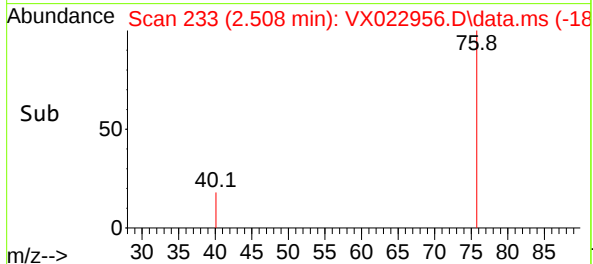
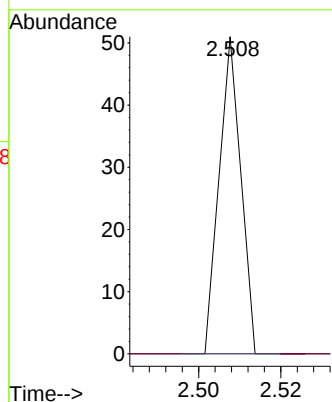
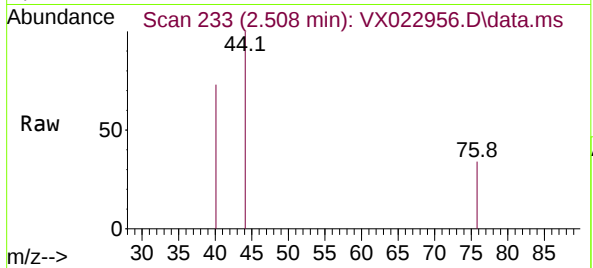




#17
Carbon Disulfide
Concen: 3.53 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23

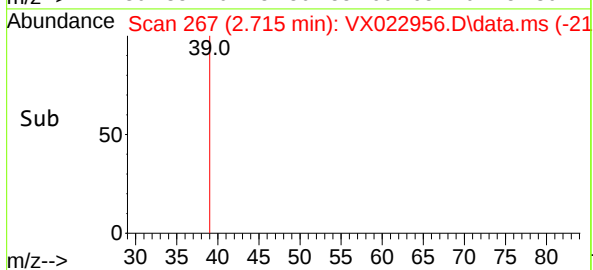
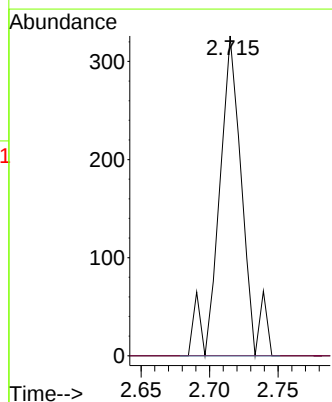
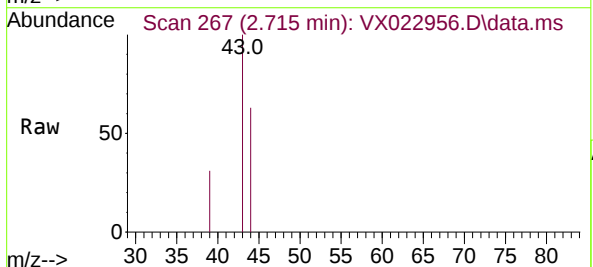
Instrument :
MSVOA_X
ClientSampleId :

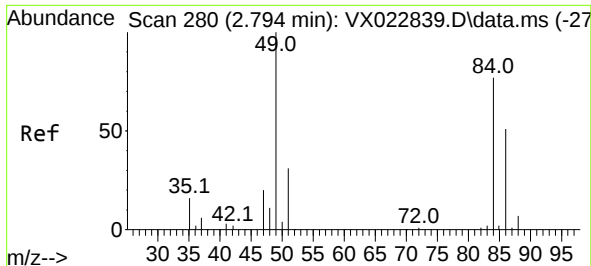
Tgt Ion: 76 Resp: 19
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.38 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23

Tgt Ion: 43 Resp: 387
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

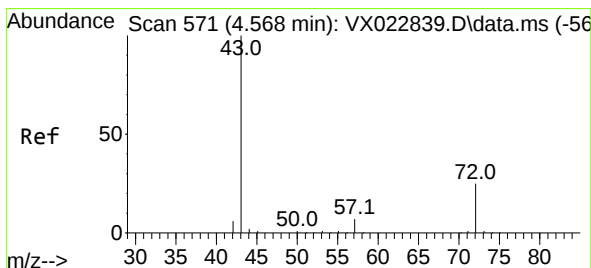
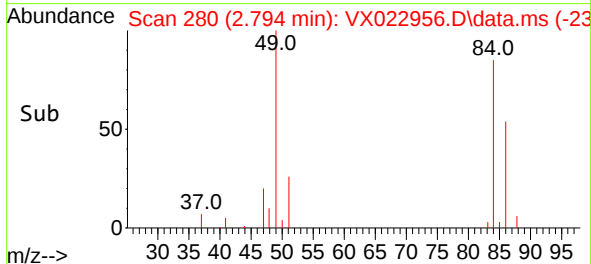
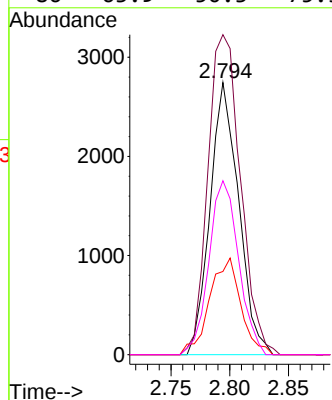
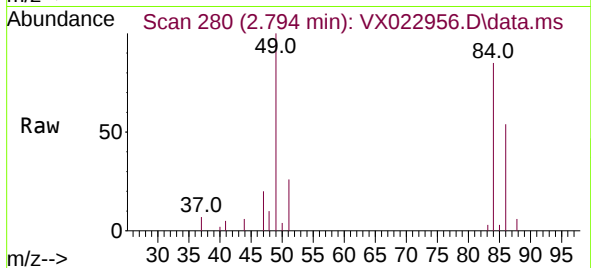




#20
Methylene Chloride
Concen: 6.01 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23

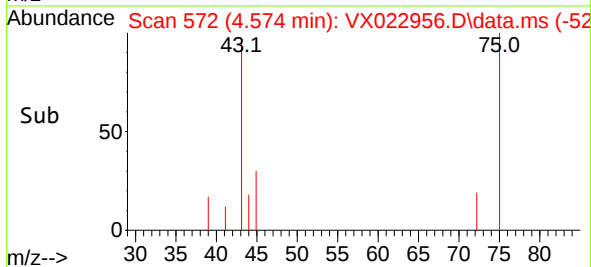
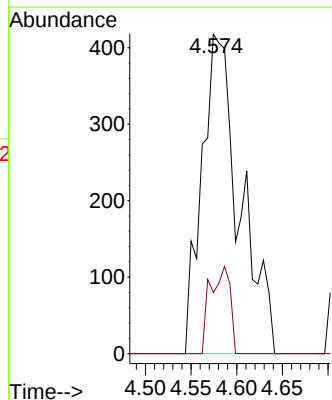
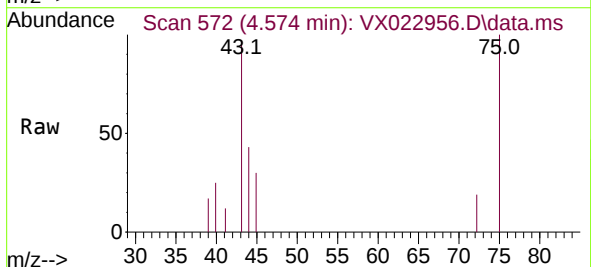
Instrument :
MSVOA_X
ClientSampleId :

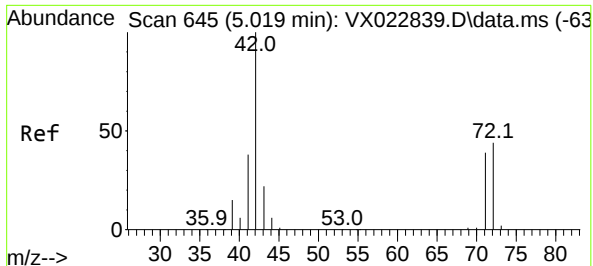
Tgt Ion: 84	Resp: 4656
Ion Ratio	Lower Upper
84 100	
49 117.6	88.6 132.8
51 30.6	27.0 40.6
86 63.9	50.3 75.5



#25
2-Butanone
Concen: 1.88 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23

Tgt Ion: 43	Resp: 1205		
Ion Ratio	Lower	Upper	
43 100			
72 19.1	23.7	35.5#	





#29

Tetrahydrofuran

Concen: 0.49 ug/l

RT: 5.025 min Scan# 646

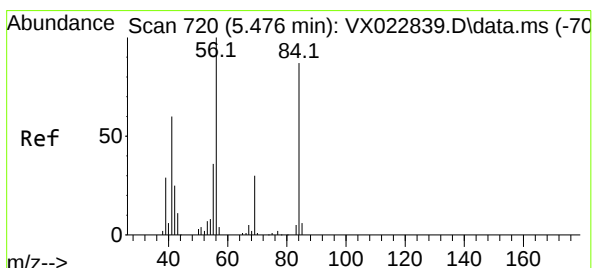
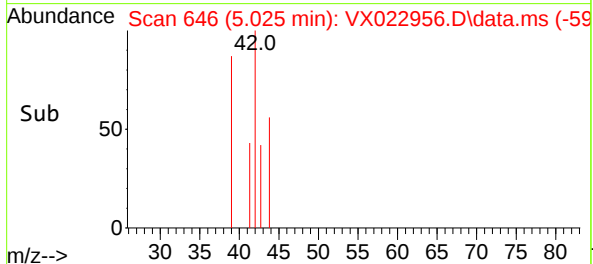
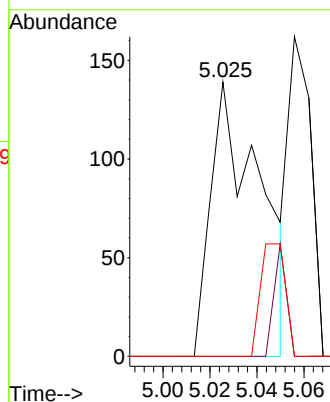
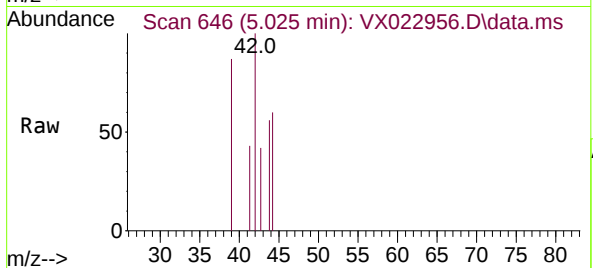
Delta R.T. 0.006 min

Lab File: VX022956.D

Acq: 26 Jun 2021 05:23

Tgt Ion: 42	Resp: 201
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: 1.27 ug/l

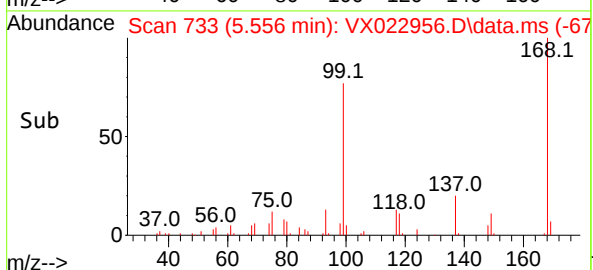
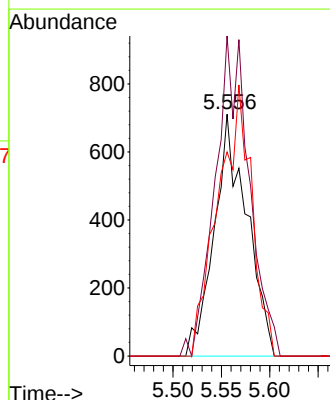
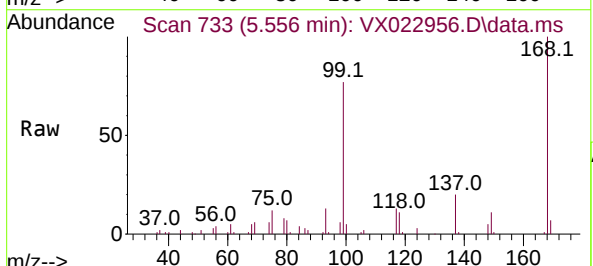
RT: 5.556 min Scan# 733

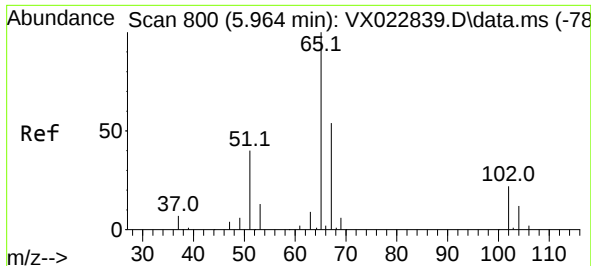
Delta R.T. 0.080 min

Lab File: VX022956.D

Acq: 26 Jun 2021 05:23

Tgt Ion: 56	Resp: 1665
Ion Ratio	Lower Upper
56 100	
69 132.3	25.3 37.9#
84 84.4	71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 52.07 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022956.D

Acq: 26 Jun 2021 05:23

Tgt Ion: 65 Resp: 48537

Ion Ratio Lower Upper

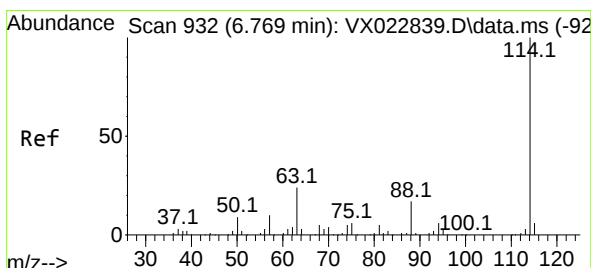
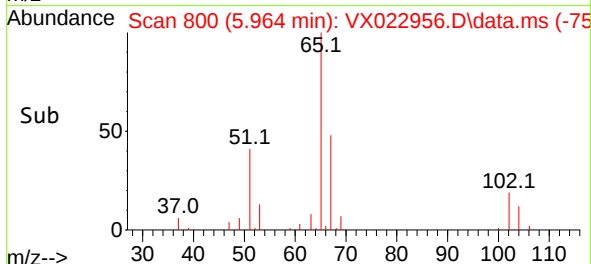
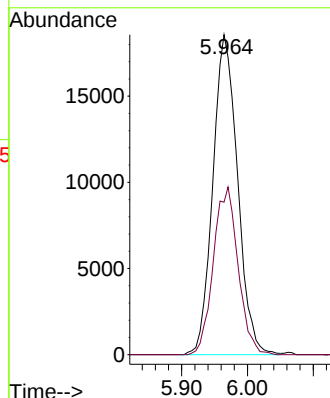
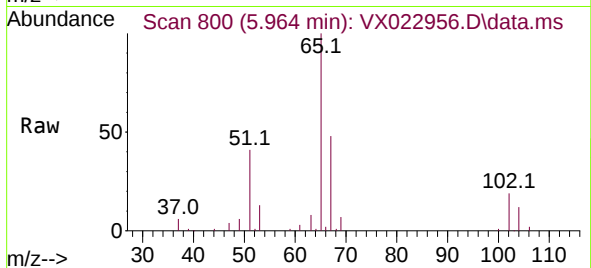
65 100

67 52.4 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022956.D

Acq: 26 Jun 2021 05:23

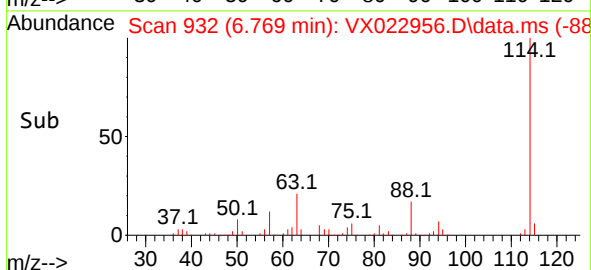
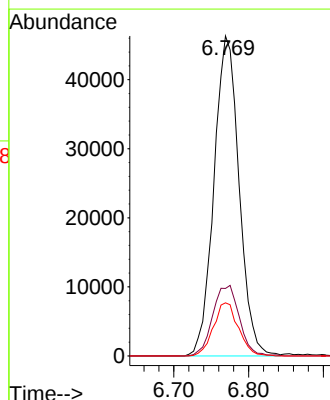
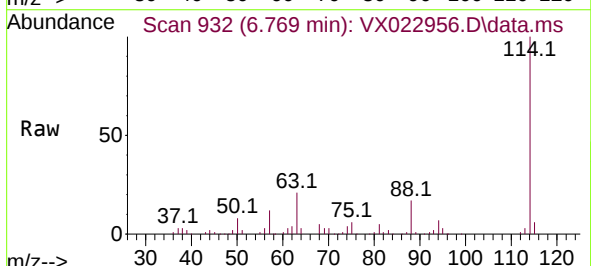
Tgt Ion: 114 Resp: 108381

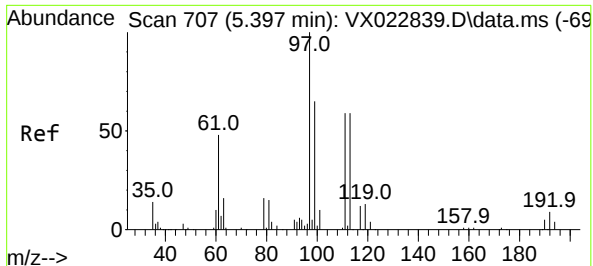
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.65 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022956.D

Acq: 26 Jun 2021 05:23

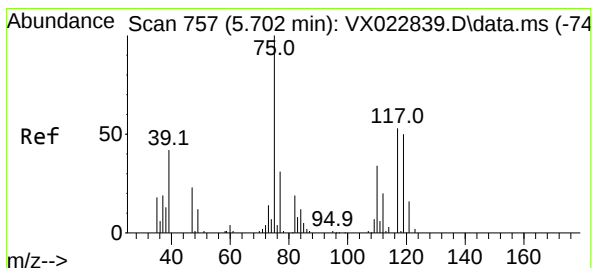
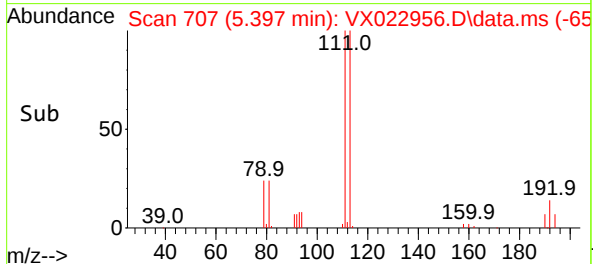
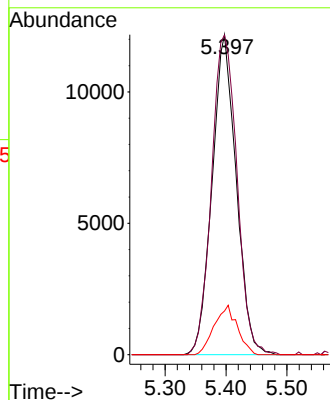
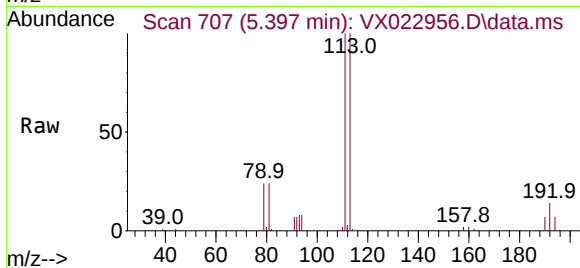
Tgt Ion:113 Resp: 33480

Ion Ratio Lower Upper

113 100

111 105.4 81.9 122.9

192 14.8 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.66 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022956.D

Acq: 26 Jun 2021 05:23

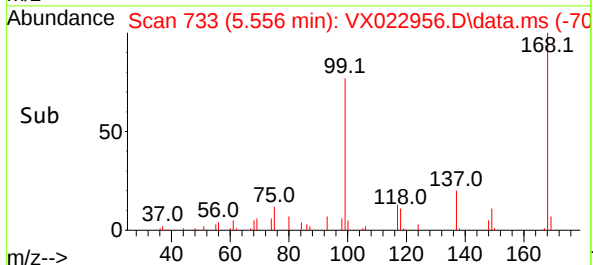
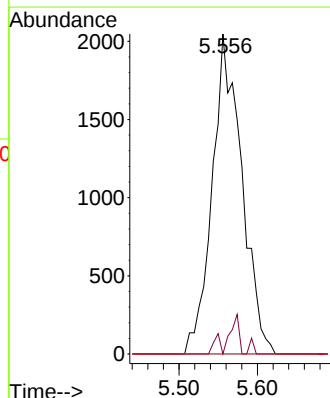
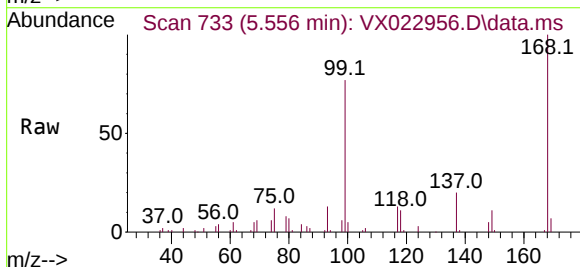
Tgt Ion: 75 Resp: 5361

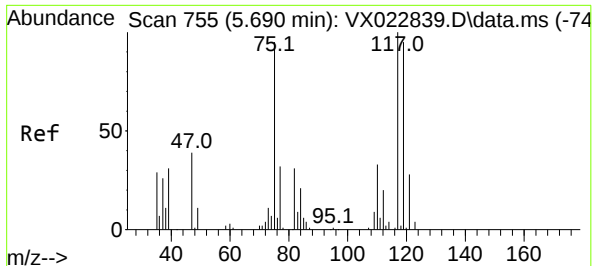
Ion Ratio Lower Upper

75 100

110 1.4 18.1 54.4#

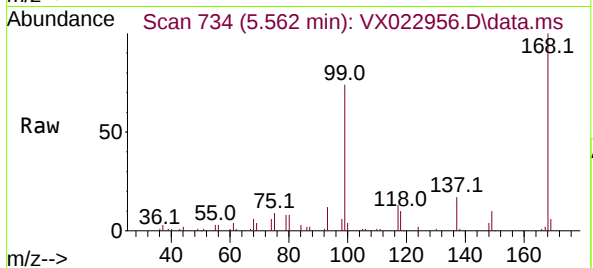
77 0.0 25.3 37.9#



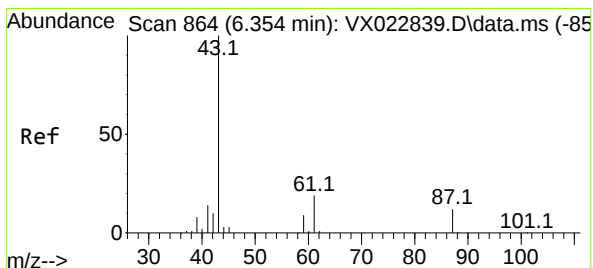
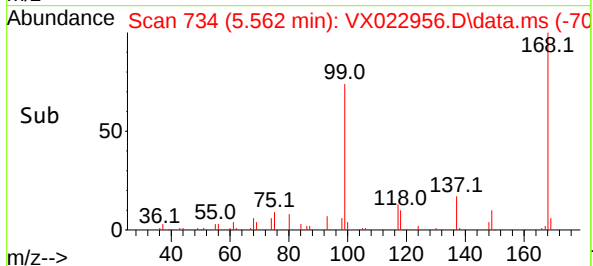
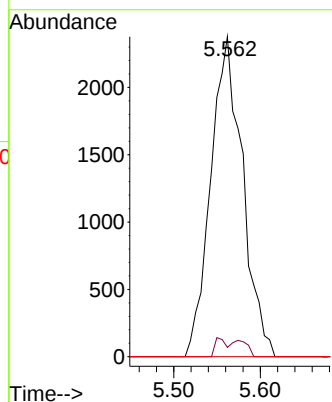


#38
Carbon Tetrachloride
Concen: 6.29 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23

Instrument :
MSVOA_X
ClientSampled :

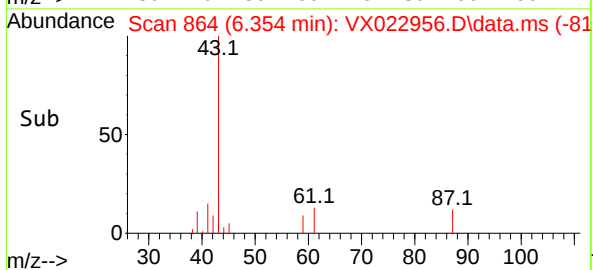
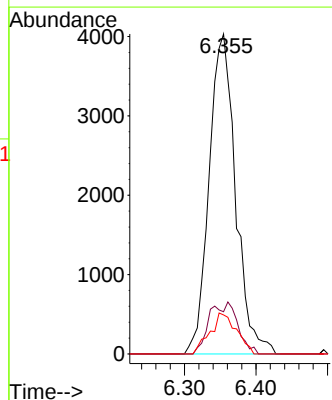
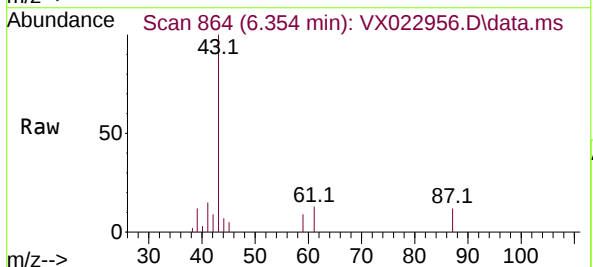


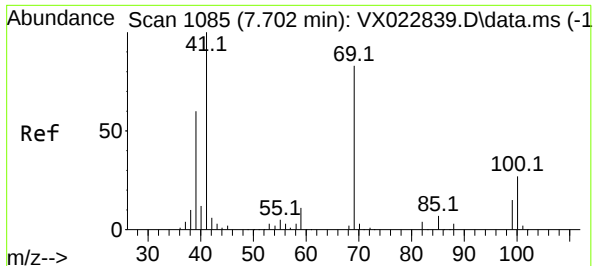
Tgt Ion:117 Resp: 6078
Ion Ratio Lower Upper
117 100
119 2.9 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 4.84 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.000 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23

Tgt Ion: 43 Resp: 10384
Ion Ratio Lower Upper
43 100
61 9.7 18.2 27.4#
87 12.7 12.5 18.7





#48

Methyl methacrylate

Concen: 3.08 ug/l

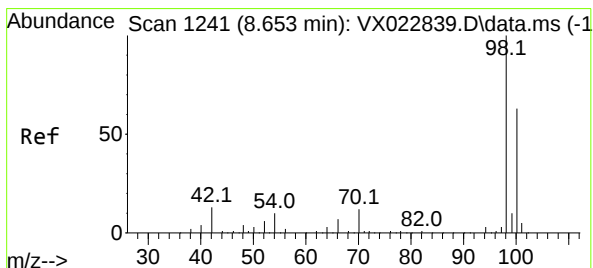
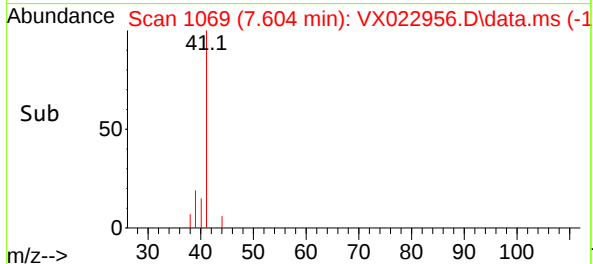
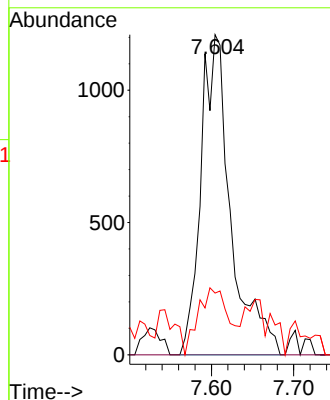
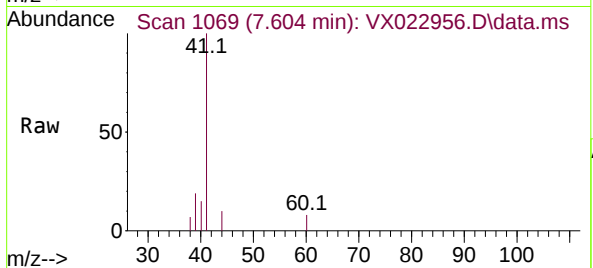
RT: 7.604 min Scan# 1069

Delta R.T. -0.098 min

Lab File: VX022956.D

Acq: 26 Jun 2021 05:23

Tgt Ion:	41	Resp:	3052
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#



#50

Toluene-d8

Concen: 52.16 ug/l

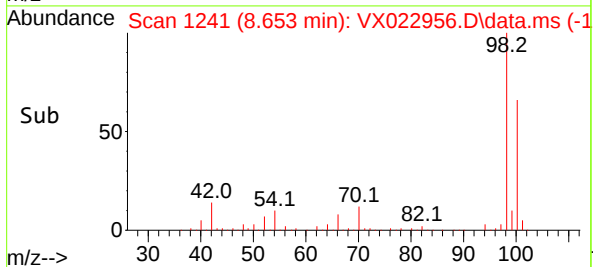
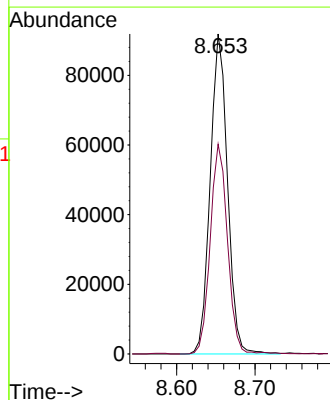
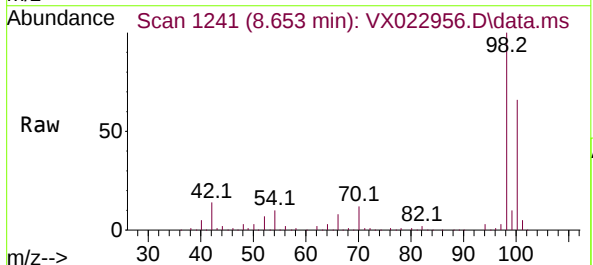
RT: 8.653 min Scan# 1241

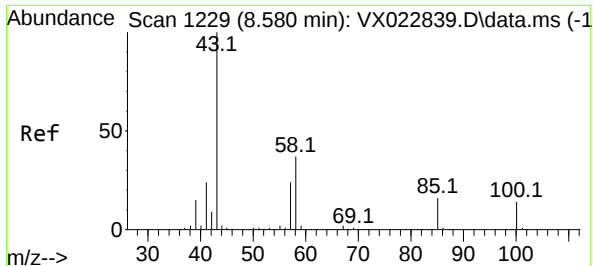
Delta R.T. -0.000 min

Lab File: VX022956.D

Acq: 26 Jun 2021 05:23

Tgt Ion:	98	Resp:	140690
Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.9	77.9

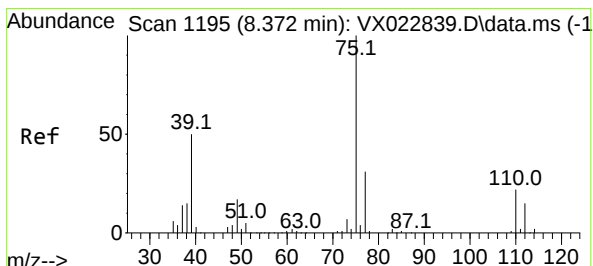
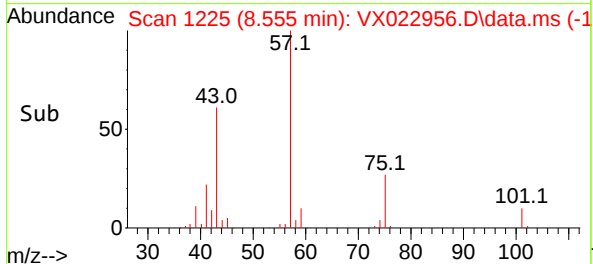
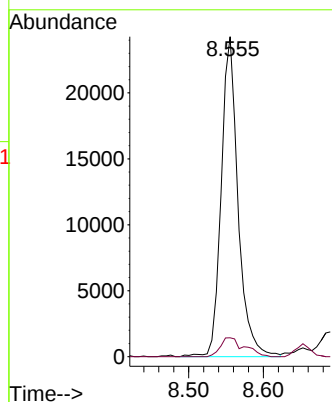
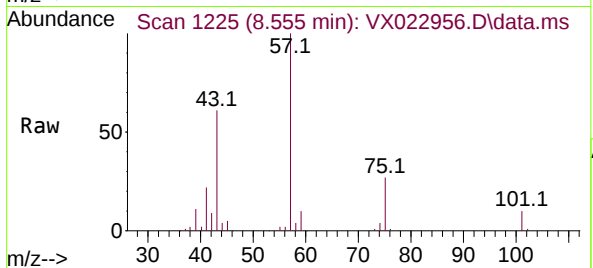




#51
4-Methyl-2-Pentanone
Concen: 28.49 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23

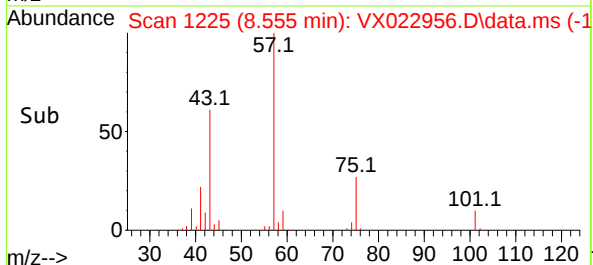
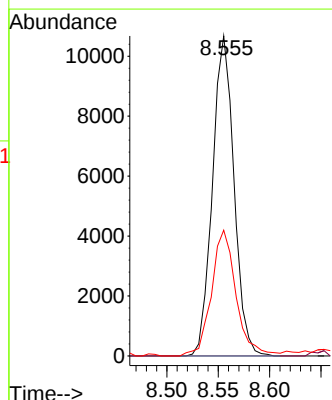
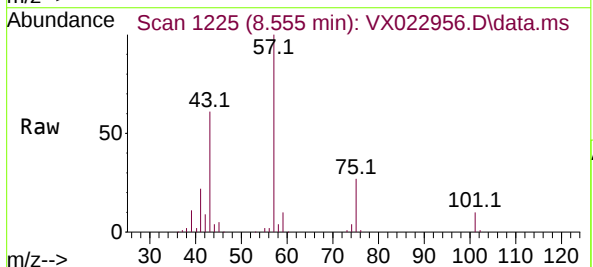
Instrument :
MSVOA_X
ClientSampled :

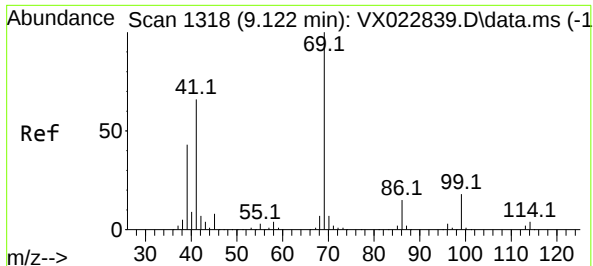
Tgt Ion: 43 Resp: 38018
Ion Ratio Lower Upper
43 100
58 8.4 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 12.72 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23

Tgt Ion: 75 Resp: 15556
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 39.3 35.1 52.7

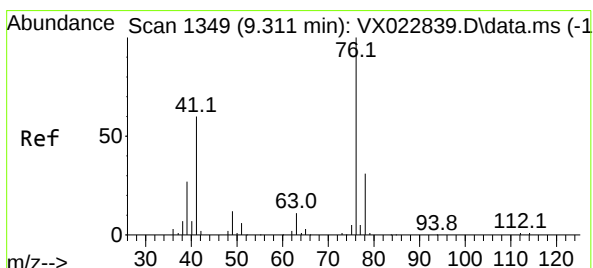
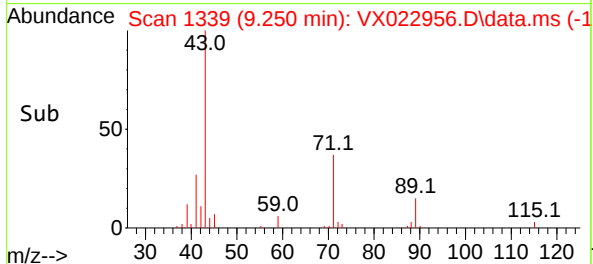
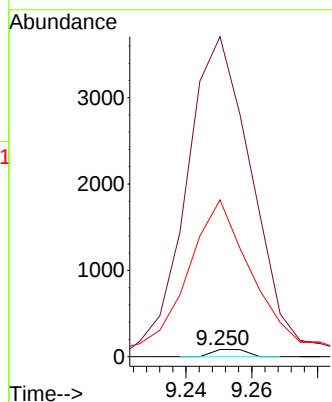
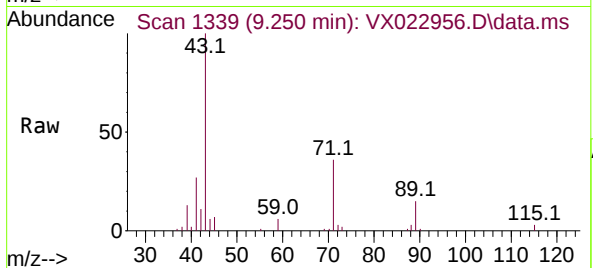




#56
Ethyl methacrylate
Concen: 2.62 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. 0.128 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23

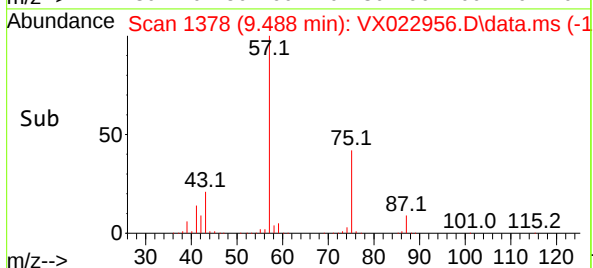
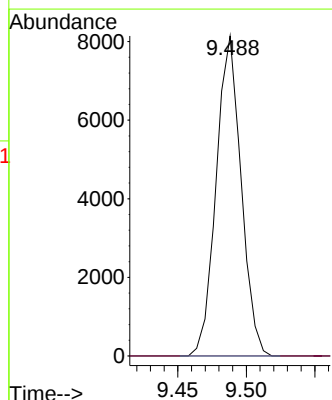
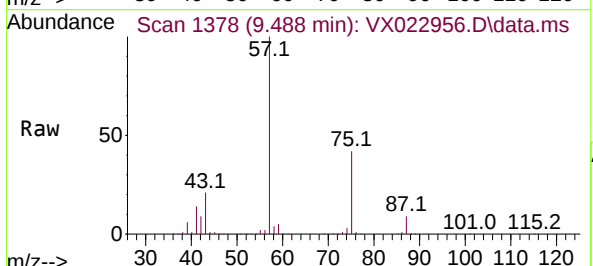
Instrument :
MSVOA_X
ClientSampled :

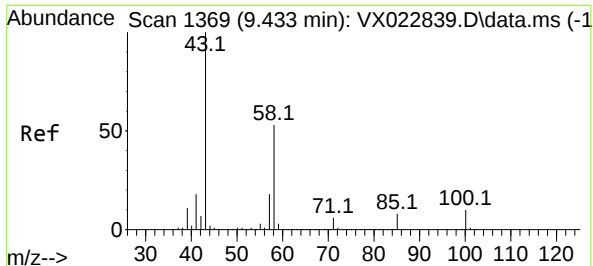
Tgt Ion: 69 Resp: 60
Ion Ratio Lower Upper
69 100
41 8750.0 46.8 70.2#
39 4038.3 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 7.03 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23

Tgt Ion: 76 Resp: 10294
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

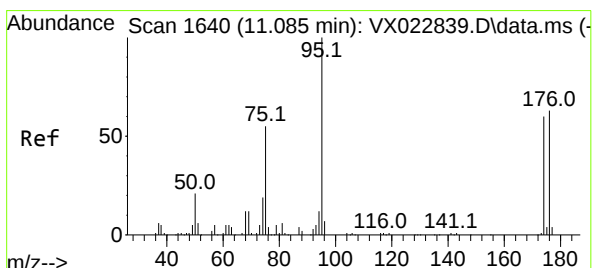
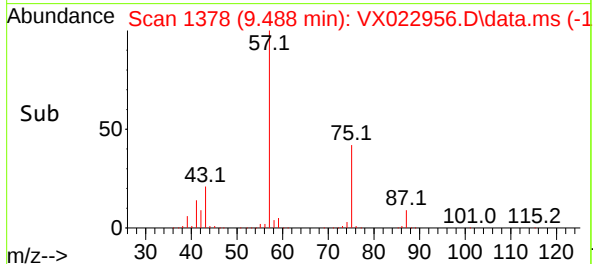
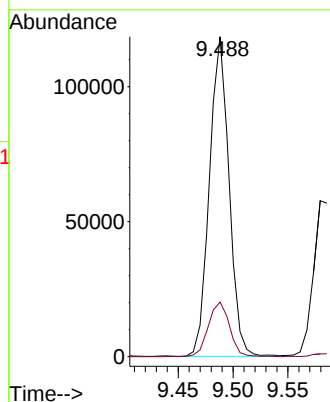
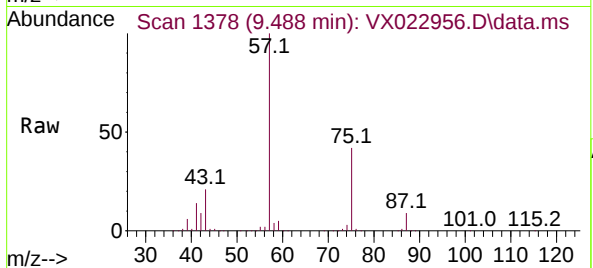




#59
2-Hexanone
Concen: 145.72 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23

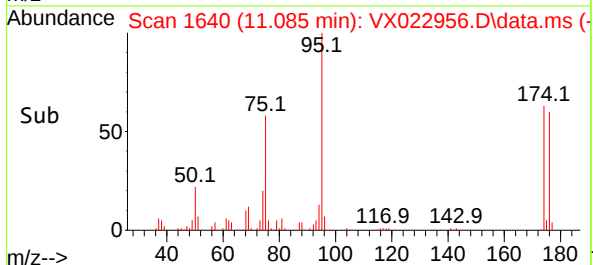
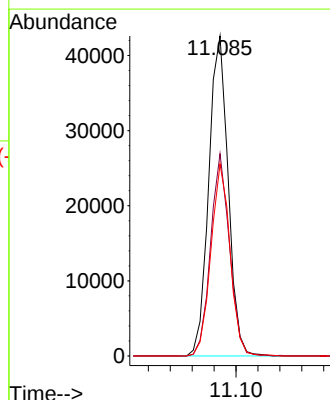
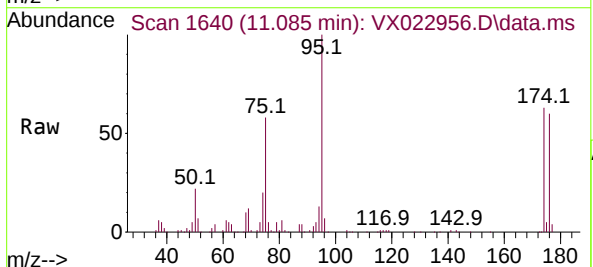
Instrument :
MSVOA_X
ClientSampled :

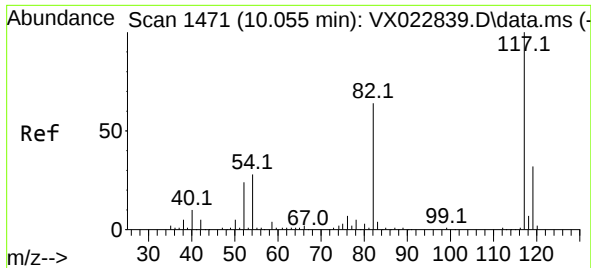
Tgt Ion: 43 Resp: 147508
Ion Ratio Lower Upper
43 100
58 18.5 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 51.96 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23

Tgt Ion: 95 Resp: 52306
Ion Ratio Lower Upper
95 100
174 61.8 0.0 154.6
176 59.3 0.0 155.8

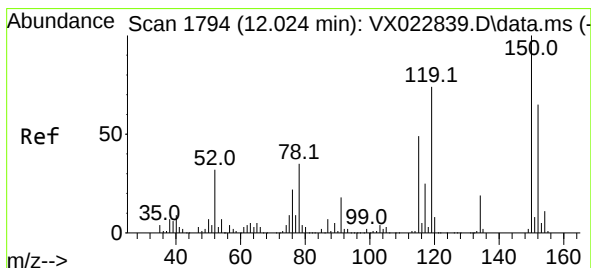
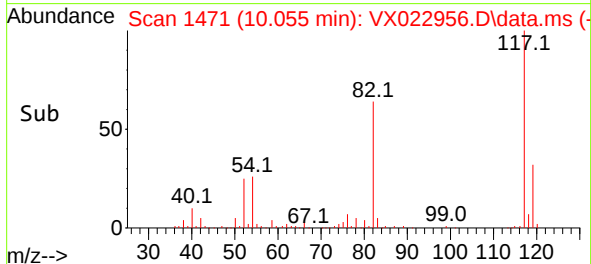
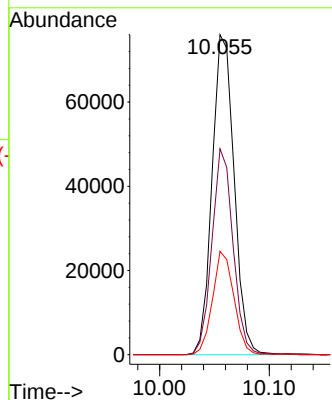
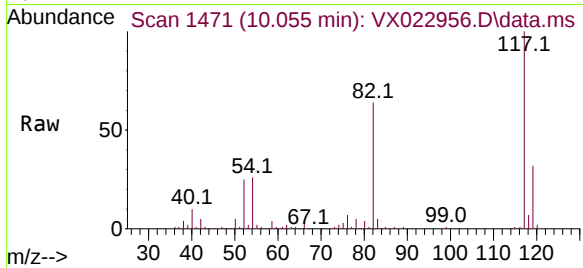




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23

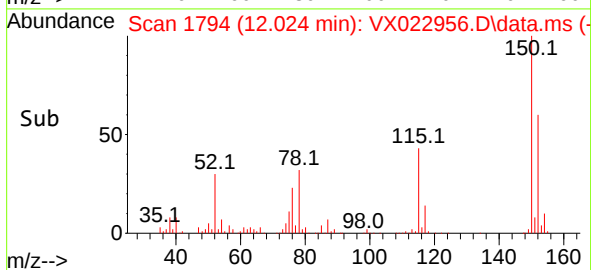
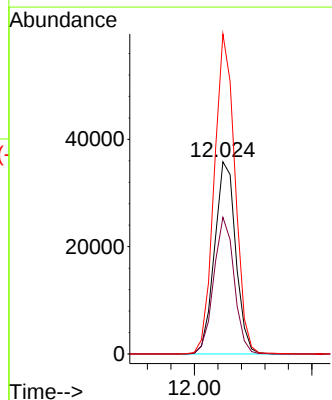
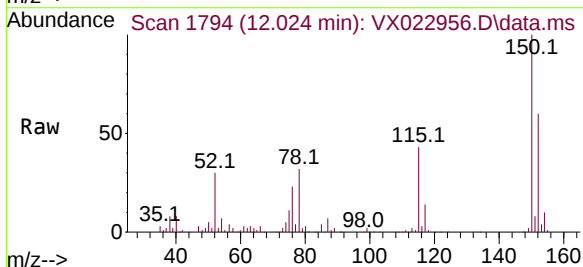
Instrument :
MSVOA_X
ClientSampled :

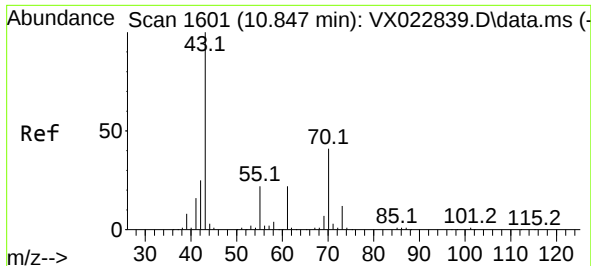
Tgt Ion:117 Resp: 106229
Ion Ratio Lower Upper
117 100
82 64.4 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23

Tgt Ion:152 Resp: 44852
Ion Ratio Lower Upper
152 100
115 68.5 41.1 123.3
150 162.9 0.0 349.0

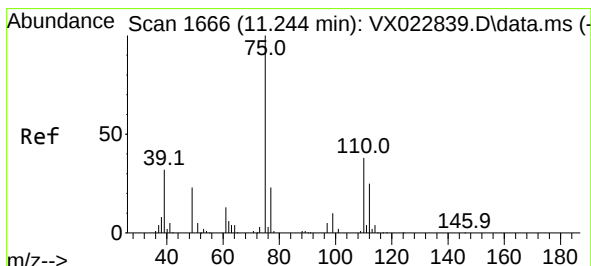
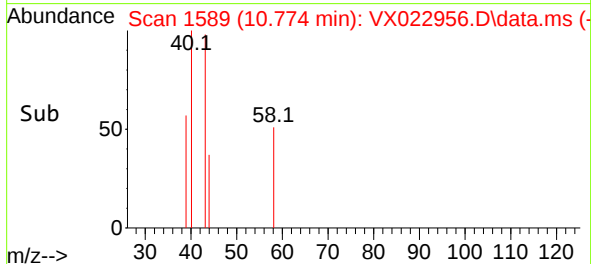
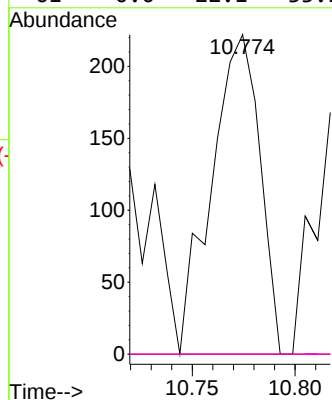
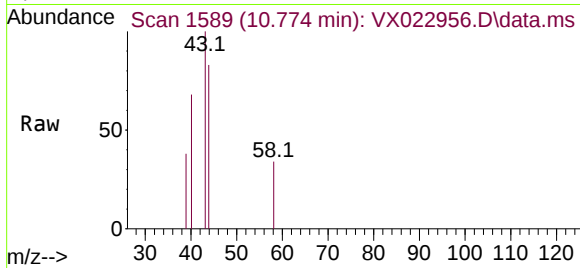




#74
N-amy1 acetate
Concen: 2.22 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.073 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23

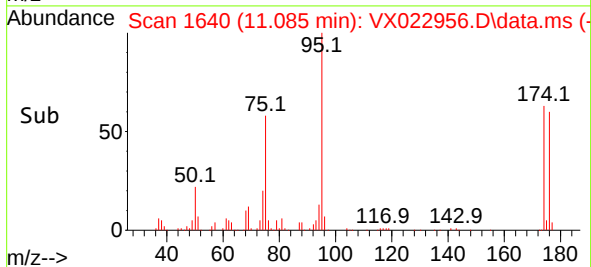
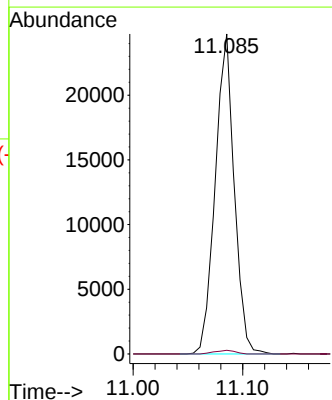
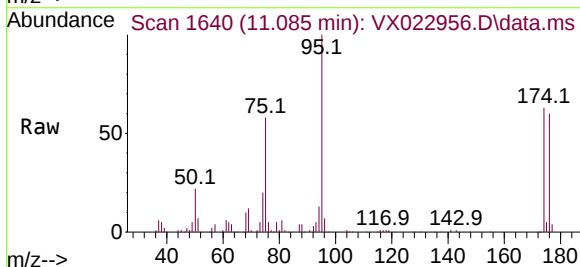
Instrument :
MSVOA_X
ClientSampleId :

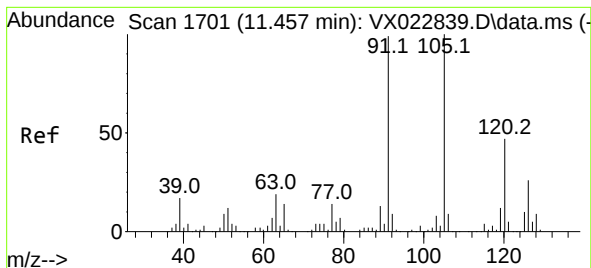
Tgt Ion: 43	Resp: 364
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 25.15 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23

Tgt Ion: 75	Resp: 29793
Ion Ratio	Lower Upper
75 100	
77 1.2	19.1 57.5#





#80

1,3,5-Trimethylbenzene

Concen: 0.31 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VX022956.D

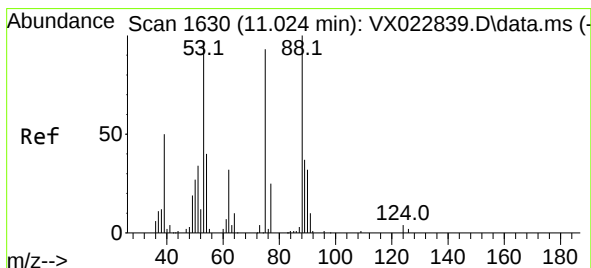
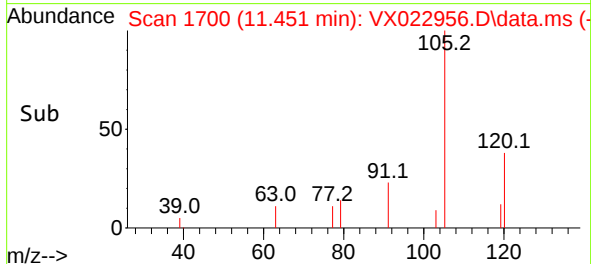
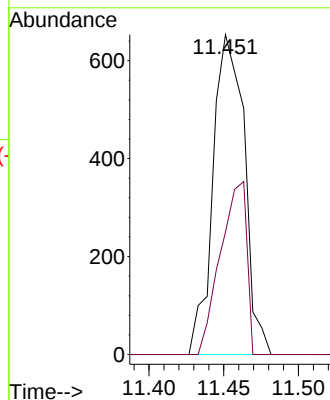
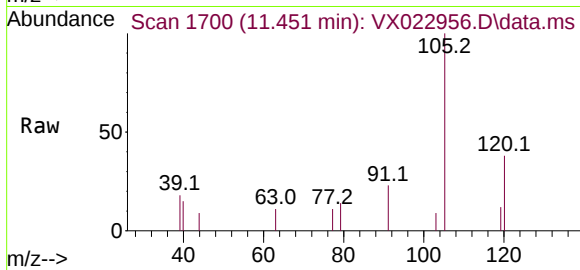
Acq: 26 Jun 2021 05:23

Tgt Ion:105 Resp: 956

Ion Ratio Lower Upper

105 100

120 45.1 23.8 71.5



#81

trans-1,4-Dichloro-2-butene

Concen: 65.59 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX022956.D

Acq: 26 Jun 2021 05:23

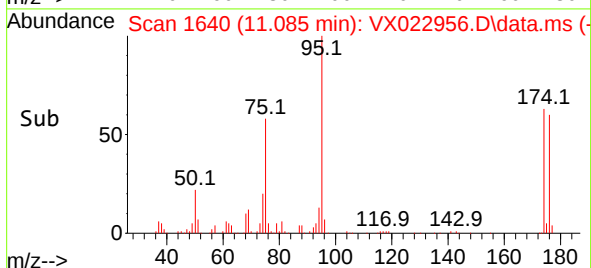
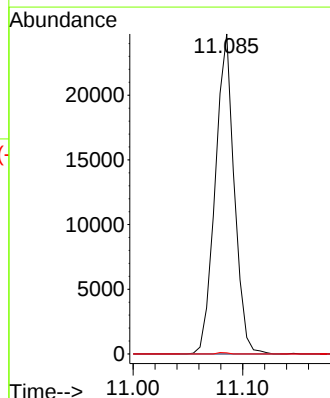
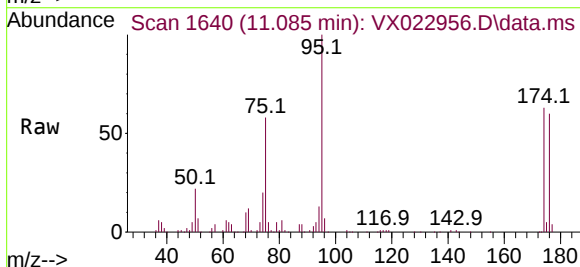
Tgt Ion: 75 Resp: 29793

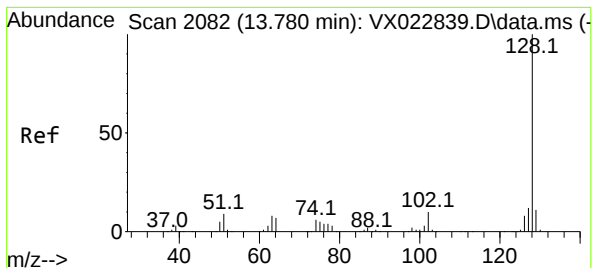
Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.2 37.9 56.9#





#95
Naphthalene
Concen: 1.94 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022956.D
Acq: 26 Jun 2021 05:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 61
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

