

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060921\
 Data File : VX022625.D
 Acq On : 09 Jun 2021 19:38
 Operator : JC/MD
 Sample : PB136928TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 10 05:46:00 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)

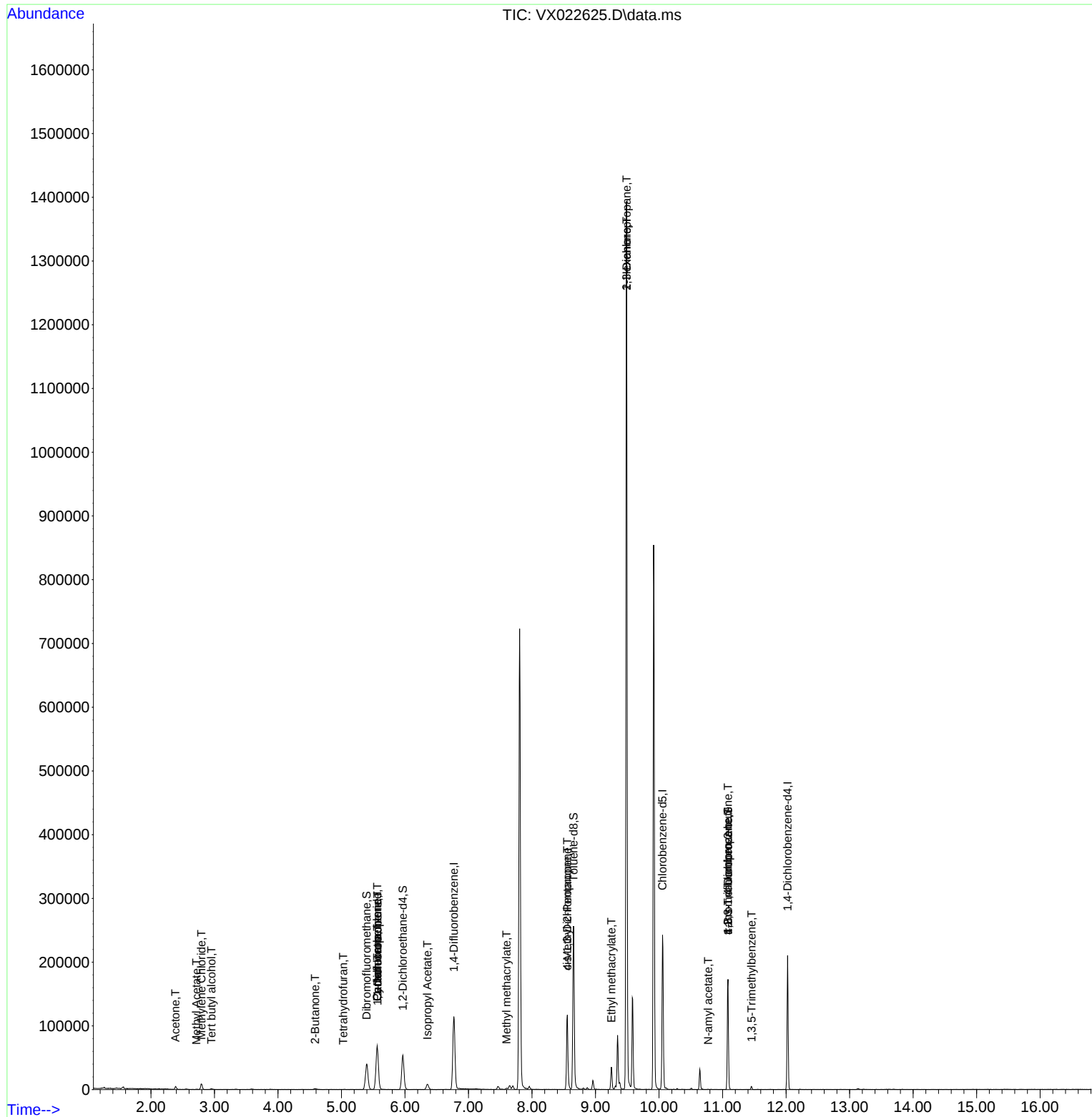
Internal Standards						
1) Pentafluorobenzene	5.562	168	55216	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	112319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47906	48.80	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.60%		
35) Dibromofluoromethane	5.397	113	33807	48.11	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.22%		
50) Toluene-d8	8.653	98	143036	51.01	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.02%		
62) 4-Bromofluorobenzene	11.085	95	46809	44.91	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.82%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	842	3.82	ug/l	# 73
16) Acetone	2.386	43	4800	10.88	ug/l	97
18) Methyl Acetate	2.715	43	487	0.40	ug/l	# 73
20) Methylene Chloride	2.794	84	3691	4.01	ug/l	# 83
25) 2-Butanone	4.587	43	1311	1.80	ug/l	89
29) Tetrahydrofuran	5.025	42	134	0.31	ug/l	# 27
31) Cyclohexane	5.562	56	1568	1.35	ug/l	# 1
36) 1,1-Dichloropropene	5.568	75	5755	5.30	ug/l	# 47
38) Carbon Tetrachloride	5.562	117	6799	8.53	ug/l	# 16
43) Isopropyl Acetate	6.354	43	11251	4.98	ug/l	94
48) Methyl methacrylate	7.598	41	3278	3.12	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	40536	28.78	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	18416	14.37	ug/l	# 65
56) Ethyl methacrylate	9.250	69	98	2.76	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	10893	7.34	ug/l	# 42
59) 2-Hexanone	9.488	43	156806	145.74	ug/l	# 44
74) N-amyl acetate	10.774	43	330	0.21	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	25448	27.46	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	2062	0.83	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.085	75	25448	67.38	ug/l	# 12

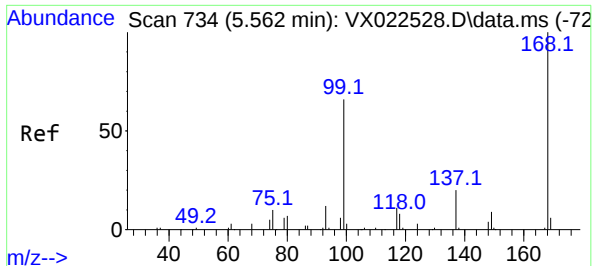
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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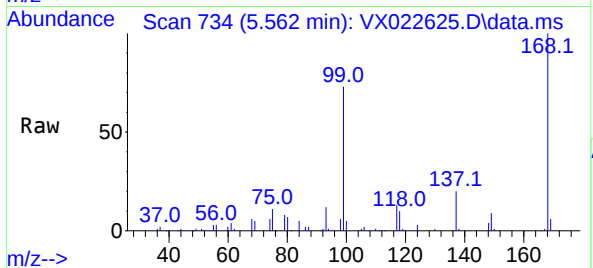
Quant Time: Jun 10 05:46:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration



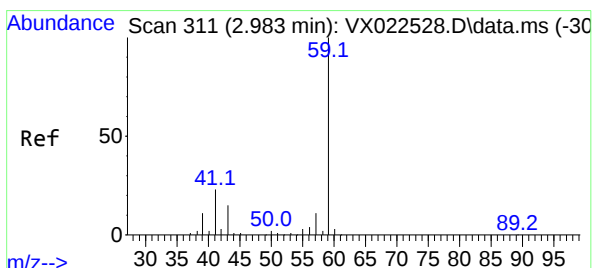
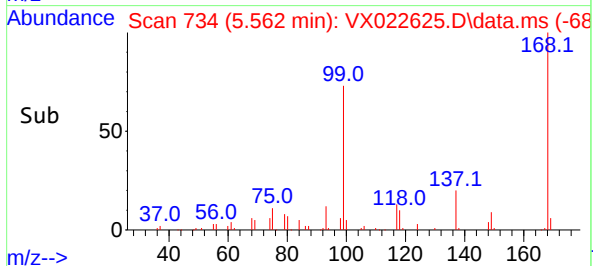
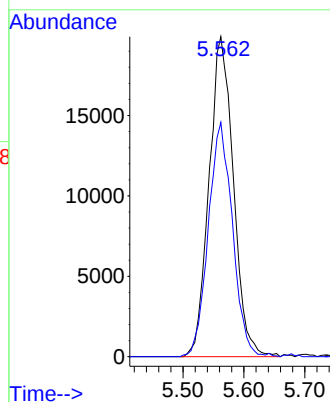


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

Instrument :
MSVOA_X
ClientSampleId :

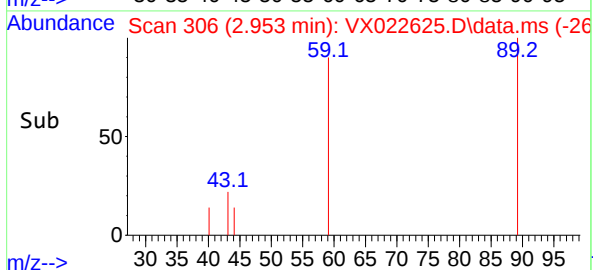
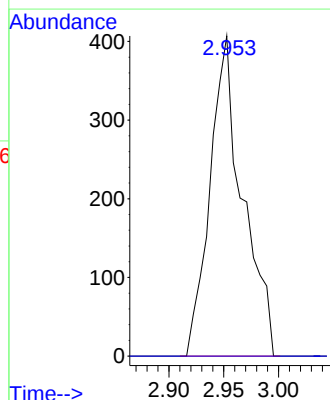
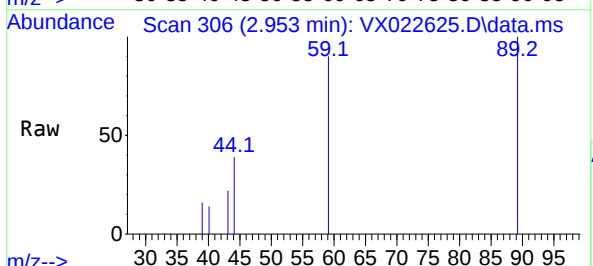


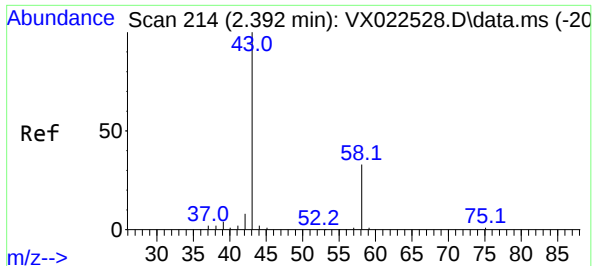
Tgt Ion:168 Resp: 55216
Ion Ratio Lower Upper
168 100
99 73.2 45.8 68.6#



#11
Tert butyl alcohol
Concen: 3.82 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

Tgt Ion: 59 Resp: 842
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

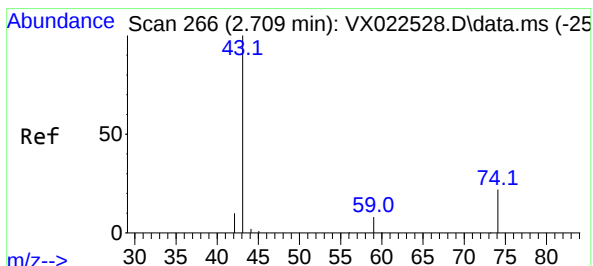
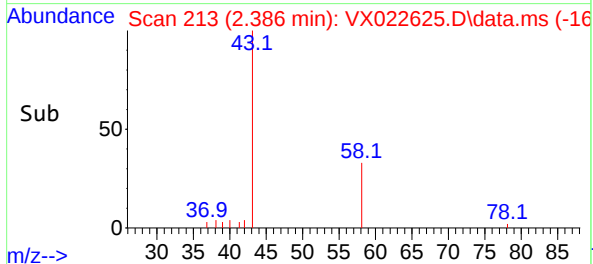
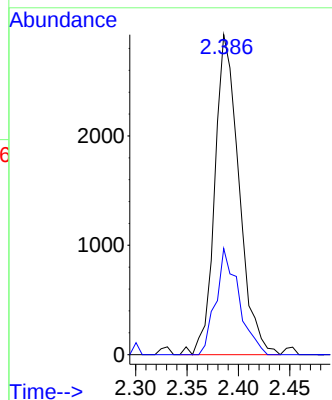
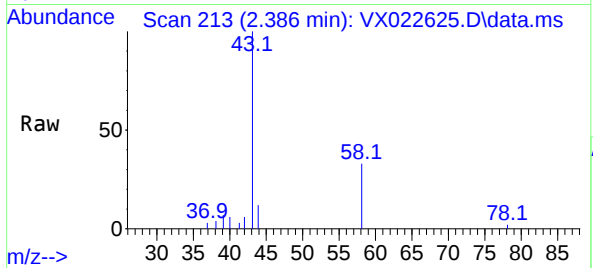




#16
Acetone
Concen: 10.88 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

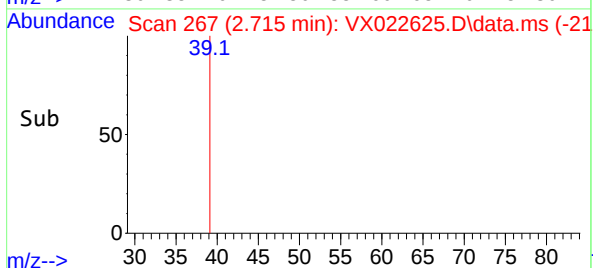
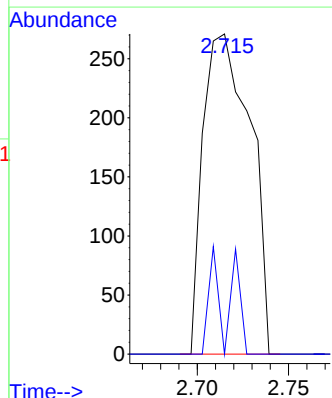
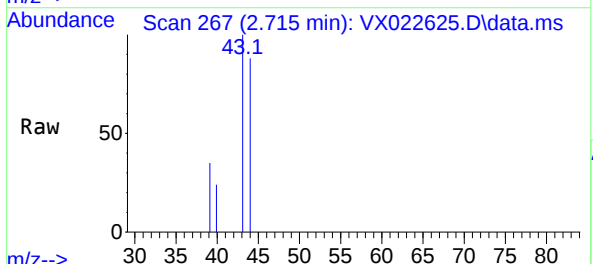
Instrument :
MSVOA_X
ClientSampleId :

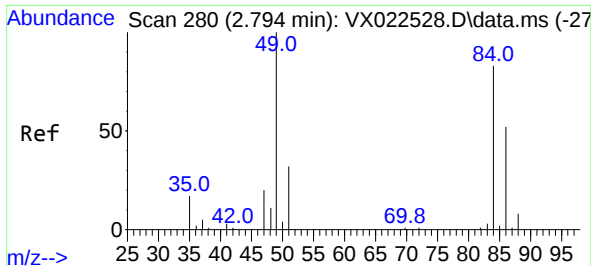
Tgt Ion: 43 Resp: 4800
Ion Ratio Lower Upper
43 100
58 33.2 27.8 41.8



#18
Methyl Acetate
Concen: 0.40 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
74 13.6 21.9 32.9#



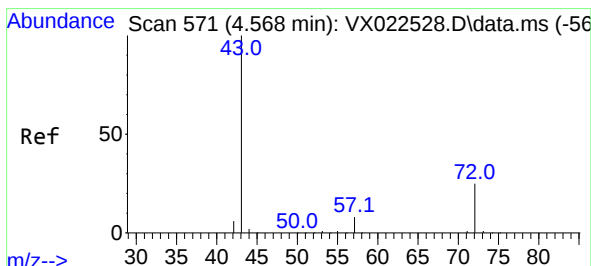
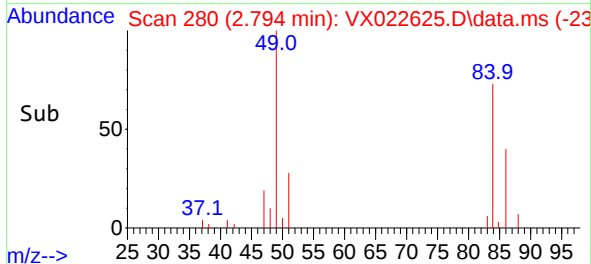
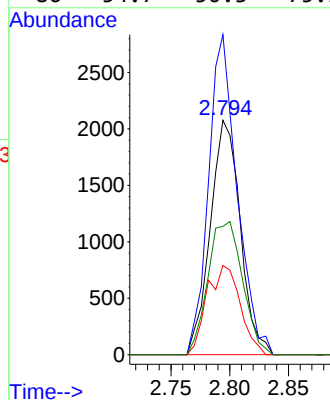
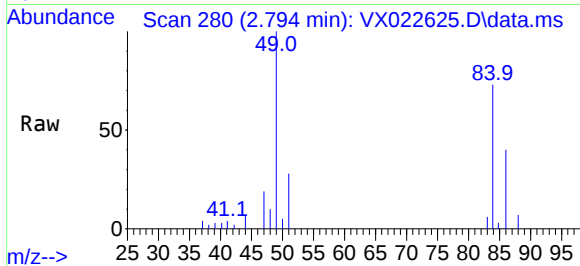


#20
Methylene Chloride
Concen: 4.01 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 3691

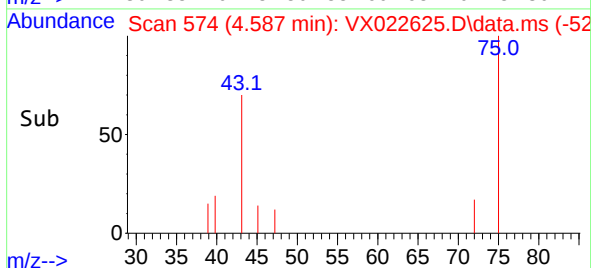
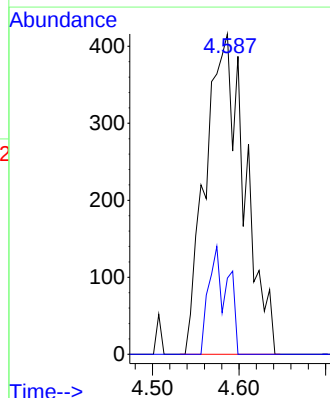
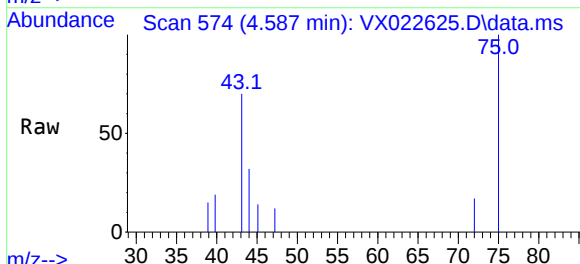
Ion	Ratio	Lower	Upper
84	100		
49	136.5	88.6	132.8#
51	38.1	27.0	40.6
86	54.7	50.3	75.5

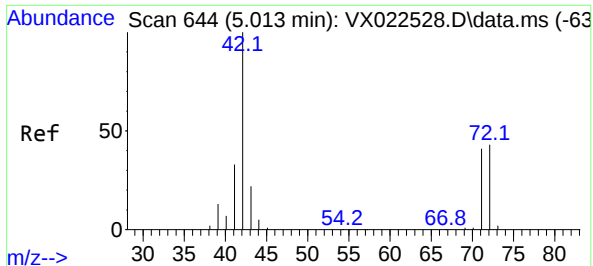


#25
2-Butanone
Concen: 1.80 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

Tgt Ion: 43 Resp: 1311

Ion	Ratio	Lower	Upper
43	100		
72	23.8	23.7	35.5





#29

Tetrahydrofuran

Concen: 0.31 ug/l

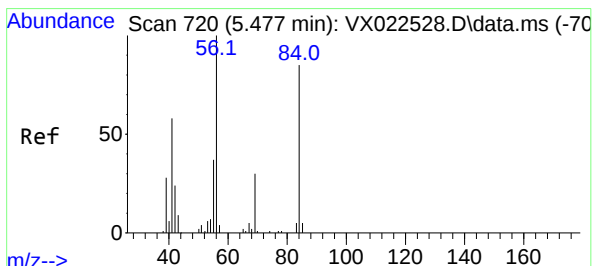
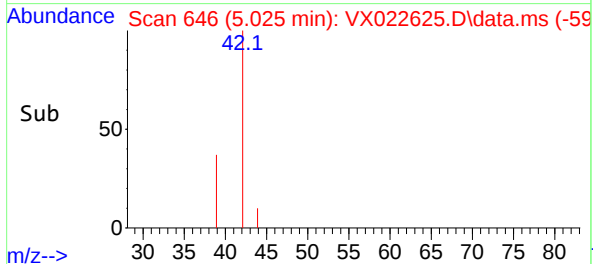
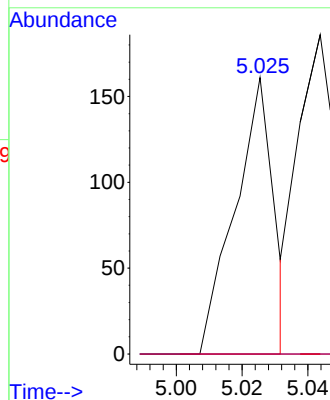
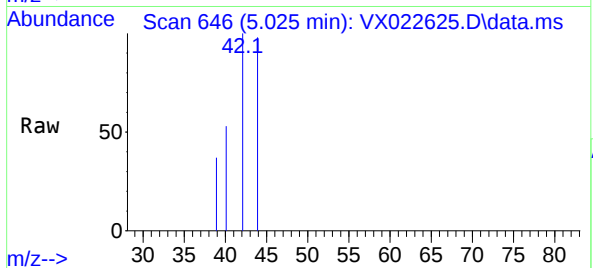
RT: 5.025 min Scan# 646

Delta R.T. 0.012 min

Lab File: VX022625.D

Acq: 09 Jun 2021 19:38

Tgt Ion: 42	Resp:	134
Ion	Ratio	Lower Upper
42	100	
72	0.0	41.7 62.5#
71	0.0	38.4 57.6#



#31

Cyclohexane

Concen: 1.35 ug/l

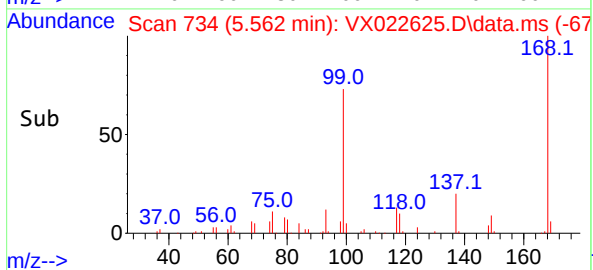
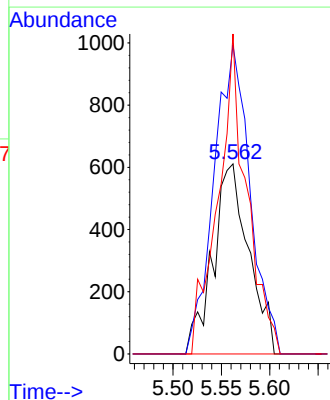
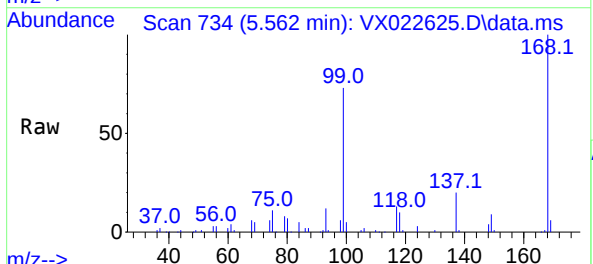
RT: 5.562 min Scan# 734

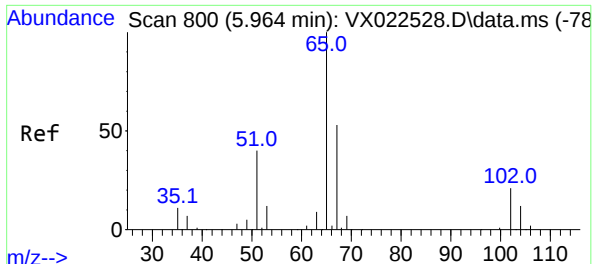
Delta R.T. 0.085 min

Lab File: VX022625.D

Acq: 09 Jun 2021 19:38

Tgt Ion: 56	Resp:	1568
Ion	Ratio	Lower Upper
56	100	
69	162.7	25.3 37.9#
84	168.4	71.4 107.0#



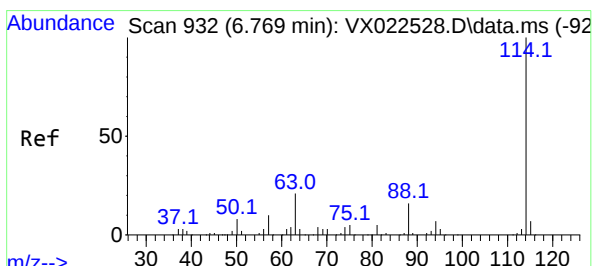
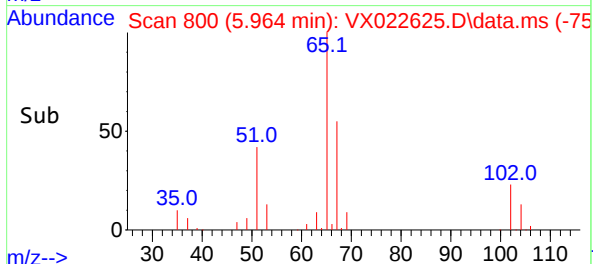
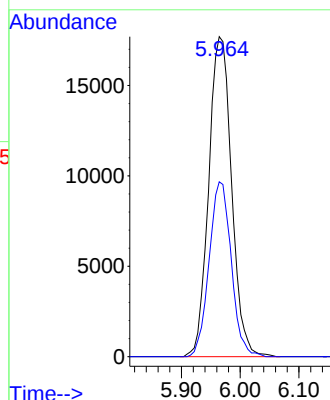
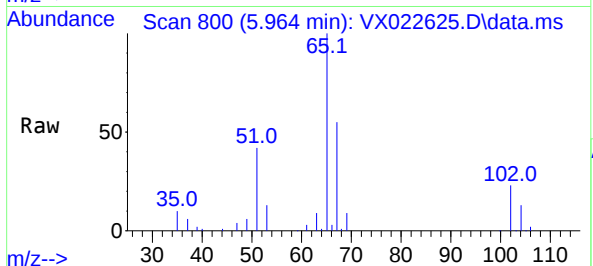


#33

1,2-Dichloroethane-d4
Concen: 48.80 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

Instrument :
MSVOA_X
ClientSampleId :

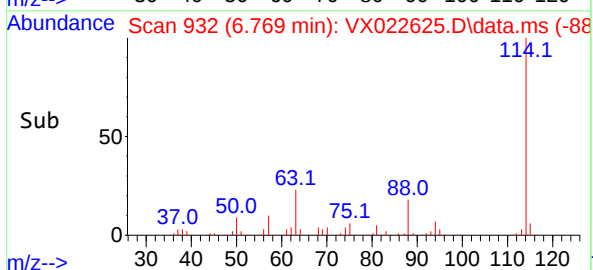
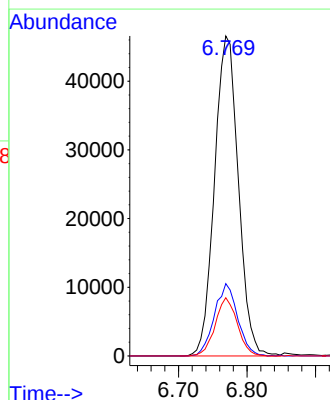
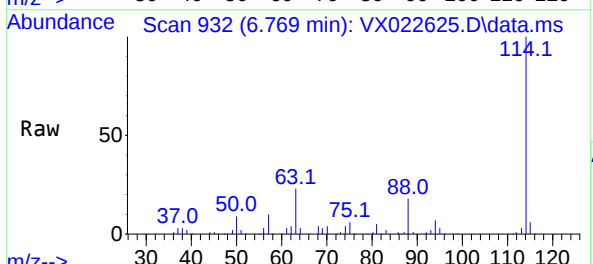
Tgt Ion: 65 Resp: 47906
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4

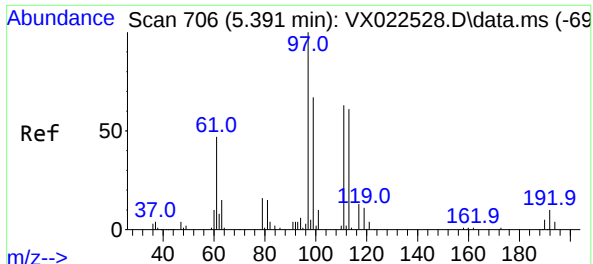


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

Tgt Ion: 114 Resp: 112319
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.8
88 18.2 0.0 32.8

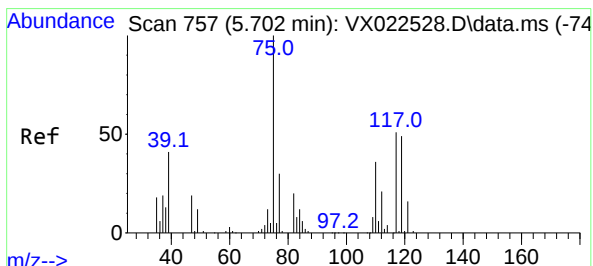
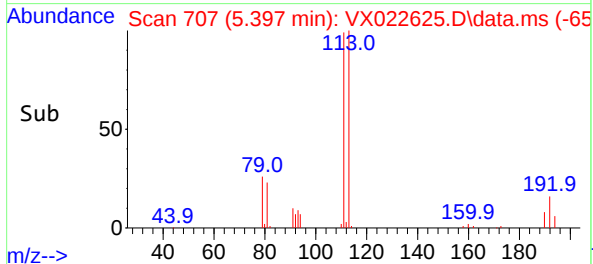
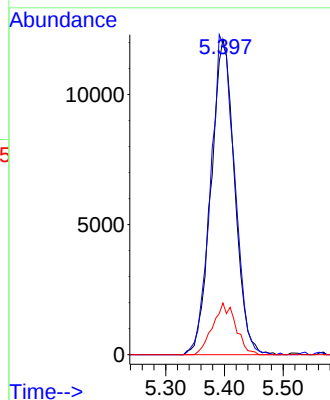
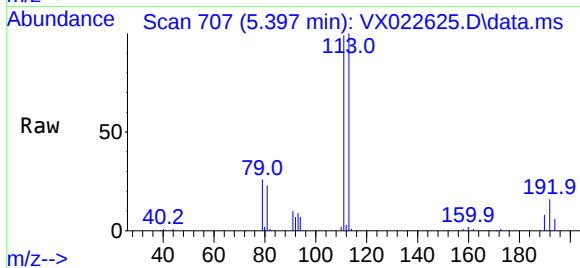




#35
Dibromofluoromethane
Concen: 48.11 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

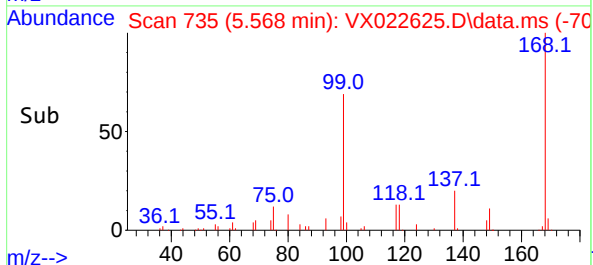
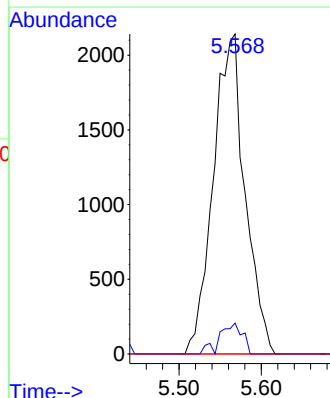
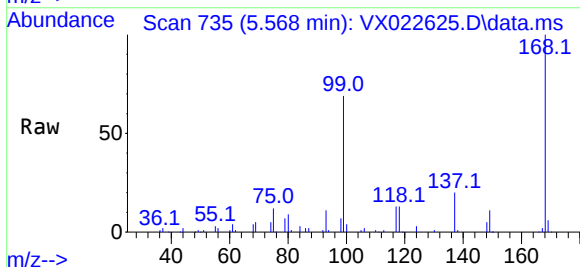
Instrument :
MSVOA_X
ClientSampleId :

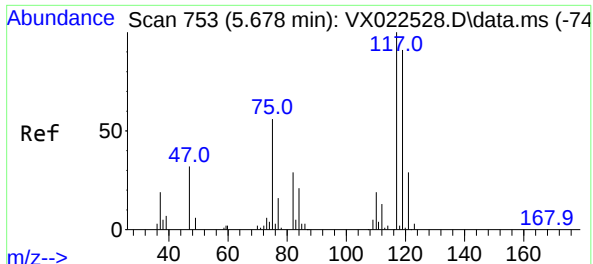
Tgt Ion:113 Resp: 33807
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 16.0 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.30 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

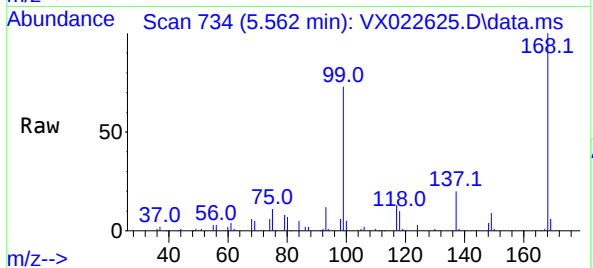
Tgt Ion: 75 Resp: 5755
Ion Ratio Lower Upper
75 100
110 6.9 18.1 54.4#
77 0.0 25.3 37.9#



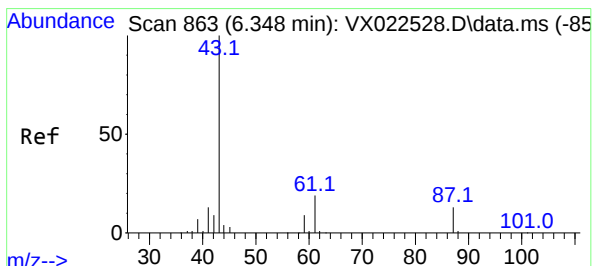
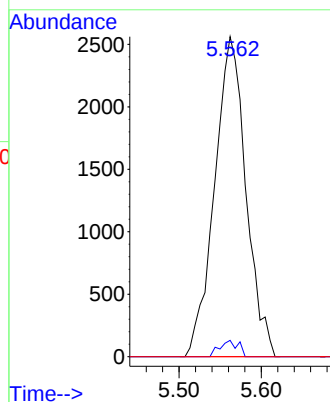
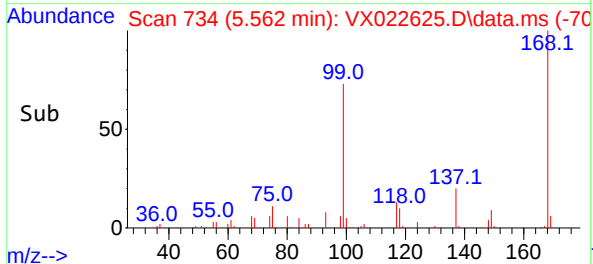


#38
Carbon Tetrachloride
Concen: 8.53 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

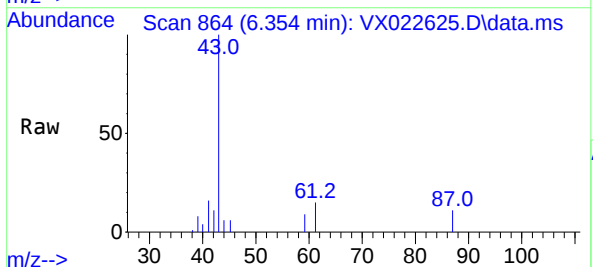
Instrument :
MSVOA_X
ClientSampleId :



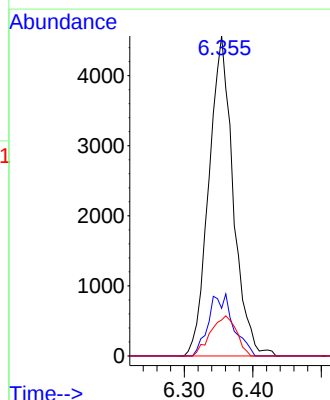
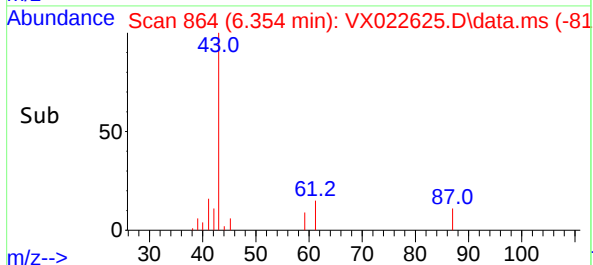
Tgt Ion:117 Resp: 6799
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

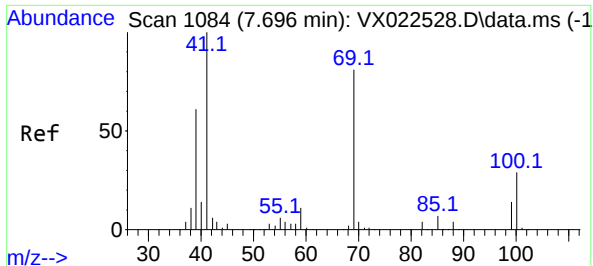


#43
Isopropyl Acetate
Concen: 4.98 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38



Tgt Ion: 43 Resp: 11251
Ion Ratio Lower Upper
43 100
61 19.8 18.2 27.4
87 13.3 12.5 18.7





#48

Methyl methacrylate

Concen: 3.12 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. -0.098 min

Lab File: VX022625.D

Acq: 09 Jun 2021 19:38

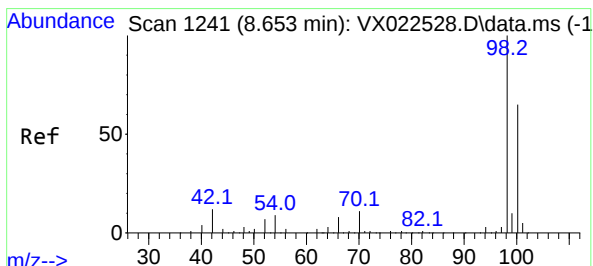
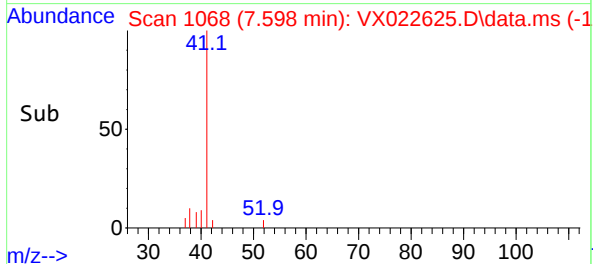
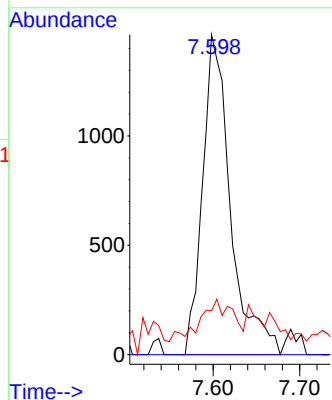
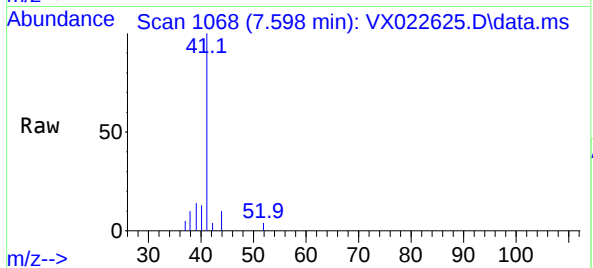
Tgt Ion: 41 Resp: 3278

Ion Ratio Lower Upper

41 100

69 0.0 76.0 114.0#

39 0.0 44.6 67.0#



#50

Toluene-d8

Concen: 51.01 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022625.D

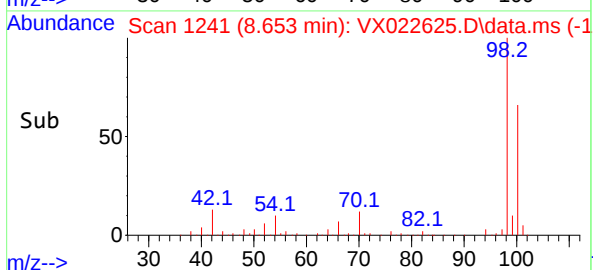
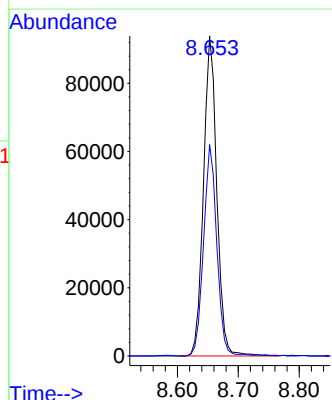
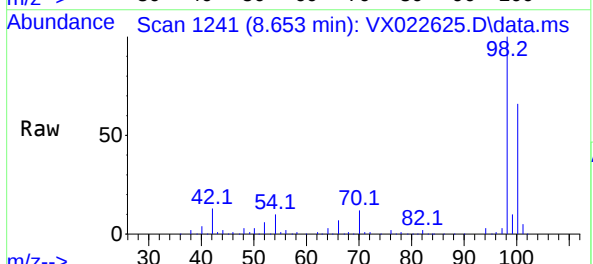
Acq: 09 Jun 2021 19:38

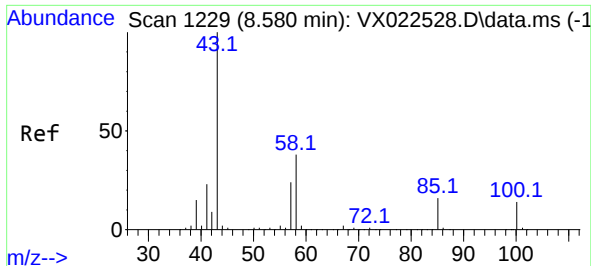
Tgt Ion: 98 Resp: 143036

Ion Ratio Lower Upper

98 100

100 65.8 51.9 77.9

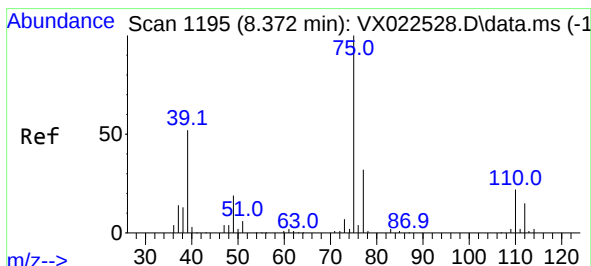
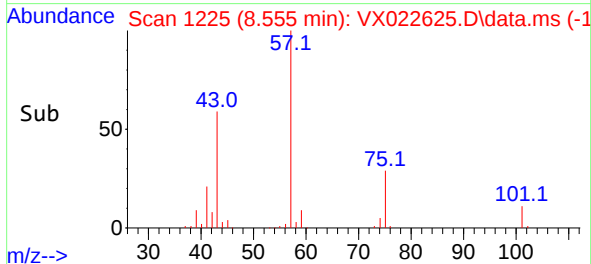
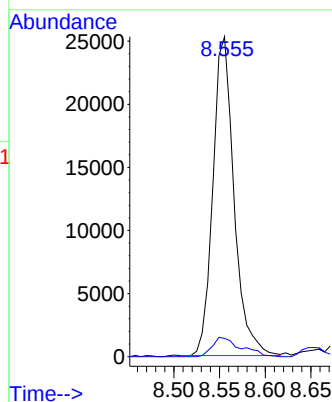
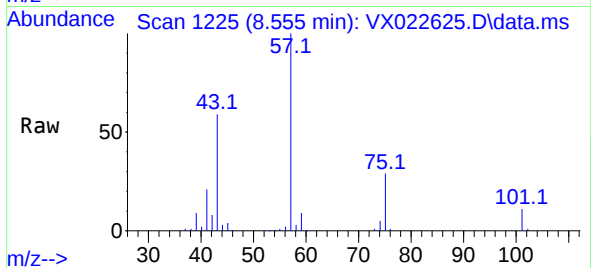




#51
4-Methyl-2-Pentanone
Concen: 28.78 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

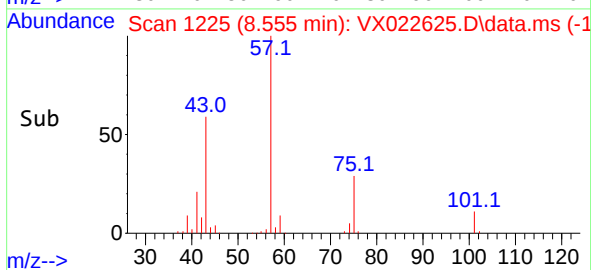
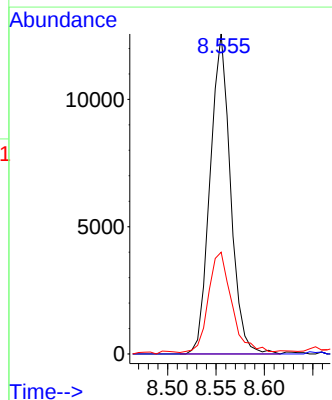
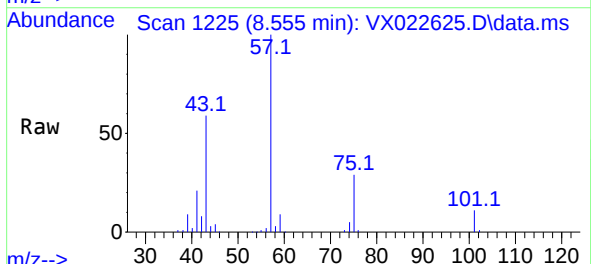
Instrument :
MSVOA_X
ClientSampled :

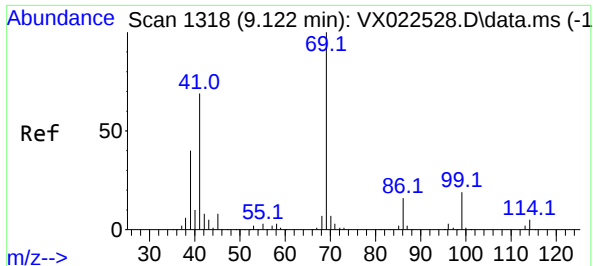
Tgt Ion: 43 Resp: 40536
Ion Ratio Lower Upper
43 100
58 8.2 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 14.37 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

Tgt Ion: 75 Resp: 18416
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 31.4 35.1 52.7#

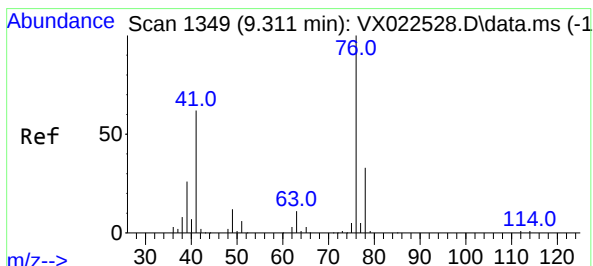
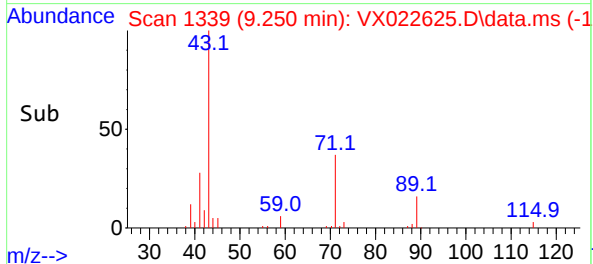
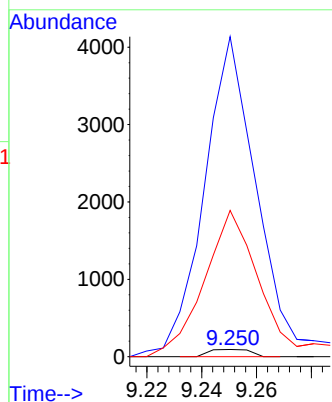
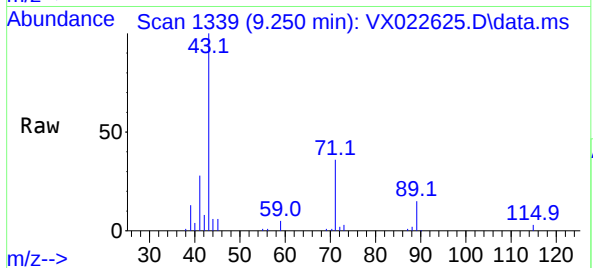




#56
Ethyl methacrylate
Concen: 2.76 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. 0.128 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

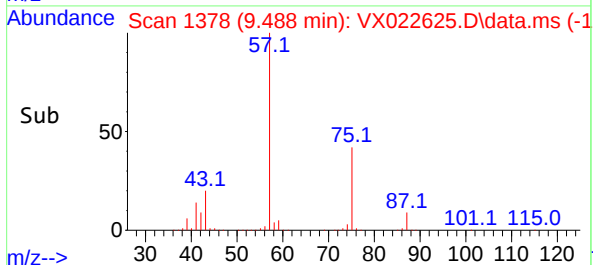
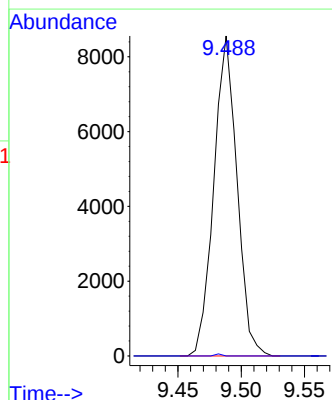
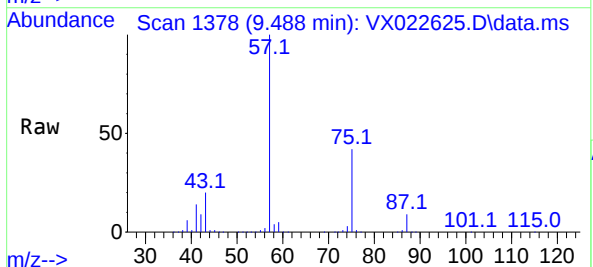
Instrument :
MSVOA_X
ClientSampled :

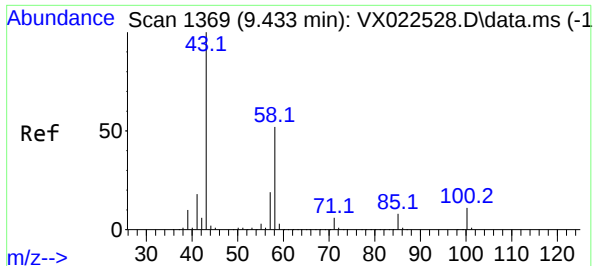
Tgt Ion: 69 Resp: 98
Ion Ratio Lower Upper
69 100
41 5728.6 46.8 70.2#
39 2781.6 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 7.34 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

Tgt Ion: 76 Resp: 10893
Ion Ratio Lower Upper
76 100
78 0.2 26.2 39.2#

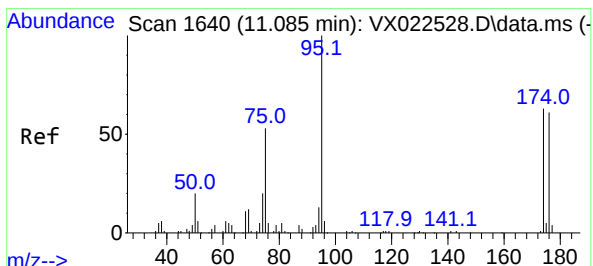
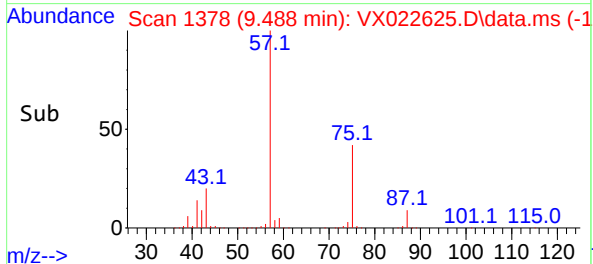
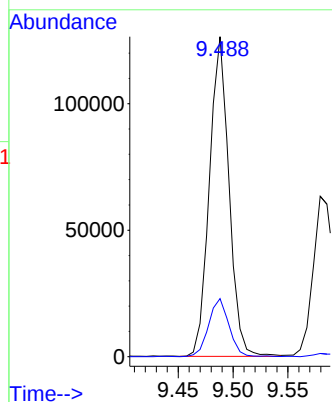
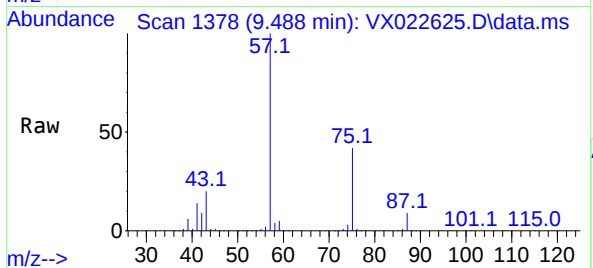




#59
2-Hexanone
Concen: 145.74 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

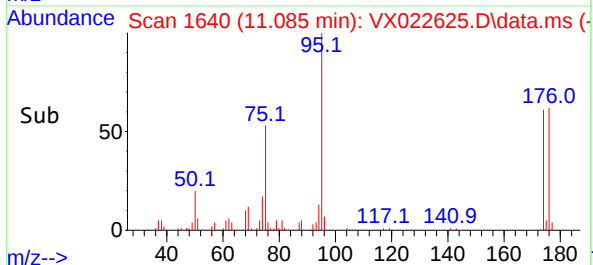
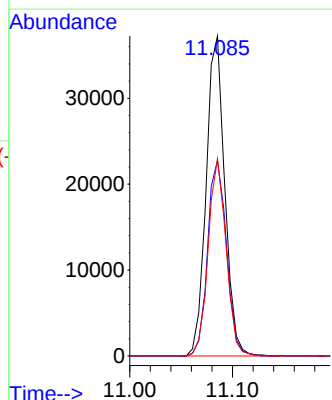
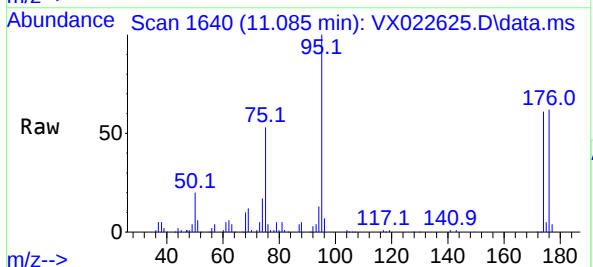
Instrument :
MSVOA_X
ClientSampled :

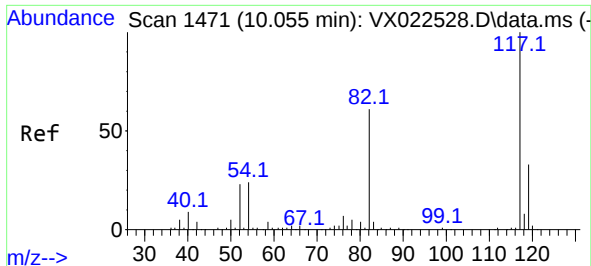
Tgt Ion: 43 Resp: 156806
Ion Ratio Lower Upper
43 100
58 19.1 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 44.91 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

Tgt Ion: 95 Resp: 46809
Ion Ratio Lower Upper
95 100
174 62.1 0.0 154.6
176 59.3 0.0 155.8

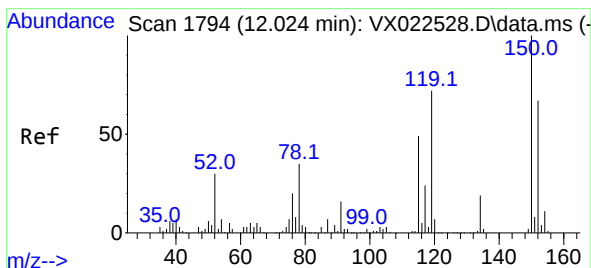
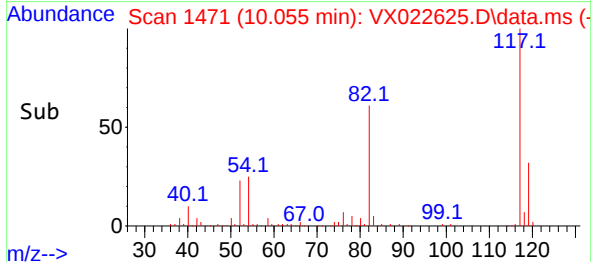
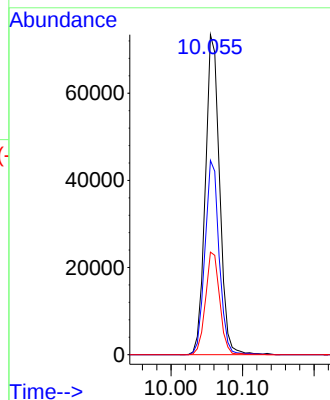
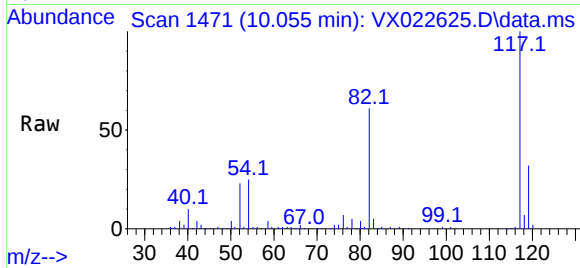




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

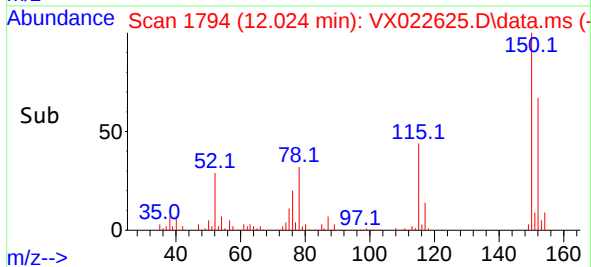
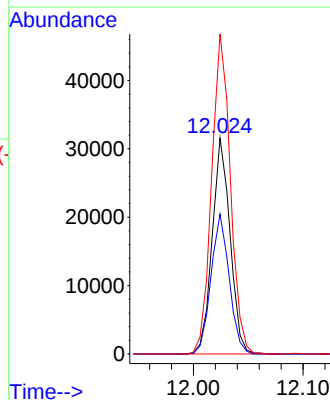
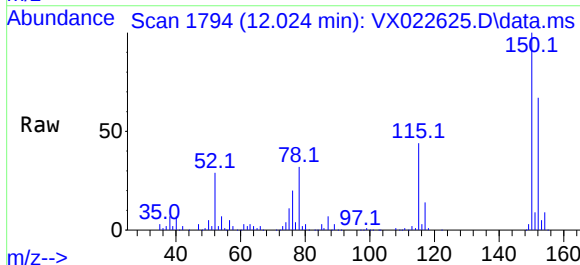
Instrument :
MSVOA_X
ClientSampleId :

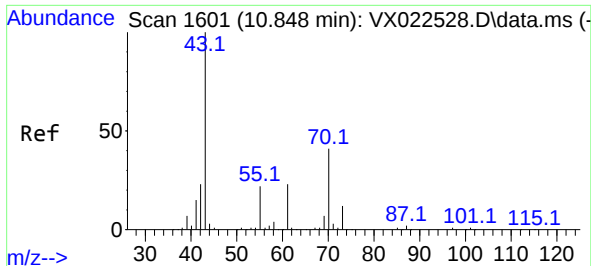
Tgt Ion:117 Resp: 101724
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

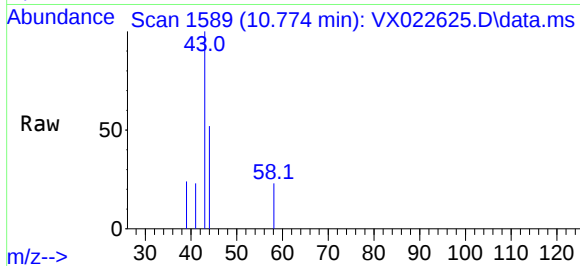
Tgt Ion:152 Resp: 35773
Ion Ratio Lower Upper
152 100
115 65.9 41.1 123.3
150 155.3 0.0 349.0





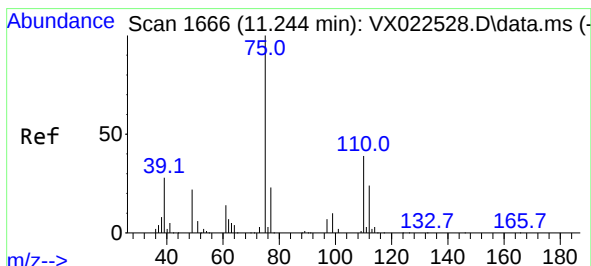
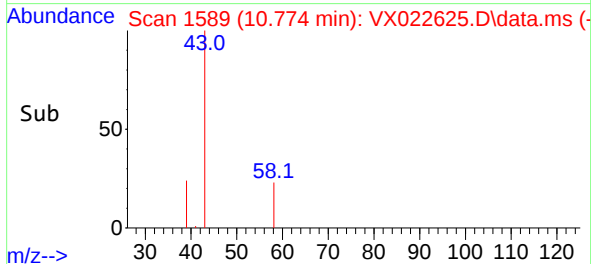
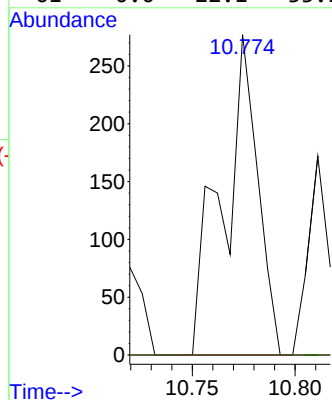
#74
N-amy1 acetate
Concen: 0.21 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.074 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 43 Resp: 330

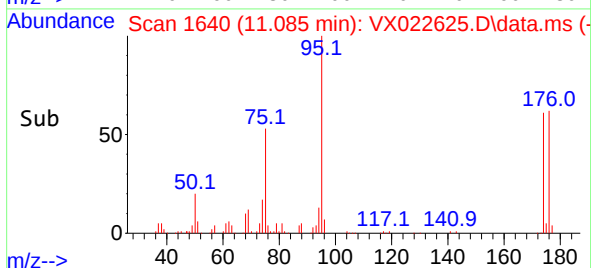
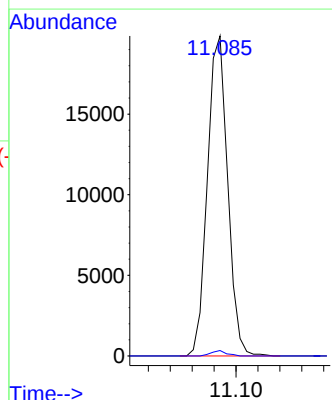
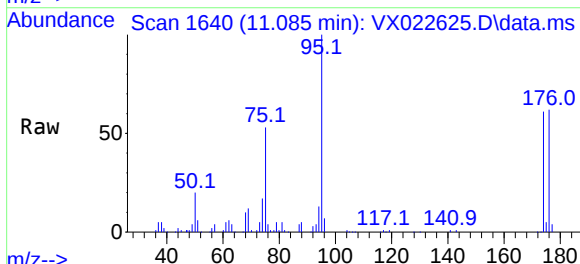
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	0.0	21.5	32.3#
61	0.0	22.1	33.1#

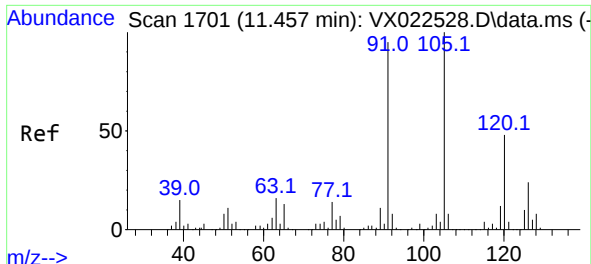


#76
1,2,3-Trichloropropane
Concen: 27.46 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

Tgt Ion: 75 Resp: 25448

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#

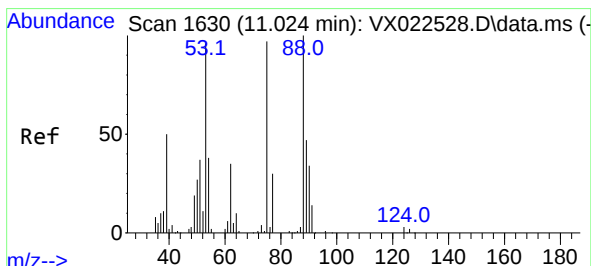
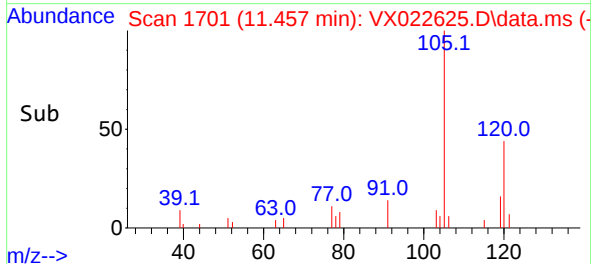
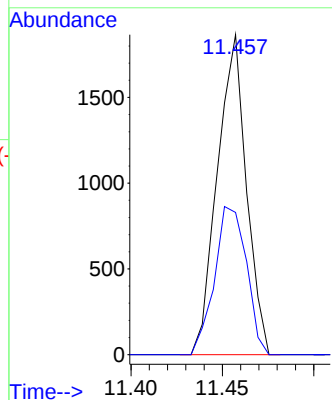
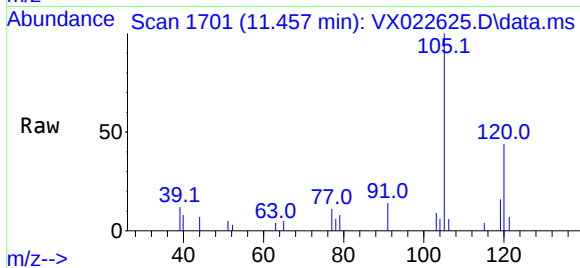




#80
1,3,5-Trimethylbenzene
Concen: 0.83 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:105 Resp: 2062
Ion Ratio Lower Upper
105 100
120 51.0 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 67.38 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022625.D
Acq: 09 Jun 2021 19:38

Tgt Ion: 75 Resp: 25448
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

