

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060221\
 Data File : VX022345.D
 Acq On : 02 Jun 2021 17:49
 Operator : JC/MD
 Sample : M2572-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 03 02:22:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

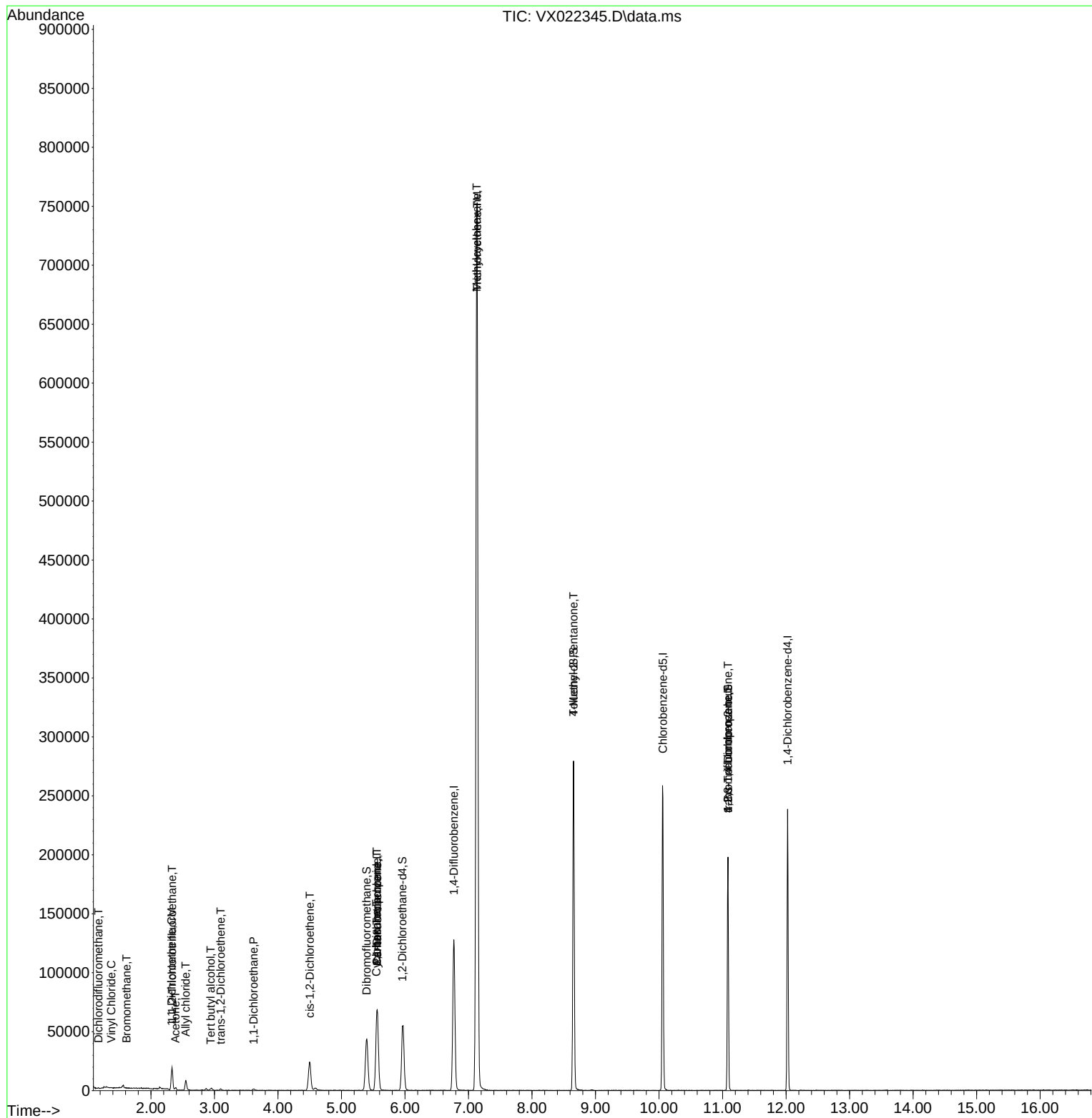
Internal Standards						
1) Pentafluorobenzene	5.562	168	59156	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	127332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	113531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51982	56.97	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.94%
35) Dibromofluoromethane	5.397	113	37800	46.81	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.62%
50) Toluene-d8	8.653	98	156005	50.15	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.30%
62) 4-Bromofluorobenzene	11.085	95	54123	47.08	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.16%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	359	0.50	ug/l	89
4) Vinyl Chloride	1.374	62	288	0.35	ug/l	# 77
5) Bromomethane	1.618	94	117	0.24	ug/l	# 61
9) 1,1,2-Trichlorotrifluo...	2.331	101	7207	10.28	ug/l	91
11) Tert butyl alcohol	2.941	59	509	2.44	ug/l	# 73
12) 1,1-Dichloroethene	2.325	96	530	0.78	ug/l	# 76
14) Allyl chloride	2.544	41	891	0.72	ug/l	# 46
16) Acetone	2.386	43	2246	5.65	ug/l	# 81
21) trans-1,2-Dichloroethene	3.099	96	523	0.71	ug/l	85
24) 1,1-Dichloroethane	3.617	63	1440	1.02	ug/l	# 88
27) cis-1,2-Dichloroethene	4.501	96	14727	16.42	ug/l	89
31) Cyclohexane	5.550	56	1677	1.46	ug/l	# 27
36) 1,1-Dichloropropene	5.556	75	5936	5.04	ug/l	# 44
38) Carbon Tetrachloride	5.556	117	6748	5.86	ug/l	# 19
39) Methylcyclohexane	7.129	83	3392	2.54	ug/l	# 1
44) Trichloroethene	7.135	130	268915	298.71	ug/l	94
51) 4-Methyl-2-Pentanone	8.653	43	902	0.64	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	28513	27.49	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	28513	65.14	ug/l	# 12

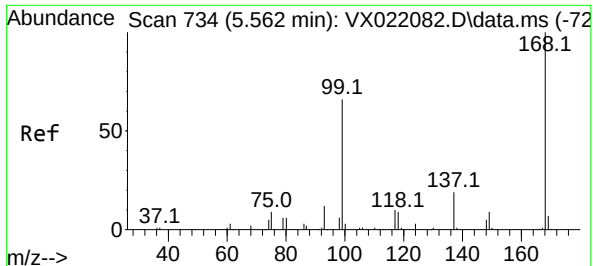
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 03 02:22:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

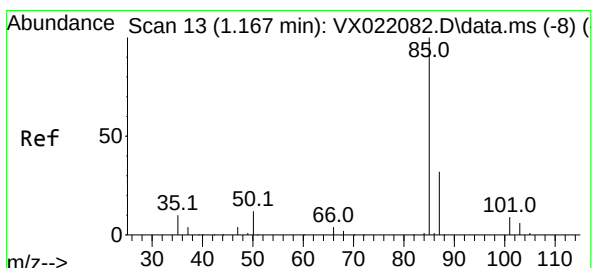
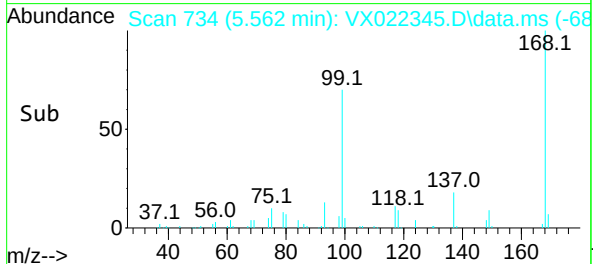
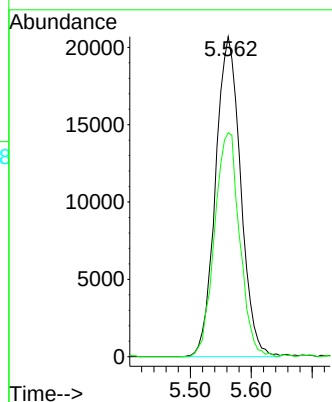
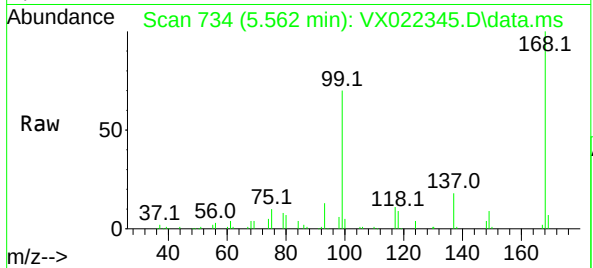




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022345.D
Acq: 02 Jun 2021 17:49

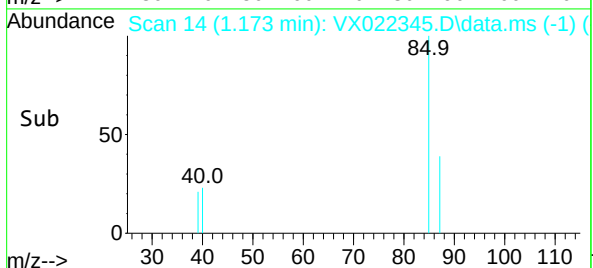
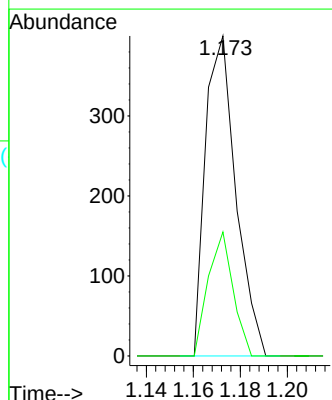
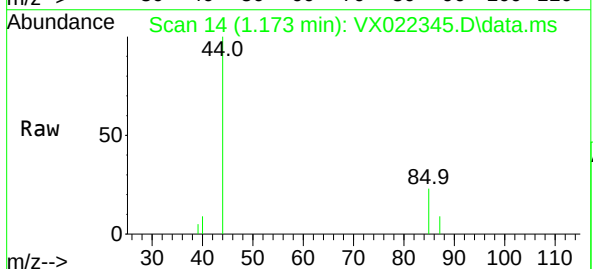
Instrument :
MSVOA_X
ClientSampleId :

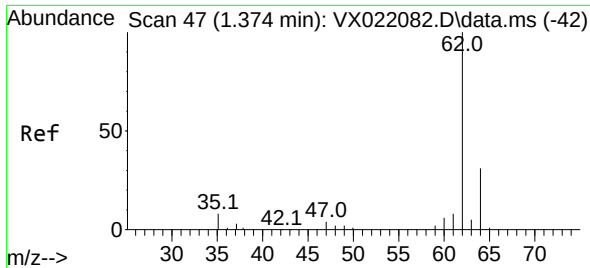
Tgt Ion:168 Resp: 59156
Ion Ratio Lower Upper
168 100
99 70.0 45.8 68.6#



#2
Dichlorodifluoromethane
Concen: 0.50 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022345.D
Acq: 02 Jun 2021 17:49

Tgt Ion: 85 Resp: 359
Ion Ratio Lower Upper
85 100
87 38.7 16.4 49.2

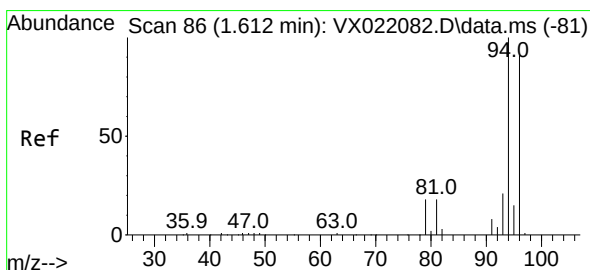
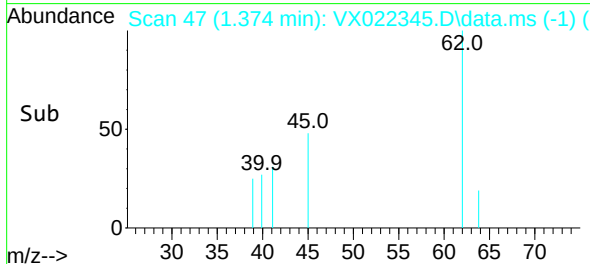
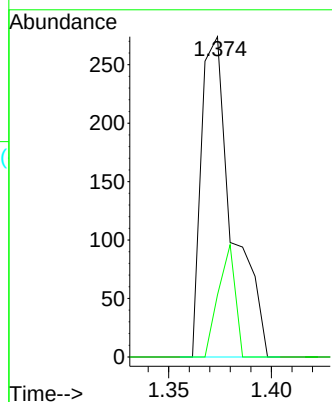
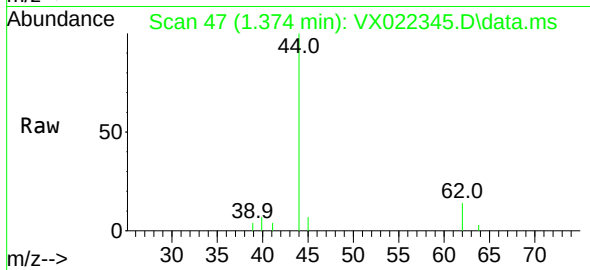




#4
 Vinyl Chloride
 Concen: 0.35 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022345.D
 Acq: 02 Jun 2021 17:49

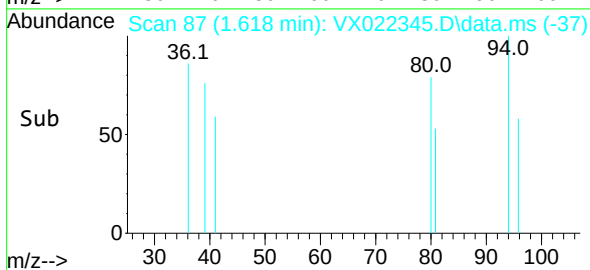
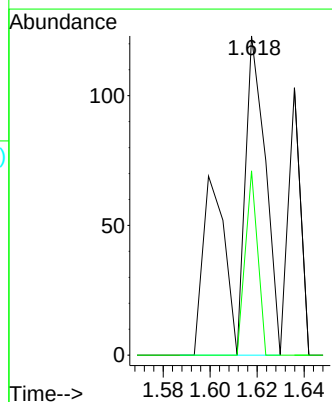
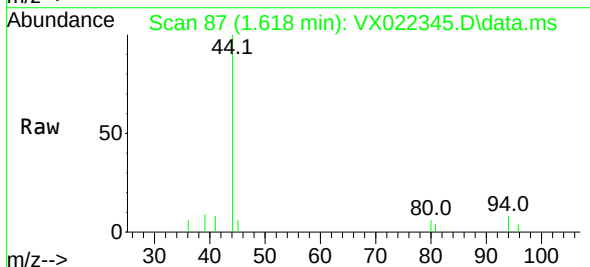
Instrument :
 MSVOA_X
 ClientSampled :

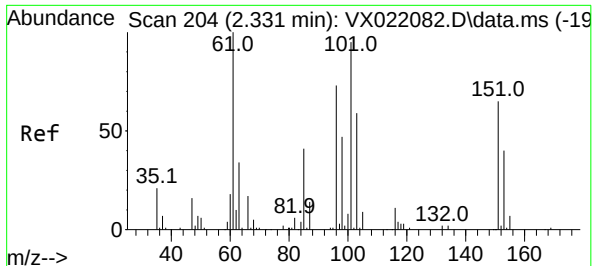
Tgt Ion: 62 Resp: 288
 Ion Ratio Lower Upper
 62 100
 64 19.3 25.7 38.5#



#5
 Bromomethane
 Concen: 0.24 ug/l
 RT: 1.618 min Scan# 87
 Delta R.T. 0.006 min
 Lab File: VX022345.D
 Acq: 02 Jun 2021 17:49

Tgt Ion: 94 Resp: 117
 Ion Ratio Lower Upper
 94 100
 96 57.7 76.4 114.6#

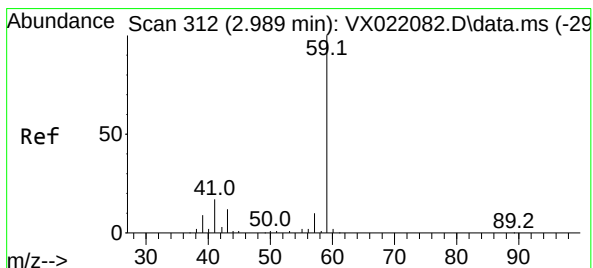
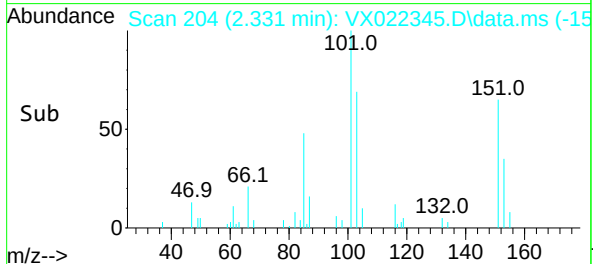
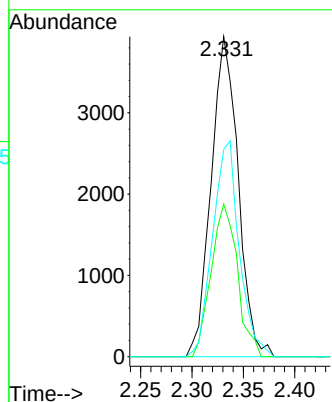
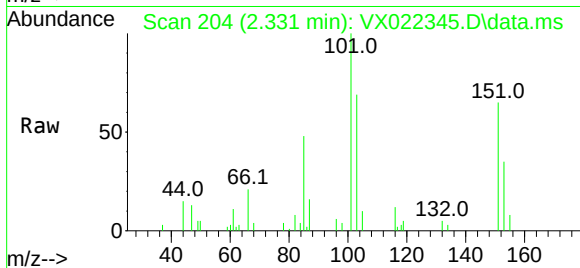




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.28 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022345.D
Acq: 02 Jun 2021 17:49

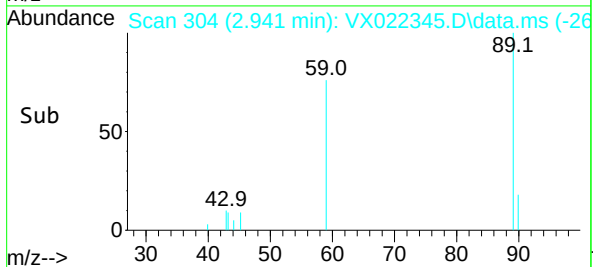
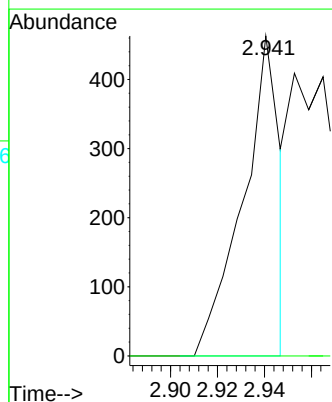
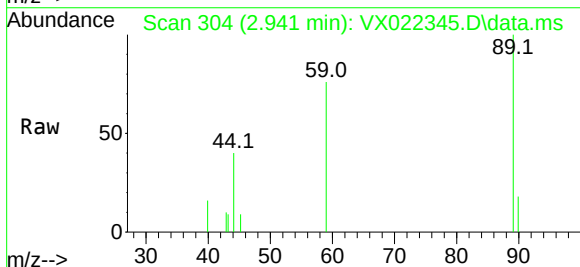
Instrument :
MSVOA_X
ClientSampled :

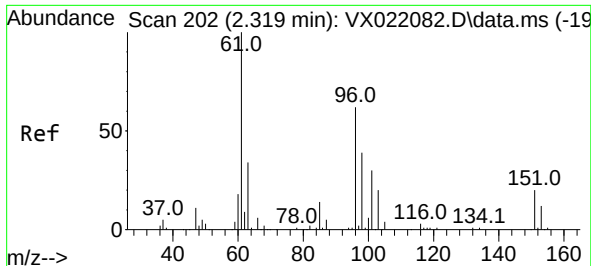
Tgt Ion:101 Resp: 7207
Ion Ratio Lower Upper
101 100
85 46.3 34.9 52.3
151 66.4 61.4 92.2



#11
Tert butyl alcohol
Concen: 2.44 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.048 min
Lab File: VX022345.D
Acq: 02 Jun 2021 17:49

Tgt Ion: 59 Resp: 509
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

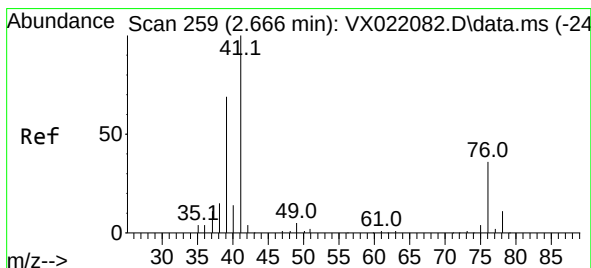
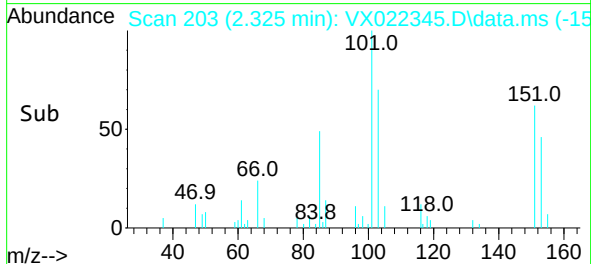
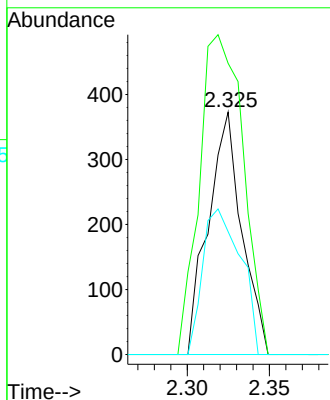
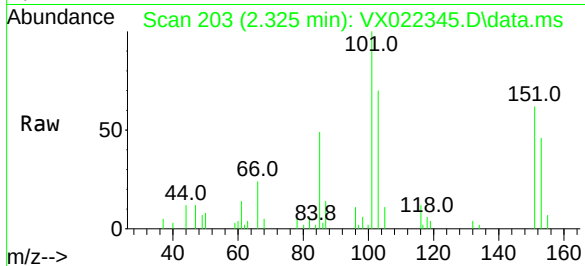




#12
1,1-Dichloroethene
Concen: 0.78 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX022345.D
Acq: 02 Jun 2021 17:49

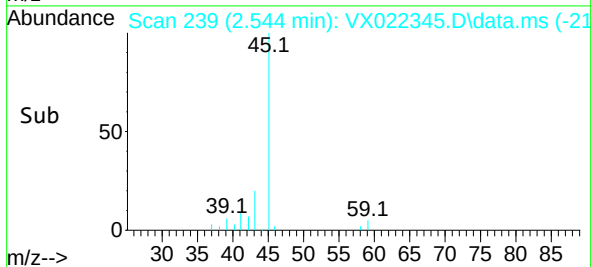
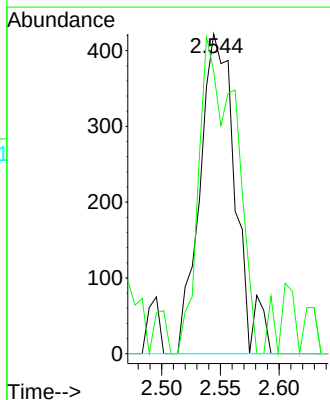
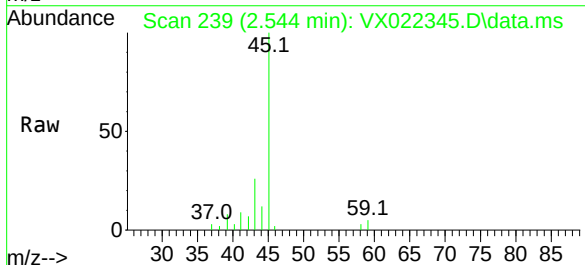
Instrument :
MSVOA_X
ClientSampled :

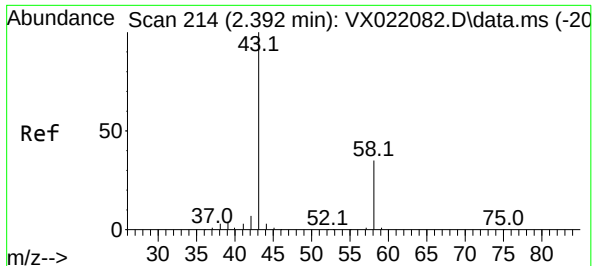
Tgt Ion: 96 Resp: 530
Ion Ratio Lower Upper
96 100
61 120.1 124.6 187.0#
98 50.7 50.6 76.0



#14
Allyl chloride
Concen: 0.72 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.122 min
Lab File: VX022345.D
Acq: 02 Jun 2021 17:49

Tgt Ion: 41 Resp: 891
Ion Ratio Lower Upper
41 100
39 102.1 51.6 77.4#
76 0.0 30.5 45.7#

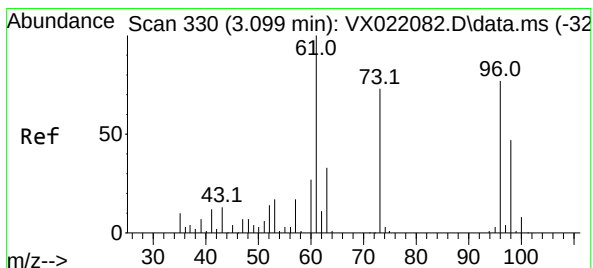
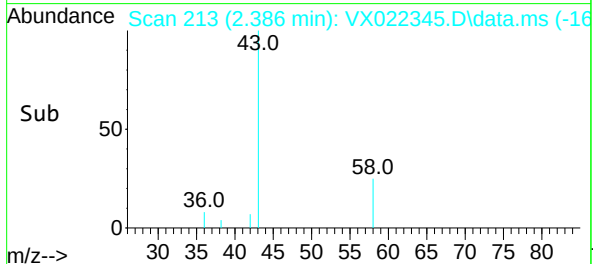
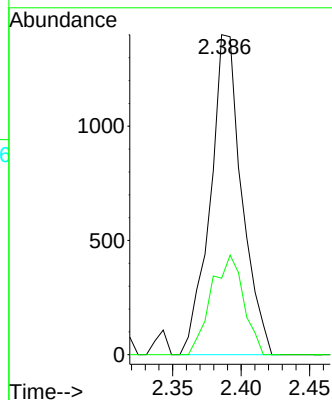
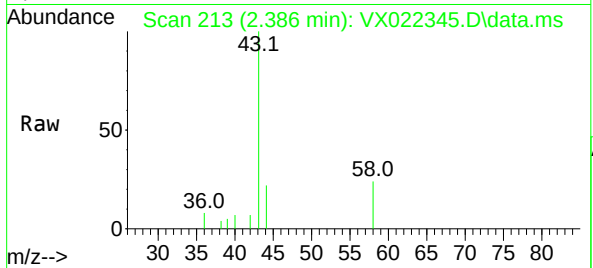




#16
Acetone
Concen: 5.65 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022345.D
Acq: 02 Jun 2021 17:49

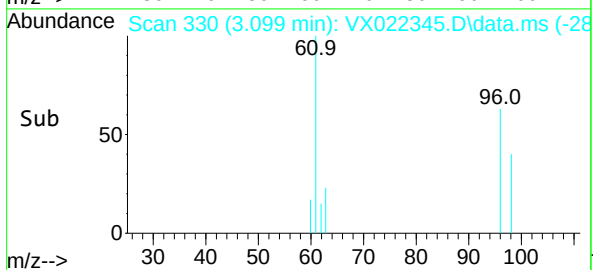
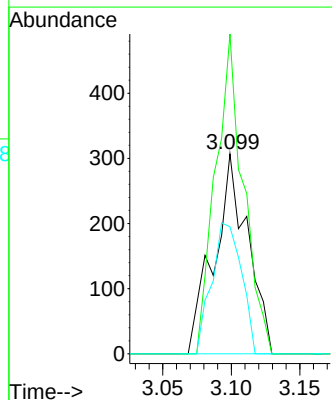
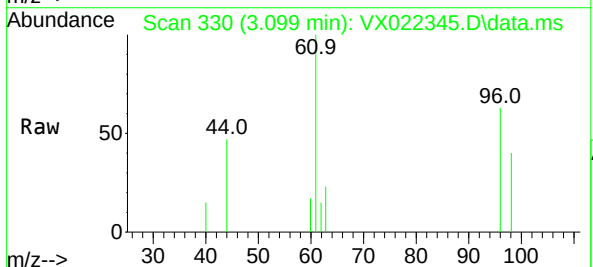
Instrument :
MSVOA_X
ClientSampled :

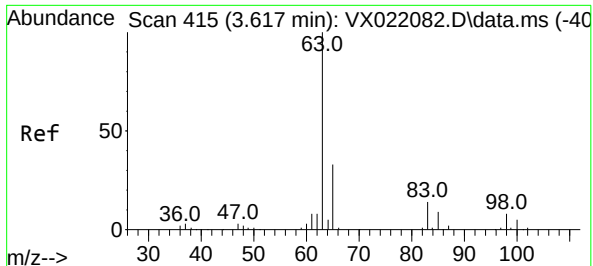
Tgt Ion: 43 Resp: 2246
Ion Ratio Lower Upper
43 100
58 23.9 27.8 41.8#



#21
trans-1,2-Dichloroethene
Concen: 0.71 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX022345.D
Acq: 02 Jun 2021 17:49

Tgt Ion: 96 Resp: 523
Ion Ratio Lower Upper
96 100
61 159.9 107.7 161.5
98 63.5 50.4 75.6

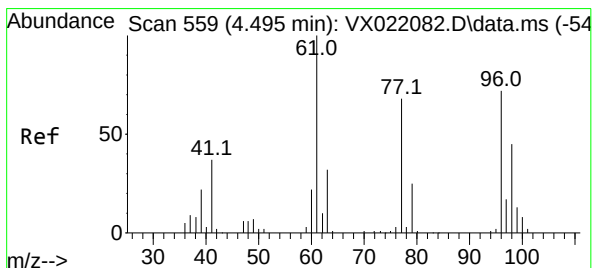
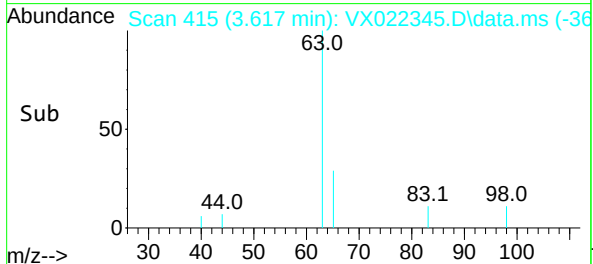
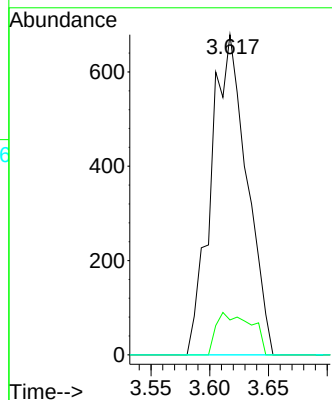
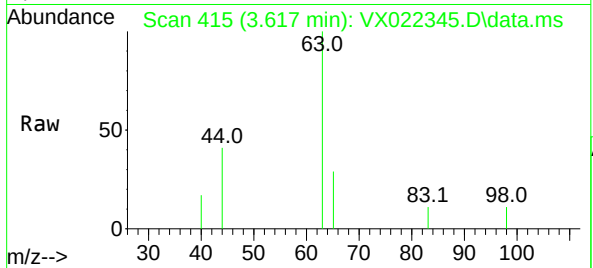




#24
1,1-Dichloroethane
Concen: 1.02 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX022345.D
Acq: 02 Jun 2021 17:49

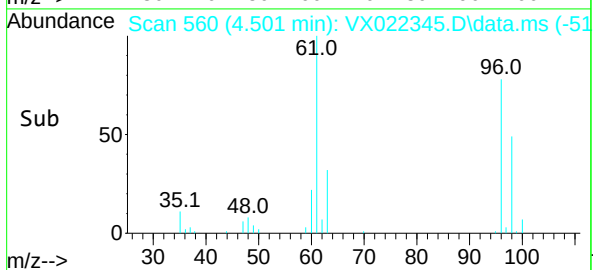
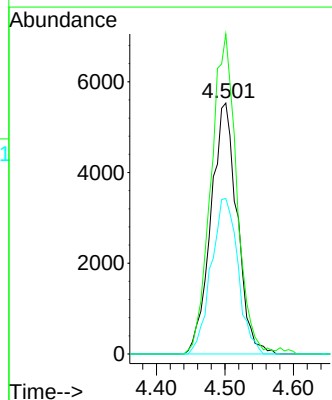
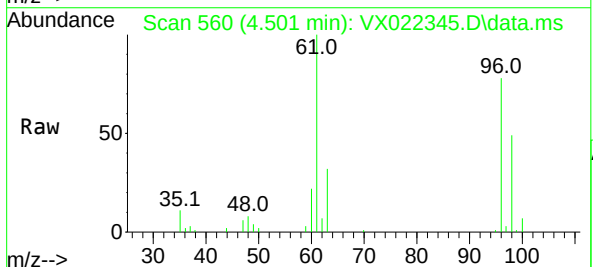
Instrument :
MSVOA_X
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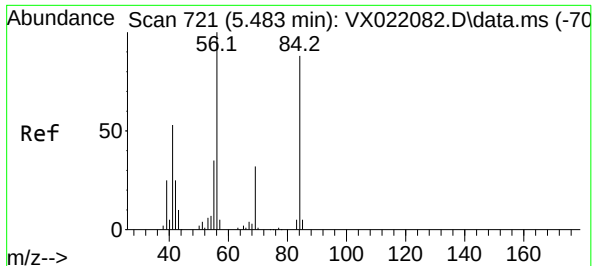
Tgt Ion: 63 Resp: 1440
Ion Ratio Lower Upper
63 100
98 10.9 3.8 11.2
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 16.42 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022345.D
Acq: 02 Jun 2021 17:49

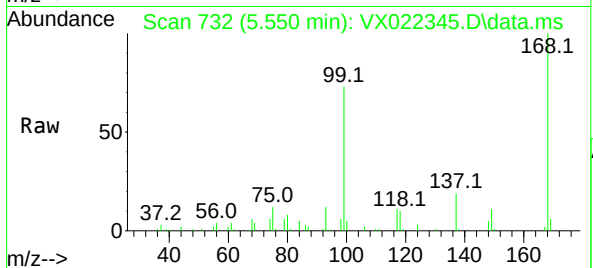
Tgt Ion: 96 Resp: 14727
Ion Ratio Lower Upper
96 100
61 124.8 0.0 285.6
98 63.1 0.0 129.6



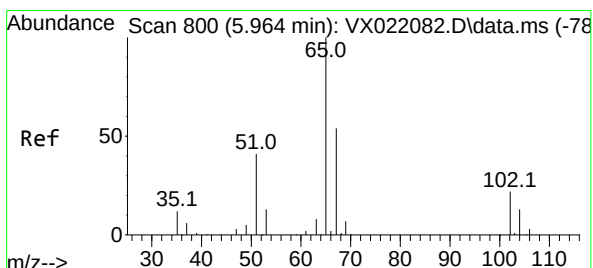
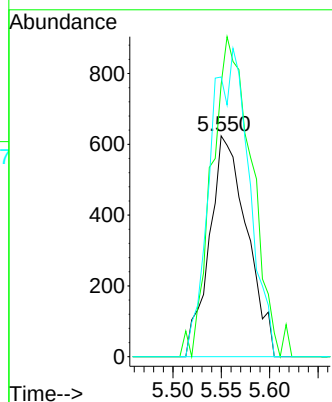
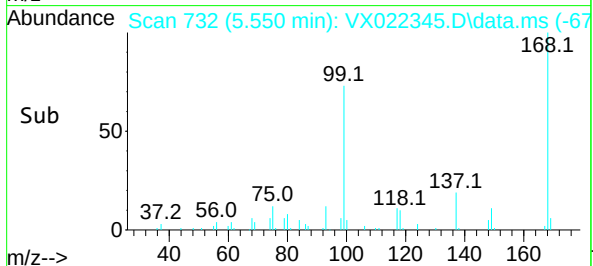


#31
Cyclohexane
Concen: 1.46 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.067 min
Lab File: VX022345.D
Acq: 02 Jun 2021 17:49

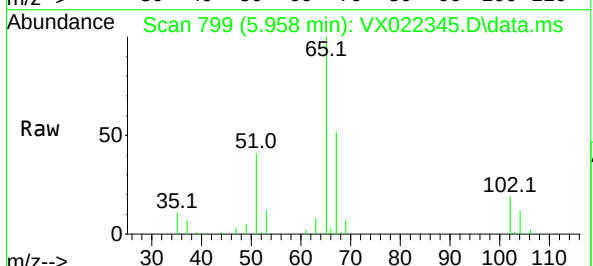
Instrument :
MSVOA_X
ClientSampleId :



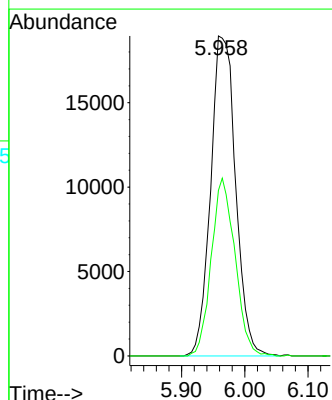
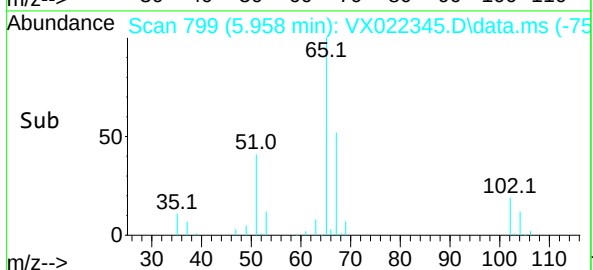
Tgt Ion: 56 Resp: 1677
Ion Ratio Lower Upper
56 100
69 123.4 25.3 37.9#
84 126.6 71.4 107.0#

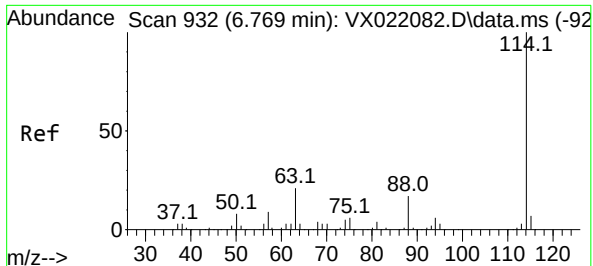


#33
1,2-Dichloroethane-d4
Concen: 56.97 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX022345.D
Acq: 02 Jun 2021 17:49



Tgt Ion: 65 Resp: 51982
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

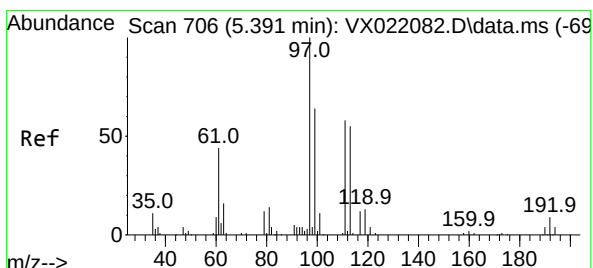
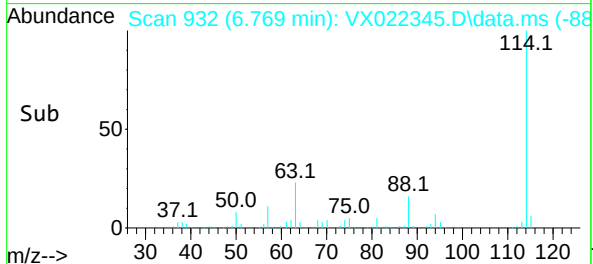
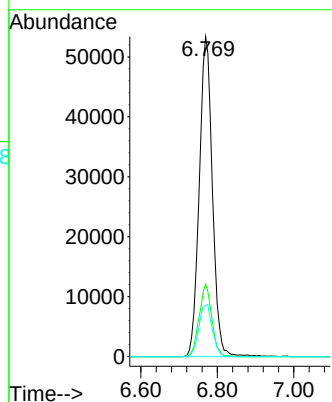
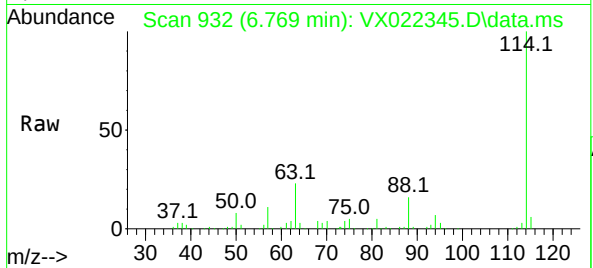




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022345.D
Acq: 02 Jun 2021 17:49

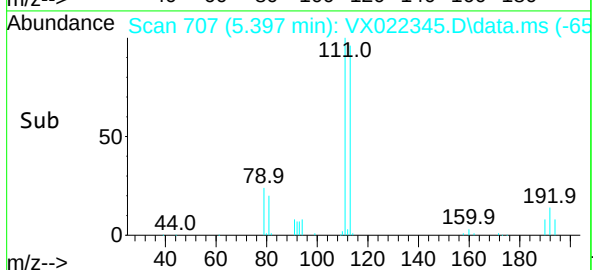
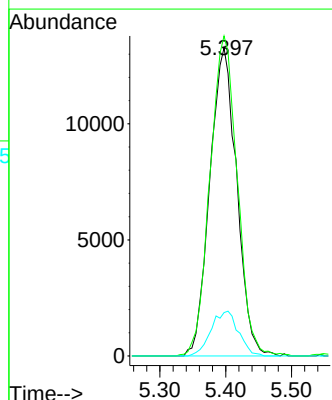
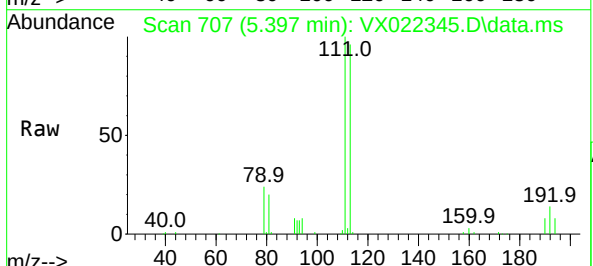
Instrument :
MSVOA_X
ClientSampleId :

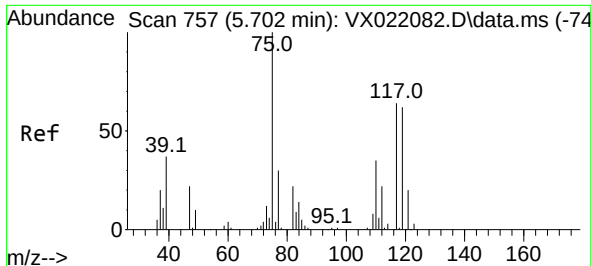
Tgt Ion:114 Resp: 127332
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.81 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022345.D
Acq: 02 Jun 2021 17:49

Tgt Ion:113 Resp: 37800
Ion Ratio Lower Upper
113 100
111 105.4 81.9 122.9
192 14.8 16.7 25.1#

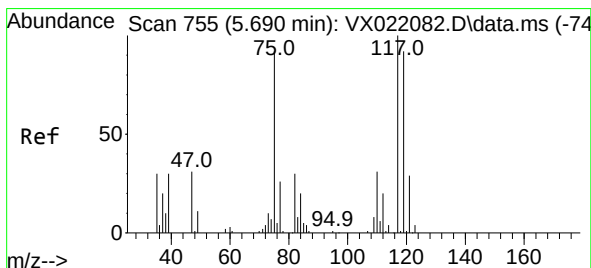
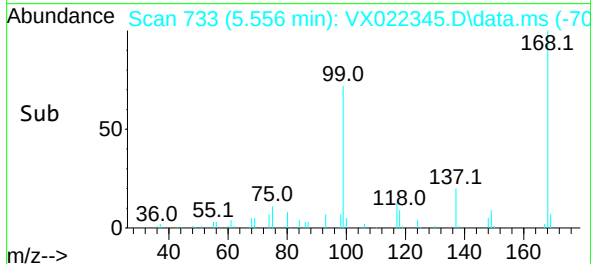
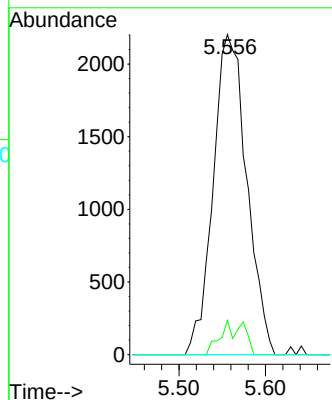
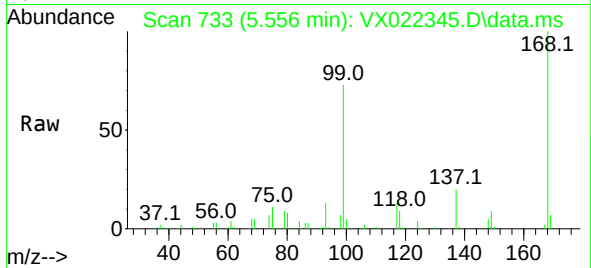




#36
1,1-Dichloropropene
Concen: 5.04 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022345.D
Acq: 02 Jun 2021 17:49

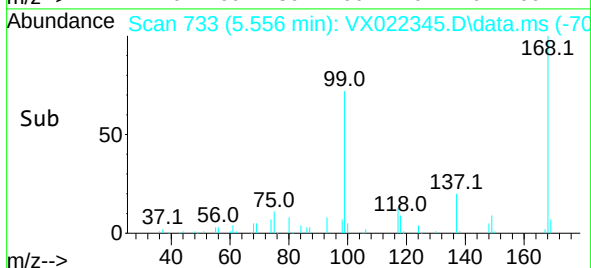
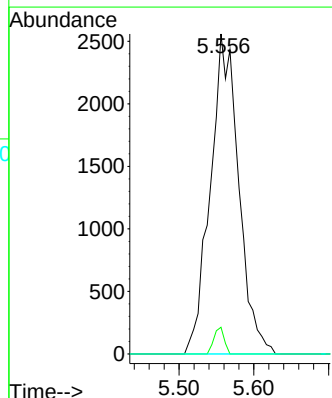
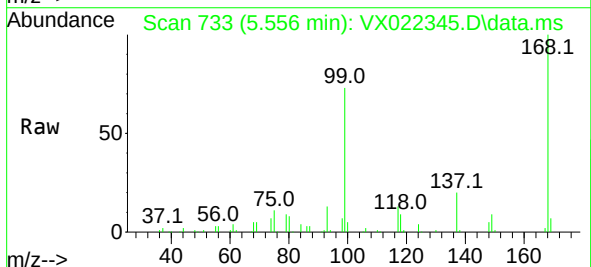
Instrument :
MSVOA_X
ClientSampleId :

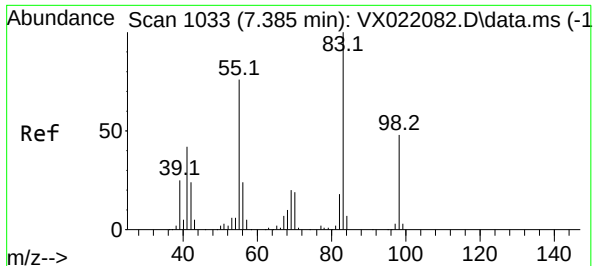
Tgt Ion: 75 Resp: 5936
Ion Ratio Lower Upper
75 100
110 4.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.86 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022345.D
Acq: 02 Jun 2021 17:49

Tgt Ion: 117 Resp: 6748
Ion Ratio Lower Upper
117 100
119 8.4 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 2.54 ug/l

RT: 7.129 min Scan# 991

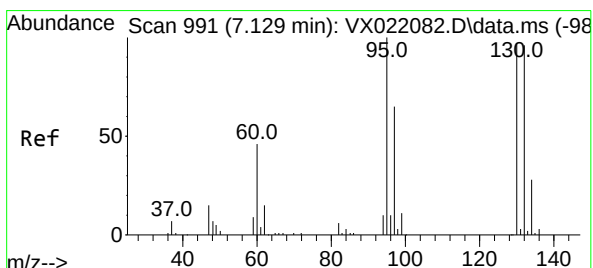
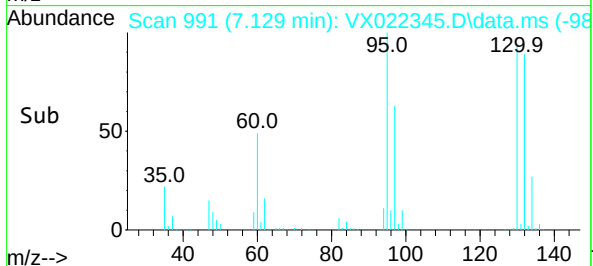
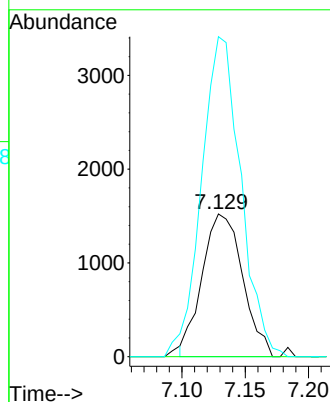
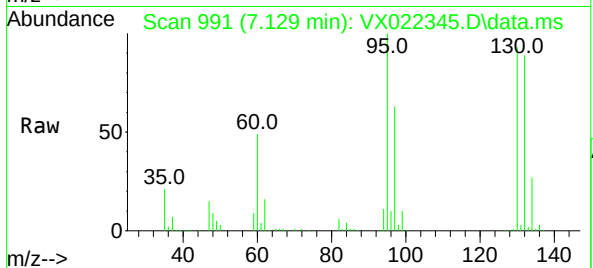
Delta R.T. -0.256 min

Lab File: VX022345.D

Acq: 02 Jun 2021 17:49

Tgt Ion: 83	Resp: 3392
Ion Ratio	Lower Upper
83 100	
55 0.0	58.9 88.3#
98 219.9	38.1 57.1#

Instrument :
MSVOA_X
ClientSampled :



#44

Trichloroethene

Concen: 298.71 ug/l

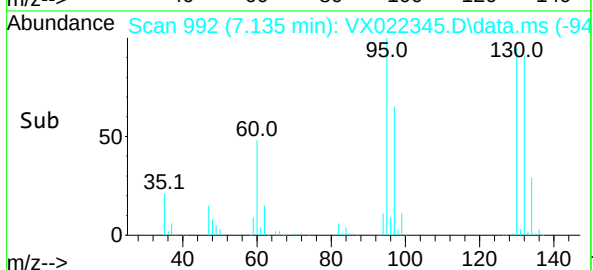
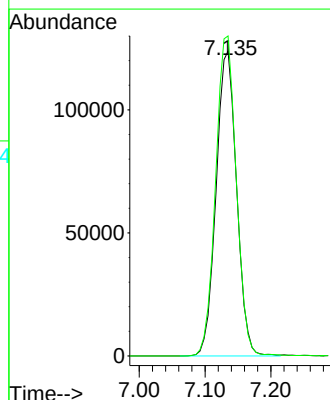
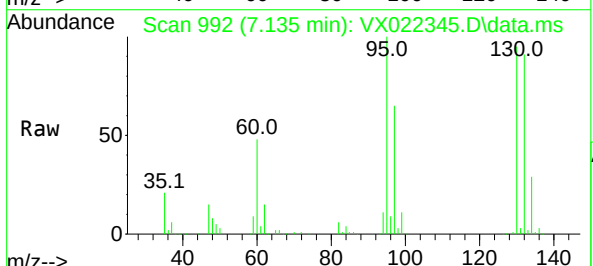
RT: 7.135 min Scan# 992

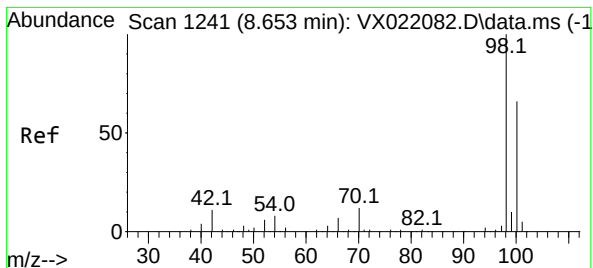
Delta R.T. 0.006 min

Lab File: VX022345.D

Acq: 02 Jun 2021 17:49

Tgt Ion: 130	Resp: 268915
Ion Ratio	Lower Upper
130 100	
95 105.0	0.0 198.0

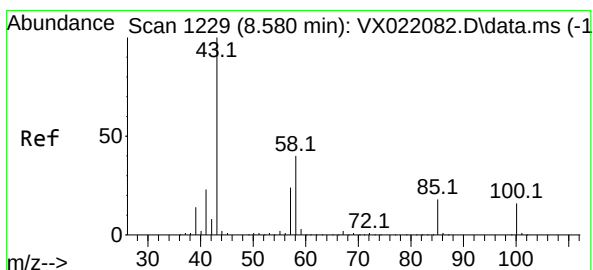
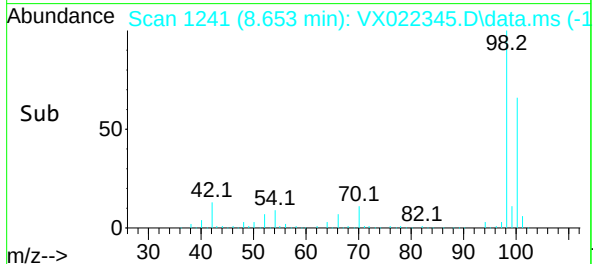
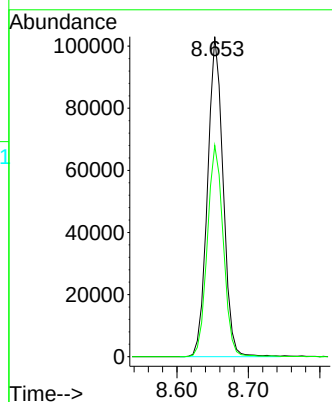
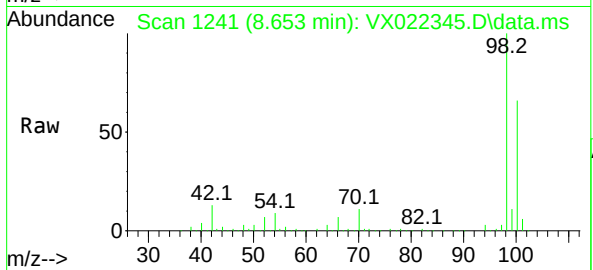




#50
Toluene-d8
Concen: 50.15 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022345.D
Acq: 02 Jun 2021 17:49

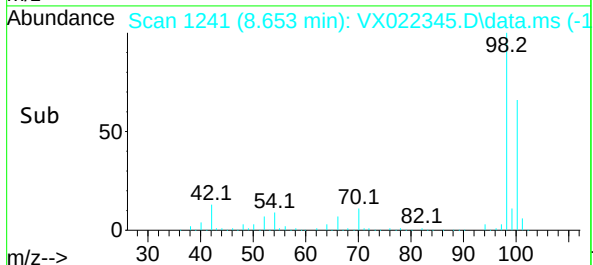
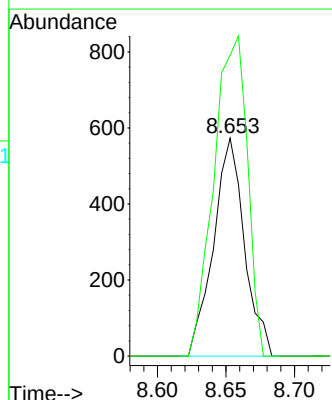
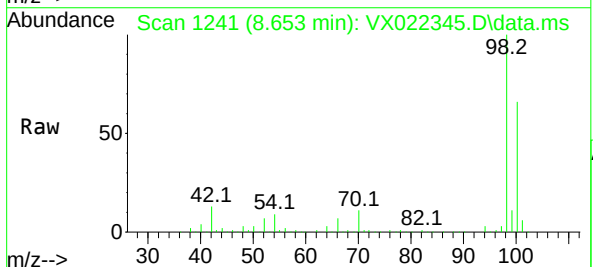
Instrument :
MSVOA_X
ClientSampled :

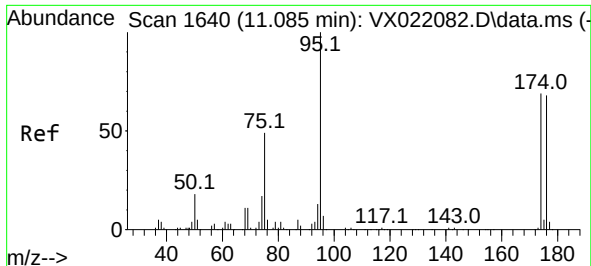
Tgt Ion: 98 Resp: 156005
Ion Ratio Lower Upper
98 100
100 67.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.64 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022345.D
Acq: 02 Jun 2021 17:49

Tgt Ion: 43 Resp: 902
Ion Ratio Lower Upper
43 100
58 159.0 35.4 53.0#

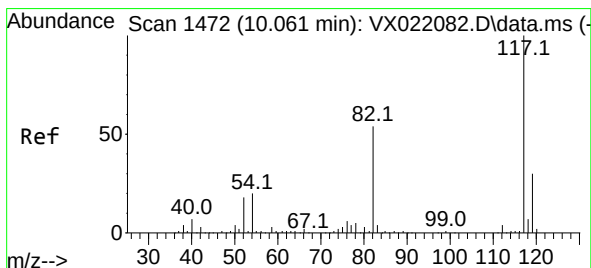
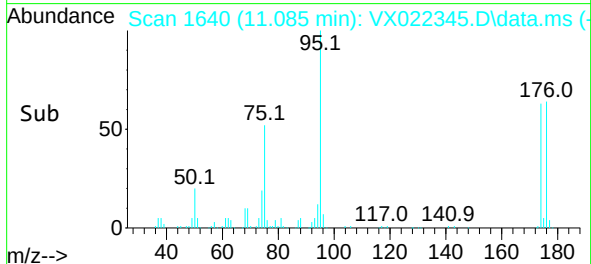
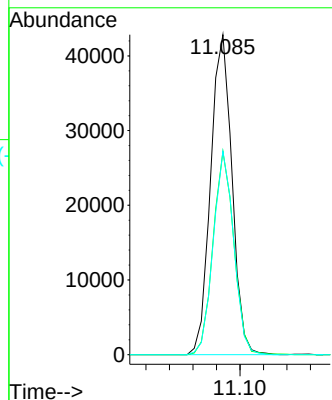
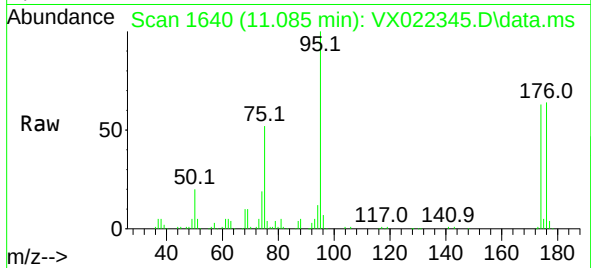




#62
4-Bromofluorobenzene
Concen: 47.08 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022345.D
Acq: 02 Jun 2021 17:49

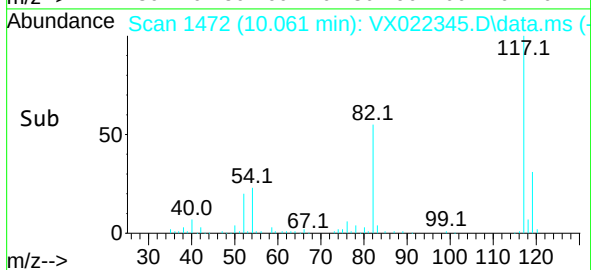
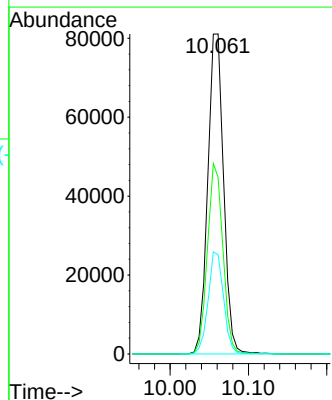
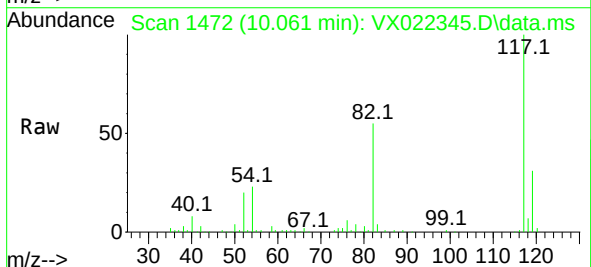
Instrument :
MSVOA_X
ClientSampleId :

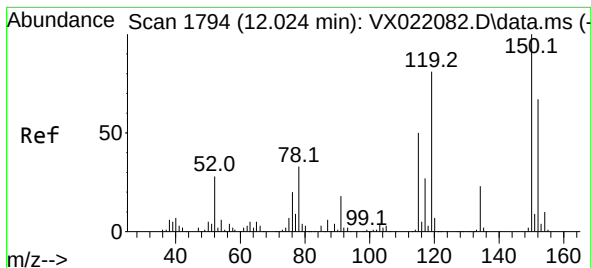
Tgt Ion: 95 Resp: 54123
Ion Ratio Lower Upper
95 100
174 61.8 0.0 154.6
176 61.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022345.D
Acq: 02 Jun 2021 17:49

Tgt Ion: 117 Resp: 113531
Ion Ratio Lower Upper
117 100
82 55.1 47.4 71.2
119 31.0 26.6 39.8

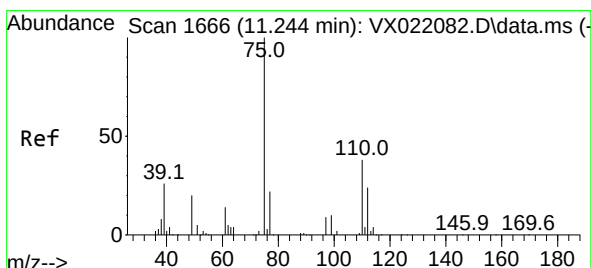
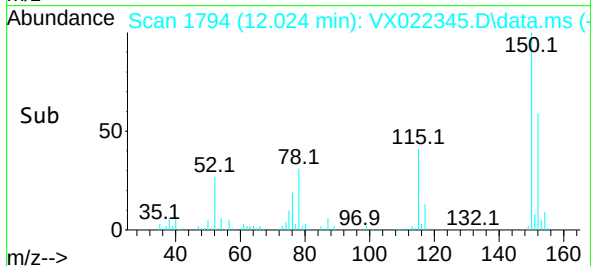
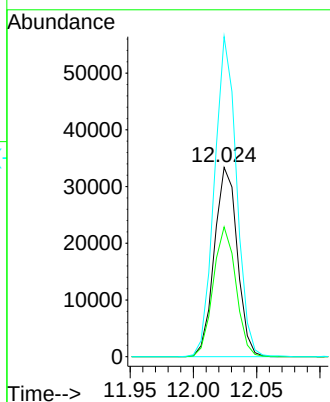
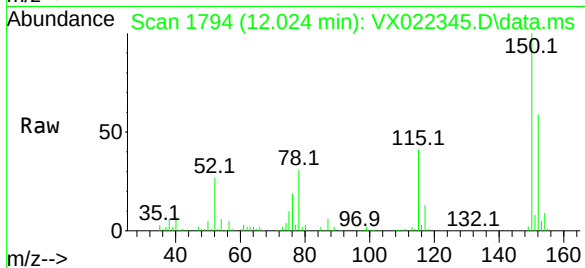




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022345.D
 Acq: 02 Jun 2021 17:49

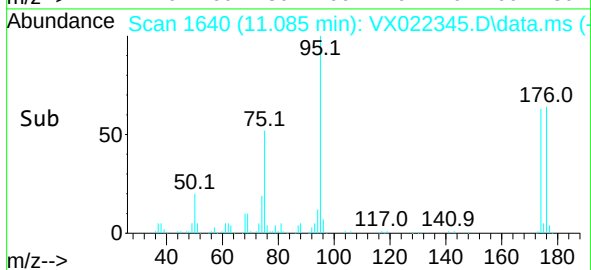
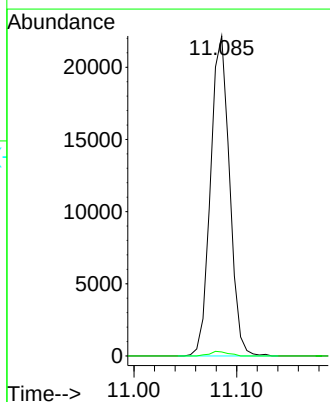
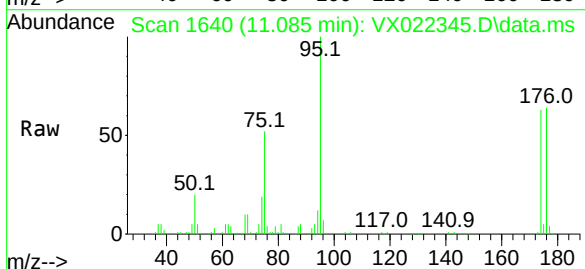
Instrument :
 MSVOA_X
 ClientSampled :

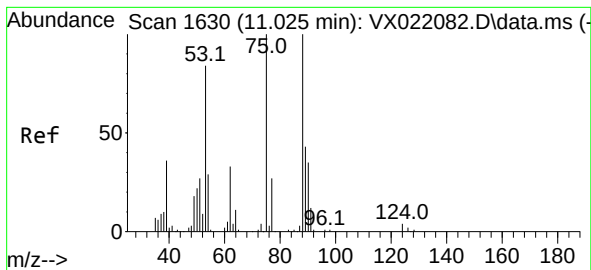
Tgt Ion:152 Resp: 42040
 Ion Ratio Lower Upper
 152 100
 115 67.7 41.1 123.3
 150 163.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.49 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022345.D
 Acq: 02 Jun 2021 17:49

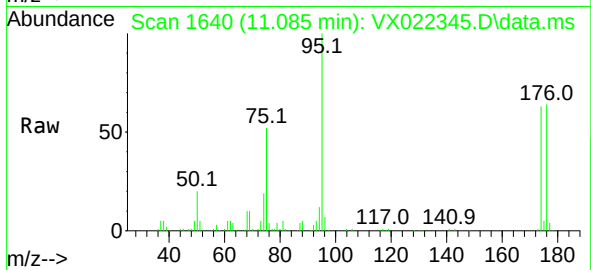
Tgt Ion: 75 Resp: 28513
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.14 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022345.D
 Acq: 02 Jun 2021 17:49

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 28513
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

