

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
 Data File : VX022803.D
 Acq On : 21 Jun 2021 18:33
 Operator : JC/MD
 Sample : M2783-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20210617

Quant Time: Jun 22 01:15:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

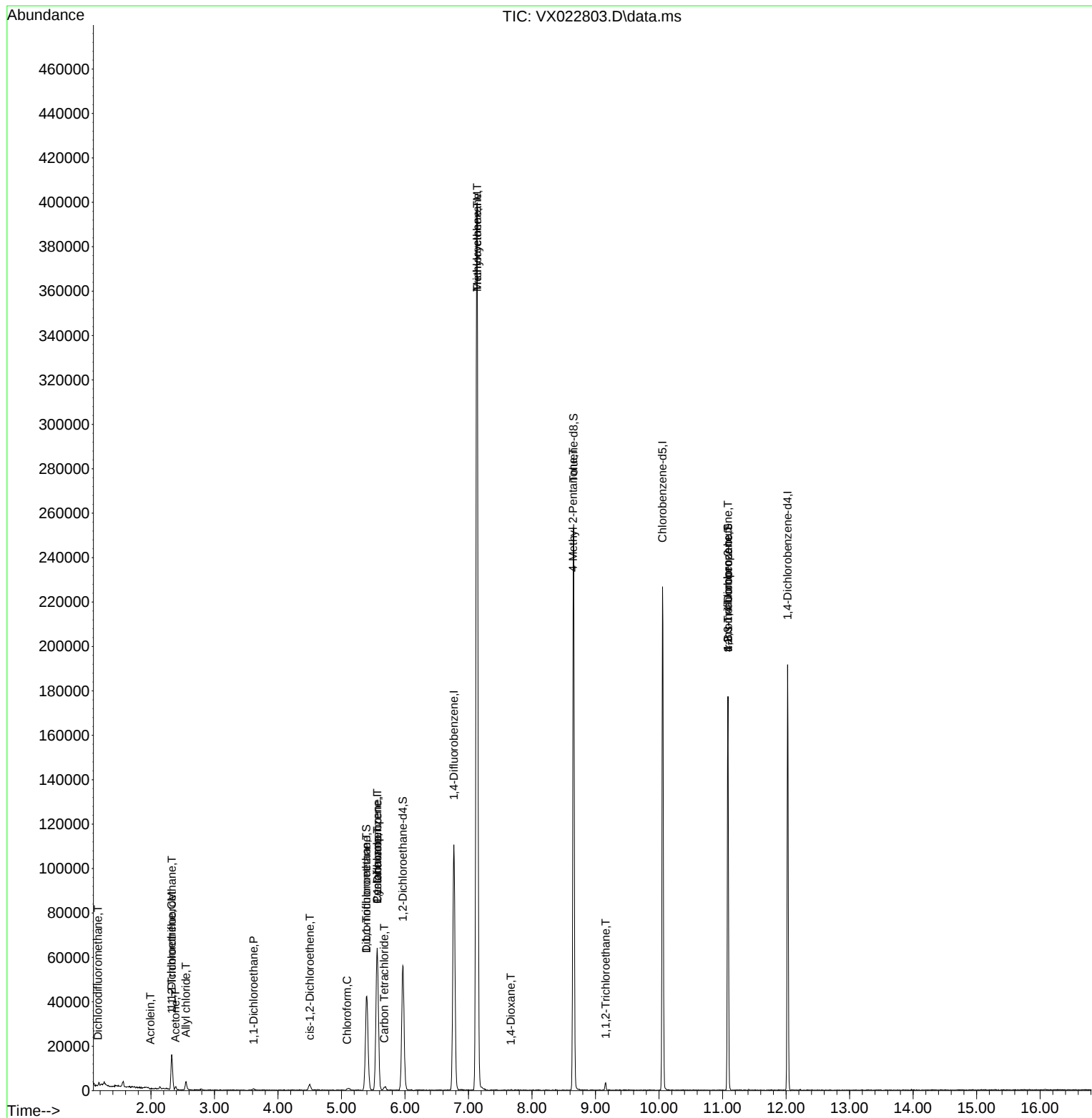
Internal Standards						
1) Pentafluorobenzene	5.562	168	53320	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	107256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	93652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	33999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51401	53.602	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.200%
35) Dibromofluoromethane	5.391	113	36115	52.775	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.560%
50) Toluene-d8	8.653	98	141667	52.516	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.040%
62) 4-Bromofluorobenzene	11.085	95	46466	45.544	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.080%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	146	0.233	ug/l	# 42
9) 1,1,2-Trichlorotrifluo...	2.331	101	3886	5.954	ug/l	87
12) 1,1-Dichloroethene	2.325	96	2264	3.497	ug/l	# 62
13) Acrolein	1.989	56	59	0.634	ug/l	# 14
14) Allyl chloride	2.550	41	420	0.336	ug/l	# 7
16) Acetone	2.386	43	1588	3.698	ug/l	# 79
24) 1,1-Dichloroethane	3.617	63	871	0.606	ug/l	# 81
27) cis-1,2-Dichloroethene	4.501	96	1558	1.783	ug/l	96
30) Chloroform	5.086	83	1220	0.852	ug/l	# 60
31) Cyclohexane	5.562	56	1743	1.507	ug/l	# 53
32) 1,1,1-Trichloroethane	5.391	97	285	1.137	ug/l	# 43
36) 1,1-Dichloropropene	5.562	75	5527	5.172	ug/l	# 44
38) Carbon Tetrachloride	5.672	117	528	0.578	ug/l	# 70
39) Methylcyclohexane	7.135	83	1892	1.697	ug/l	# 1
44) Trichloroethene	7.135	130	139387	186.754	ug/l	90
49) 1,4-Dioxane	7.665	88	109	5.561	ug/l	# 88
51) 4-Methyl-2-Pentanone	8.647	43	771	0.566	ug/l	# 1
55) 1,1,2-Trichloroethane	9.159	97	859	1.061	ug/l	# 90
76) 1,2,3-Trichloropropane	11.085	75	24935	27.661	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	24935	69.009	ug/l	# 12

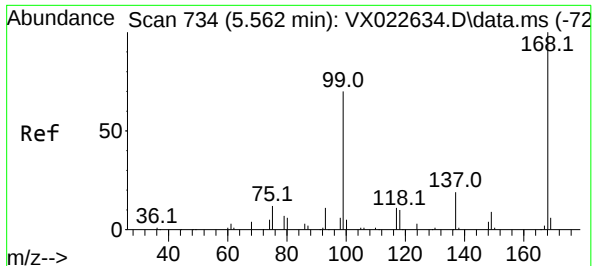
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210617

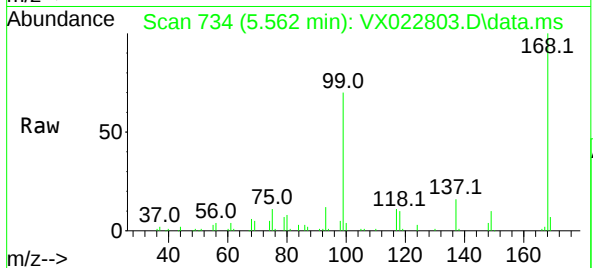
Quant Time: Jun 22 01:15:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



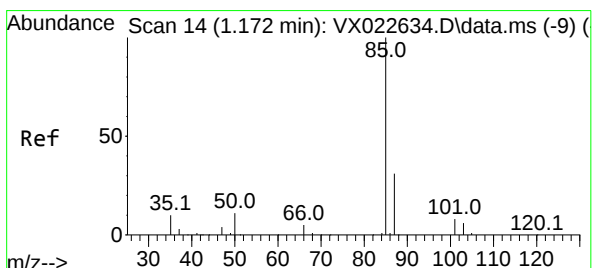
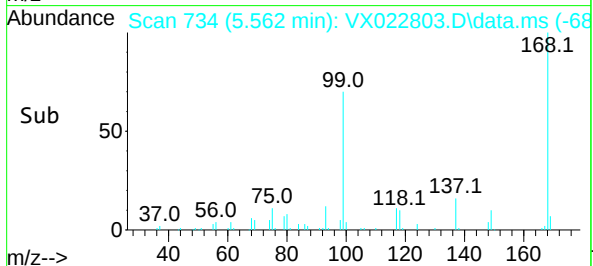
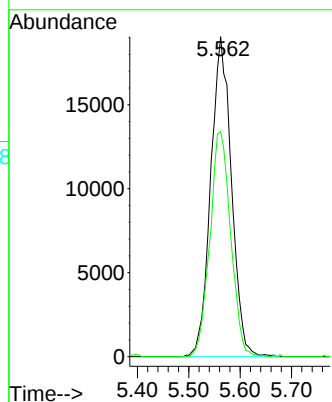


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210617

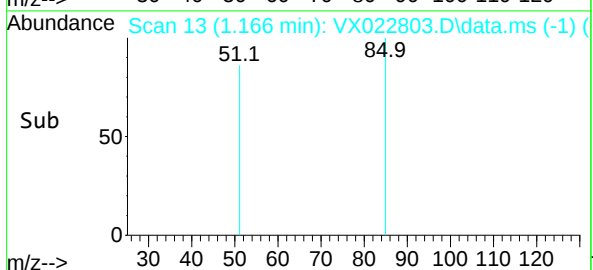
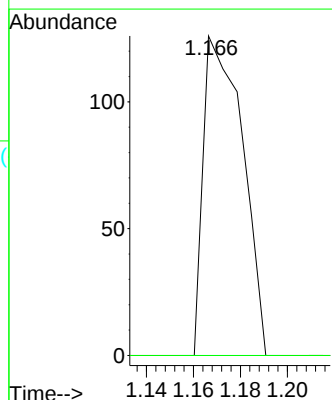
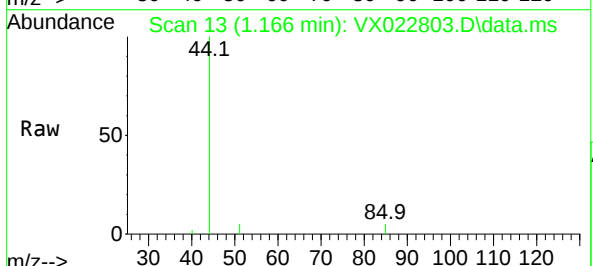


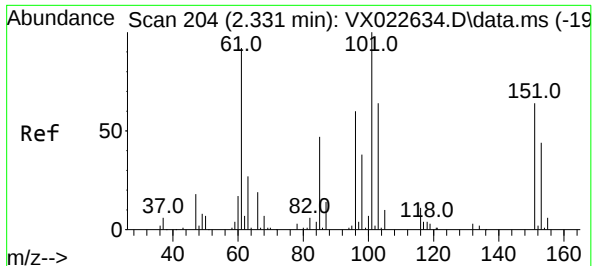
Tgt Ion:168 Resp: 53320
Ion Ratio Lower Upper
168 100
99 70.3 45.8 68.6#



#2
Dichlorodifluoromethane
Concen: 0.233 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

Tgt Ion: 85 Resp: 146
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

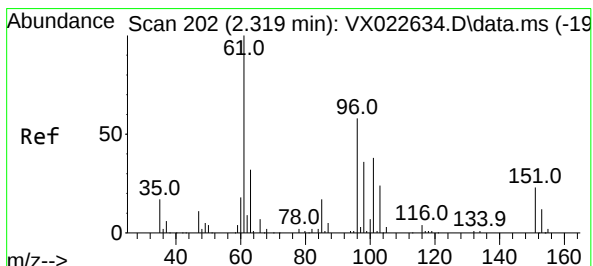
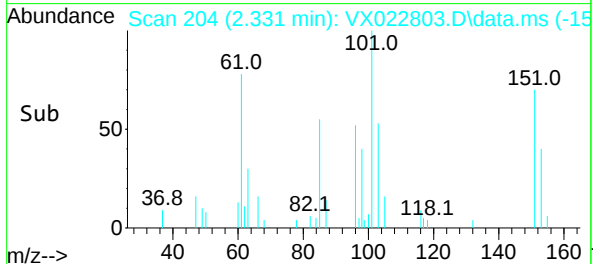
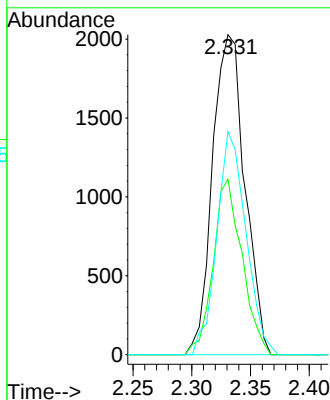
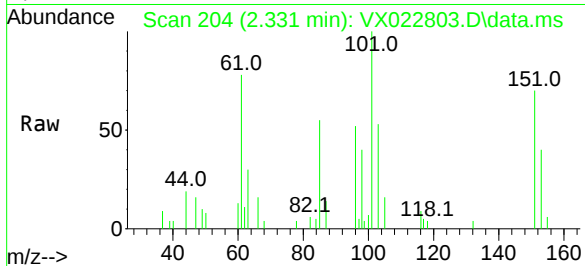




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.954 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

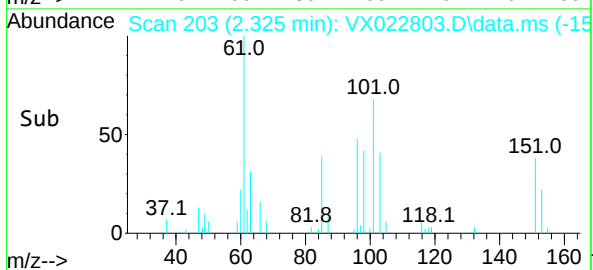
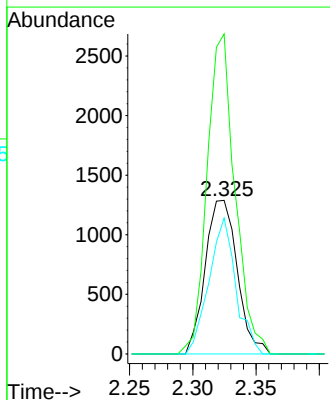
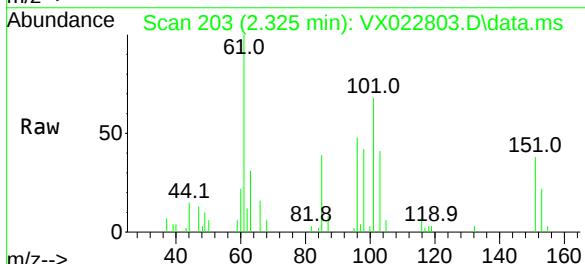
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210617

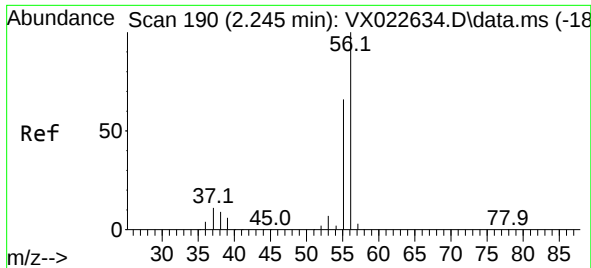
Tgt Ion:101 Resp: 3886
Ion Ratio Lower Upper
101 100
85 49.0 34.9 52.3
151 62.9 61.4 92.2



#12
1,1-Dichloroethene
Concen: 3.497 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

Tgt Ion: 96 Resp: 2264
Ion Ratio Lower Upper
96 100
61 208.5 124.6 187.0#
98 88.5 50.6 76.0#

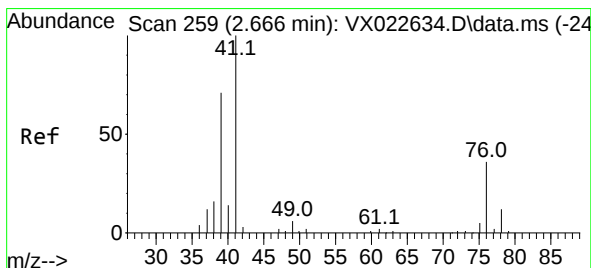
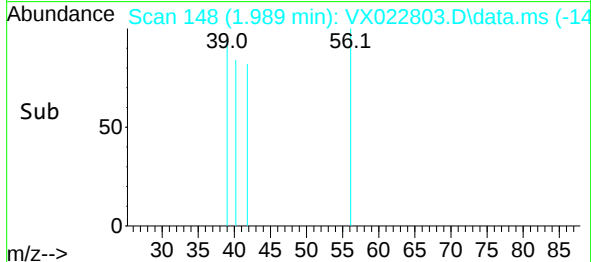
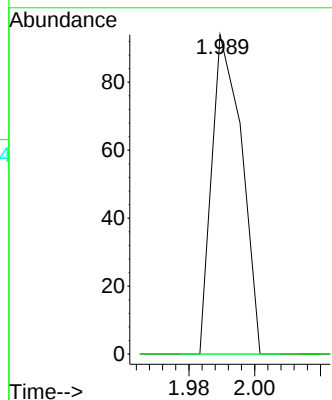
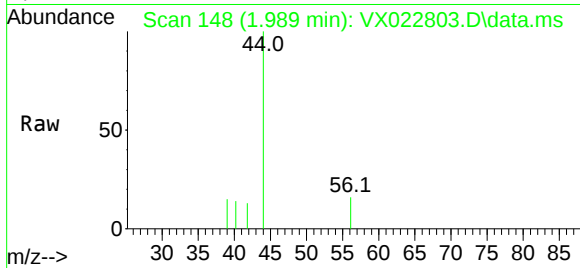




#13
Acrolein
Concen: 0.634 ug/l
RT: 1.989 min Scan# 148
Delta R.T. -0.250 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

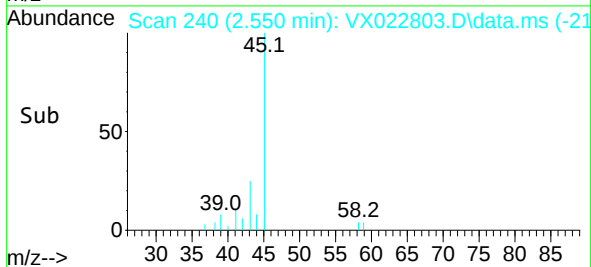
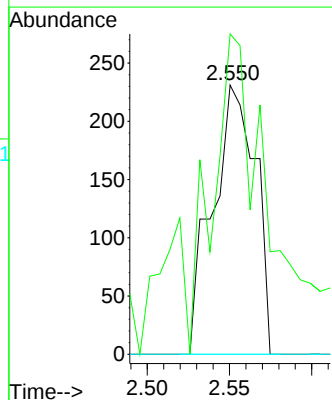
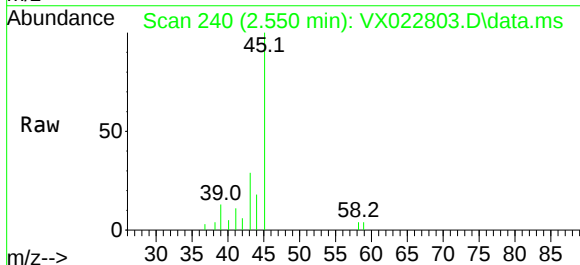
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210617

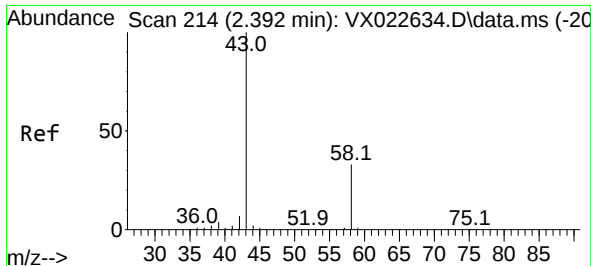
Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#14
Allyl chloride
Concen: 0.336 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.116 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

Tgt Ion: 41 Resp: 420
Ion Ratio Lower Upper
41 100
39 151.2 51.6 77.4#
76 0.0 30.5 45.7#

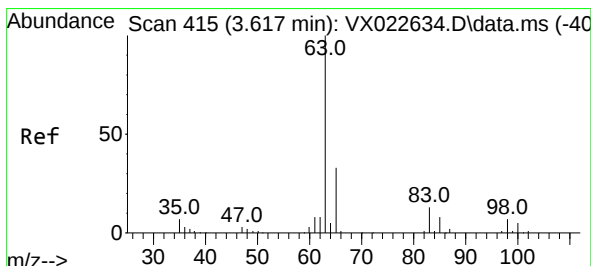
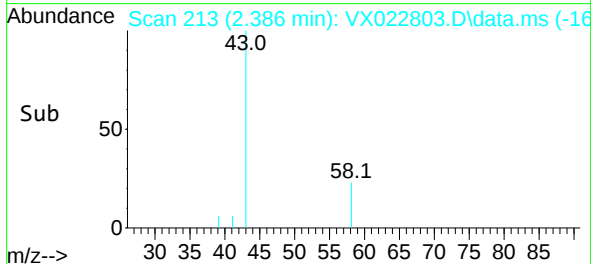
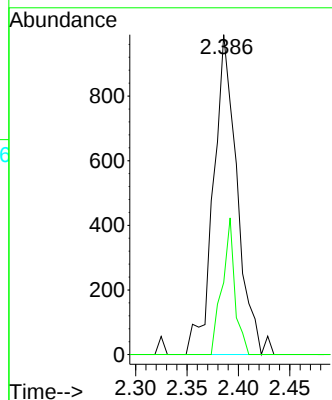
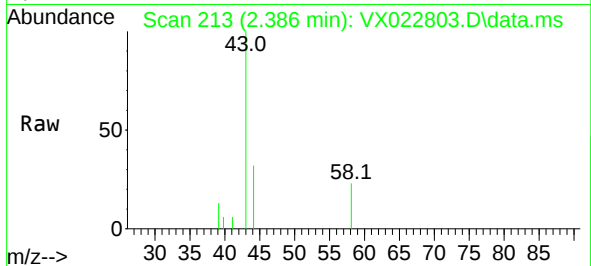




#16
Acetone
Concen: 3.698 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

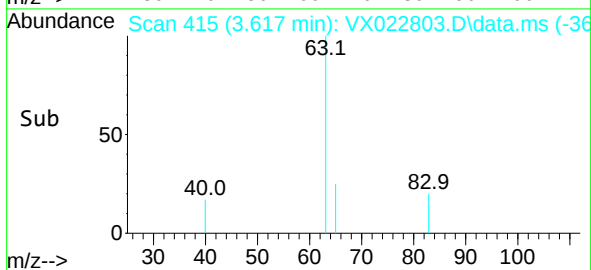
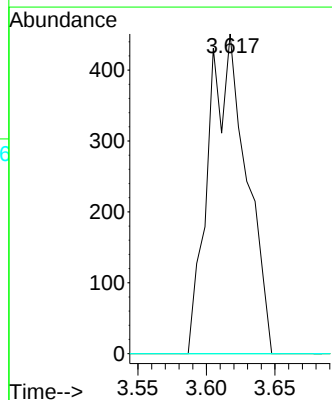
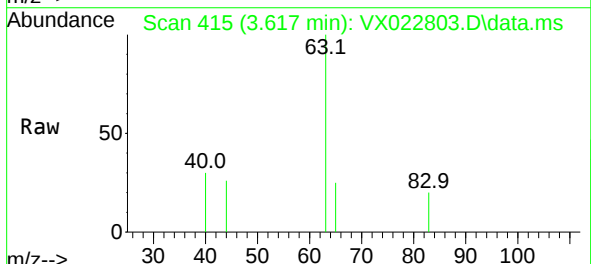
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210617

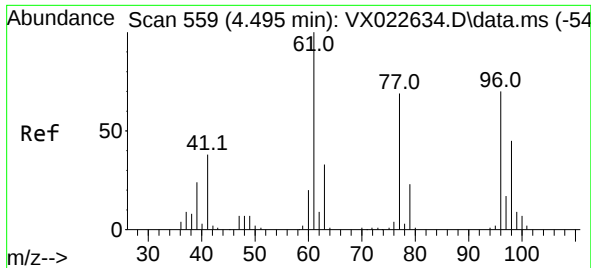
Tgt Ion: 43 Resp: 1588
Ion Ratio Lower Upper
43 100
58 22.5 27.8 41.8#



#24
1,1-Dichloroethane
Concen: 0.606 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

Tgt Ion: 63 Resp: 871
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#





#27

cis-1,2-Dichloroethene

Concen: 1.783 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX022803.D

Acq: 21 Jun 2021 18:33

Tgt Ion: 96 Resp: 1558

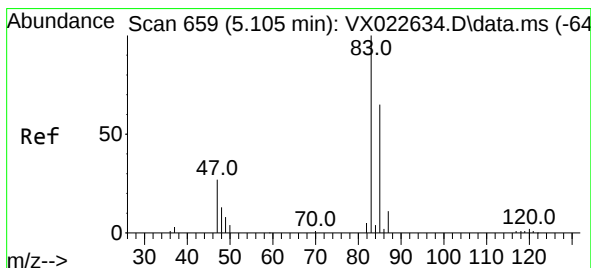
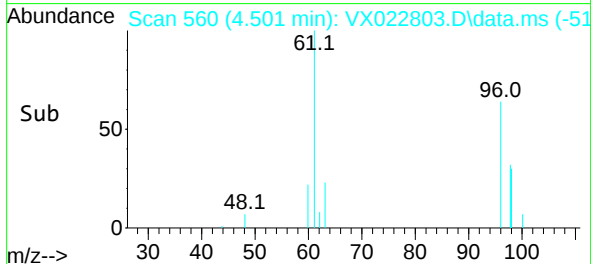
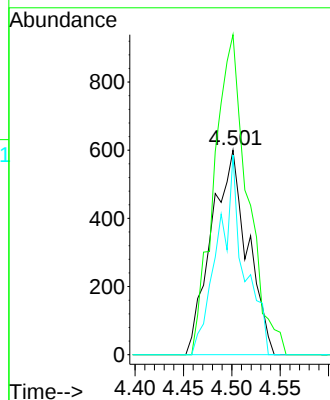
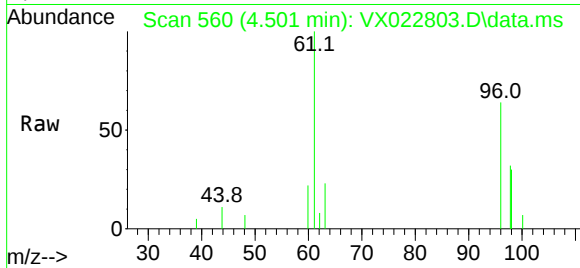
Ion	Ratio	Lower	Upper
96	100		
61	145.3	0.0	285.6
98	70.3	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

RE139D1-20210617



#30

Chloroform

Concen: 0.852 ug/l

RT: 5.086 min Scan# 656

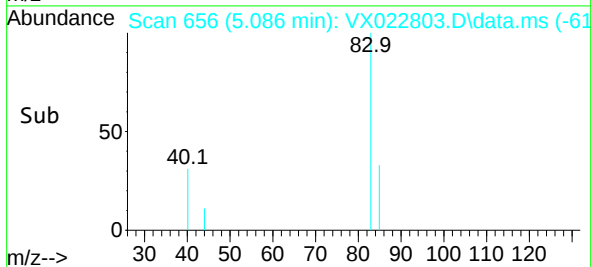
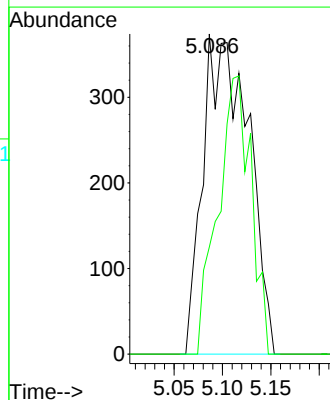
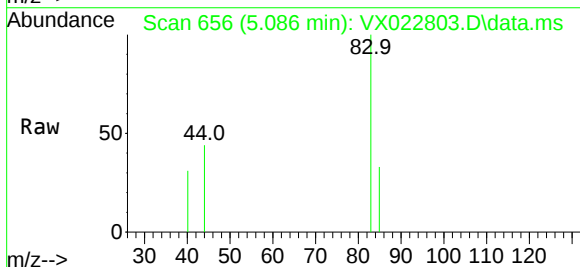
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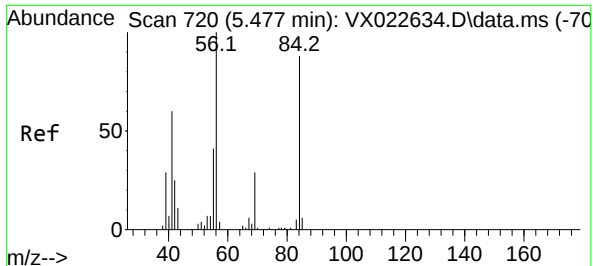
Lab File: VX022803.D

Acq: 21 Jun 2021 18:33

Tgt Ion: 83 Resp: 1220

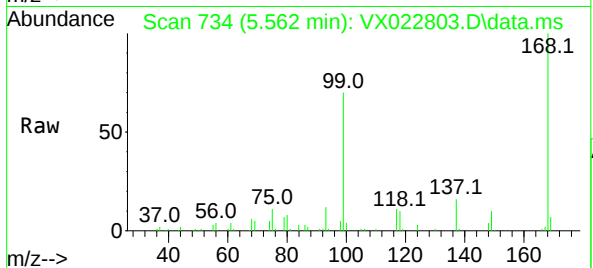
Ion	Ratio	Lower	Upper
83	100		
85	33.4	52.0	78.0#



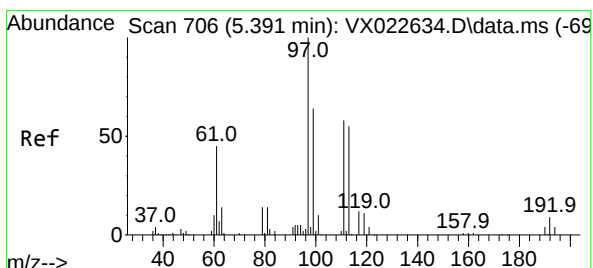
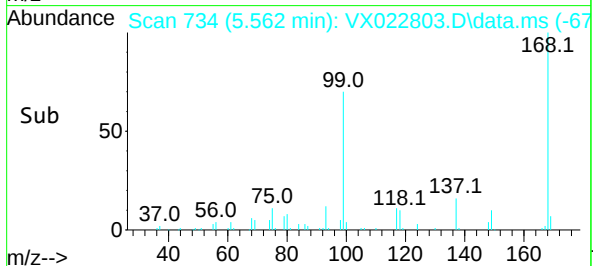
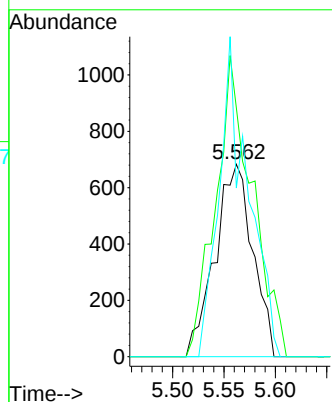


#31
Cyclohexane
Concen: 1.507 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210617

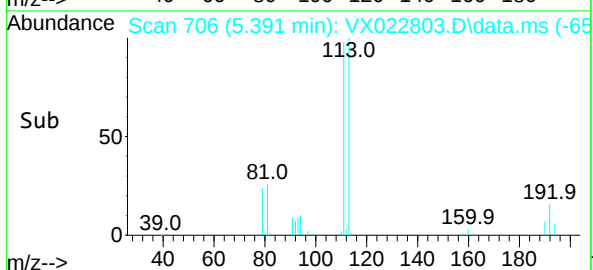
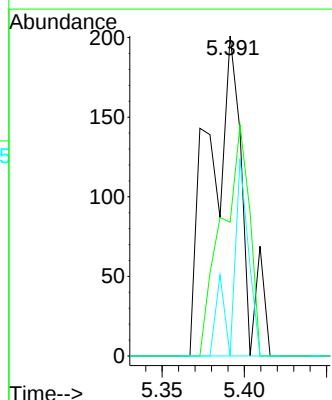
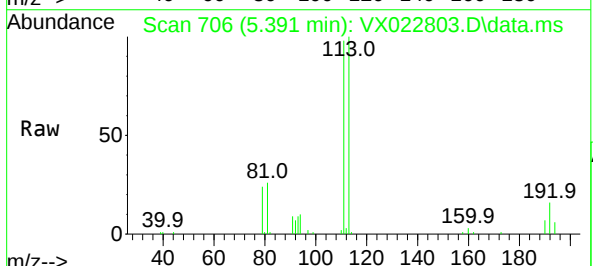


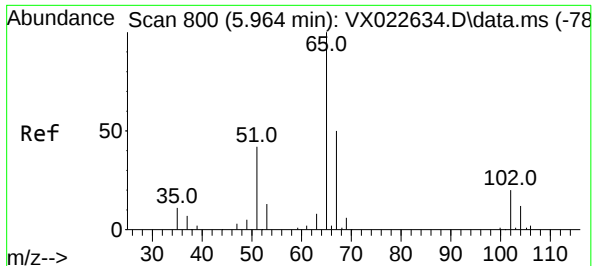
Tgt Ion: 56 Resp: 1743
Ion Ratio Lower Upper
56 100
69 129.3 25.3 37.9#
84 87.7 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 1.137 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

Tgt Ion: 97 Resp: 285
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 29.8 34.2 51.4#



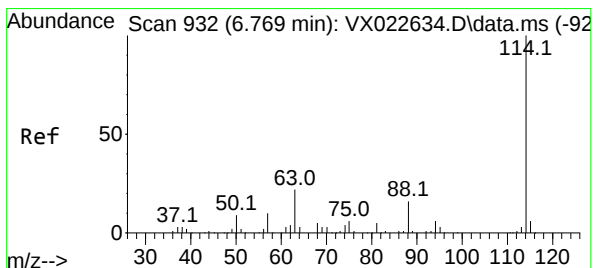
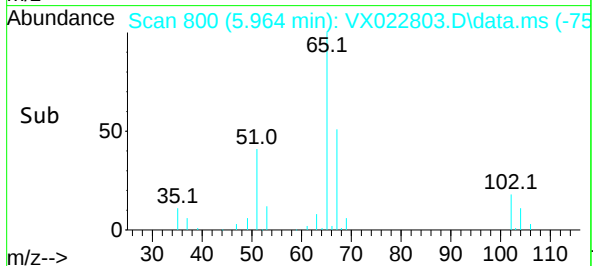
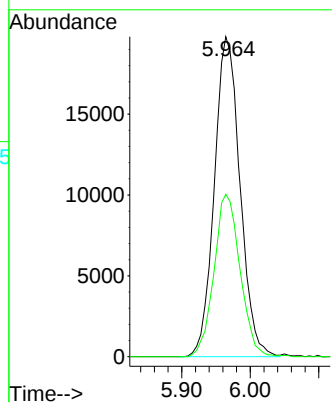
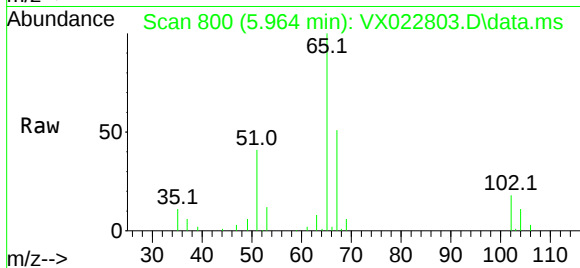


#33

1,2-Dichloroethane-d4
Concen: 53.602 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

Instrument :
MSVOA_X
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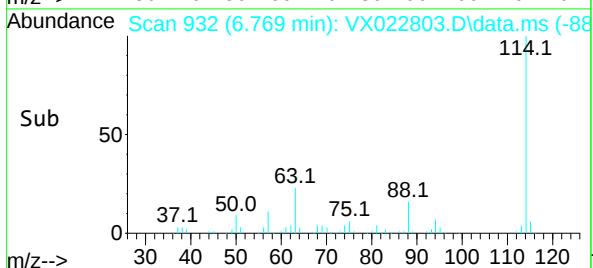
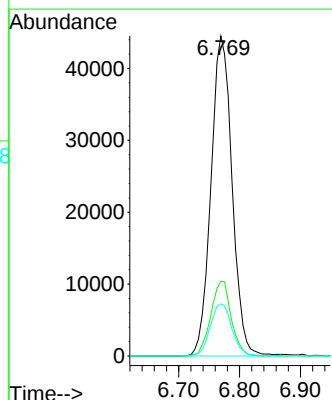
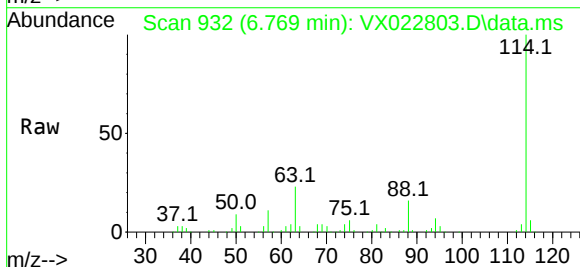
Tgt Ion: 65 Resp: 51401
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

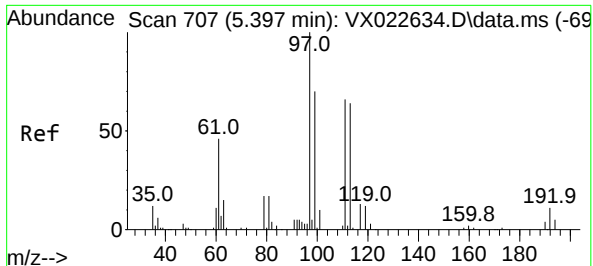


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

Tgt Ion: 114 Resp: 107256
Ion Ratio Lower Upper
114 100
63 23.4 0.0 40.8
88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.775 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX022803.D

Acq: 21 Jun 2021 18:33

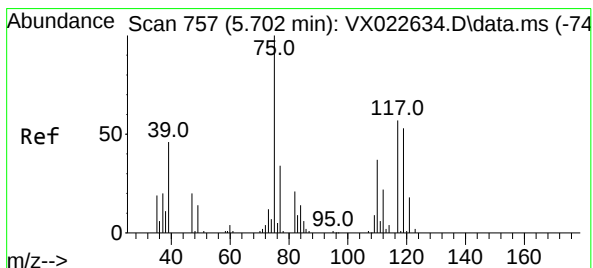
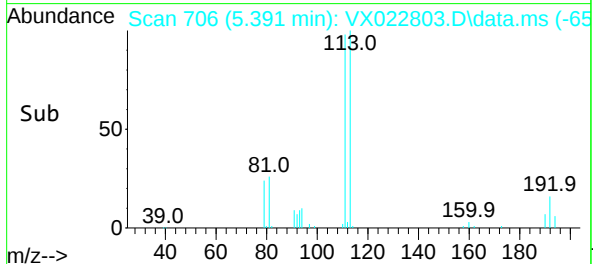
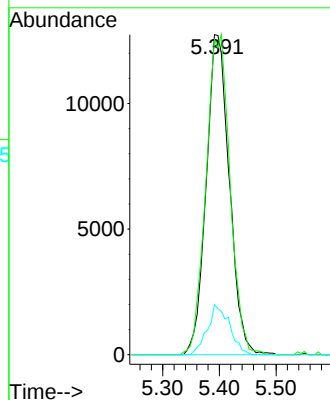
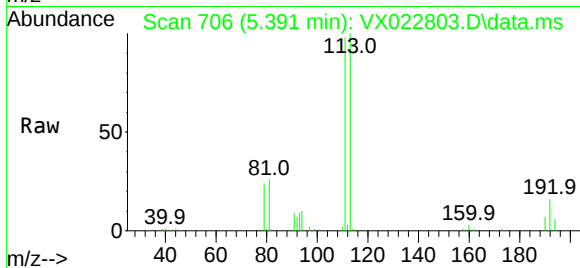
Tgt Ion:113 Resp: 36115

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

192 14.9 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.172 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022803.D

Acq: 21 Jun 2021 18:33

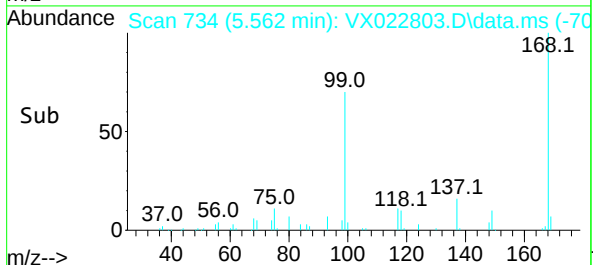
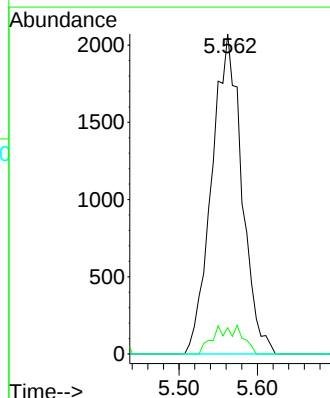
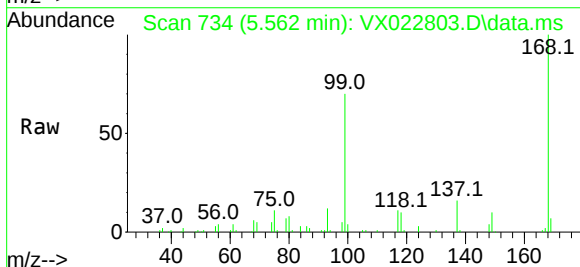
Tgt Ion: 75 Resp: 5527

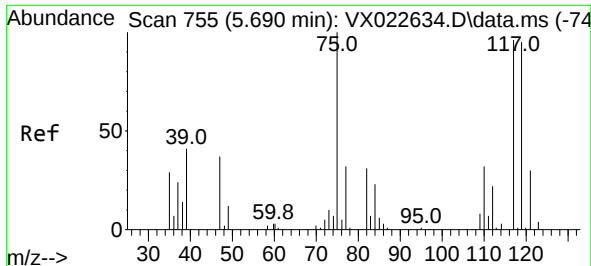
Ion Ratio Lower Upper

75 100

110 3.6 18.1 54.4#

77 0.0 25.3 37.9#

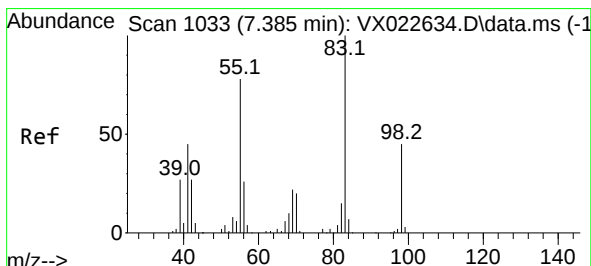
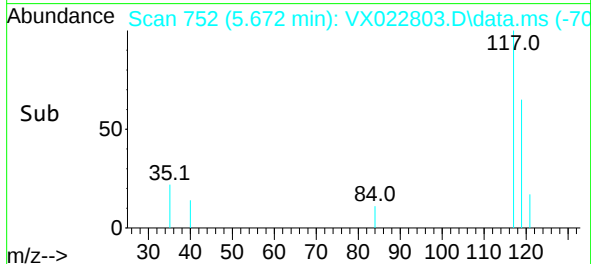
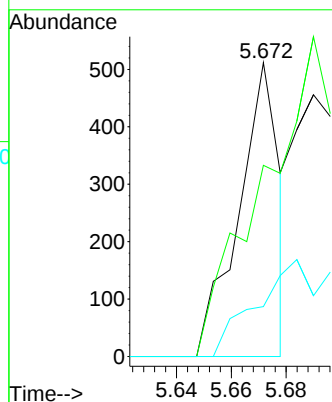
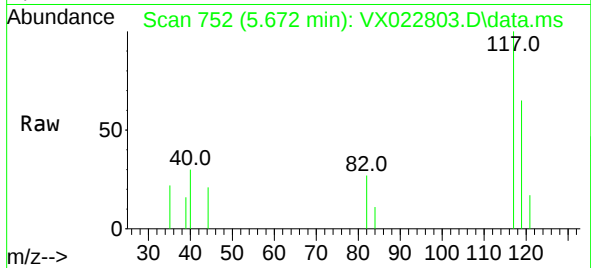




#38
Carbon Tetrachloride
Concen: 0.578 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

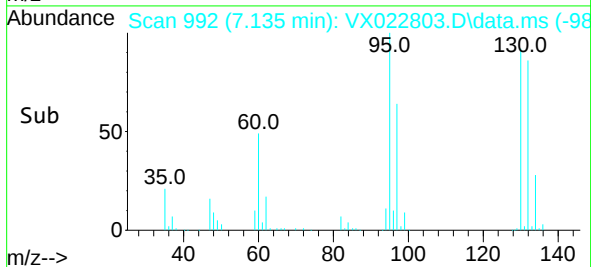
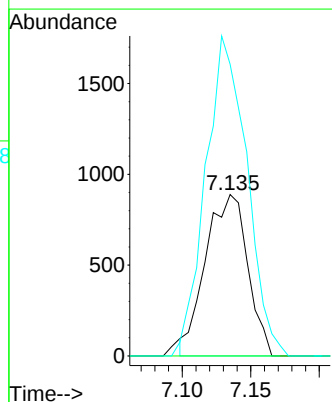
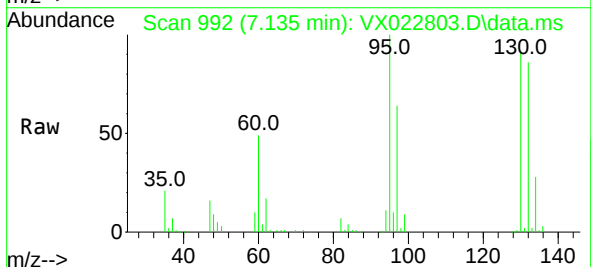
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210617

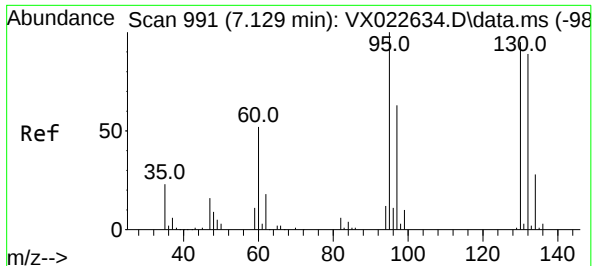
Tgt Ion:117 Resp: 528
Ion Ratio Lower Upper
117 100
119 65.0 76.2 114.2#
121 17.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 1.697 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

Tgt Ion: 83 Resp: 1892
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 174.2 38.1 57.1#

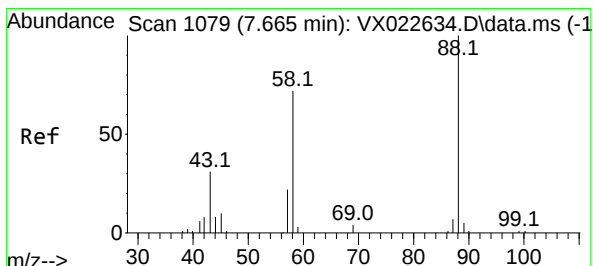
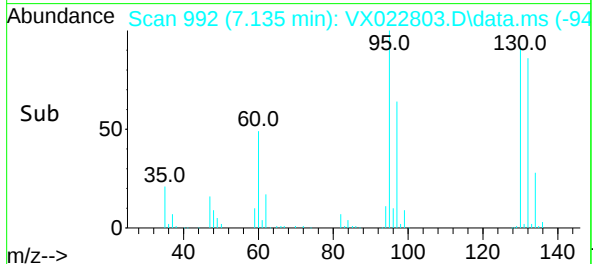
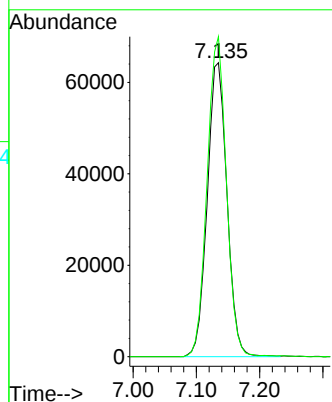
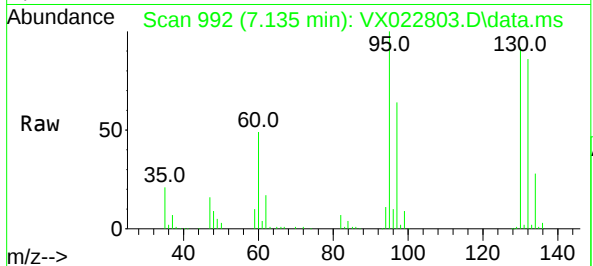




#44
Trichloroethene
Concen: 186.754 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

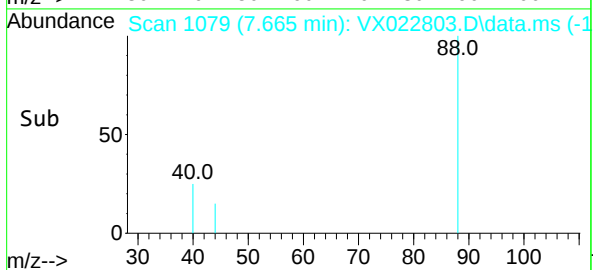
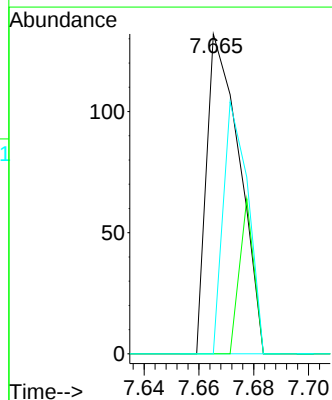
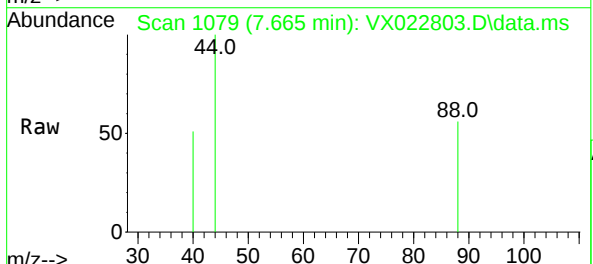
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210617

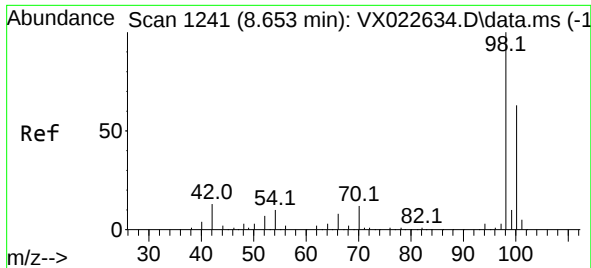
Tgt Ion:130 Resp: 139387
Ion Ratio Lower Upper
130 100
95 108.9 0.0 198.0



#49
1,4-Dioxane
Concen: 5.561 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

Tgt Ion: 88 Resp: 109
Ion Ratio Lower Upper
88 100
43 21.1 23.2 34.8#
58 59.6 55.0 82.4

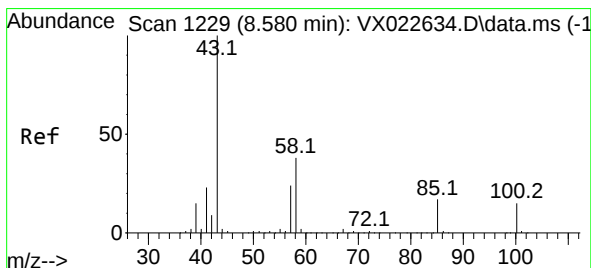
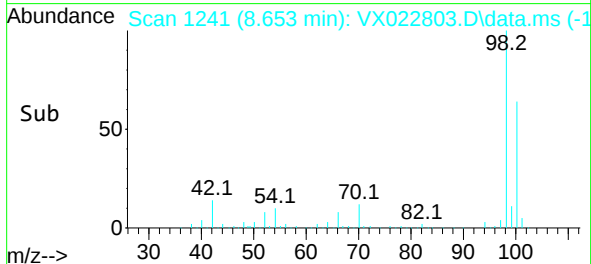
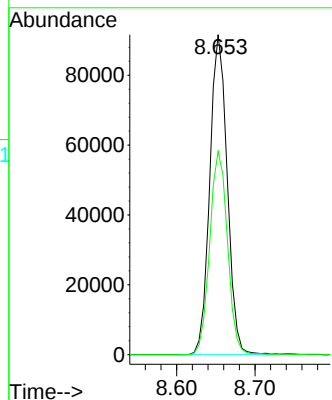
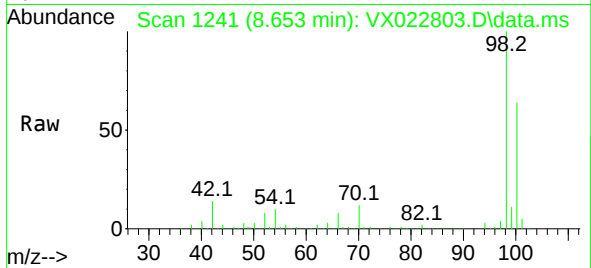




#50
Toluene-d8
Concen: 52.516 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

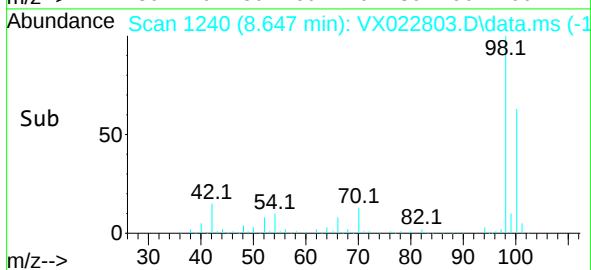
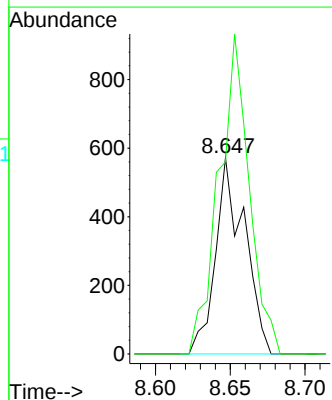
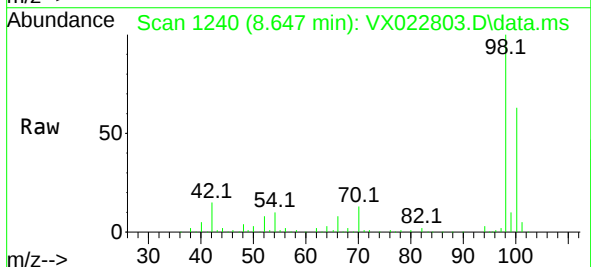
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210617

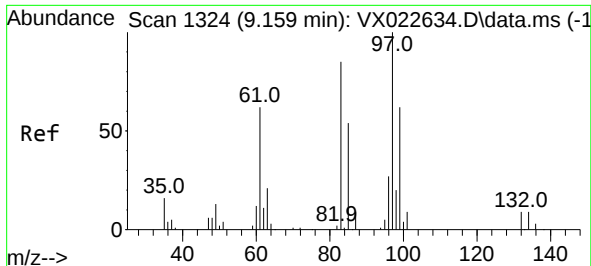
Tgt Ion: 98 Resp: 141667
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.566 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

Tgt Ion: 43 Resp: 771
Ion Ratio Lower Upper
43 100
58 170.6 35.4 53.0#

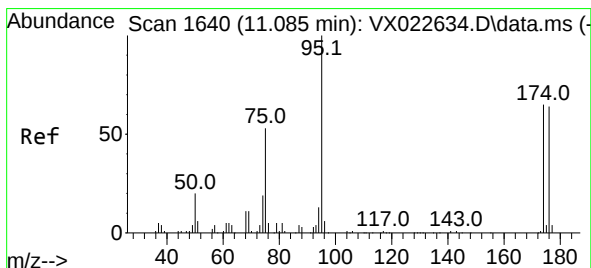
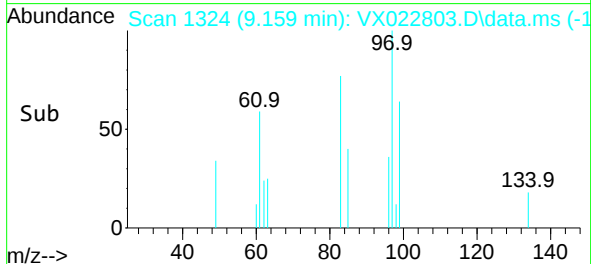
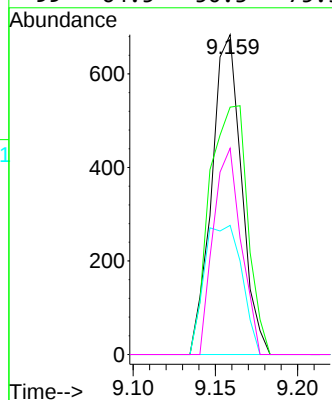
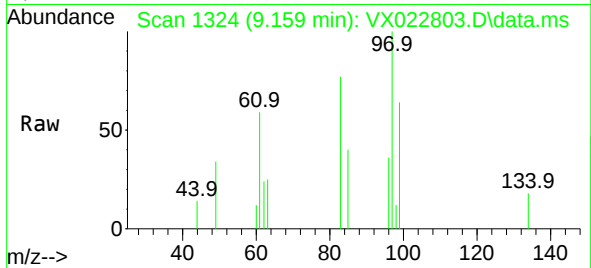




#55
1,1,2-Trichloroethane
Concen: 1.061 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

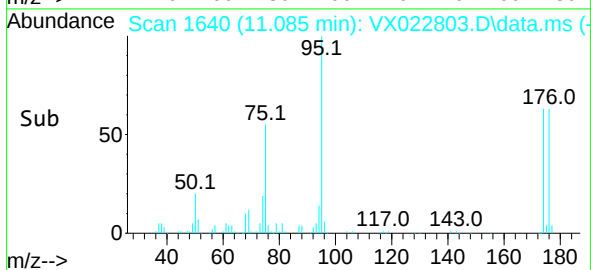
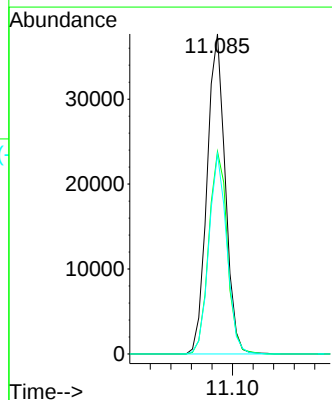
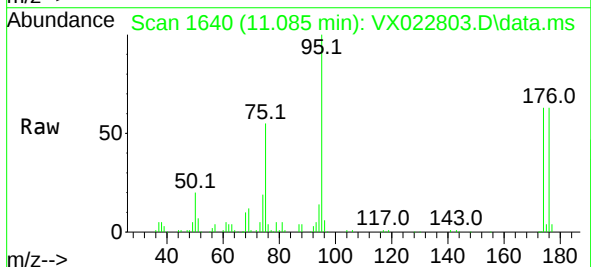
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210617

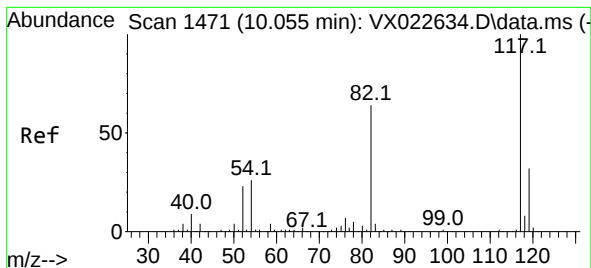
Tgt Ion: 97	Resp: 859
Ion Ratio	Lower Upper
97 100	
83 77.3	69.3 103.9
85 40.4	44.3 66.5#
99 64.5	50.3 75.5



#62
4-Bromofluorobenzene
Concen: 45.544 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

Tgt Ion: 95	Resp: 46466
Ion Ratio	Lower Upper
95 100	
174 64.2	0.0 154.6
176 61.6	0.0 155.8

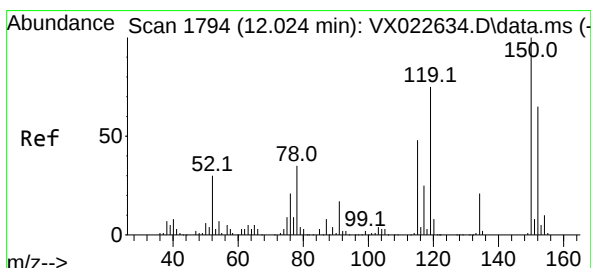
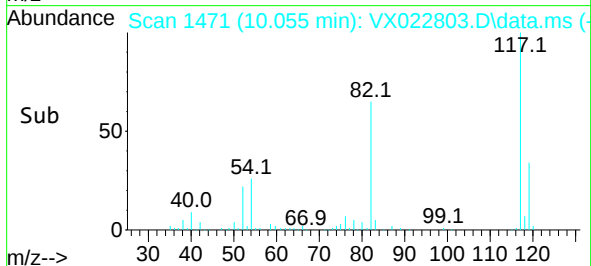
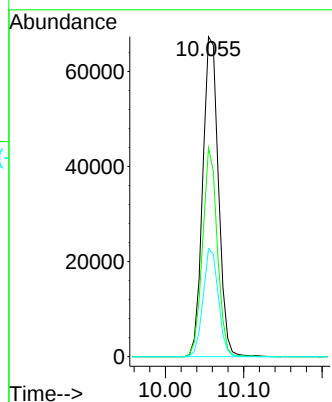
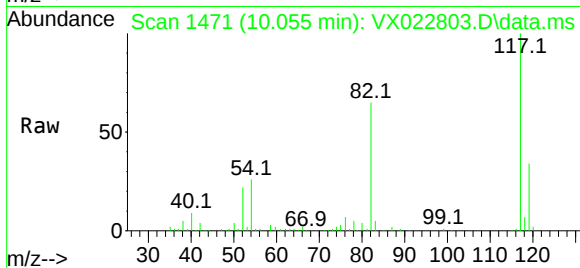




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

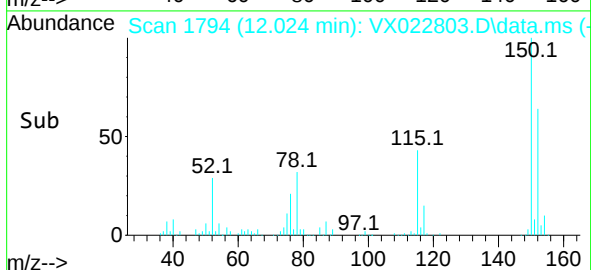
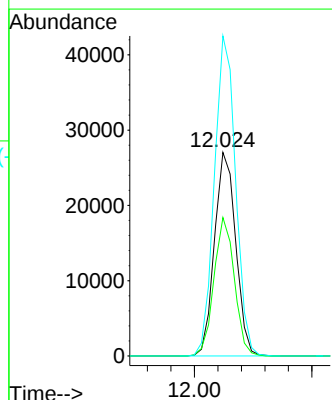
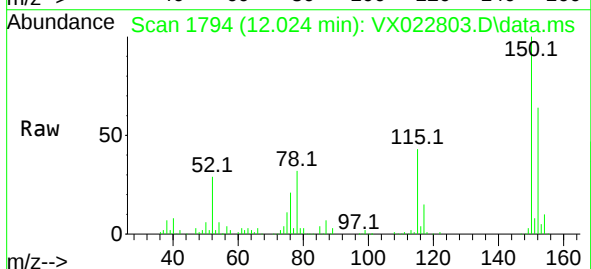
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210617

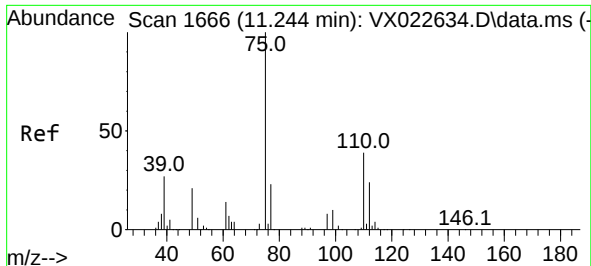
Tgt Ion:117 Resp: 93652
Ion Ratio Lower Upper
117 100
82 65.3 47.4 71.2
119 33.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

Tgt Ion:152 Resp: 33999
Ion Ratio Lower Upper
152 100
115 65.3 41.1 123.3
150 156.7 0.0 349.0

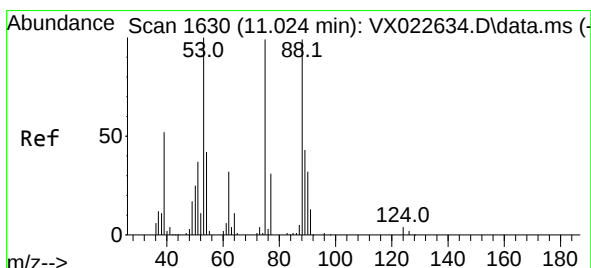
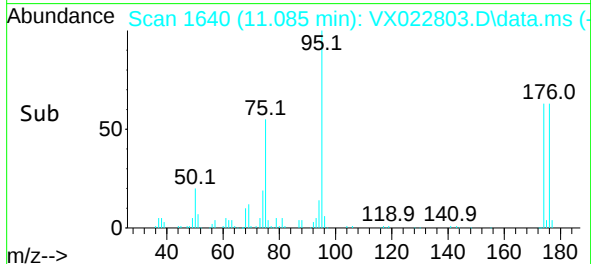
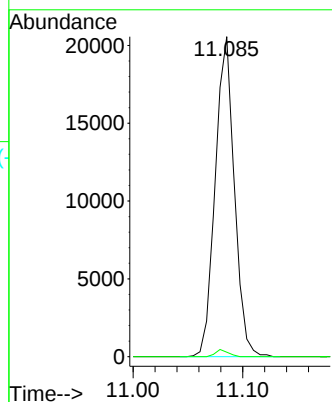
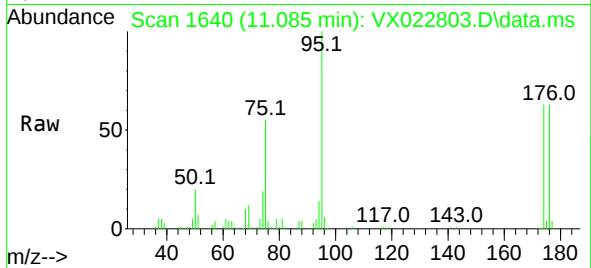




#76
1,2,3-Trichloropropane
Concen: 27.661 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210617

Tgt Ion: 75 Resp: 24935
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.009 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022803.D
Acq: 21 Jun 2021 18:33

Tgt Ion: 75 Resp: 24935
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

