

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022851.D
 Acq On : 23 Jun 2021 19:42
 Operator : JC/MD
 Sample : M2783-18 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 24 03:37:32 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

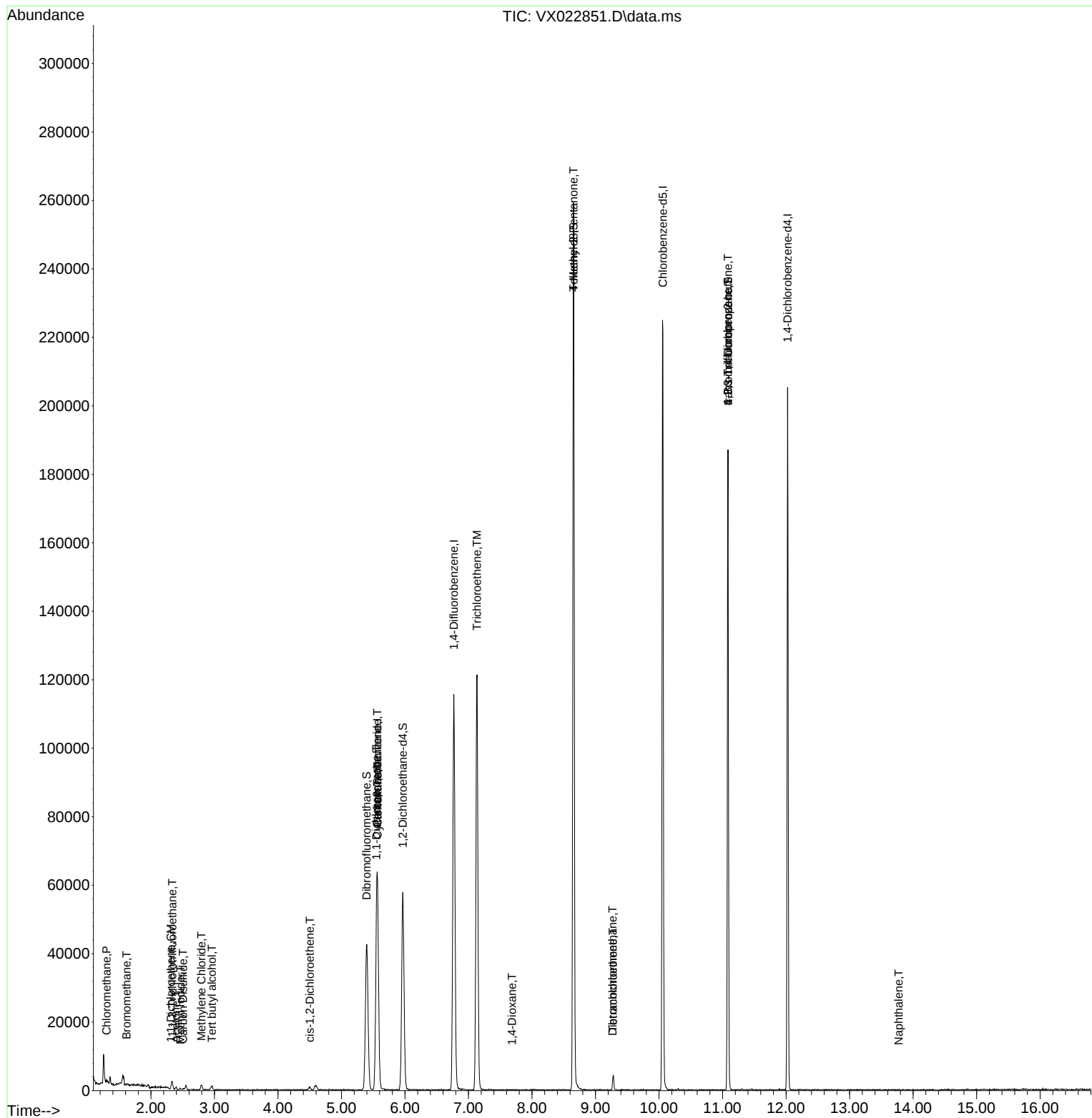
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	53899	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	110709	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	95945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51556	52.707	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.420%	
35) Dibromofluoromethane	5.397	113	35626	50.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.360%	
50) Toluene-d8	8.653	98	145707	52.882	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.760%	
62) 4-Bromofluorobenzene	11.085	95	48307	46.977	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.960%	
Target Compounds						Qvalue
3) Chloromethane	1.300	50	192	0.230	ug/l	# 44
5) Bromomethane	1.617	94	193	0.455	ug/l	# 45
9) 1,1,2-Trichlorotrifluo...	2.337	101	986	1.407	ug/l	92
10) Methyl Iodide	2.465	142	249	4.152	ug/l	# 59
11) Tert butyl alcohol	2.959	59	778	3.816	ug/l	# 73
12) 1,1-Dichloroethene	2.312	96	165	0.236	ug/l	# 47
16) Acetone	2.392	43	541	1.248	ug/l	95
17) Carbon Disulfide	2.508	76	334	3.679	ug/l	# 75
20) Methylene Chloride	2.794	84	696	1.176	ug/l	94
27) cis-1,2-Dichloroethene	4.501	96	490	0.569	ug/l	92
31) Cyclohexane	5.568	56	1800	1.303	ug/l	# 17
36) 1,1-Dichloropropene	5.550	75	6010	5.111	ug/l	# 44
38) Carbon Tetrachloride	5.562	117	6236	6.323	ug/l	# 12
44) Trichloroethene	7.135	130	41480	51.584	ug/l	89
49) 1,4-Dioxane	7.683	88	56	2.567	ug/l	# 24
51) 4-Methyl-2-Pentanone	8.653	43	879	0.645	ug/l	# 1
60) Dibromochloromethane	9.268	129	964	4.759	ug/l	# 11
64) Tetrachloroethene	9.275	164	778	1.154	ug/l	# 79
76) 1,2,3-Trichloropropane	11.085	75	26815	28.763	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	26815	74.084	ug/l	# 12
95) Naphthalene	13.774	128	86	1.951	ug/l	# 69

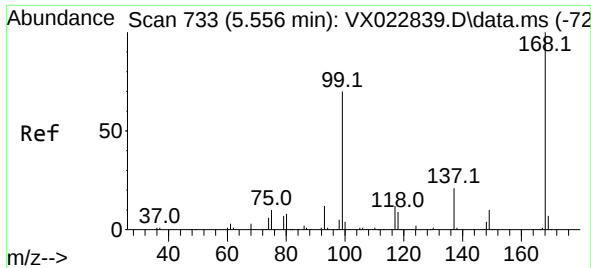
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

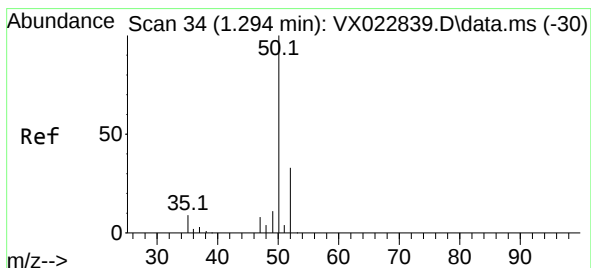
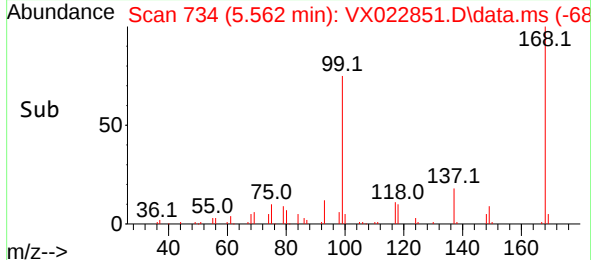
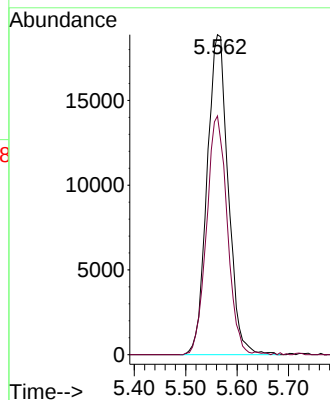
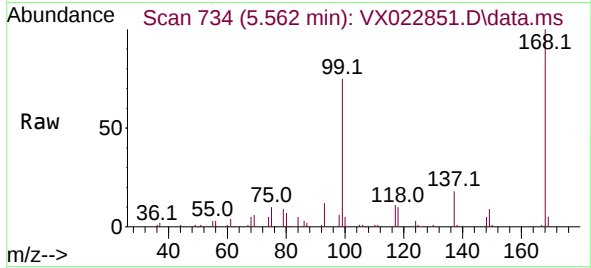




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

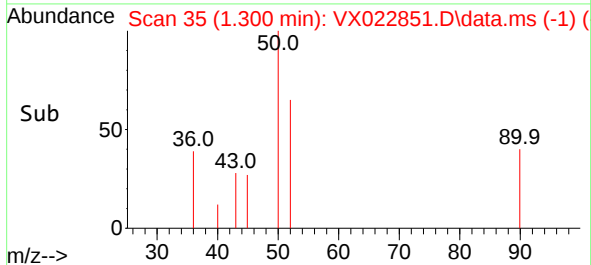
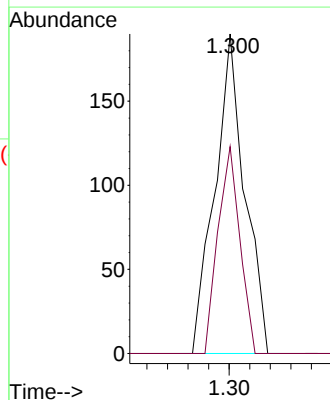
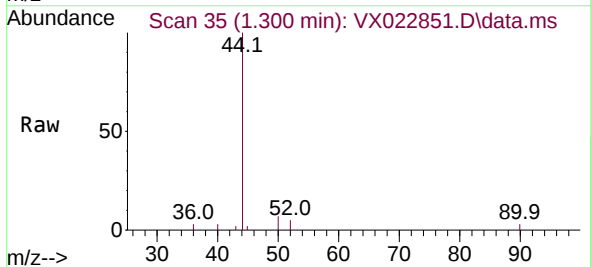
Instrument :
MSVOA_X
ClientSampled :

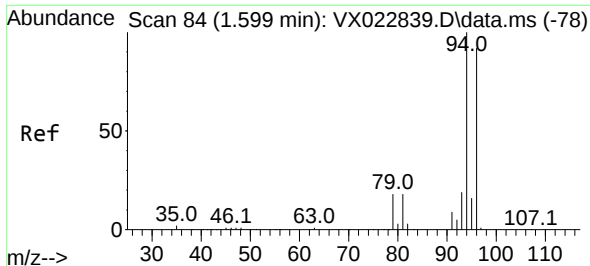
Tgt Ion:168 Resp: 53899
Ion Ratio Lower Upper
168 100
99 74.6 45.8 68.6#



#3
Chloromethane
Concen: 0.230 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

Tgt Ion: 50 Resp: 192
Ion Ratio Lower Upper
50 100
52 64.7 26.4 39.6#

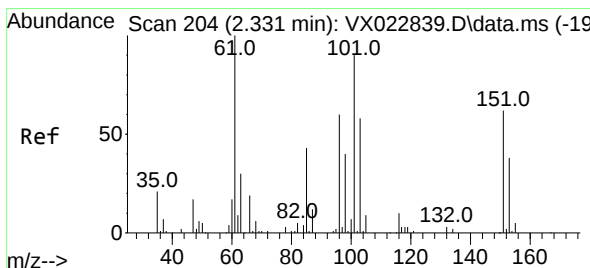
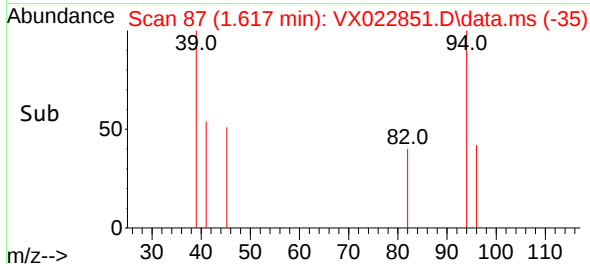
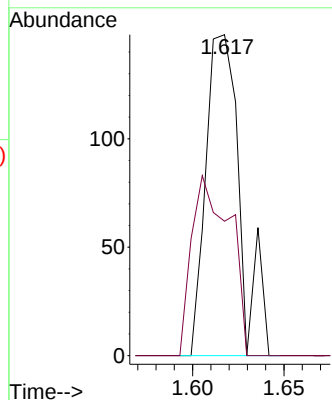
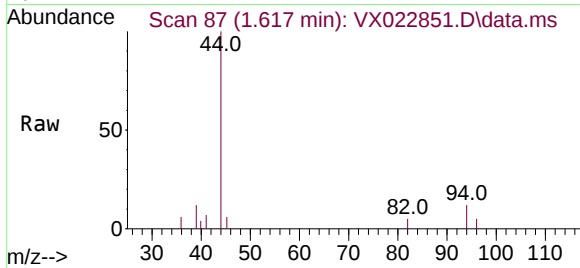




#5
Bromomethane
Concen: 0.455 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

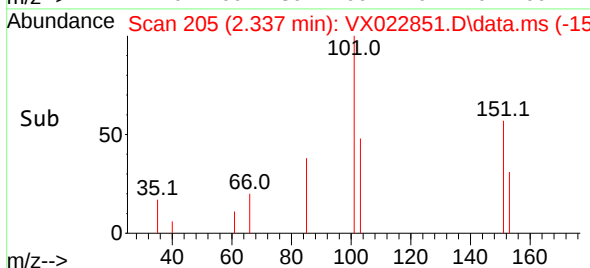
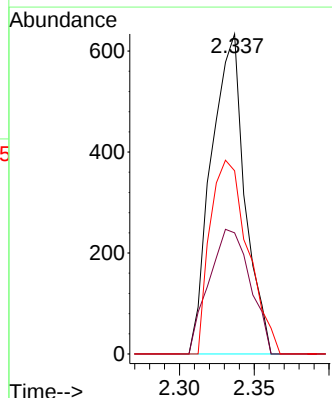
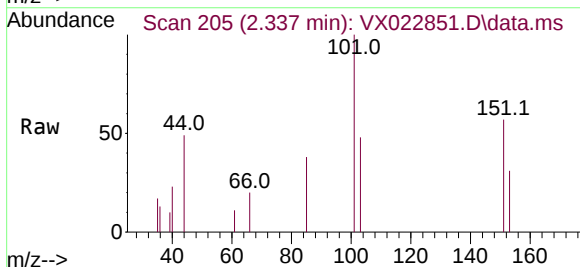
Instrument :
MSVOA_X
ClientSampleId :

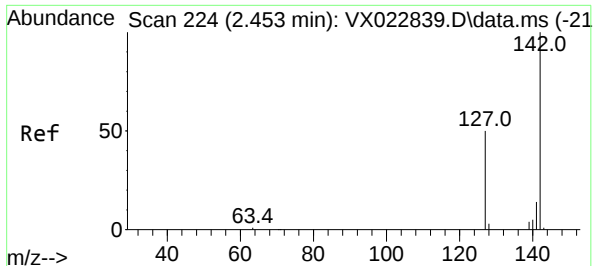
Tgt Ion: 94 Resp: 193
Ion Ratio Lower Upper
94 100
96 41.9 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.407 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

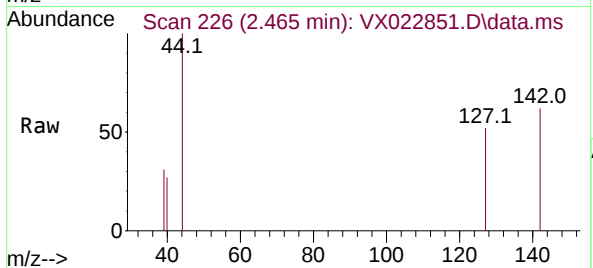
Tgt Ion: 101 Resp: 986
Ion Ratio Lower Upper
101 100
85 48.0 34.9 52.3
151 68.7 61.4 92.2



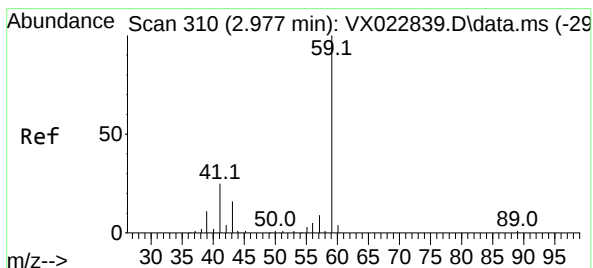
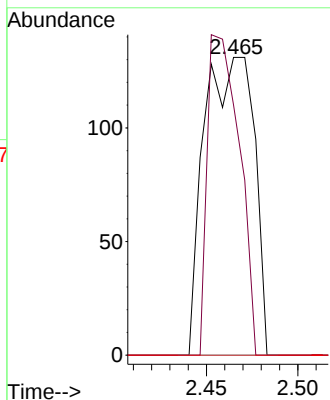
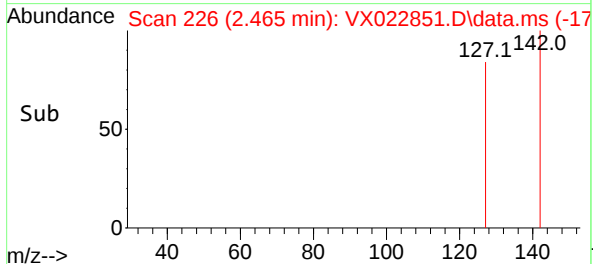


#10
Methyl Iodide
Concen: 4.152 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

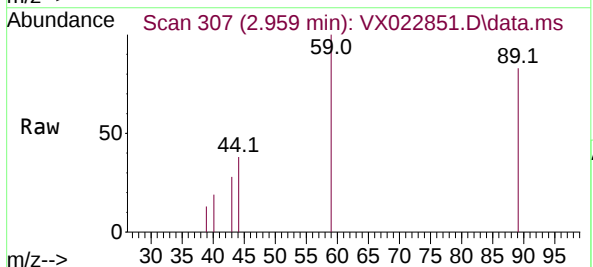
Instrument :
MSVOA_X
ClientSampled :



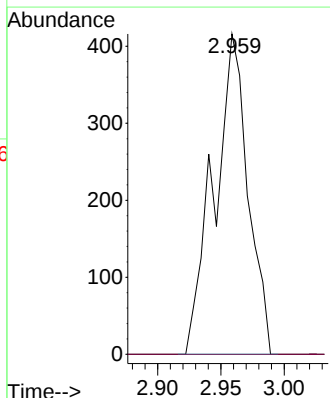
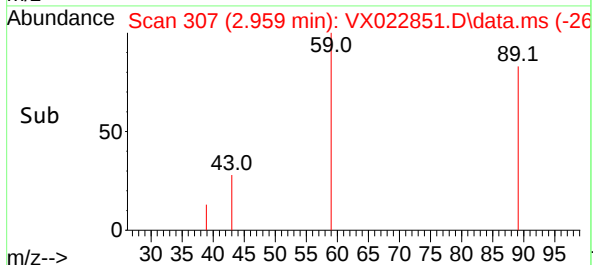
Tgt Ion:142 Resp: 249
Ion Ratio Lower Upper
142 100
127 68.7 33.3 49.9#
141 0.0 11.4 17.0#

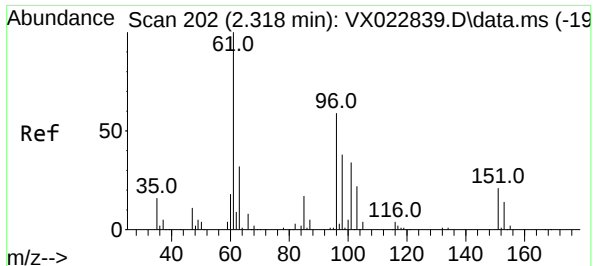


#11
Tert butyl alcohol
Concen: 3.816 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42



Tgt Ion: 59 Resp: 778
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.236 ug/l

RT: 2.312 min Scan# 201

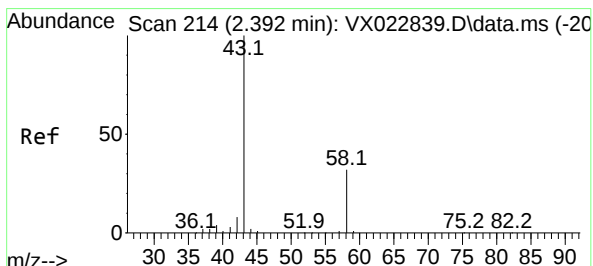
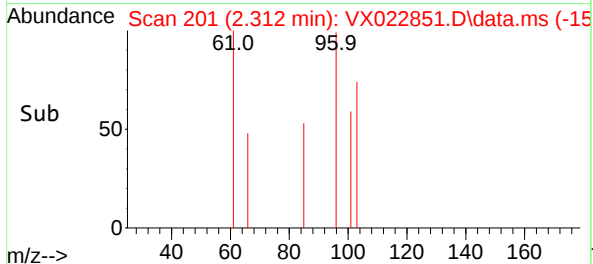
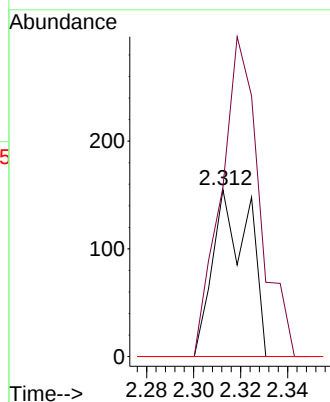
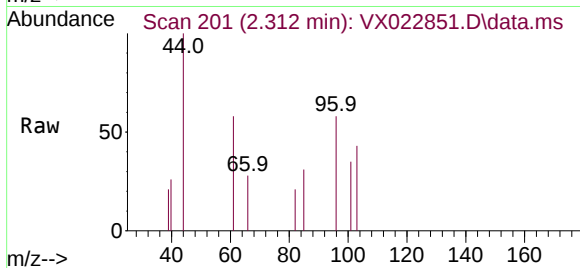
Delta R.T. -0.006 min

Lab File: VX022851.D

Acq: 23 Jun 2021 19:42

Tgt Ion:	96	Resp:	165
Ion	Ratio	Lower	Upper
96	100		
61	101.3	124.6	187.0#
98	0.0	50.6	76.0#

Instrument :
MSVOA_X
ClientSampled :



#16

Acetone

Concen: 1.248 ug/l

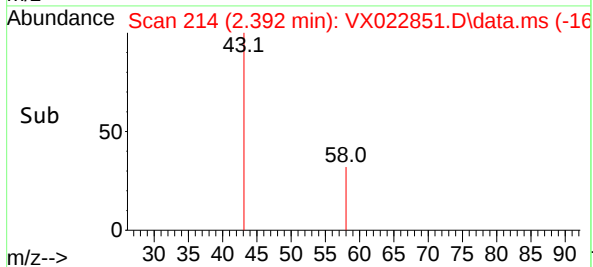
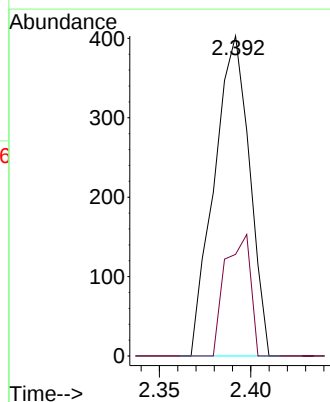
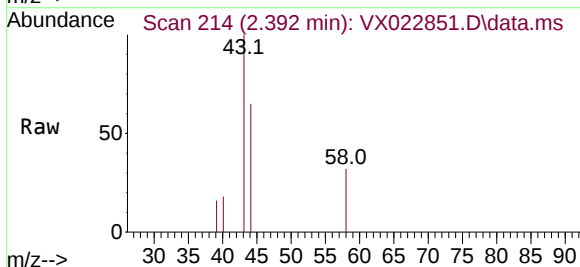
RT: 2.392 min Scan# 214

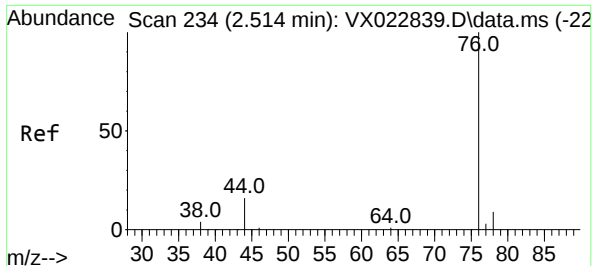
Delta R.T. -0.000 min

Lab File: VX022851.D

Acq: 23 Jun 2021 19:42

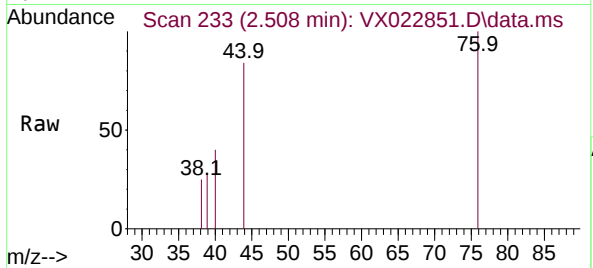
Tgt Ion:	43	Resp:	541
Ion	Ratio	Lower	Upper
43	100		
58	31.8	27.8	41.8



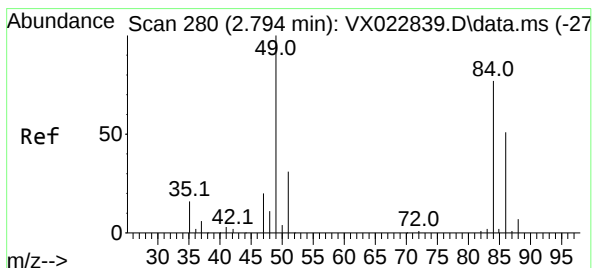
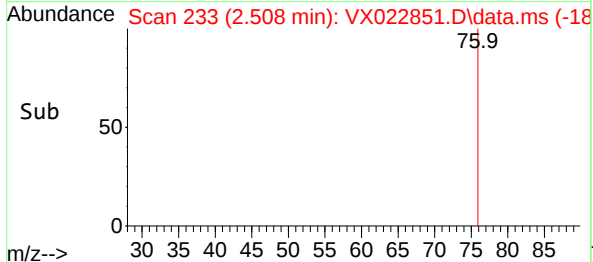
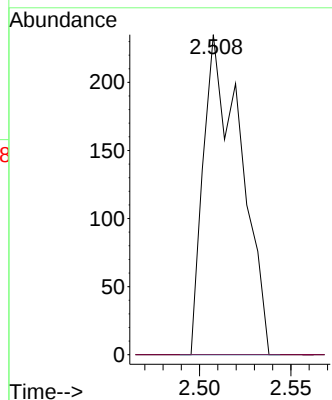


#17
Carbon Disulfide
Concen: 3.679 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

Instrument :
MSVOA_X
ClientSampleId :

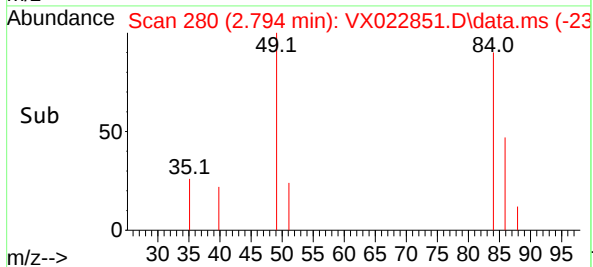
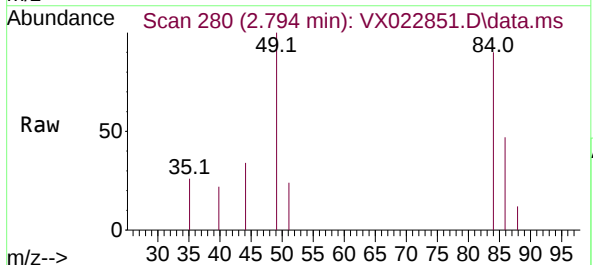
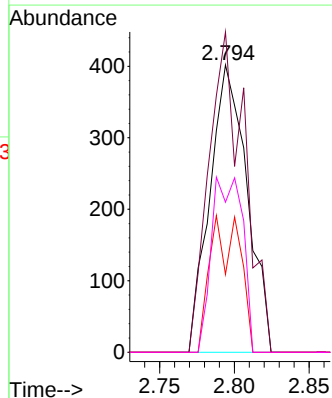


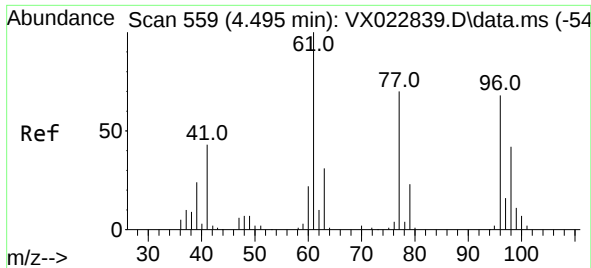
Tgt Ion: 76 Resp: 334
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 1.176 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

Tgt Ion: 84 Resp: 696
Ion Ratio Lower Upper
84 100
49 111.4 88.6 132.8
51 27.1 27.0 40.6
86 52.2 50.3 75.5





#27

cis-1,2-Dichloroethene

Concen: 0.569 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

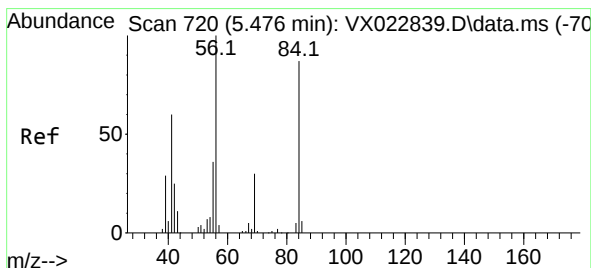
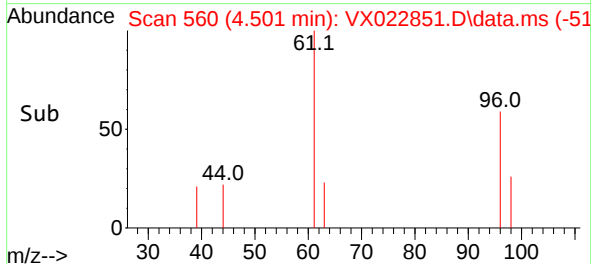
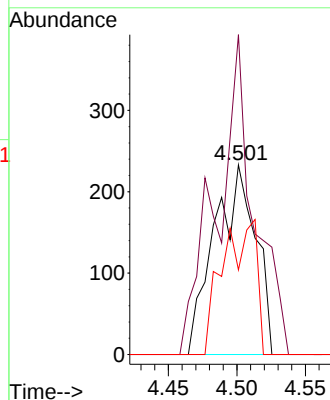
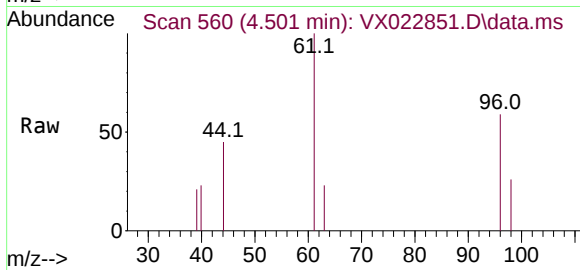
Lab File: VX022851.D

Acq: 23 Jun 2021 19:42

Tgt Ion: 96 Resp: 490

Ion	Ratio	Lower	Upper
96	100		
61	151.4	0.0	285.6
98	58.0	0.0	129.6

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.303 ug/l

RT: 5.568 min Scan# 735

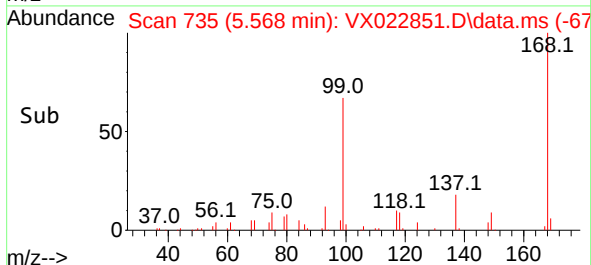
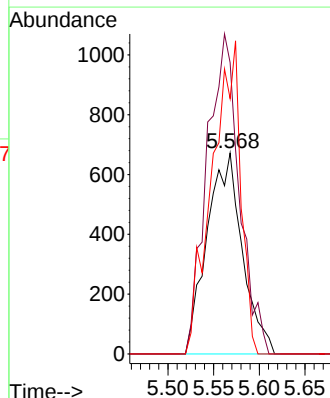
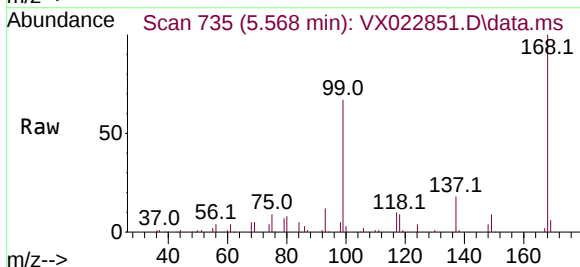
Delta R.T. 0.092 min

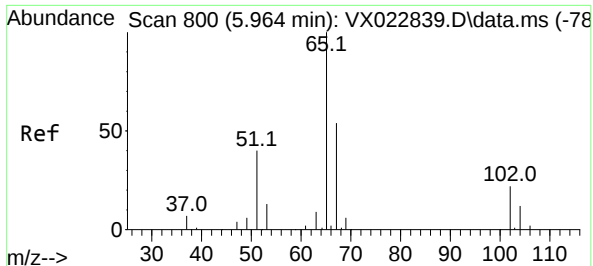
Lab File: VX022851.D

Acq: 23 Jun 2021 19:42

Tgt Ion: 56 Resp: 1800

Ion	Ratio	Lower	Upper
56	100		
69	144.9	25.3	37.9#
84	127.1	71.4	107.0#



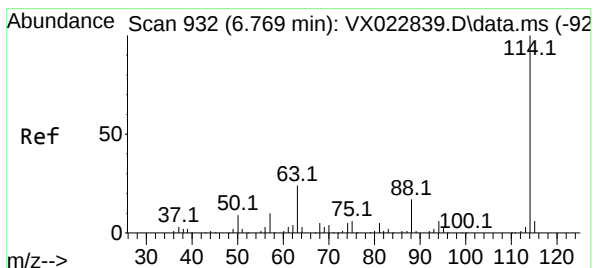
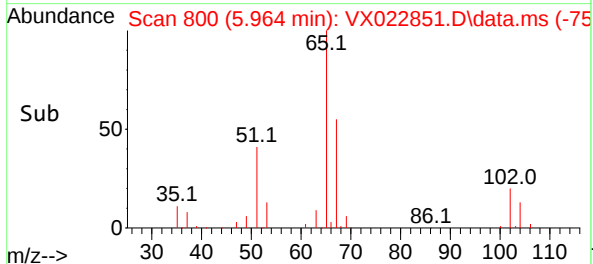
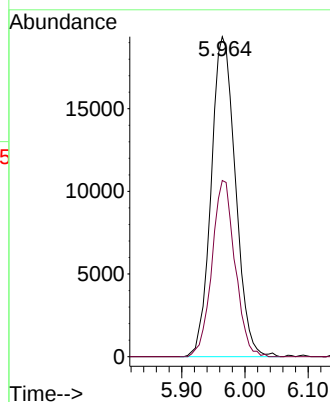
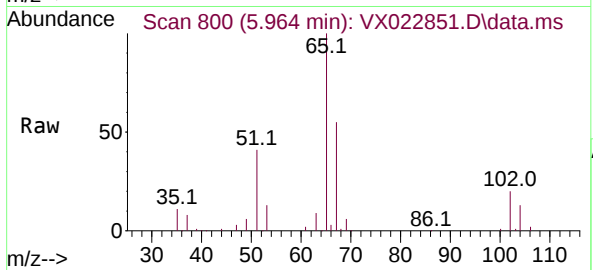


#33

1,2-Dichloroethane-d4
Concen: 52.707 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

Instrument :
MSVOA_X
ClientSampled :

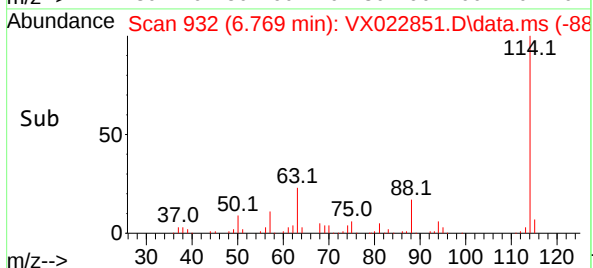
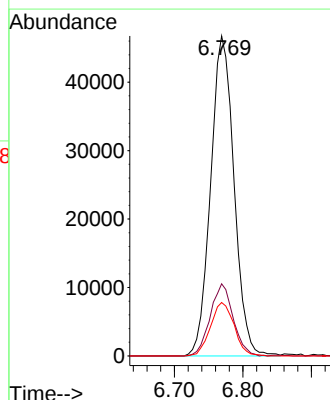
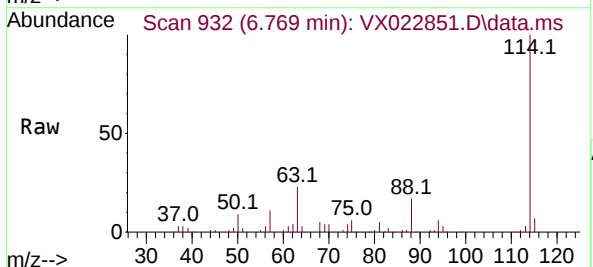
Tgt Ion: 65 Resp: 51556
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

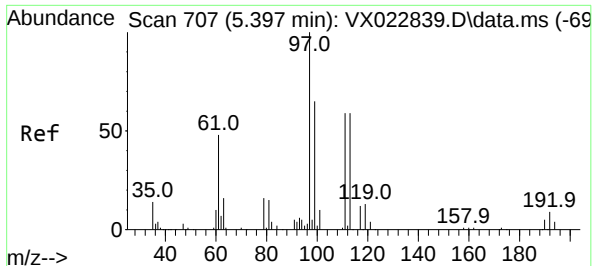


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

Tgt Ion: 114 Resp: 110709
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.675 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022851.D

Acq: 23 Jun 2021 19:42

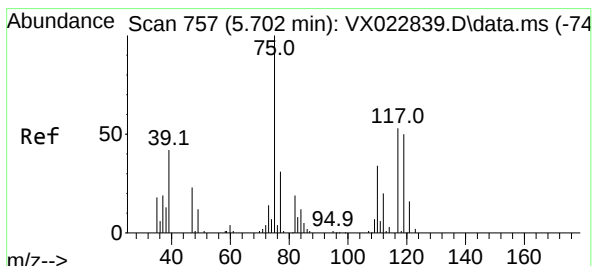
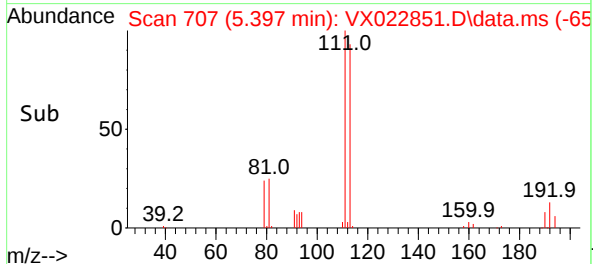
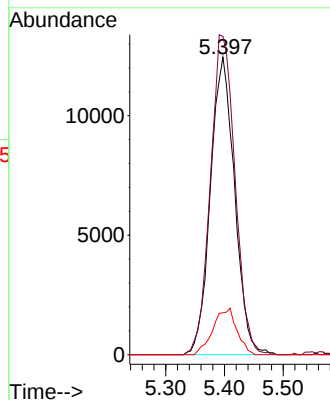
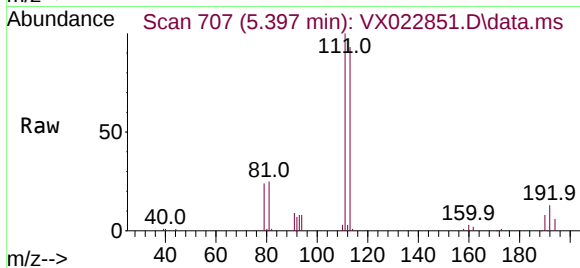
Tgt Ion:113 Resp: 35626

Ion Ratio Lower Upper

113 100

111 109.5 81.9 122.9

192 15.3 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.111 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.152 min

Lab File: VX022851.D

Acq: 23 Jun 2021 19:42

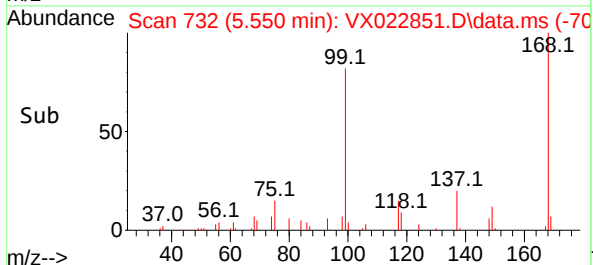
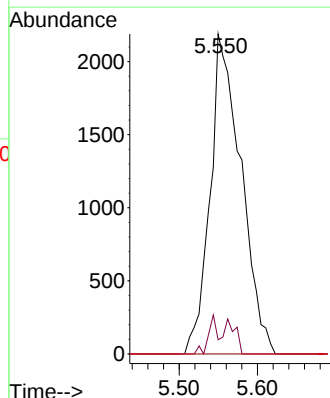
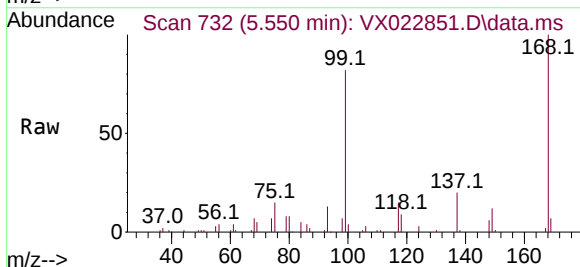
Tgt Ion: 75 Resp: 6010

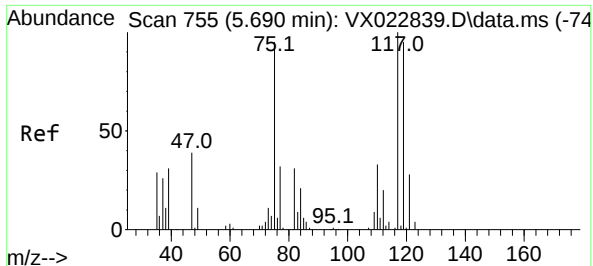
Ion Ratio Lower Upper

75 100

110 3.3 18.1 54.4#

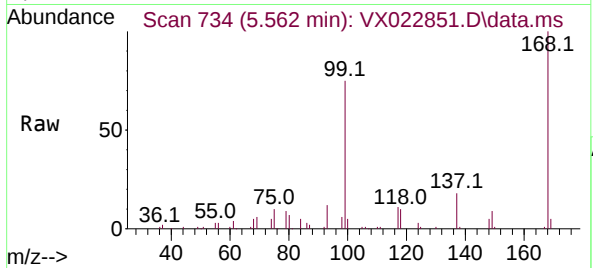
77 0.0 25.3 37.9#



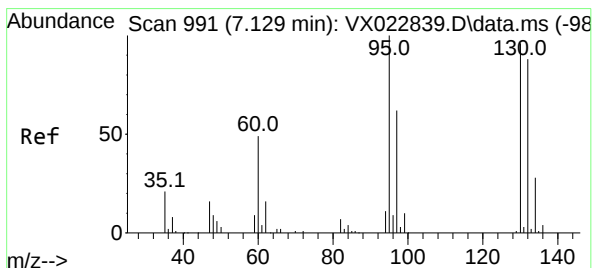
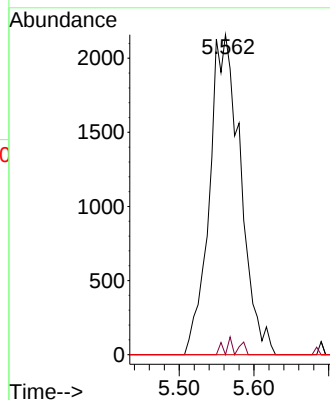
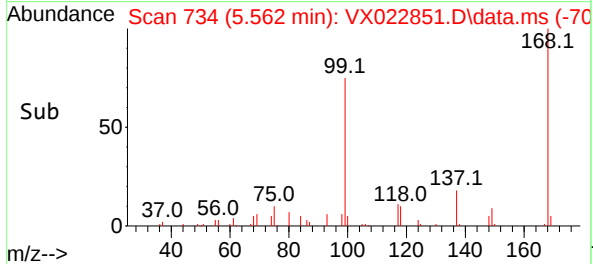


#38
Carbon Tetrachloride
Concen: 6.323 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

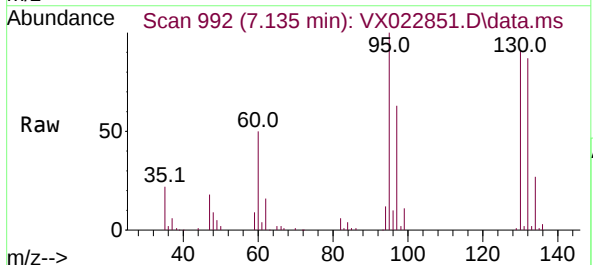
Instrument :
MSVOA_X
ClientSampled :



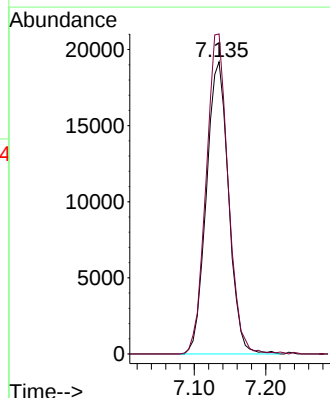
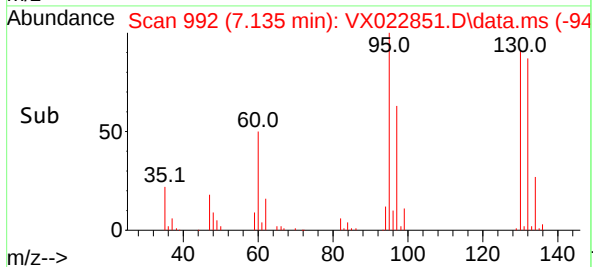
Tgt Ion:117 Resp: 6236
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#

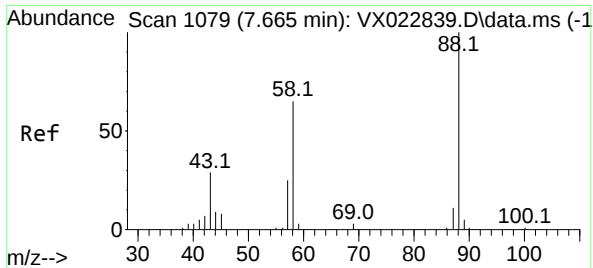


#44
Trichloroethene
Concen: 51.584 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42



Tgt Ion:130 Resp: 41480
Ion Ratio Lower Upper
130 100
95 109.5 0.0 198.0

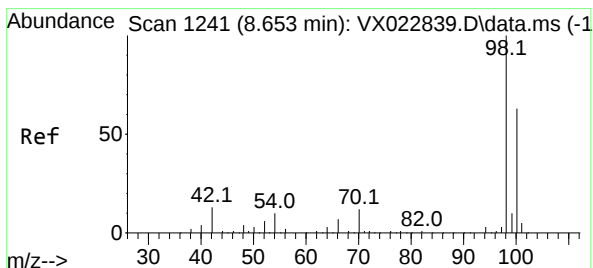
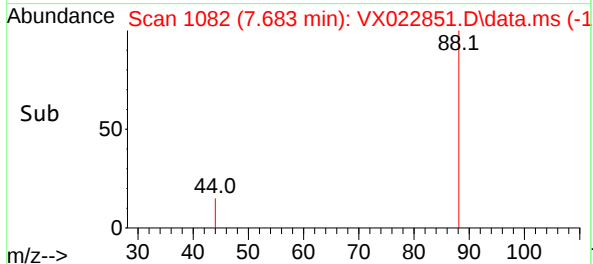
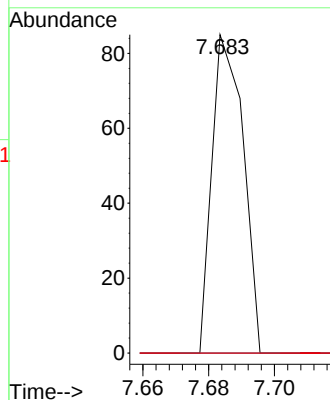
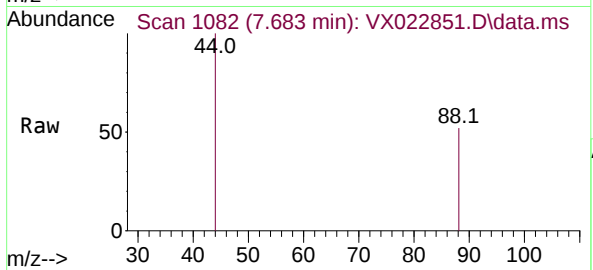




#49
1,4-Dioxane
Concen: 2.567 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.018 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

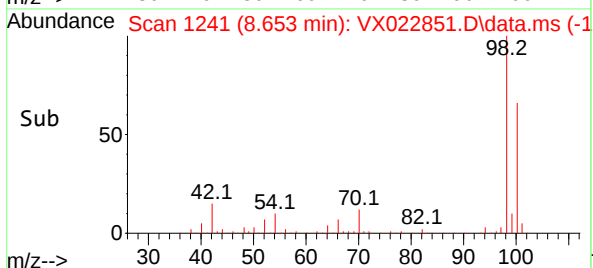
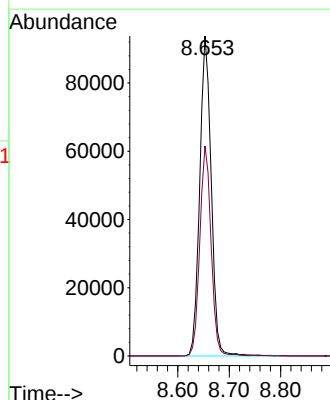
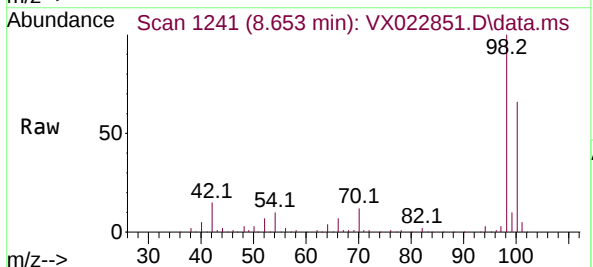
Instrument :
MSVOA_X
ClientSampled :

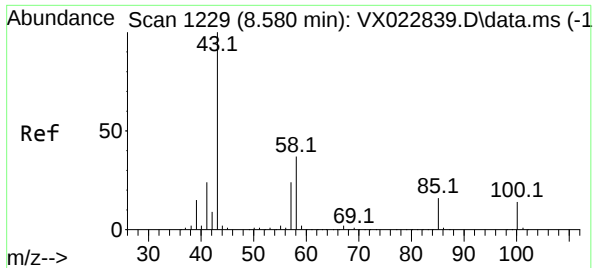
Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 55.0 82.4#



#50
Toluene-d8
Concen: 52.882 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

Tgt Ion: 98 Resp: 145707
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

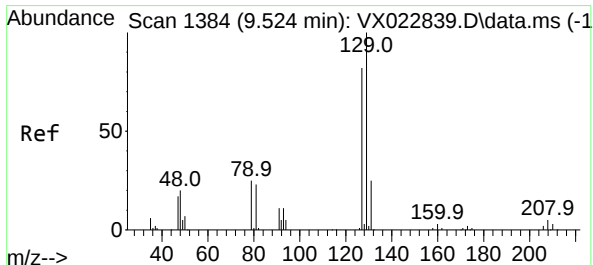
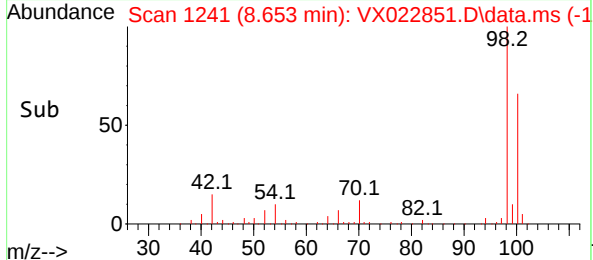
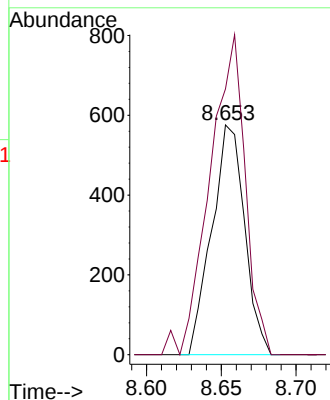
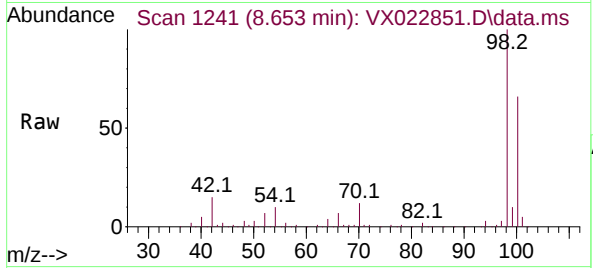




#51
4-Methyl-2-Pentanone
Concen: 0.645 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

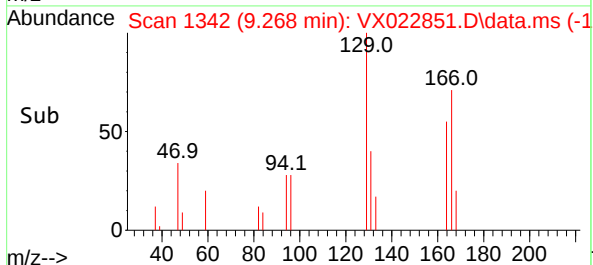
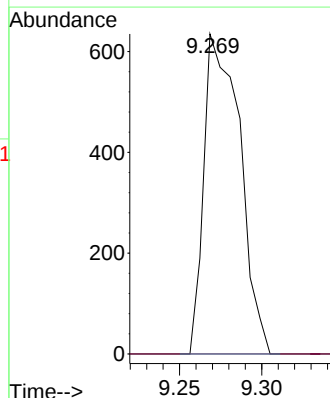
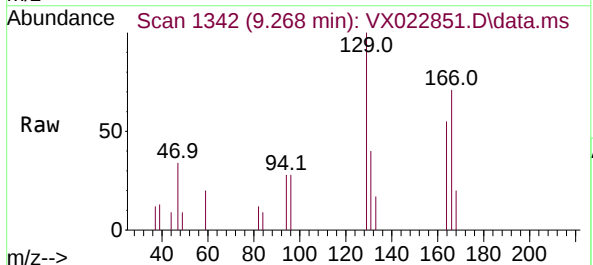
Instrument :
MSVOA_X
ClientSampled :

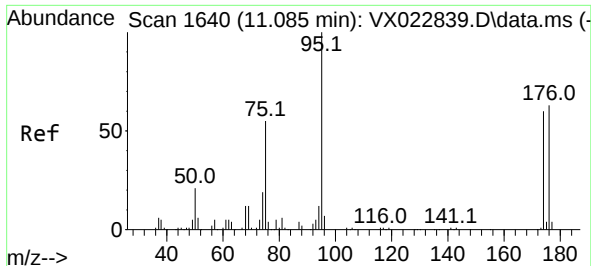
Tgt Ion: 43 Resp: 879
Ion Ratio Lower Upper
43 100
58 150.5 35.4 53.0#



#60
Dibromochloromethane
Concen: 4.759 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.255 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

Tgt Ion: 129 Resp: 964
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

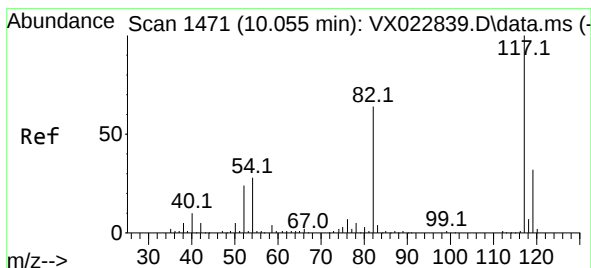
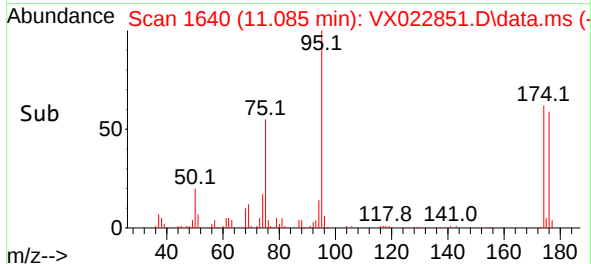
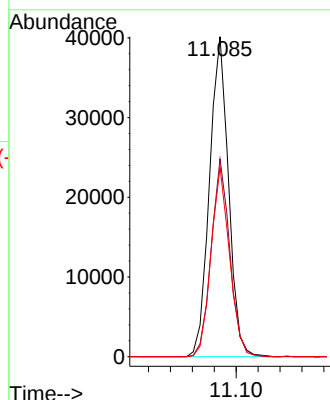
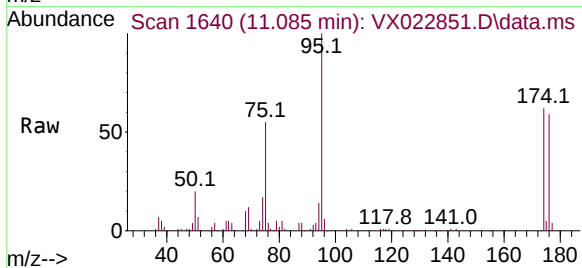




#62
4-Bromofluorobenzene
Concen: 46.977 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

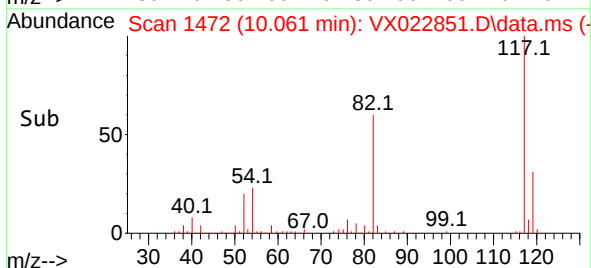
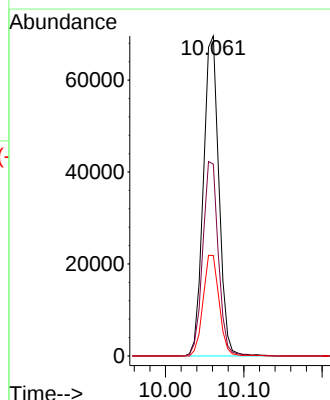
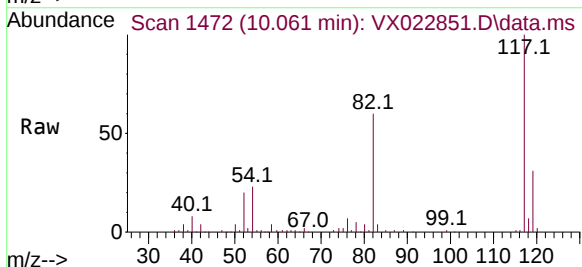
Instrument :
MSVOA_X
ClientSampleId :

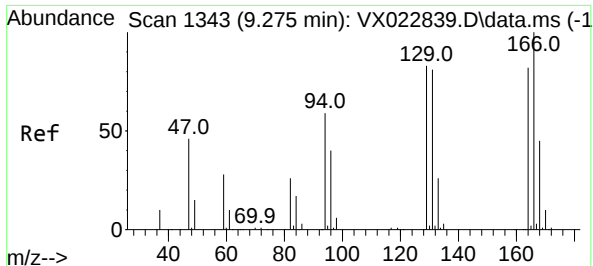
Tgt Ion: 95 Resp: 48307
Ion Ratio Lower Upper
95 100
174 60.4 0.0 154.6
176 57.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

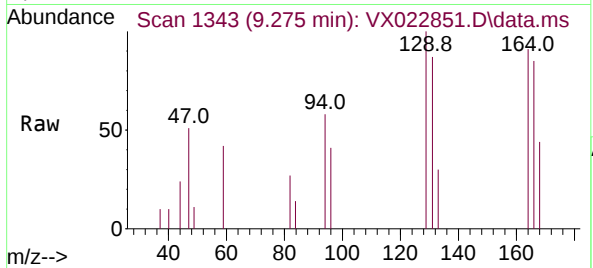
Tgt Ion: 117 Resp: 95945
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 31.4 26.6 39.8



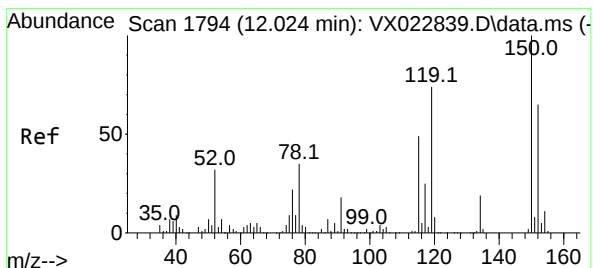
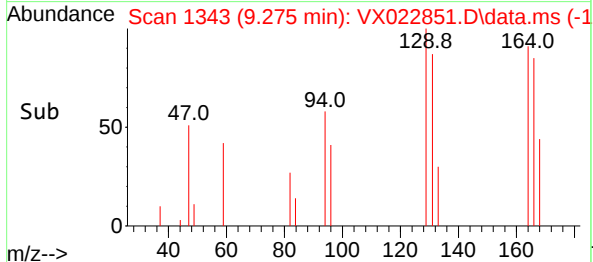
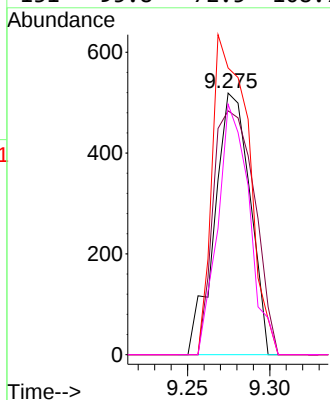


#64
Tetrachloroethene
Concen: 1.154 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

Instrument :
MSVOA_X
ClientSampleId :

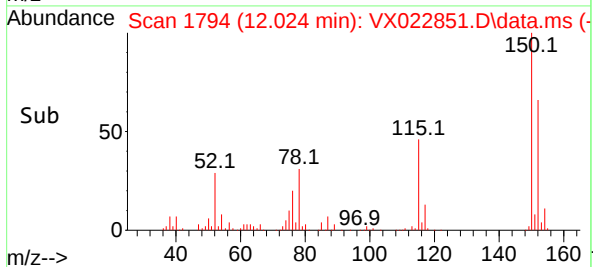
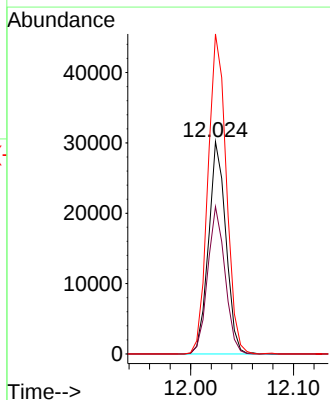
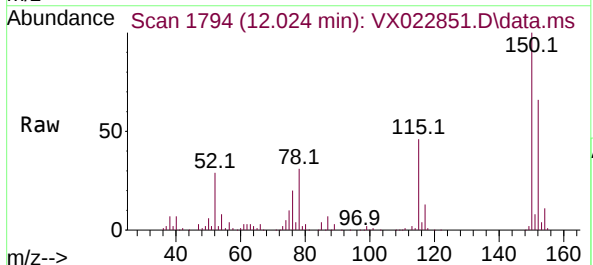


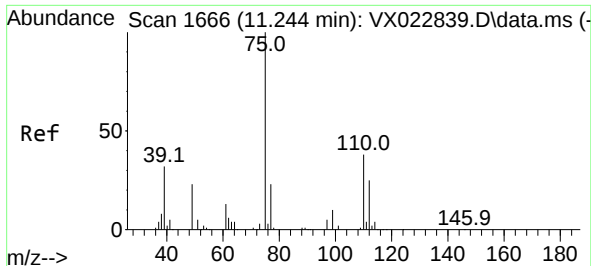
Tgt Ion:164 Resp: 778
Ion Ratio Lower Upper
164 100
166 93.3 103.4 155.2#
129 109.6 70.8 106.2#
131 95.8 72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

Tgt Ion:152 Resp: 35295
Ion Ratio Lower Upper
152 100
115 69.4 41.1 123.3
150 159.0 0.0 349.0

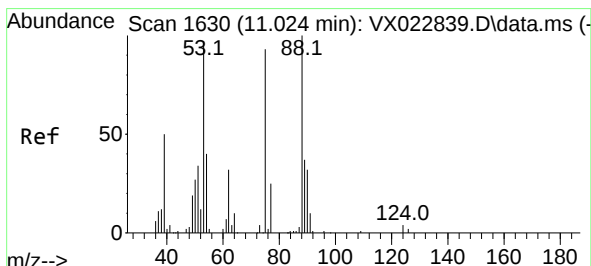
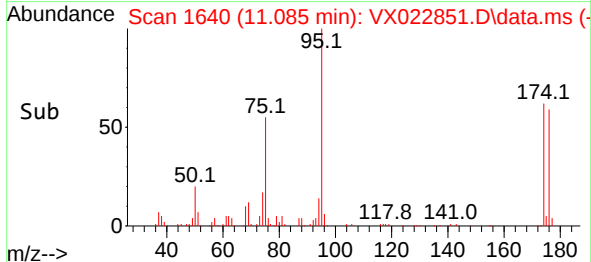
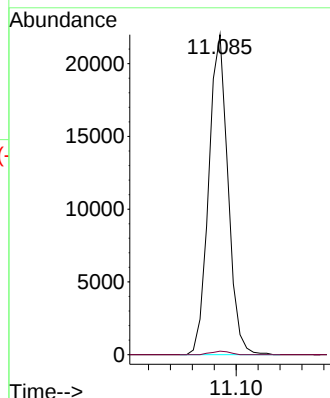
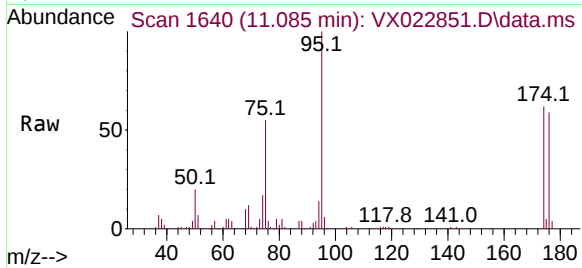




#76
1,2,3-Trichloropropane
Concen: 28.763 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

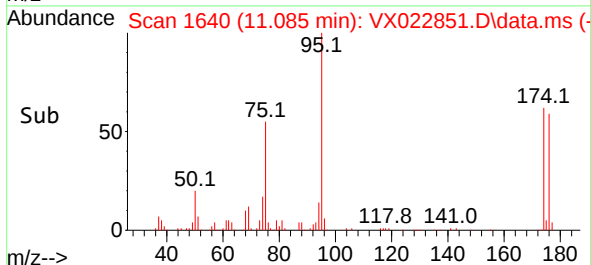
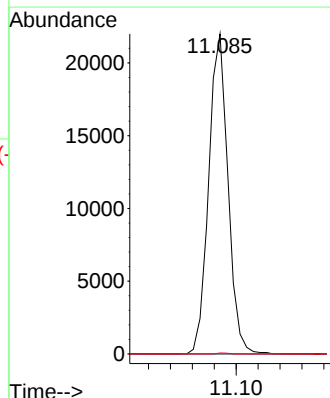
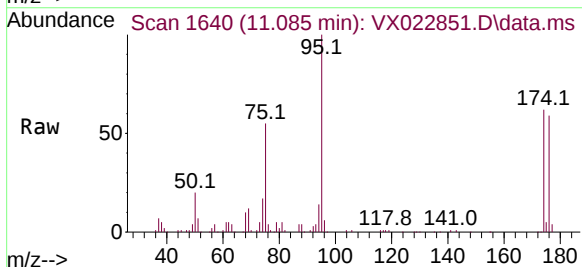
Instrument :
MSVOA_X
ClientSampleId :

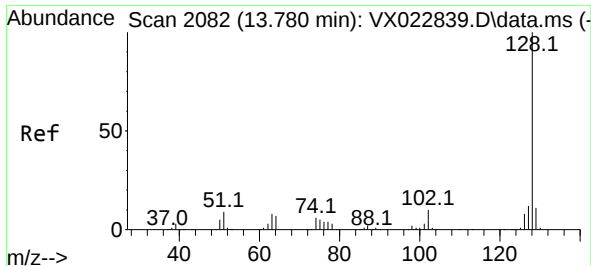
Tgt Ion: 75 Resp: 26815
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.084 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

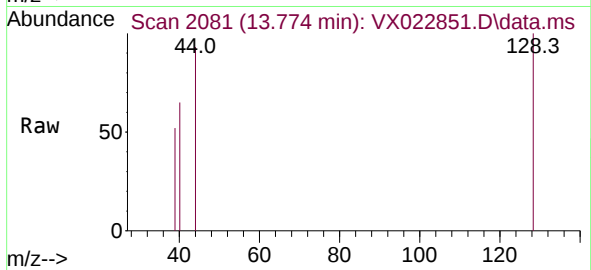
Tgt Ion: 75 Resp: 26815
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#





#95
Naphthalene
Concen: 1.951 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX022851.D
Acq: 23 Jun 2021 19:42

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 86
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

