

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022872.D
 Acq On : 24 Jun 2021 16:15
 Operator : JC/MD
 Sample : M2783-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 25 05:38:52 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)

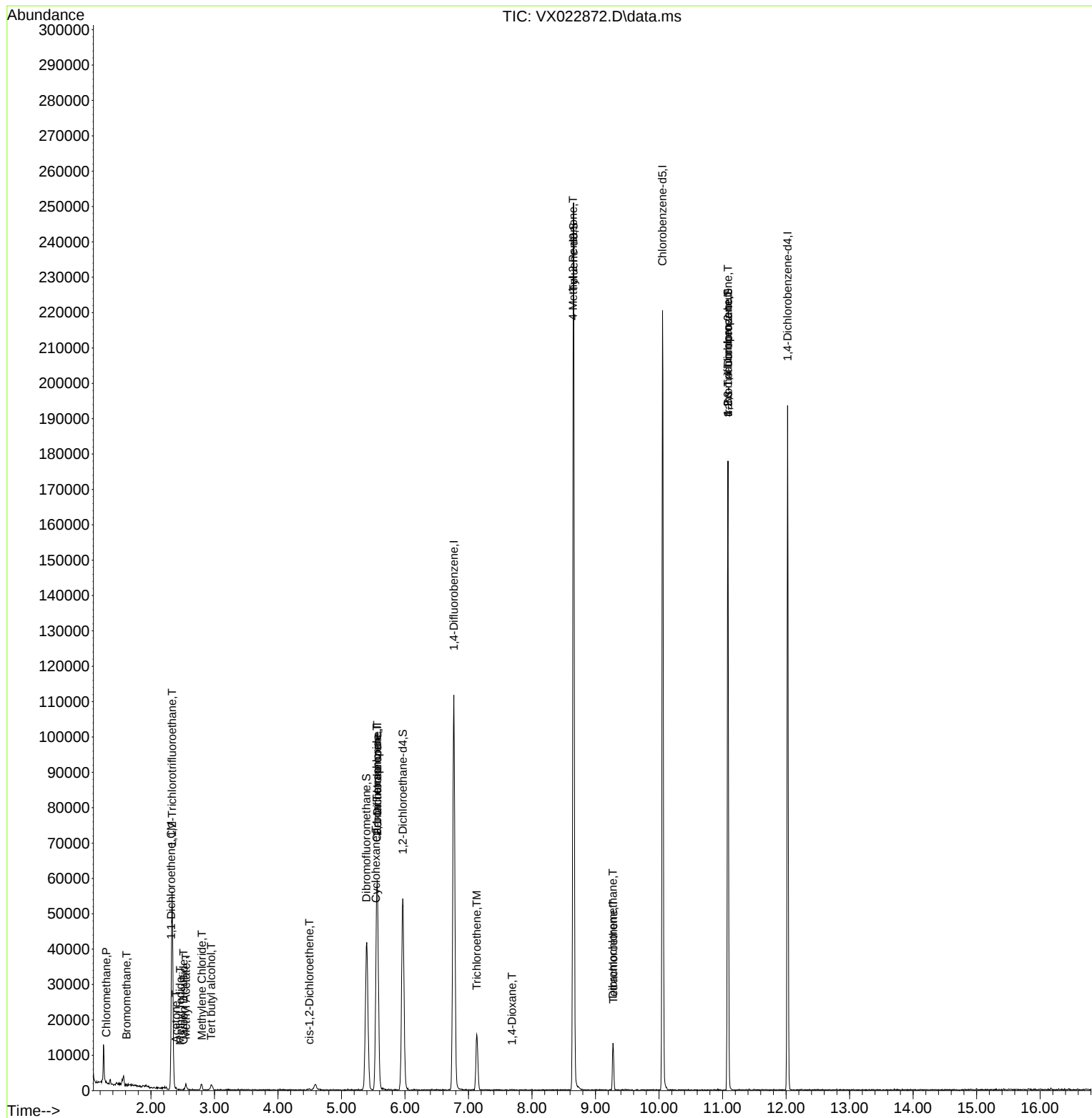
Internal Standards						
1) Pentafluorobenzene	5.562	168	49880	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	104968	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	92073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	33196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50596	55.89	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.78%			
35) Dibromofluoromethane	5.391	113	35914	53.88	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.76%			
50) Toluene-d8	8.653	98	140220	53.67	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.34%			
62) 4-Bromofluorobenzene	11.085	95	46378	47.57	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.14%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	159	0.21	ug/l	# 42
5) Bromomethane	1.618	94	101	0.26	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	22132	34.12	ug/l	91
10) Methyl Iodide	2.459	142	46	3.93	ug/l	# 42
11) Tert butyl alcohol	2.947	59	995	5.27	ug/l	# 73
12) 1,1-Dichloroethene	2.319	96	231	0.36	ug/l	# 62
16) Acetone	2.392	43	526	1.31	ug/l	# 85
17) Carbon Disulfide	2.514	76	87	3.56	ug/l	# 75
18) Methyl Acetate	2.550	43	405	0.41	ug/l	# 47
20) Methylene Chloride	2.800	84	706	1.25	ug/l	# 83
27) cis-1,2-Dichloroethene	4.495	96	173	0.22	ug/l	# 71
31) Cyclohexane	5.544	56	1652	1.29	ug/l	# 66
36) 1,1-Dichloropropene	5.562	75	5119	4.59	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	6183	6.61	ug/l	# 17
44) Trichloroethene	7.129	130	5703	7.48	ug/l	96
49) 1,4-Dioxane	7.684	88	20	0.97	ug/l	# 24
51) 4-Methyl-2-Pentanone	8.647	43	723	0.56	ug/l	# 1
60) Dibromochloromethane	9.275	129	2249	6.38	ug/l	# 11
64) Tetrachloroethene	9.281	164	2099	3.24	ug/l	# 89
76) 1,2,3-Trichloropropane	11.085	75	25191	28.73	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	25191	74.01	ug/l	# 12

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

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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

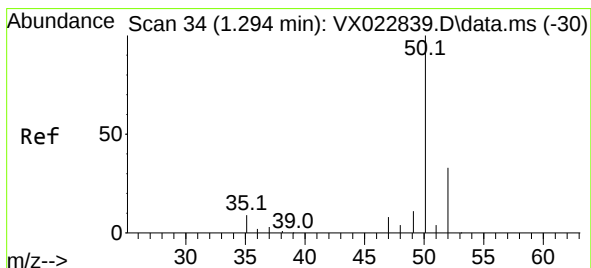
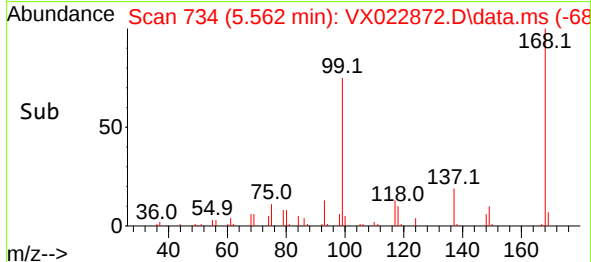
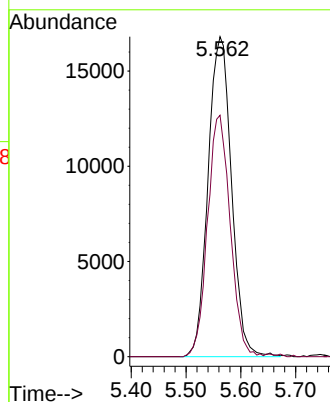
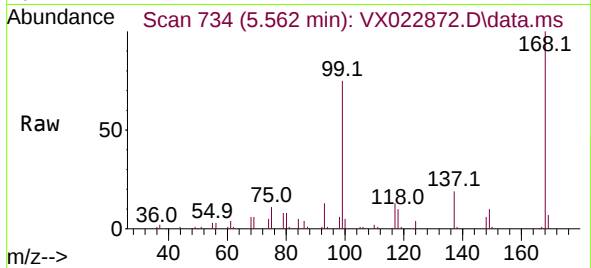




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022872.D
Acq: 24 Jun 2021 16:15

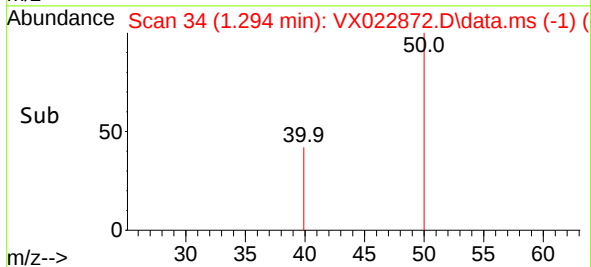
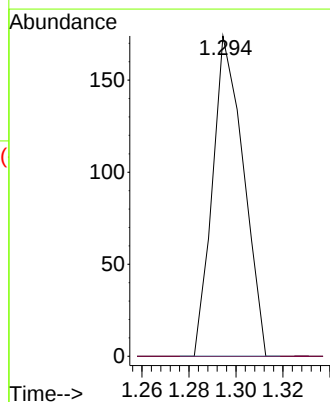
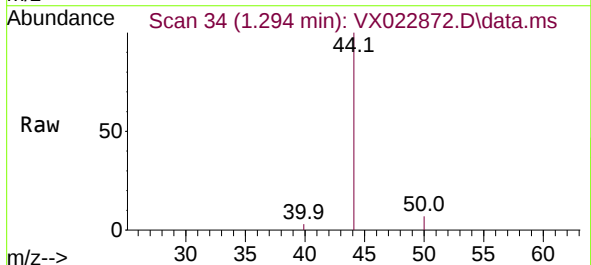
Instrument :
MSVOA_X
ClientSampleId :

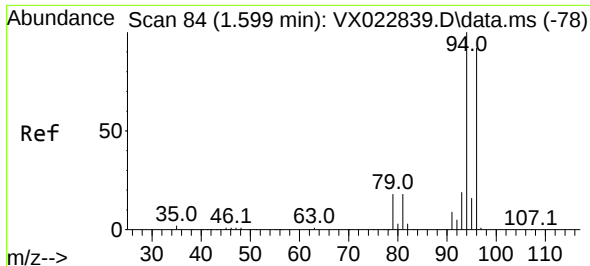
Tgt Ion:168 Resp: 49880
Ion Ratio Lower Upper
168 100
99 75.4 45.8 68.6#



#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX022872.D
Acq: 24 Jun 2021 16:15

Tgt Ion: 50 Resp: 159
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

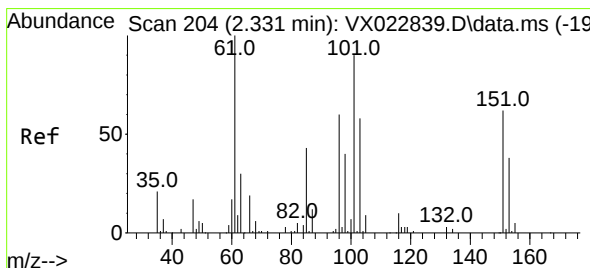
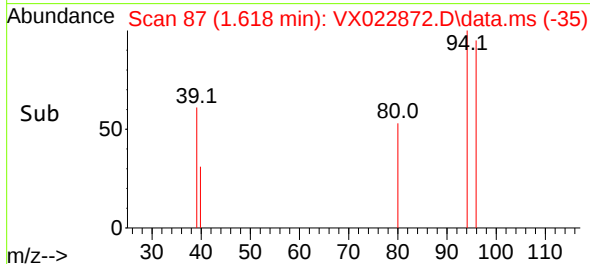
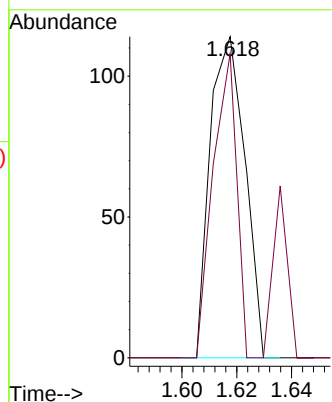
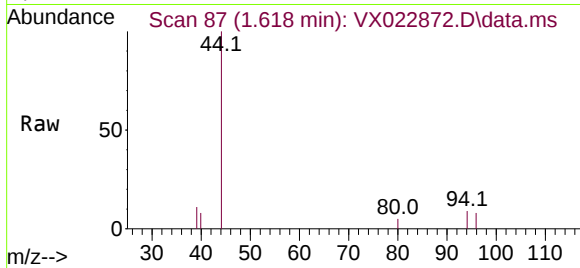




#5
Bromomethane
Concen: 0.26 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX022872.D
Acq: 24 Jun 2021 16:15

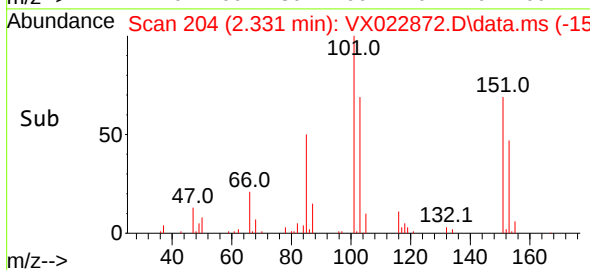
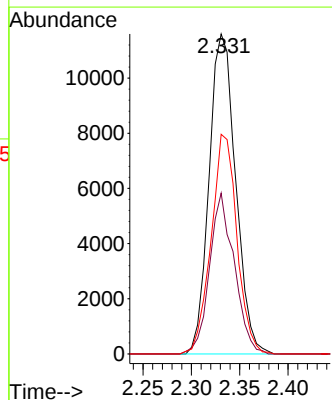
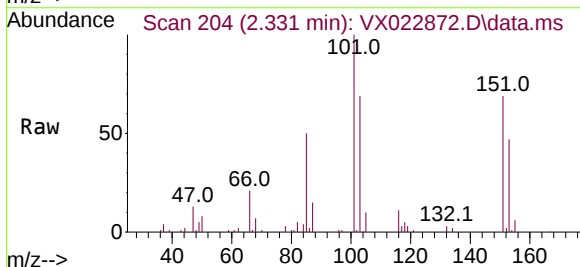
Instrument :
MSVOA_X
ClientSampled :

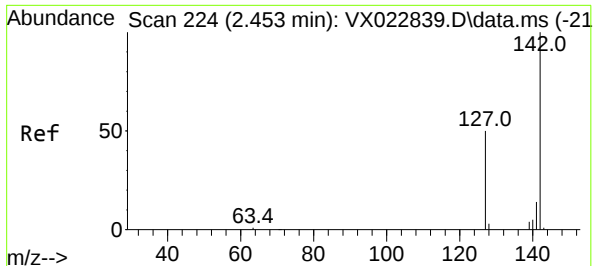
Tgt Ion: 94 Resp: 101
Ion Ratio Lower Upper
94 100
96 94.7 76.4 114.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 34.12 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022872.D
Acq: 24 Jun 2021 16:15

Tgt Ion: 101 Resp: 22132
Ion Ratio Lower Upper
101 100
85 46.7 34.9 52.3
151 66.7 61.4 92.2

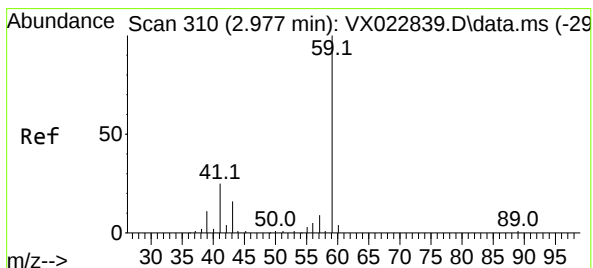
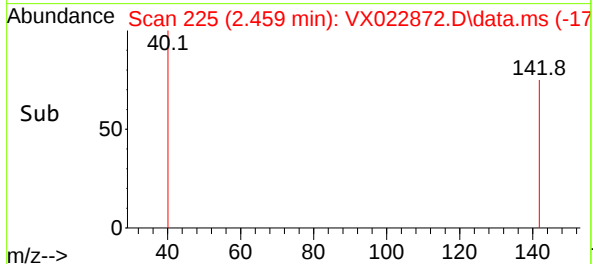
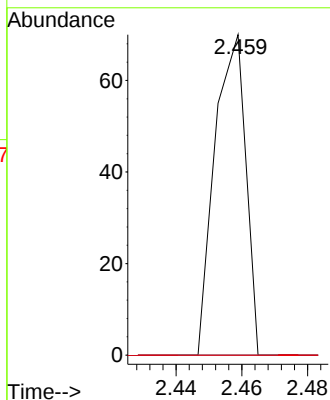
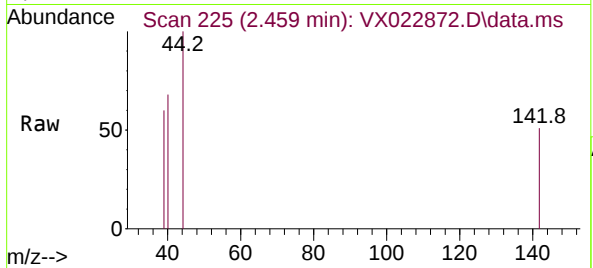




#10
Methyl Iodide
Concen: 3.93 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022872.D
Acq: 24 Jun 2021 16:15

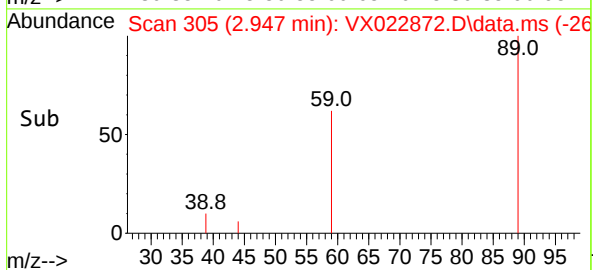
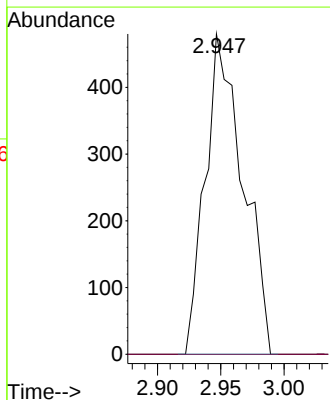
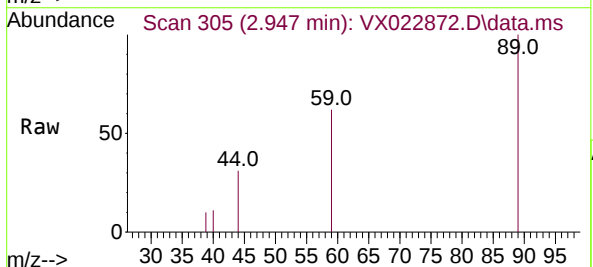
Instrument :
MSVOA_X
ClientSampled :

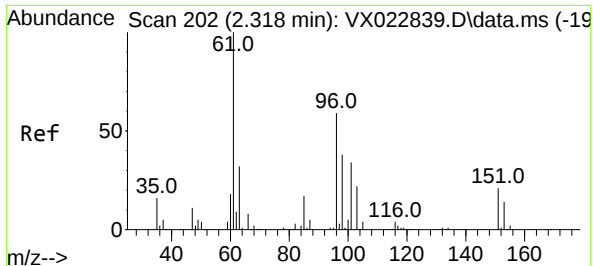
Tgt Ion:142 Resp: 46
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 5.27 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX022872.D
Acq: 24 Jun 2021 16:15

Tgt Ion: 59 Resp: 995
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.36 ug/l

RT: 2.319 min Scan# 202

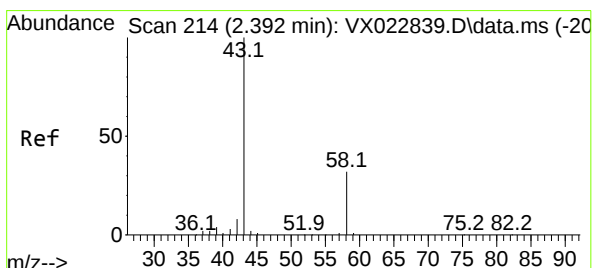
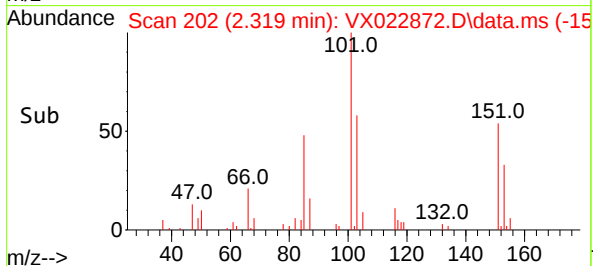
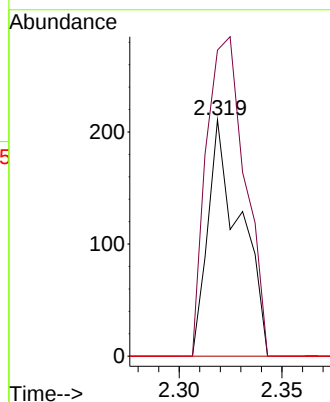
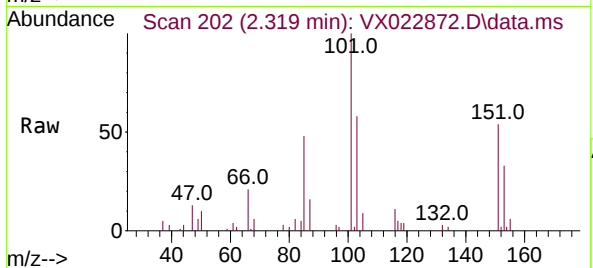
Delta R.T. 0.001 min

Lab File: VX022872.D

Acq: 24 Jun 2021 16:15

Tgt Ion:	96	Resp:	231
Ion	Ratio	Lower	Upper
96	100		
61	129.4	124.6	187.0
98	0.0	50.6	76.0#

Instrument :
MSVOA_X
ClientSampled :



#16

Acetone

Concen: 1.31 ug/l

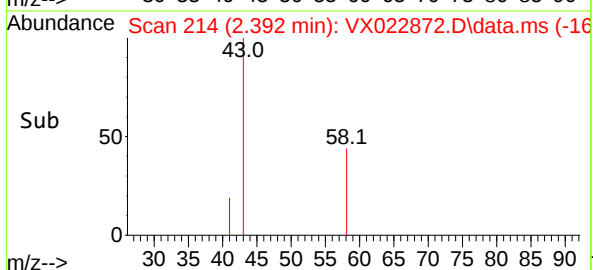
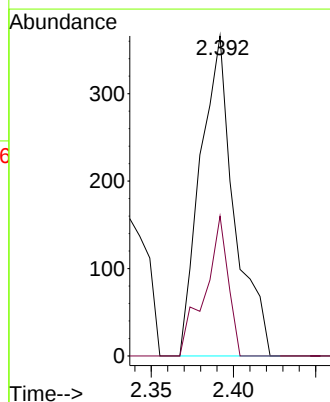
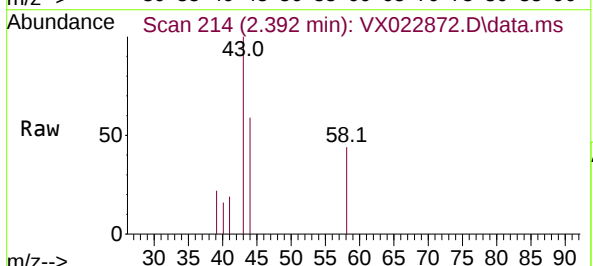
RT: 2.392 min Scan# 214

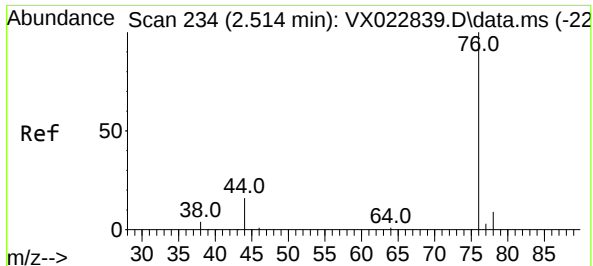
Delta R.T. -0.000 min

Lab File: VX022872.D

Acq: 24 Jun 2021 16:15

Tgt Ion:	43	Resp:	526
Ion	Ratio	Lower	Upper
43	100		
58	43.7	27.8	41.8#

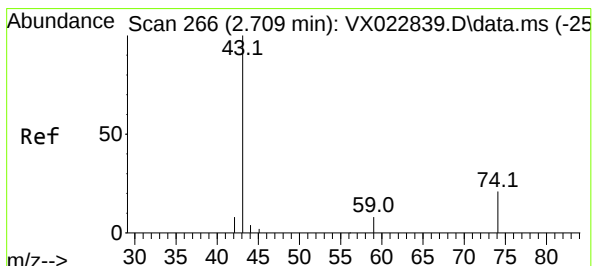
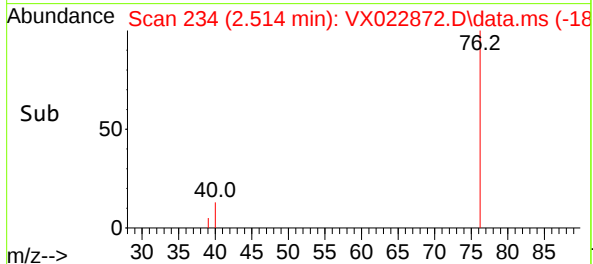
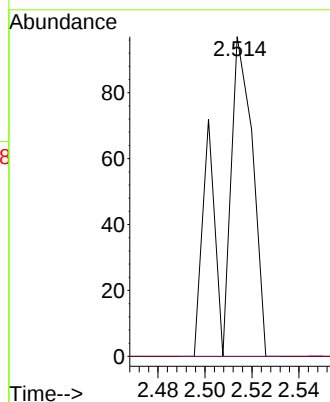
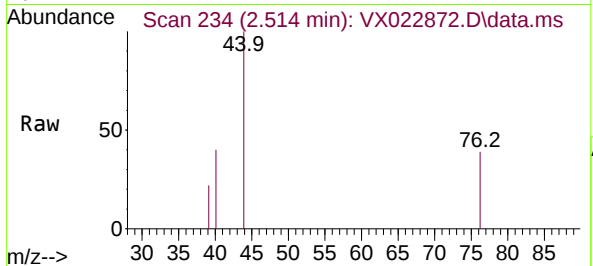




#17
Carbon Disulfide
Concen: 3.56 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022872.D
Acq: 24 Jun 2021 16:15

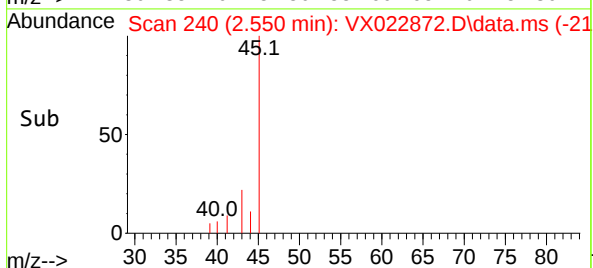
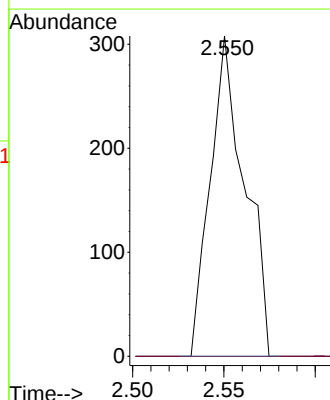
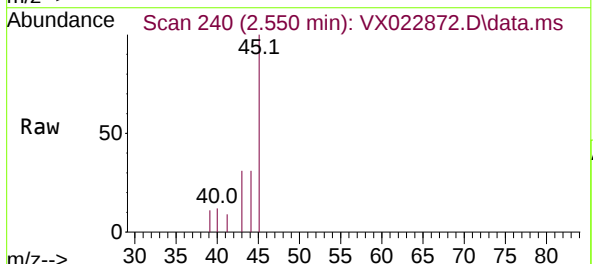
Instrument :
MSVOA_X
ClientSampled :

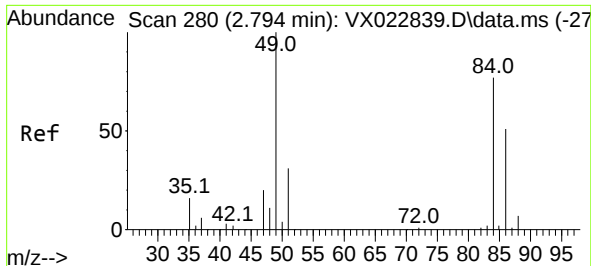
Tgt Ion: 76 Resp: 87
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.41 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.159 min
Lab File: VX022872.D
Acq: 24 Jun 2021 16:15

Tgt Ion: 43 Resp: 405
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 1.25 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022872.D

Acq: 24 Jun 2021 16:15

Tgt Ion: 84 Resp: 706

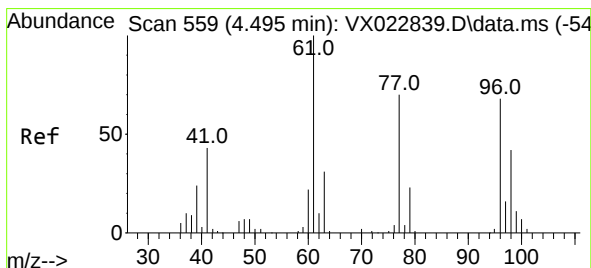
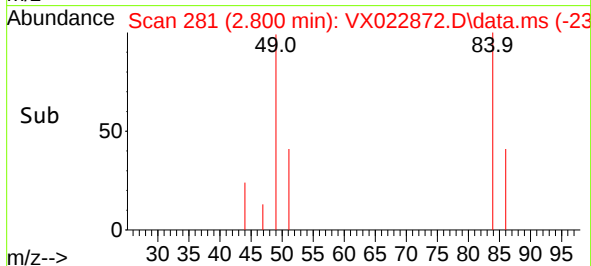
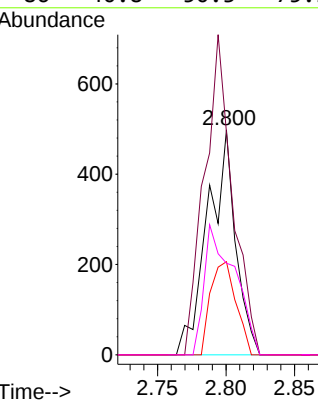
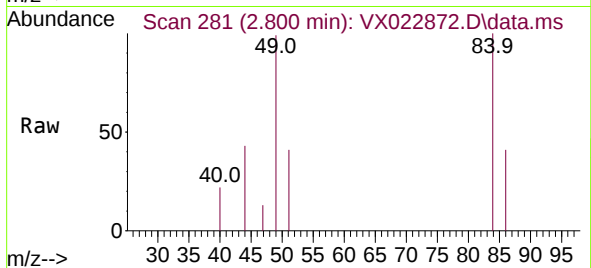
Ion Ratio Lower Upper

84 100

49 99.0 88.6 132.8

51 41.4 27.0 40.6#

86 40.8 50.3 75.5#



#27

cis-1,2-Dichloroethene

Concen: 0.22 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX022872.D

Acq: 24 Jun 2021 16:15

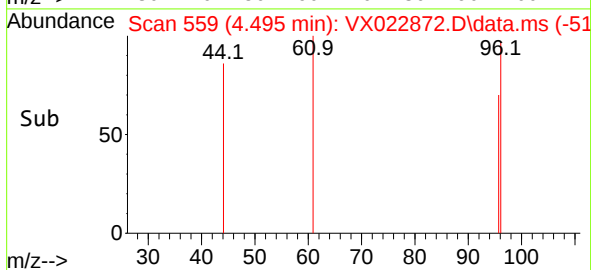
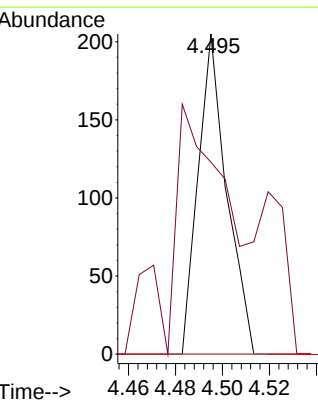
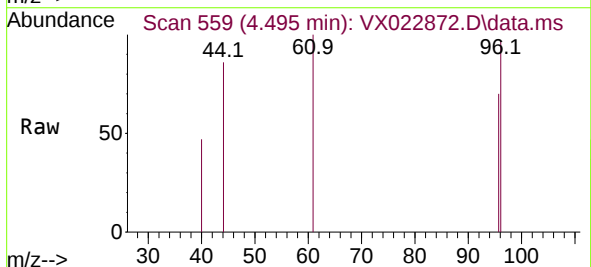
Tgt Ion: 96 Resp: 173

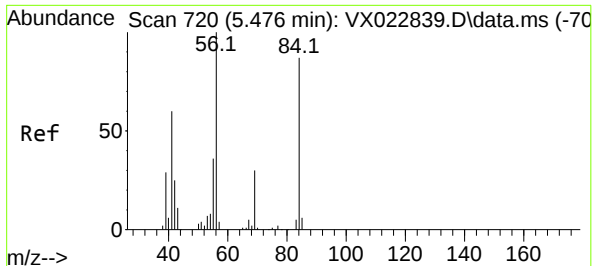
Ion Ratio Lower Upper

96 100

61 149.1 0.0 285.6

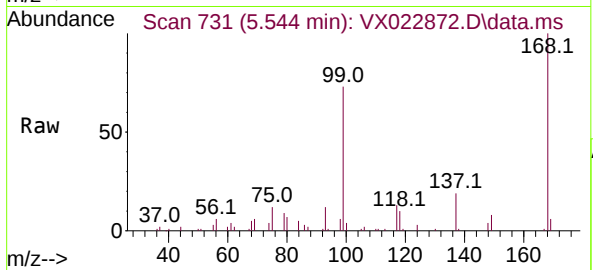
98 0.0 0.0 129.6



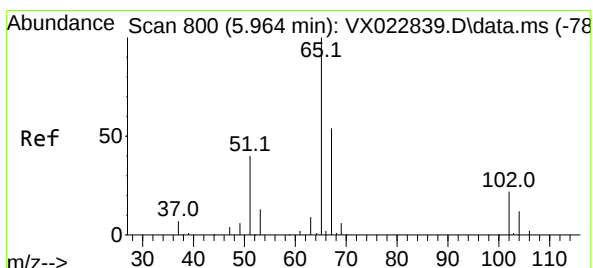
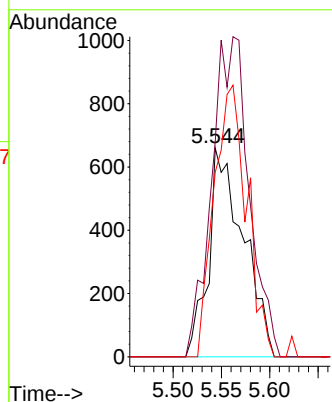
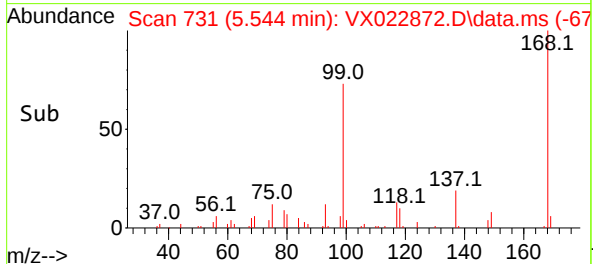


#31
Cyclohexane
Concen: 1.29 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.068 min
Lab File: VX022872.D
Acq: 24 Jun 2021 16:15

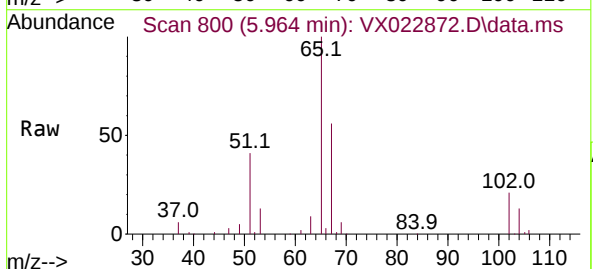
Instrument :
MSVOA_X
ClientSampleId :



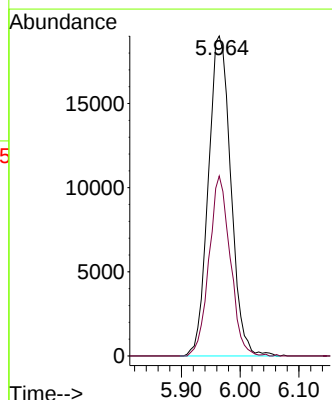
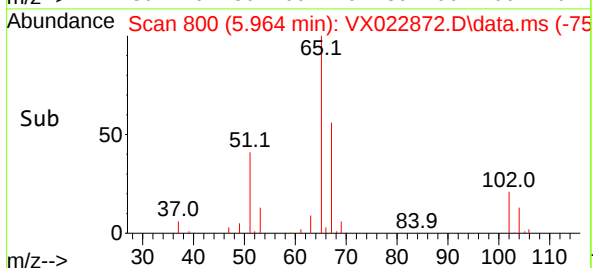
Tgt Ion: 56 Resp: 1652
Ion Ratio Lower Upper
56 100
69 103.0 25.3 37.9#
84 88.5 71.4 107.0

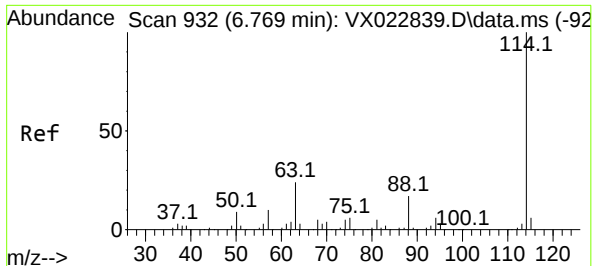


#33
1,2-Dichloroethane-d4
Concen: 55.89 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022872.D
Acq: 24 Jun 2021 16:15



Tgt Ion: 65 Resp: 50596
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

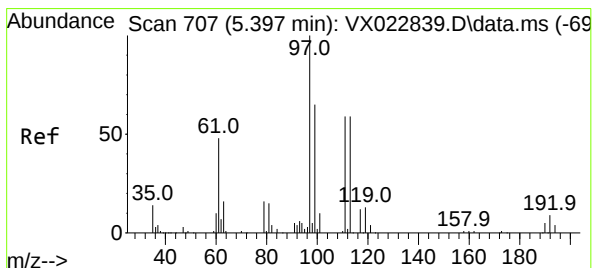
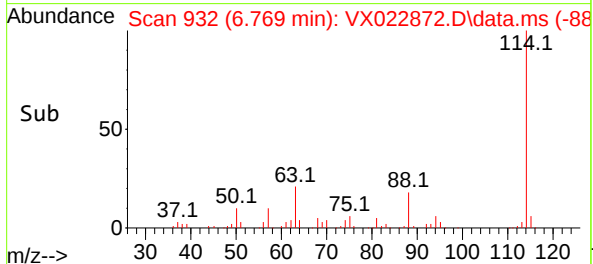
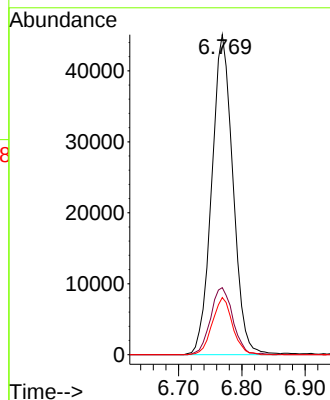
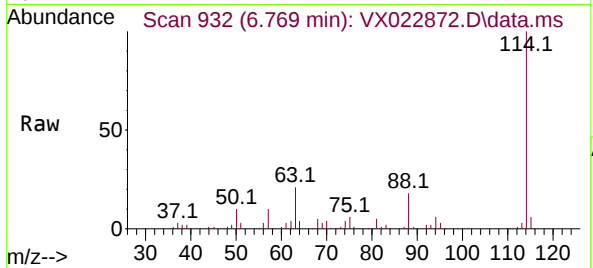




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022872.D
Acq: 24 Jun 2021 16:15

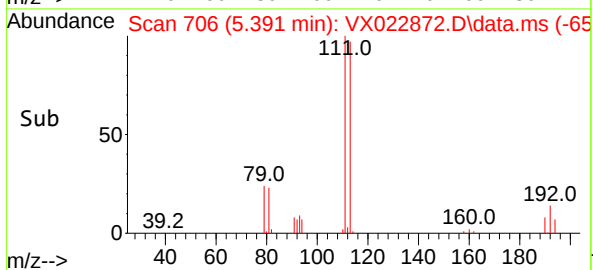
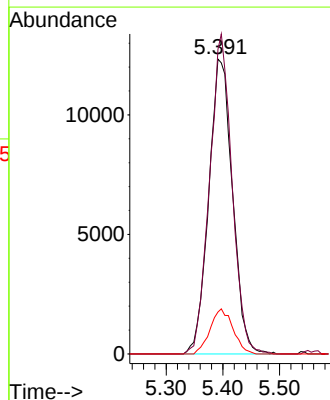
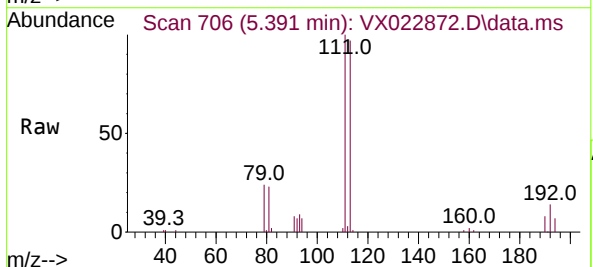
Instrument :
MSVOA_X
ClientSampleId :

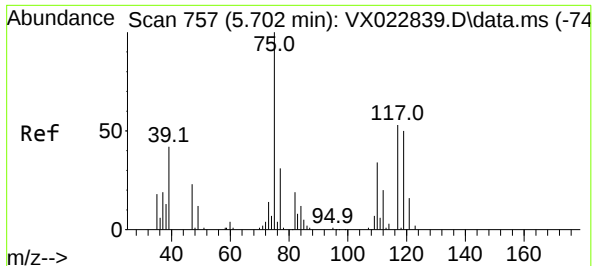
Tgt Ion:114 Resp: 104968
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 17.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.88 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX022872.D
Acq: 24 Jun 2021 16:15

Tgt Ion:113 Resp: 35914
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 14.7 16.7 25.1#

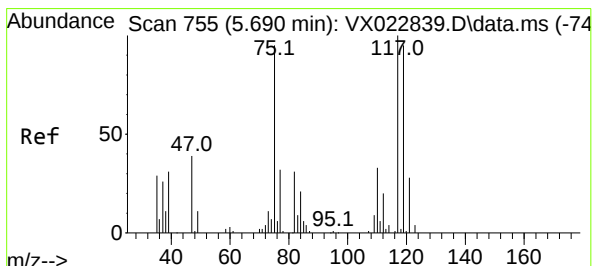
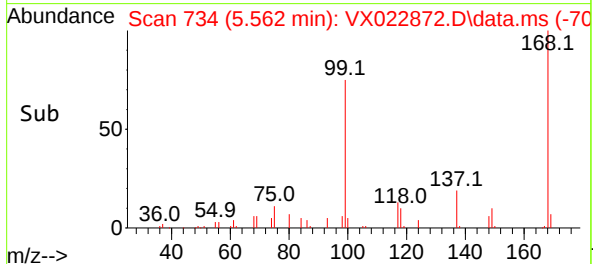
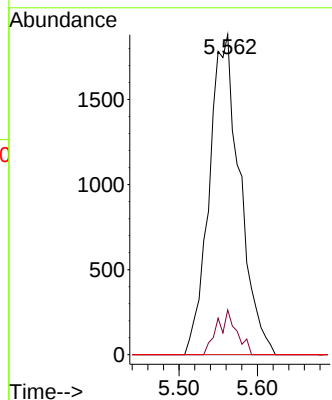
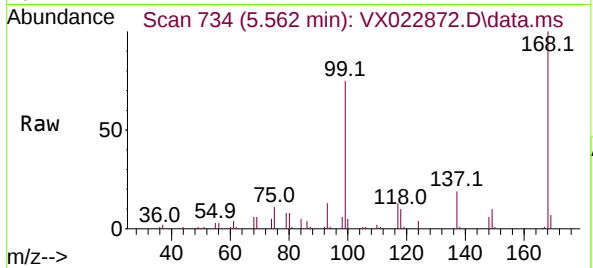




#36
1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022872.D
Acq: 24 Jun 2021 16:15

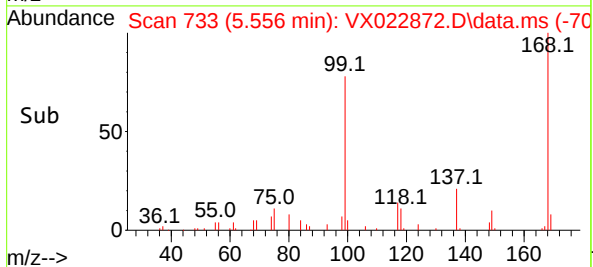
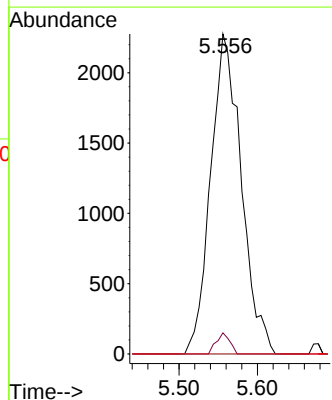
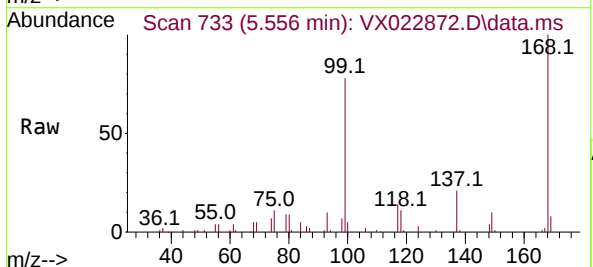
Instrument :
MSVOA_X
ClientSampleId :

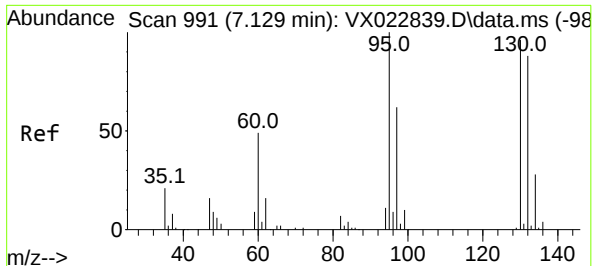
Tgt Ion: 75 Resp: 5119
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.61 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022872.D
Acq: 24 Jun 2021 16:15

Tgt Ion: 117 Resp: 6183
Ion Ratio Lower Upper
117 100
119 6.6 76.2 114.2#
121 0.0 24.8 37.2#





#44

Trichloroethene

Concen: 7.48 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

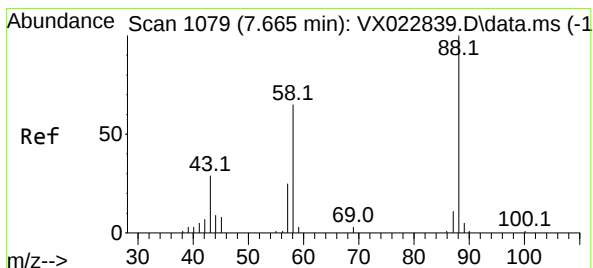
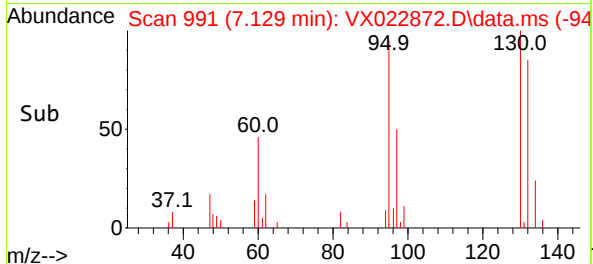
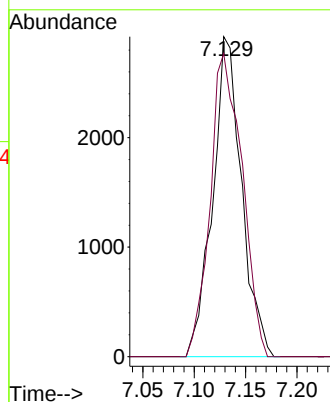
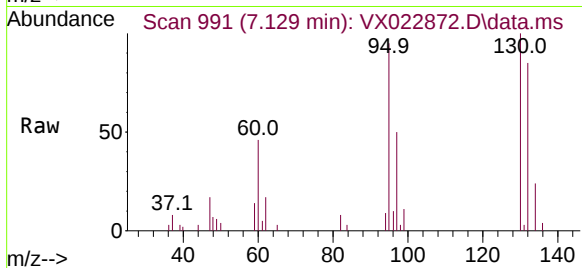
Lab File: VX022872.D

Acq: 24 Jun 2021 16:15

Tgt Ion:130 Resp: 5703

Ion Ratio Lower Upper

130	100		
95	94.7	0.0	198.0



#49

1,4-Dioxane

Concen: 0.97 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.019 min

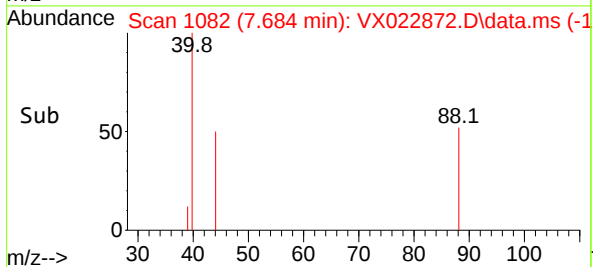
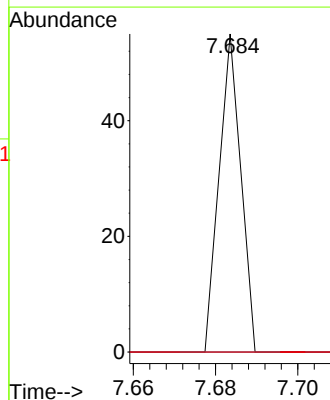
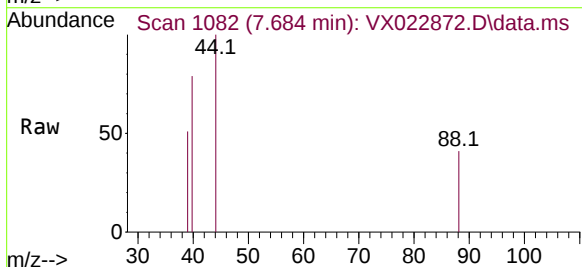
Lab File: VX022872.D

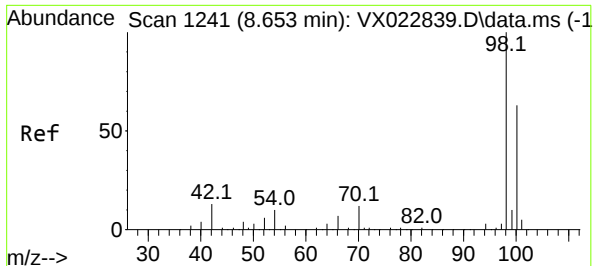
Acq: 24 Jun 2021 16:15

Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88	100		
43	0.0	23.2	34.8#
58	0.0	55.0	82.4#

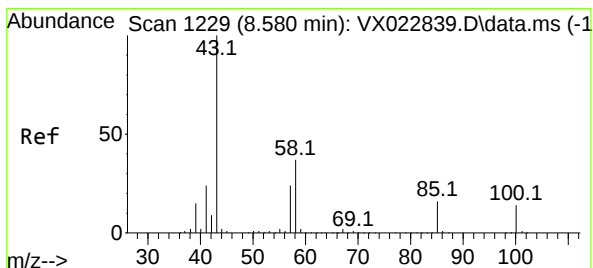
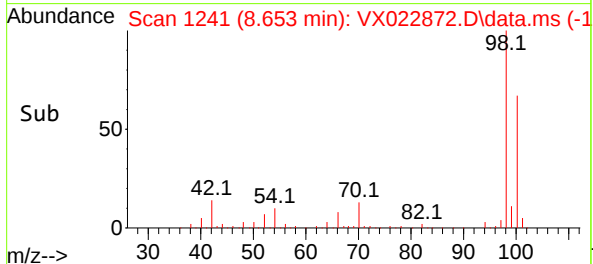
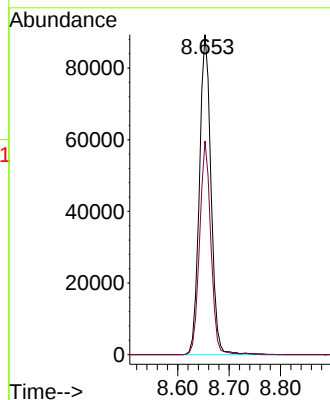
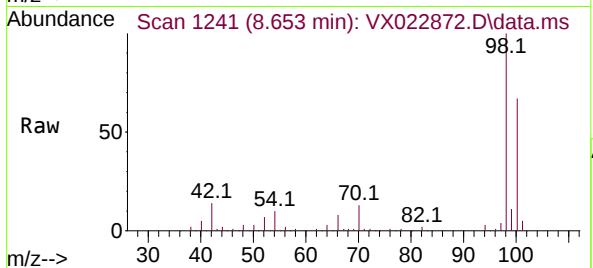




#50
Toluene-d8
Concen: 53.67 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022872.D
Acq: 24 Jun 2021 16:15

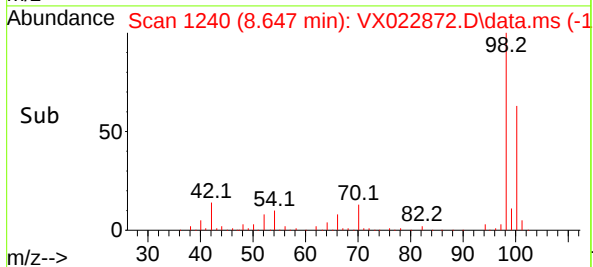
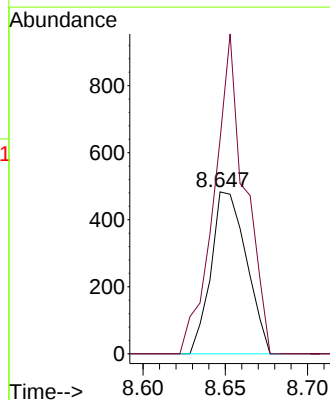
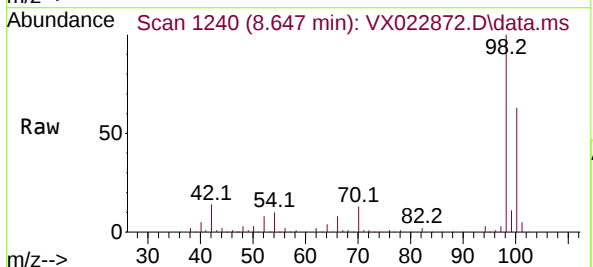
Instrument :
MSVOA_X
ClientSampled :

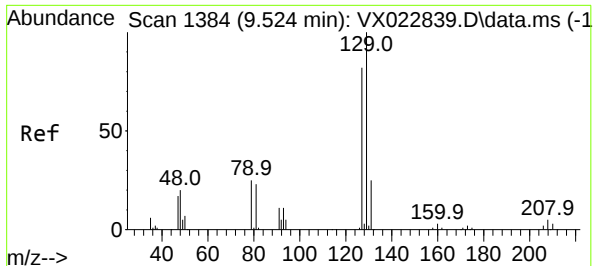
Tgt Ion: 98 Resp: 140220
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022872.D
Acq: 24 Jun 2021 16:15

Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
58 172.8 35.4 53.0#

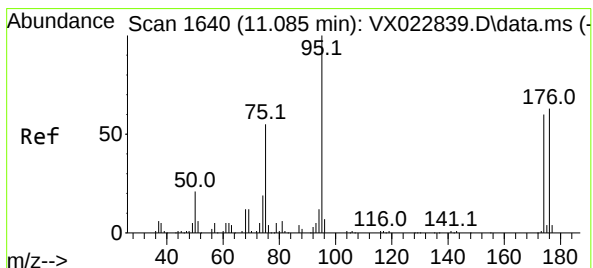
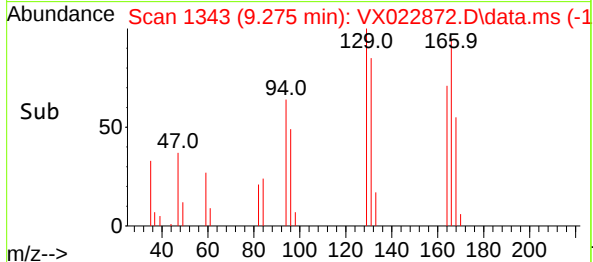
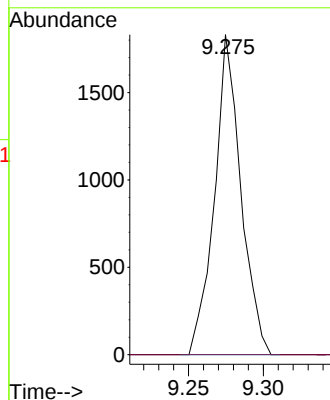
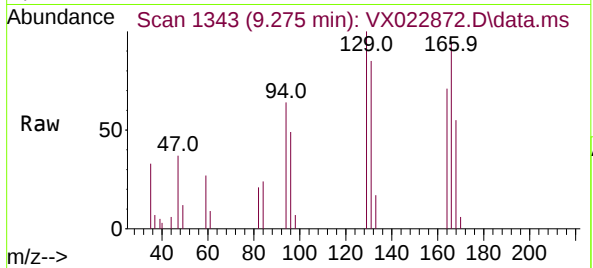




#60
Dibromochloromethane
Concen: 6.38 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX022872.D
Acq: 24 Jun 2021 16:15

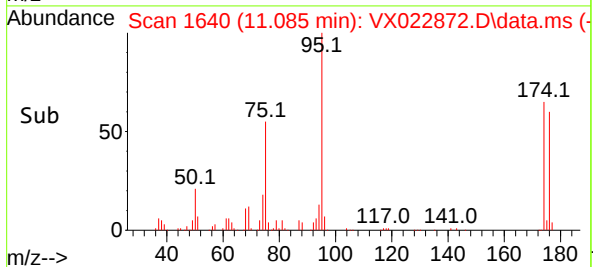
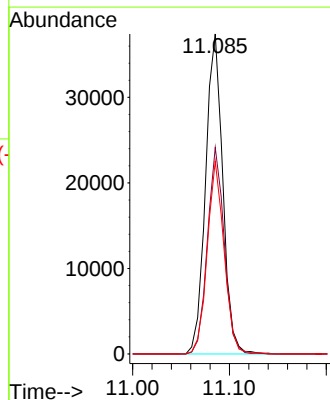
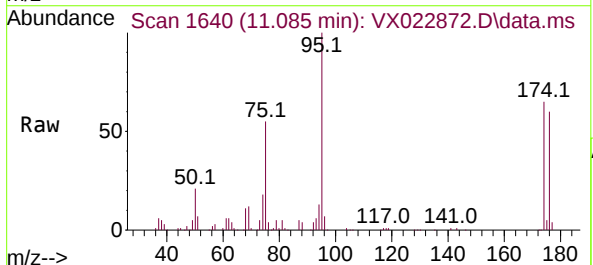
Instrument :
MSVOA_X
ClientSampleId :

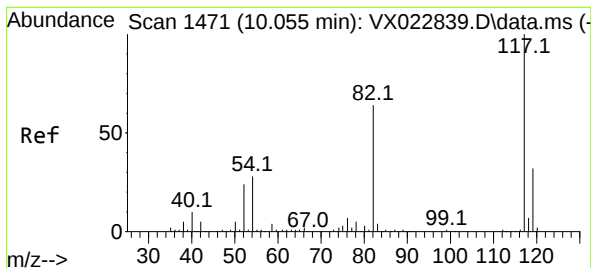
Tgt Ion:129 Resp: 2249
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 47.57 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022872.D
Acq: 24 Jun 2021 16:15

Tgt Ion: 95 Resp: 46378
Ion Ratio Lower Upper
95 100
174 63.0 0.0 154.6
176 59.0 0.0 155.8

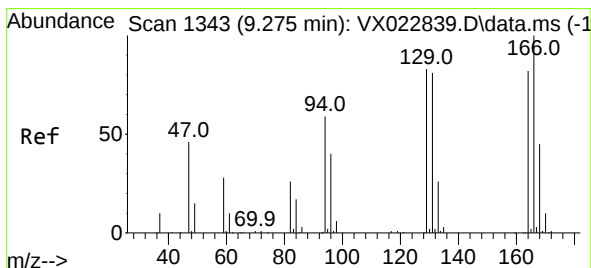
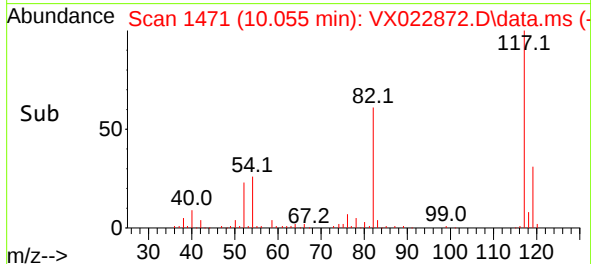
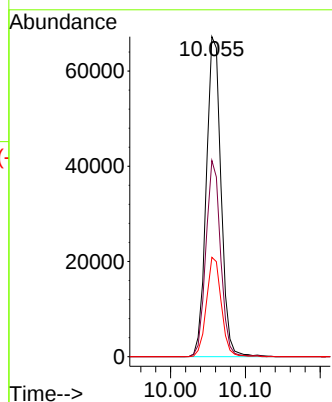
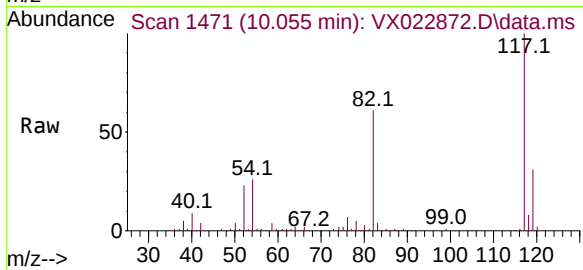




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022872.D
Acq: 24 Jun 2021 16:15

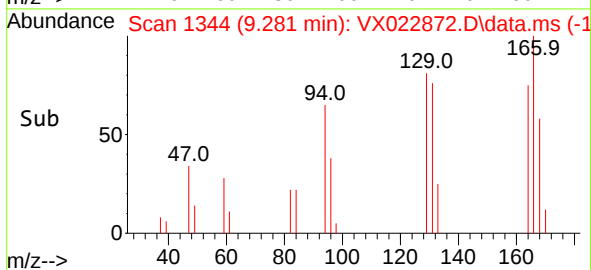
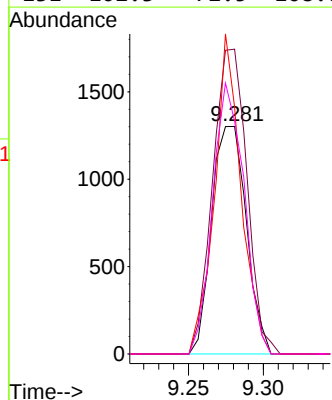
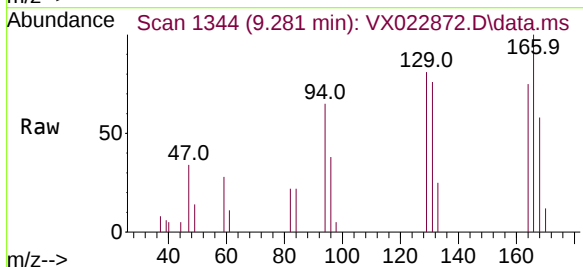
Instrument :
MSVOA_X
ClientSampleId :

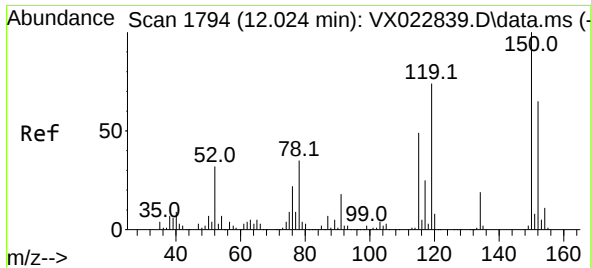
Tgt Ion:117 Resp: 92073
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.2
119 31.1 26.6 39.8



#64
Tetrachloroethene
Concen: 3.24 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022872.D
Acq: 24 Jun 2021 16:15

Tgt Ion:164 Resp: 2099
Ion Ratio Lower Upper
164 100
166 133.9 103.4 155.2
129 108.5 70.8 106.2#
131 102.3 72.5 108.7

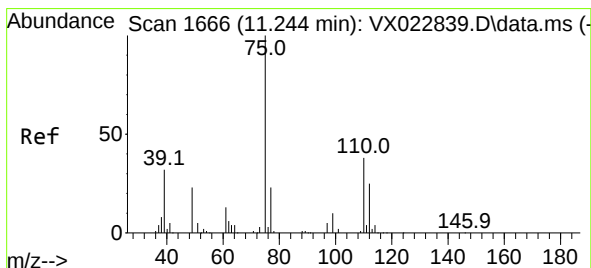
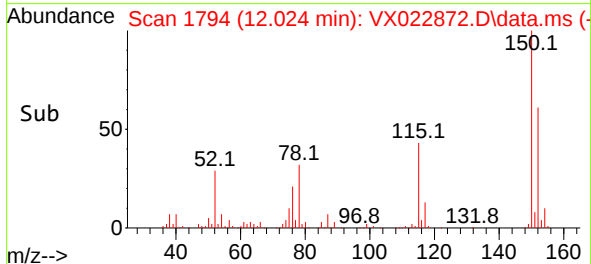
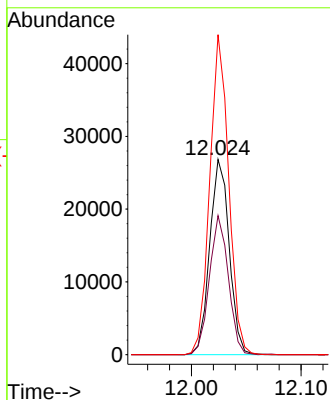
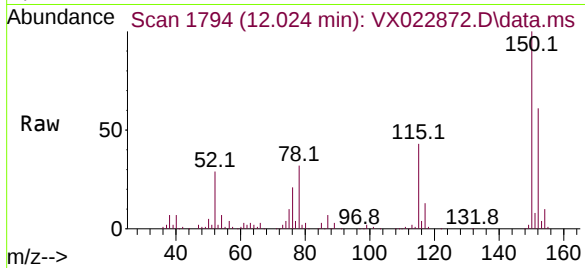




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022872.D
 Acq: 24 Jun 2021 16:15

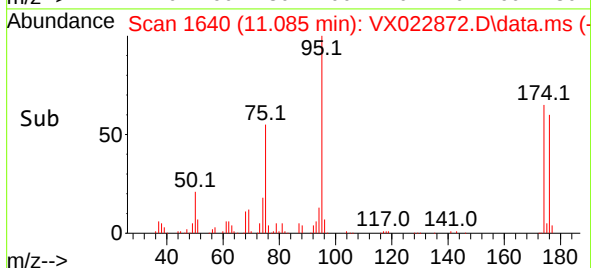
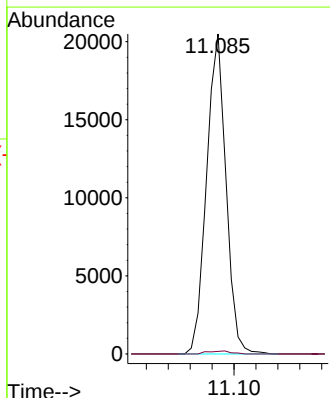
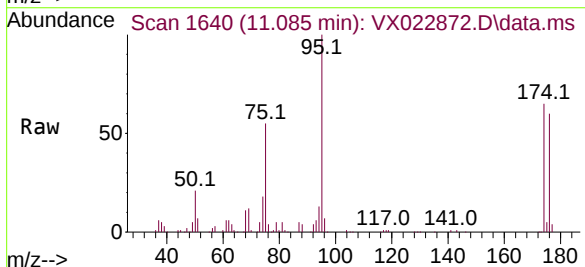
Instrument :
 MSVOA_X
 ClientSampled :

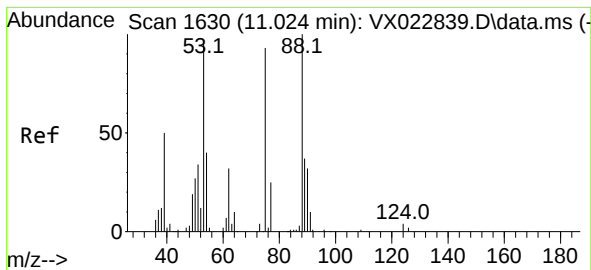
Tgt Ion:152 Resp: 33196
 Ion Ratio Lower Upper
 152 100
 115 69.1 41.1 123.3
 150 158.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.73 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022872.D
 Acq: 24 Jun 2021 16:15

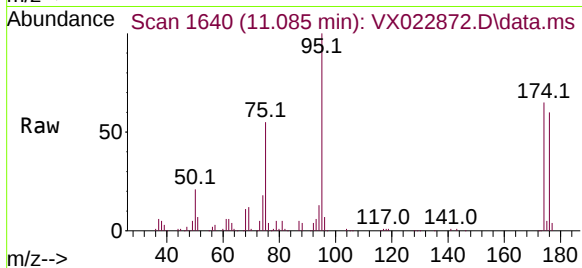
Tgt Ion: 75 Resp: 25191
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.01 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022872.D
 Acq: 24 Jun 2021 16:15

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 25191
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

