

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022873.D
 Acq On : 24 Jun 2021 16:38
 Operator : JC/MD
 Sample : M2783-04DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 25 05:39:02 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)

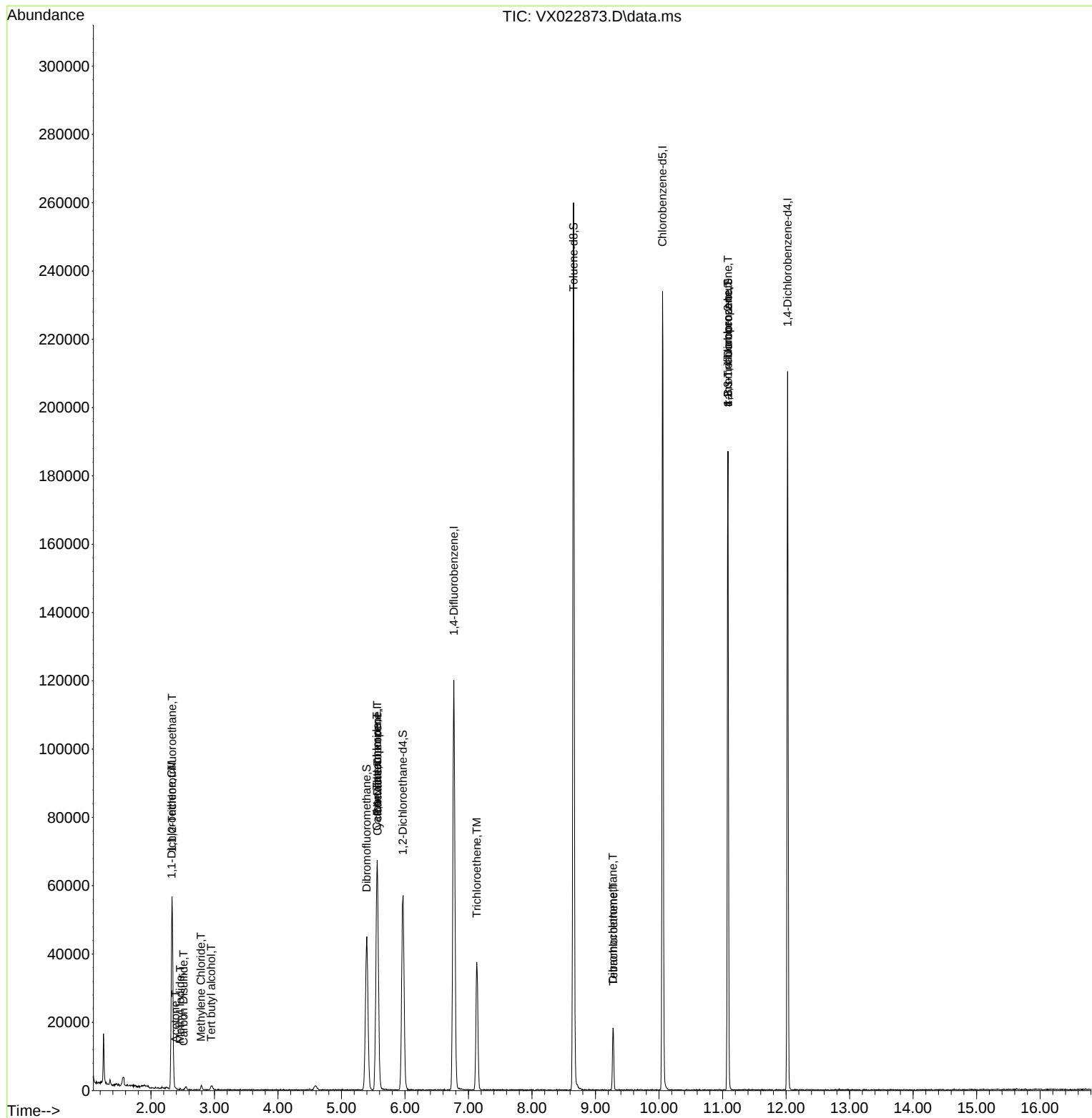
Internal Standards						
1) Pentafluorobenzene	5.562	168	54944	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	112792	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52876	53.03	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.06%	
35) Dibromofluoromethane	5.397	113	37273	52.04	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.08%	
50) Toluene-d8	8.653	98	149948	53.42	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.84%	
62) 4-Bromofluorobenzene	11.085	95	49410	47.16	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.32%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	22145	31.00	ug/l	90
10) Methyl Iodide	2.459	142	86	3.97	ug/l	# 42
11) Tert butyl alcohol	2.947	59	800	3.85	ug/l	# 73
12) 1,1-Dichloroethene	2.325	96	170	0.24	ug/l	# 77
16) Acetone	2.386	43	508	1.15	ug/l	93
17) Carbon Disulfide	2.514	76	72	3.55	ug/l	# 75
20) Methylene Chloride	2.788	84	523	0.96	ug/l	# 85
31) Cyclohexane	5.568	56	1700	1.21	ug/l	# 54
36) 1,1-Dichloropropene	5.562	75	5909	4.93	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	6529	6.50	ug/l	# 12
44) Trichloroethene	7.129	130	13374	16.32	ug/l	87
60) Dibromochloromethane	9.275	129	3218	7.28	ug/l	# 11
64) Tetrachloroethene	9.281	164	2946	4.17	ug/l	# 82
76) 1,2,3-Trichloropropane	11.085	75	27602	27.86	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	27602	71.96	ug/l	# 12

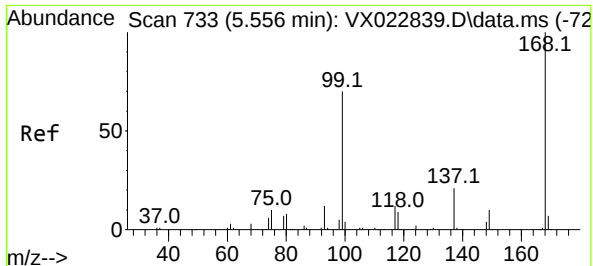
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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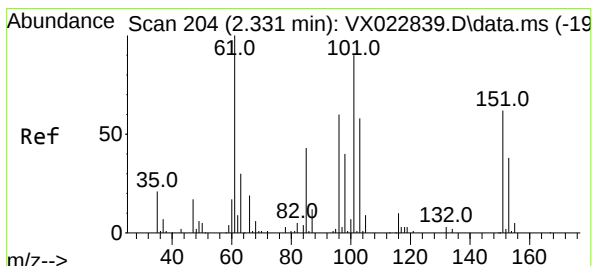
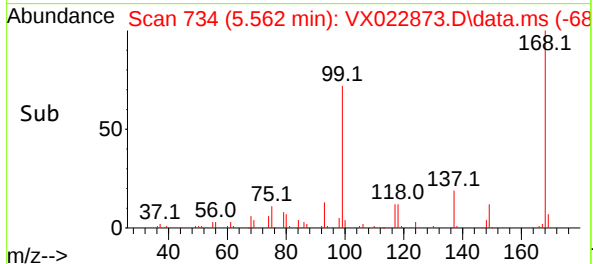
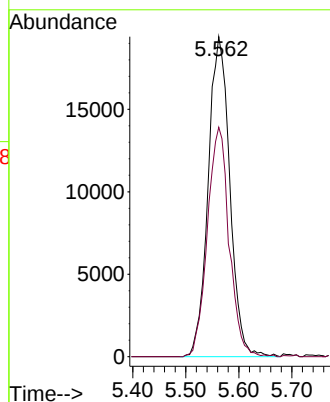
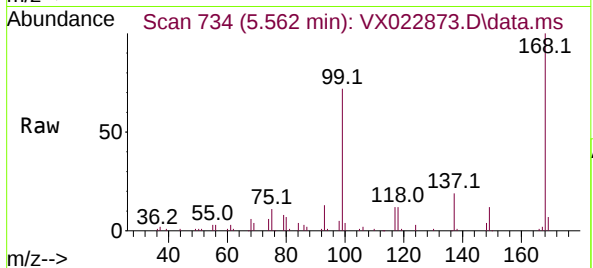




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022873.D
Acq: 24 Jun 2021 16:38

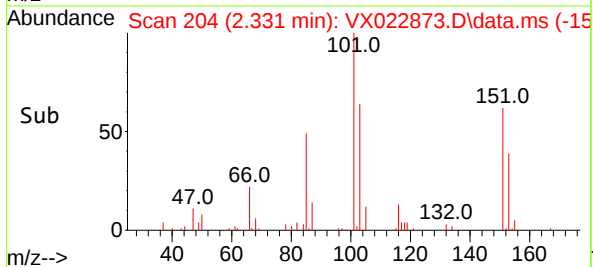
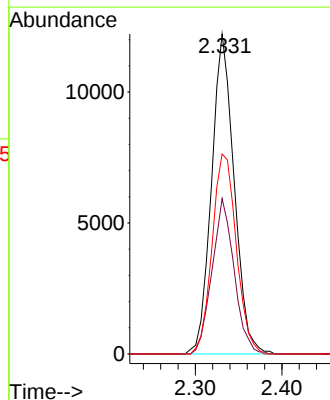
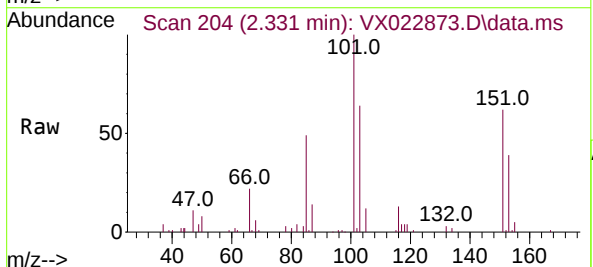
Instrument :
MSVOA_X
ClientSampleId :

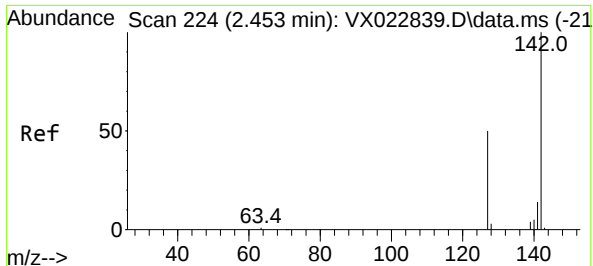
Tgt Ion:168 Resp: 54944
Ion Ratio Lower Upper
168 100
99 71.7 45.8 68.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 31.00 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022873.D
Acq: 24 Jun 2021 16:38

Tgt Ion:101 Resp: 22145
Ion Ratio Lower Upper
101 100
85 47.4 34.9 52.3
151 66.8 61.4 92.2

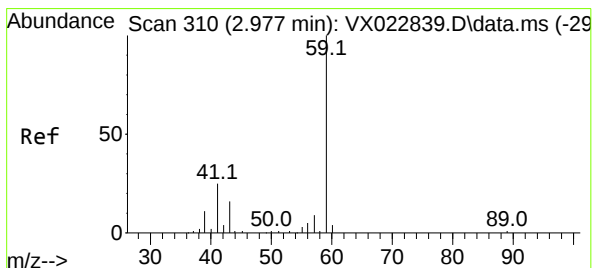
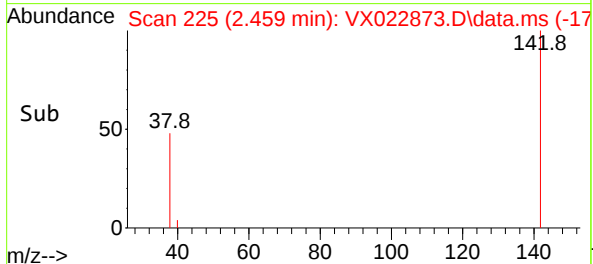
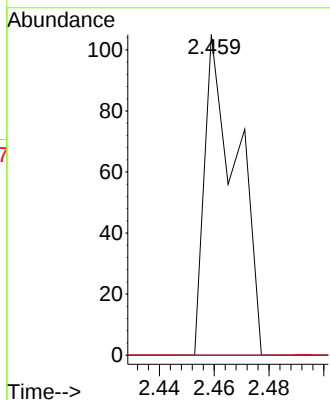
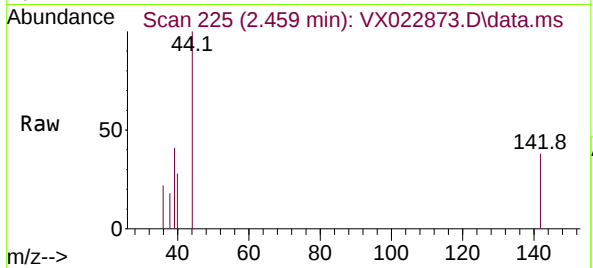




#10
Methyl Iodide
Concen: 3.97 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022873.D
Acq: 24 Jun 2021 16:38

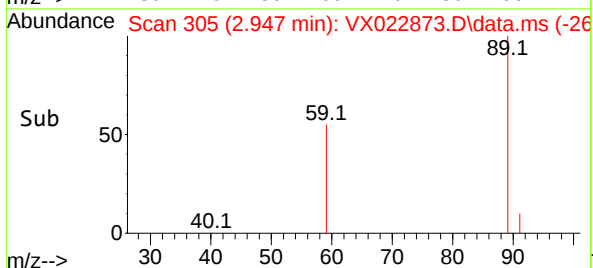
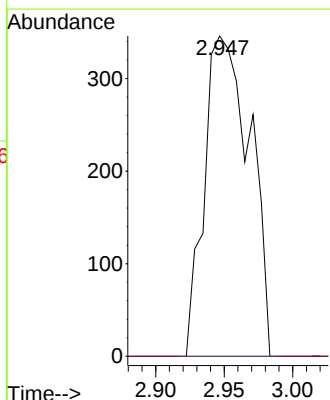
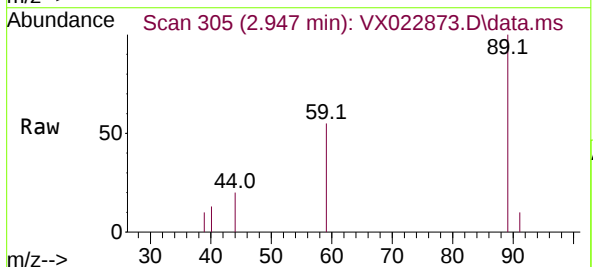
Instrument :
MSVOA_X
ClientSampled :

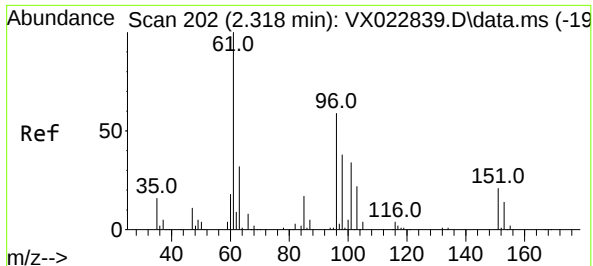
Tgt Ion:142 Resp: 86
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 3.85 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX022873.D
Acq: 24 Jun 2021 16:38

Tgt Ion: 59 Resp: 800
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.24 ug/l

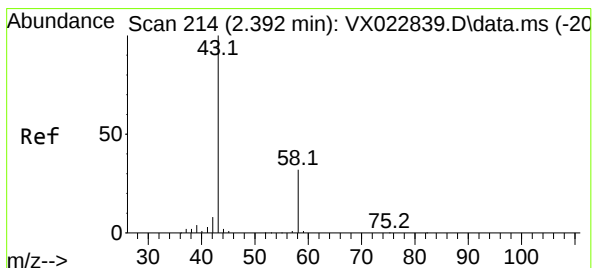
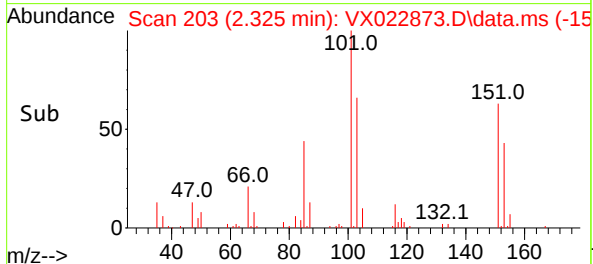
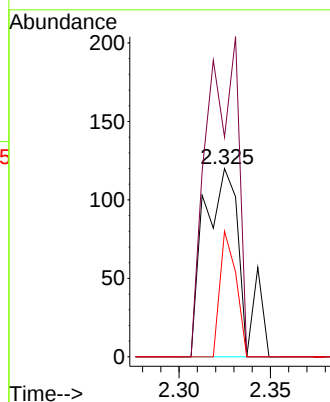
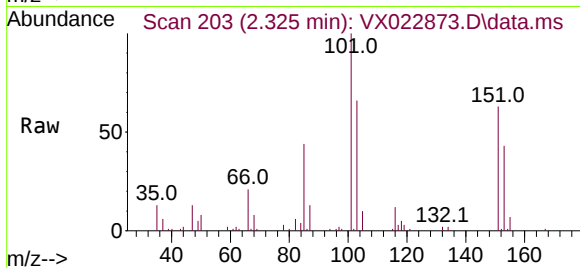
RT: 2.325 min Scan# 203

Delta R.T. 0.007 min

Lab File: VX022873.D

Acq: 24 Jun 2021 16:38

Tgt Ion:	96	Resp:	170
Ion	Ratio	Lower	Upper
96	100		
61	116.7	124.6	187.0#
98	66.7	50.6	76.0



#16

Acetone

Concen: 1.15 ug/l

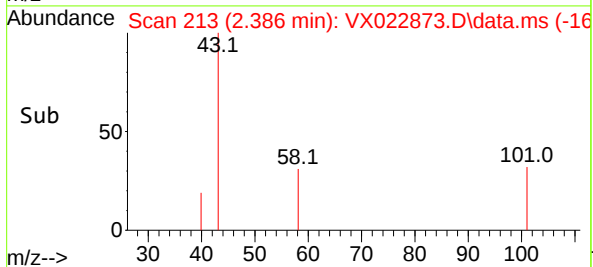
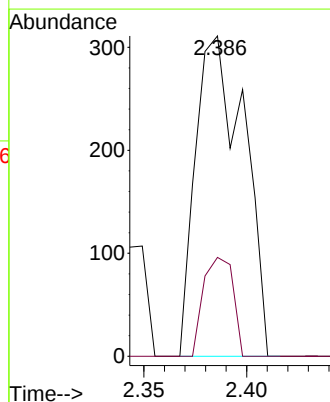
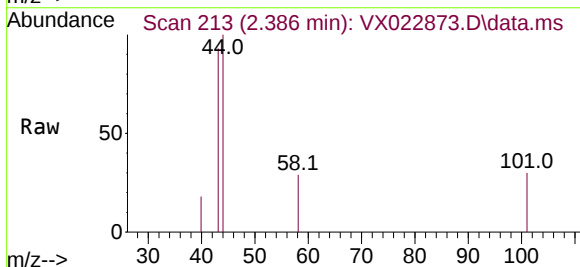
RT: 2.386 min Scan# 213

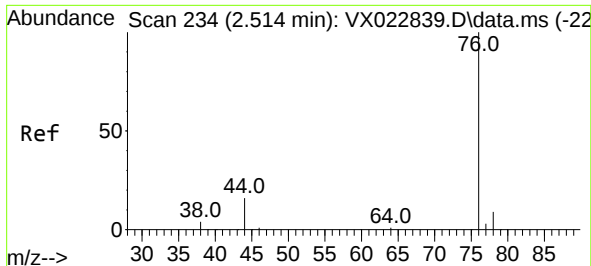
Delta R.T. -0.006 min

Lab File: VX022873.D

Acq: 24 Jun 2021 16:38

Tgt Ion:	43	Resp:	508
Ion	Ratio	Lower	Upper
43	100		
58	30.9	27.8	41.8

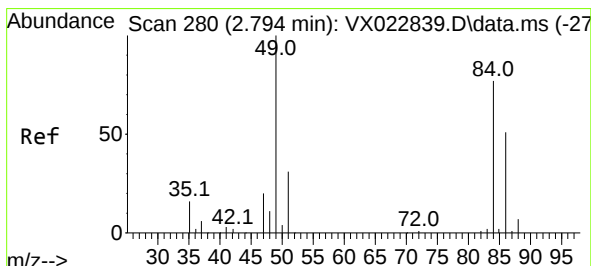
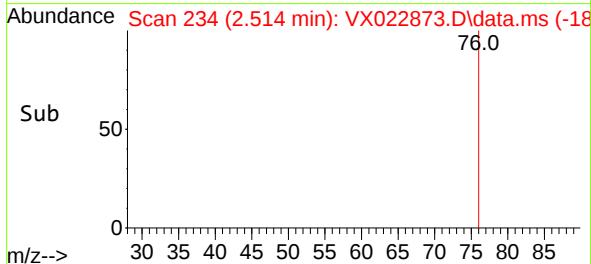
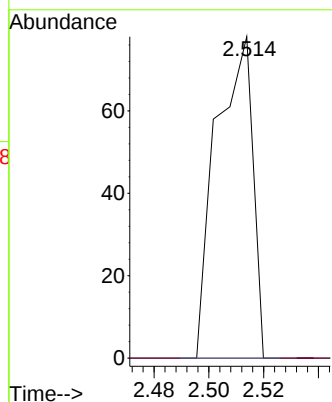
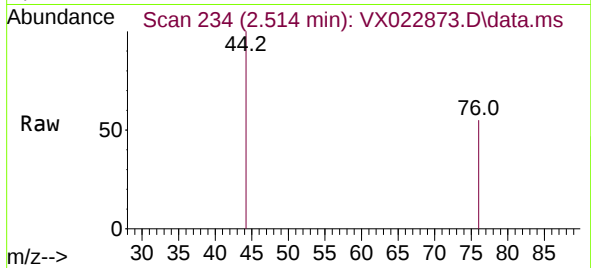




#17
Carbon Disulfide
Concen: 3.55 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022873.D
Acq: 24 Jun 2021 16:38

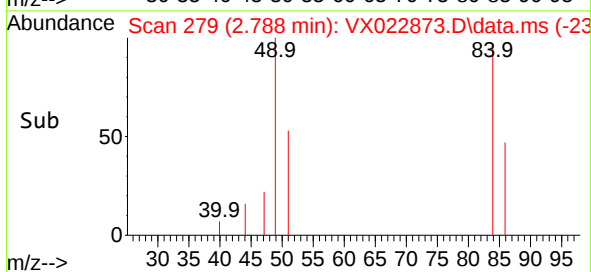
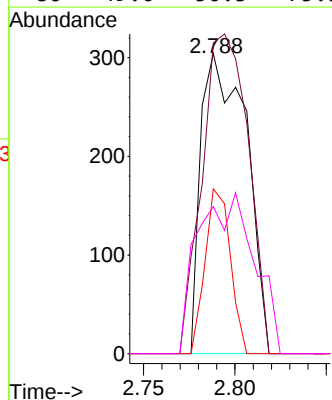
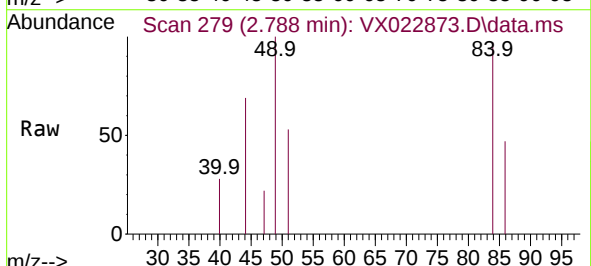
Instrument :
MSVOA_X
ClientSampleId :

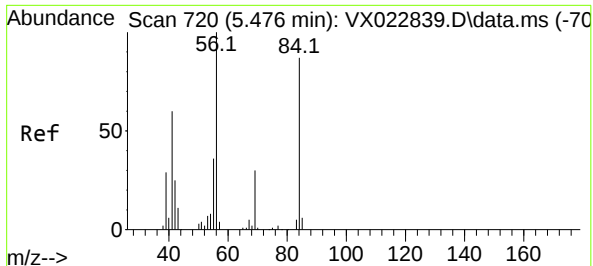
Tgt Ion: 76 Resp: 72
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.96 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022873.D
Acq: 24 Jun 2021 16:38

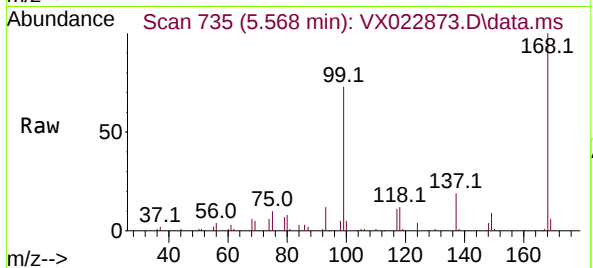
Tgt Ion: 84 Resp: 523
Ion Ratio Lower Upper
84 100
49 103.6 88.6 132.8
51 54.9 27.0 40.6#
86 49.0 50.3 75.5#



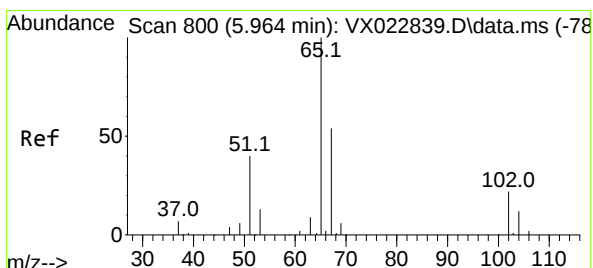
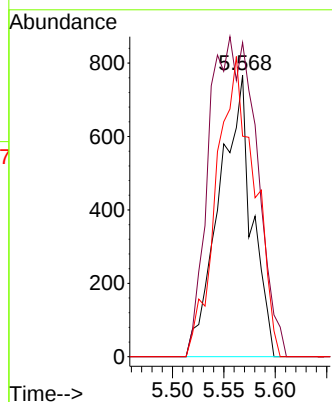
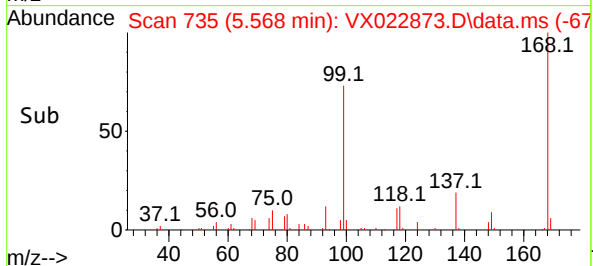


#31
Cyclohexane
Concen: 1.21 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.092 min
Lab File: VX022873.D
Acq: 24 Jun 2021 16:38

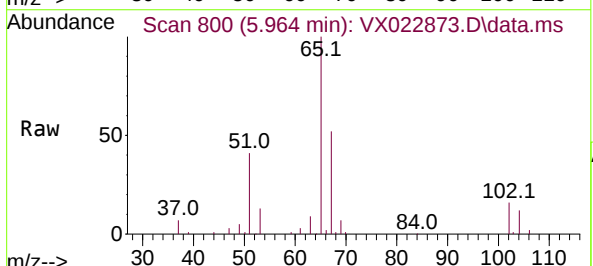
Instrument :
MSVOA_X
ClientSampled :



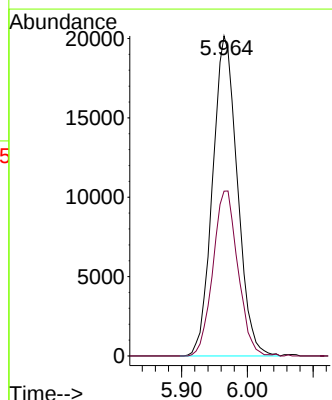
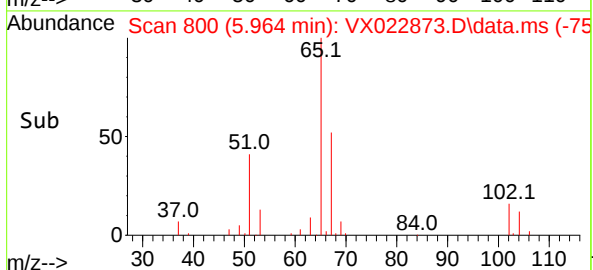
Tgt Ion: 56 Resp: 1700
Ion Ratio Lower Upper
56 100
69 111.6 25.3 37.9#
84 78.4 71.4 107.0

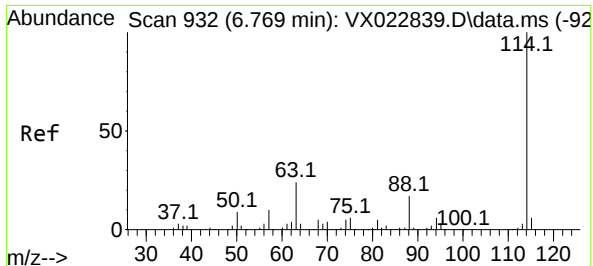


#33
1,2-Dichloroethane-d4
Concen: 53.03 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022873.D
Acq: 24 Jun 2021 16:38



Tgt Ion: 65 Resp: 52876
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4

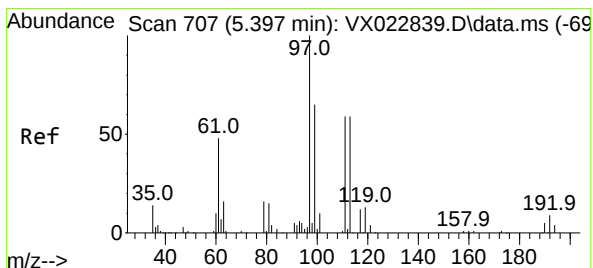
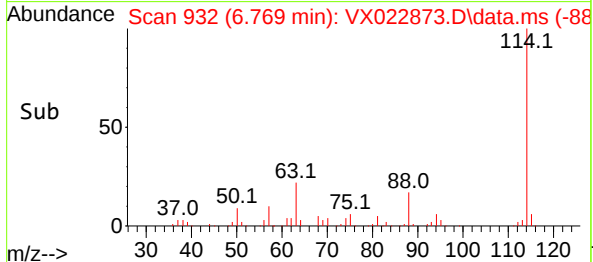
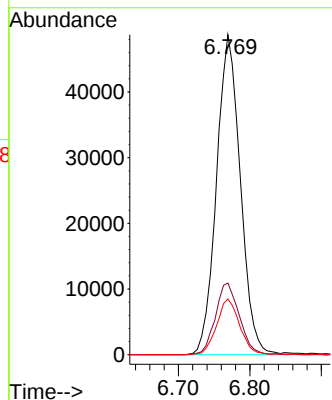
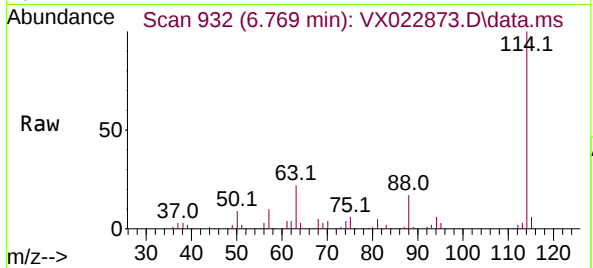




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022873.D
Acq: 24 Jun 2021 16:38

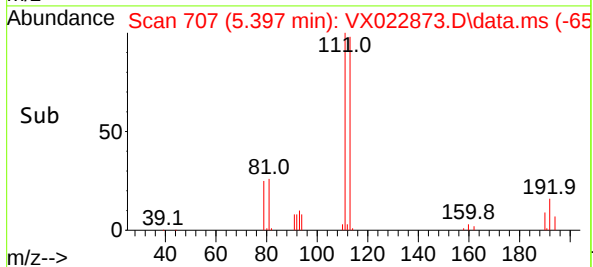
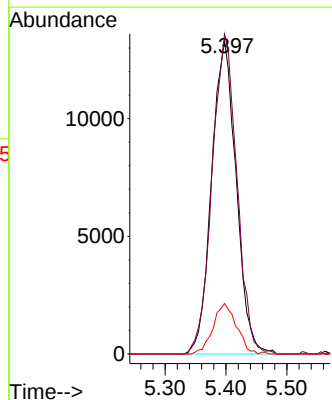
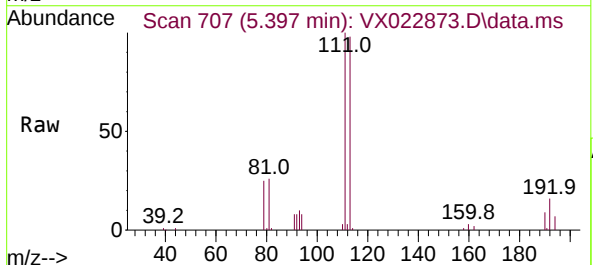
Instrument :
MSVOA_X
ClientSampleId :

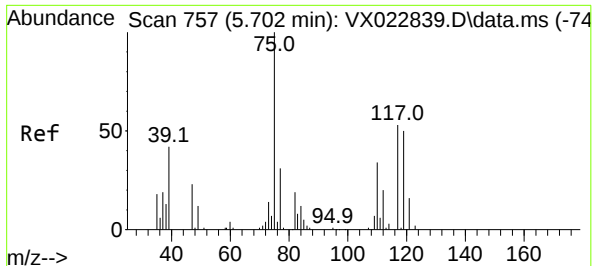
Tgt Ion:114 Resp: 112792
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 17.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.04 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022873.D
Acq: 24 Jun 2021 16:38

Tgt Ion:113 Resp: 37273
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 15.3 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.93 ug/l

RT: 5.562 min Scan# 734

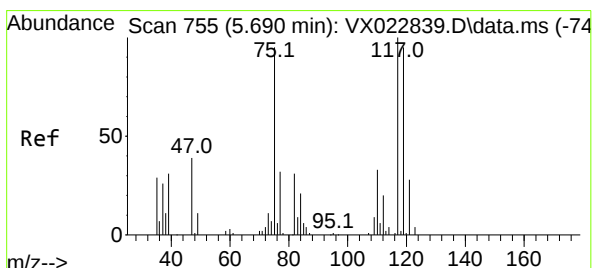
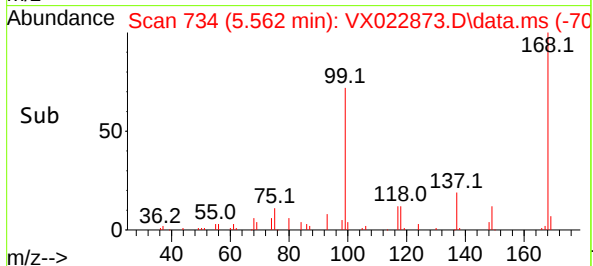
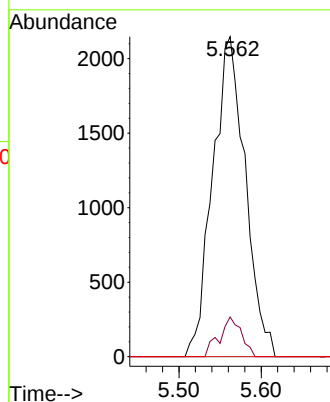
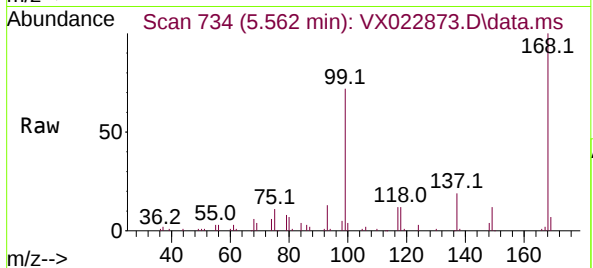
Delta R.T. -0.140 min

Lab File: VX022873.D

Acq: 24 Jun 2021 16:38

Tgt Ion:	75	Resp:	5909
Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.50 ug/l

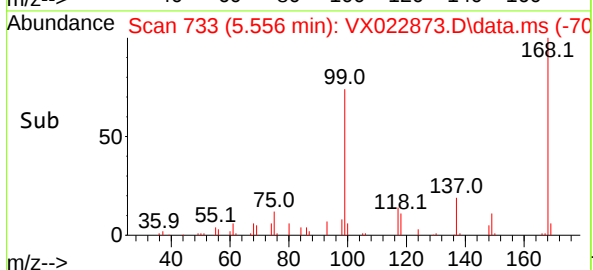
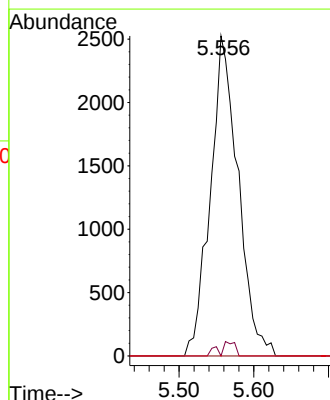
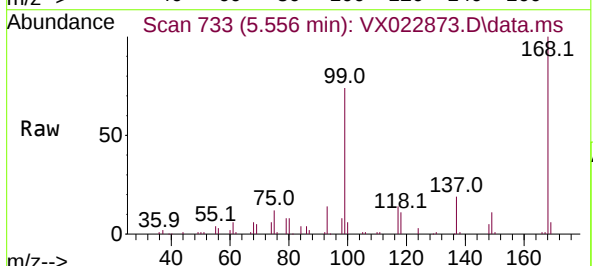
RT: 5.556 min Scan# 733

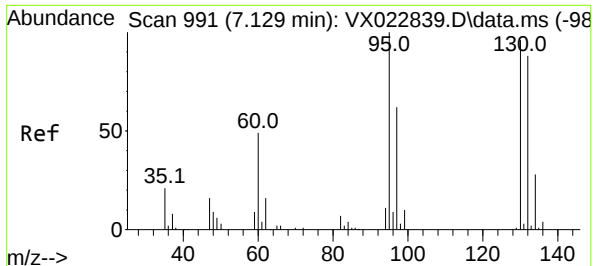
Delta R.T. -0.134 min

Lab File: VX022873.D

Acq: 24 Jun 2021 16:38

Tgt Ion:	117	Resp:	6529
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.2	114.2#
121	0.0	24.8	37.2#

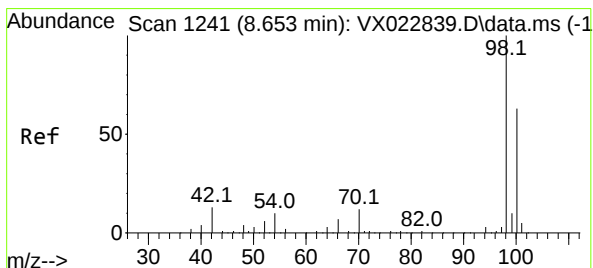
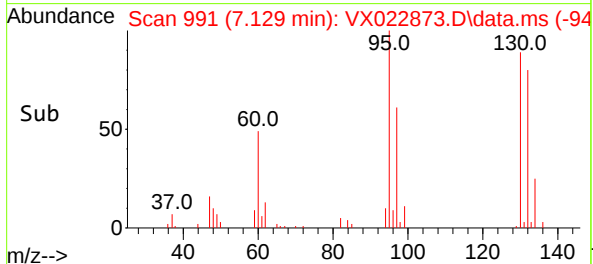
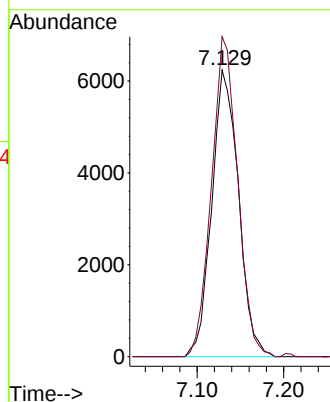
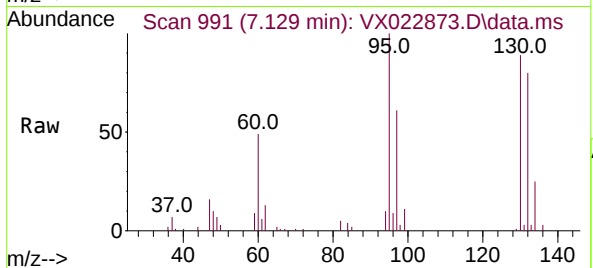




#44
Trichloroethene
Concen: 16.32 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022873.D
Acq: 24 Jun 2021 16:38

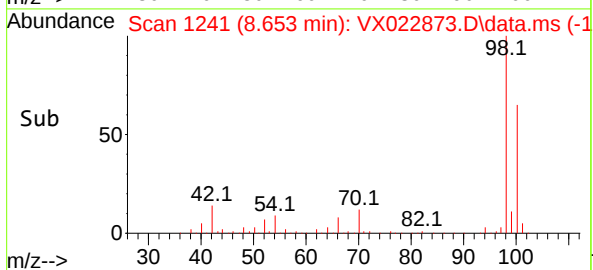
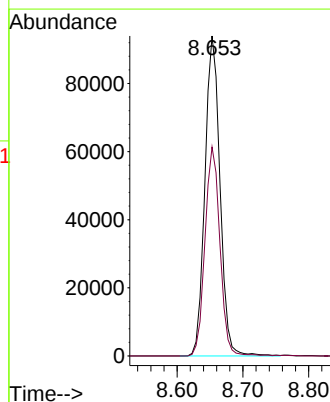
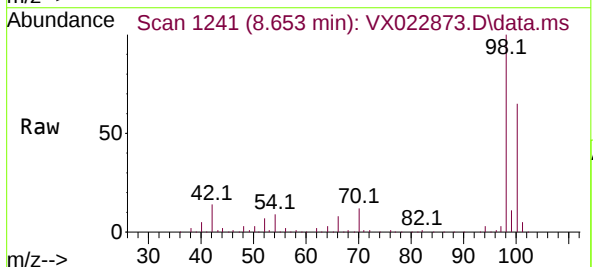
Instrument :
MSVOA_X
ClientSampled :

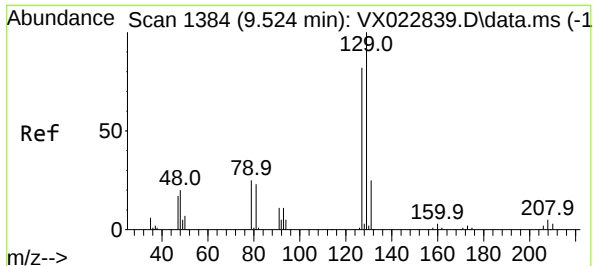
Tgt Ion:130 Resp: 13374
Ion Ratio Lower Upper
130 100
95 111.8 0.0 198.0



#50
Toluene-d8
Concen: 53.42 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022873.D
Acq: 24 Jun 2021 16:38

Tgt Ion: 98 Resp: 149948
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

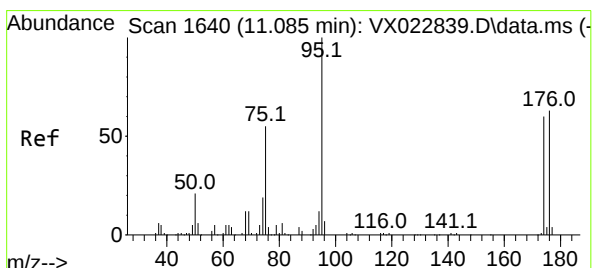
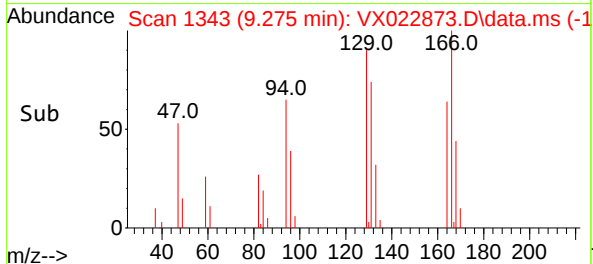
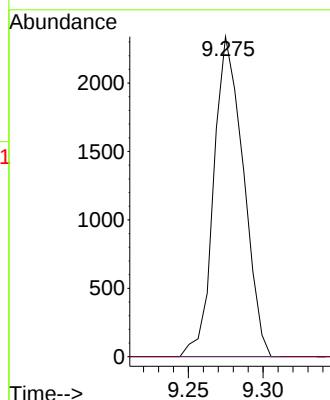
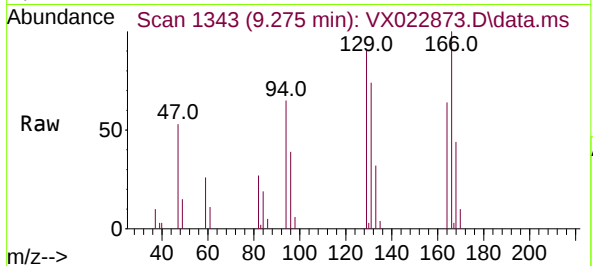




#60
Dibromochloromethane
Concen: 7.28 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX022873.D
Acq: 24 Jun 2021 16:38

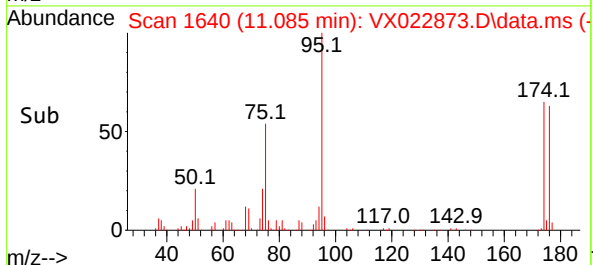
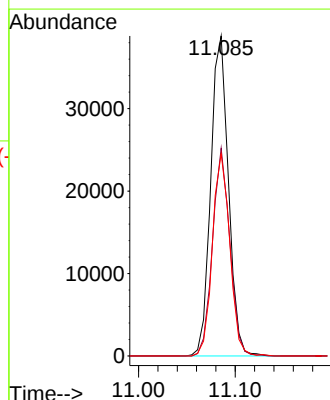
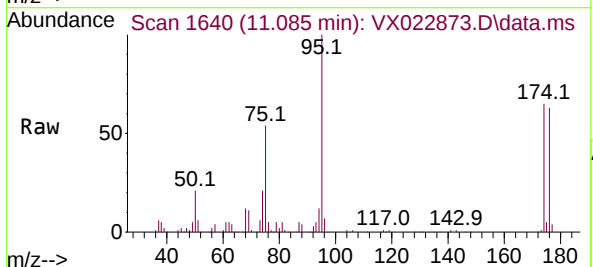
Instrument :
MSVOA_X
ClientSampleId :

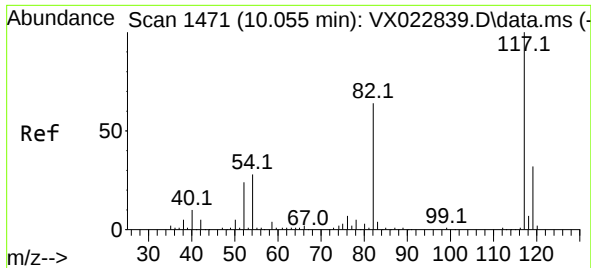
Tgt Ion:129 Resp: 3218
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 47.16 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022873.D
Acq: 24 Jun 2021 16:38

Tgt Ion: 95 Resp: 49410
Ion Ratio Lower Upper
95 100
174 63.3 0.0 154.6
176 61.9 0.0 155.8

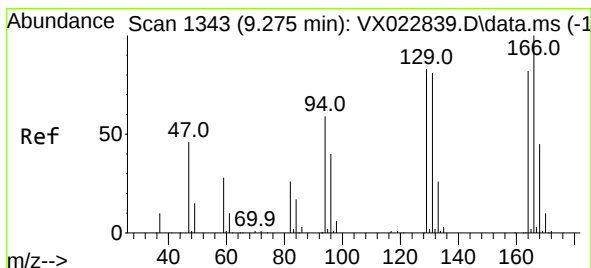
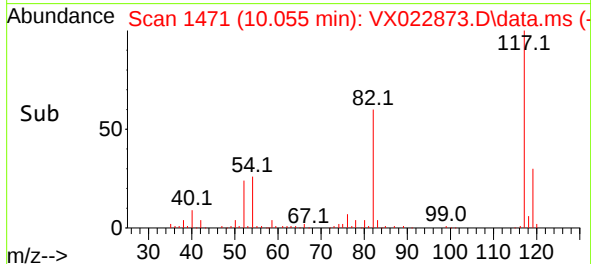
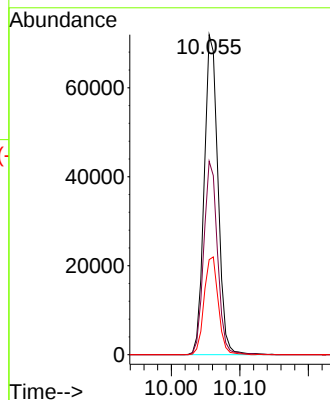
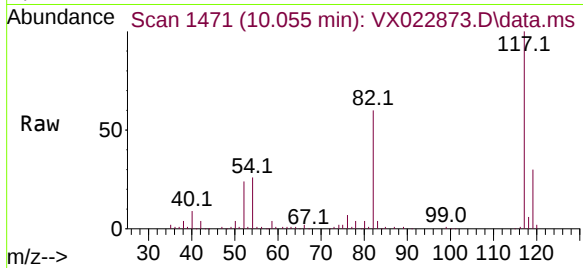




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022873.D
Acq: 24 Jun 2021 16:38

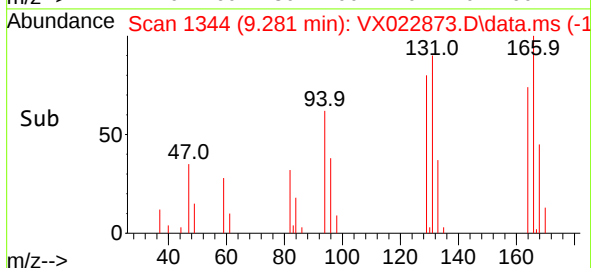
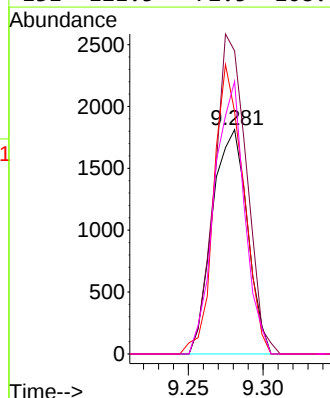
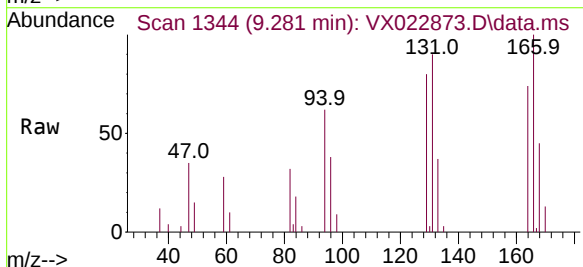
Instrument :
MSVOA_X
ClientSampleId :

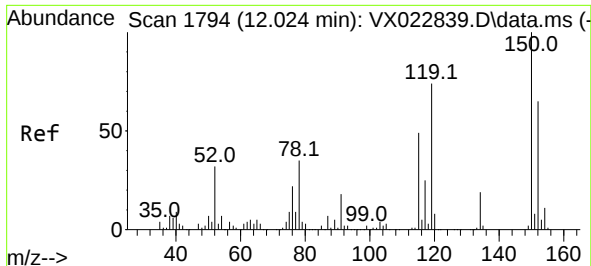
Tgt Ion:117 Resp: 100473
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 29.7 26.6 39.8



#64
Tetrachloroethene
Concen: 4.17 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022873.D
Acq: 24 Jun 2021 16:38

Tgt Ion:164 Resp: 2946
Ion Ratio Lower Upper
164 100
166 135.1 103.4 155.2
129 108.0 70.8 106.2#
131 121.5 72.5 108.7#

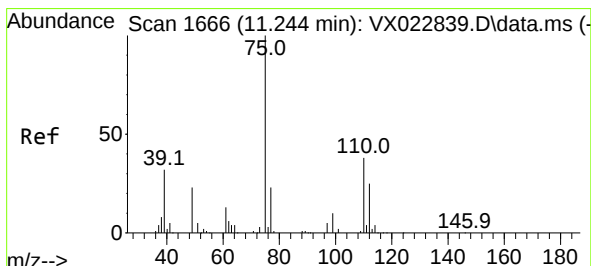
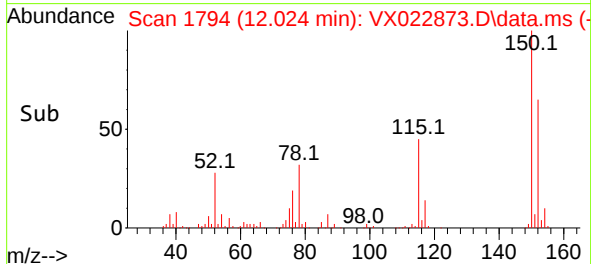
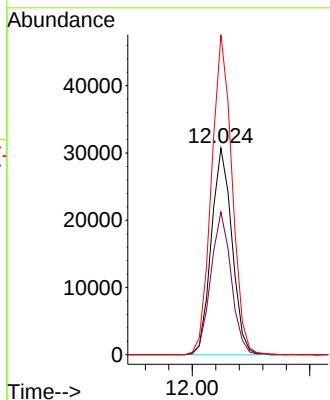
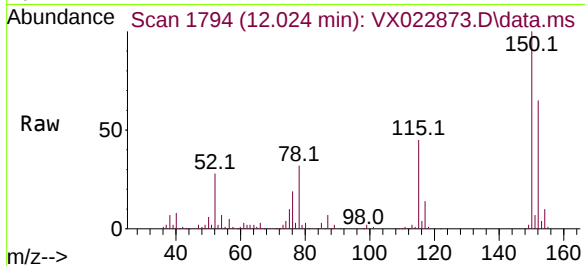




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022873.D
 Acq: 24 Jun 2021 16:38

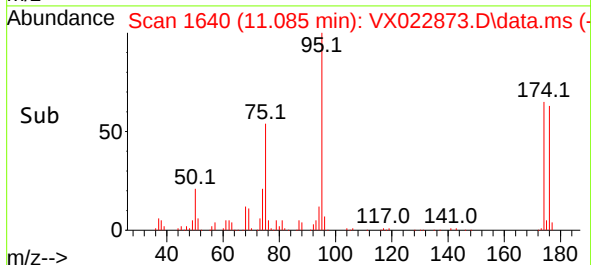
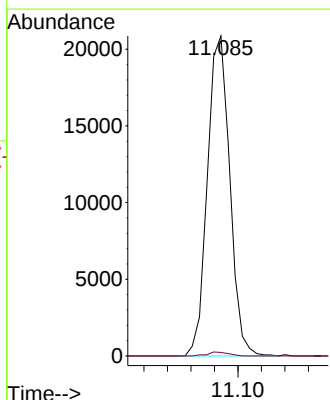
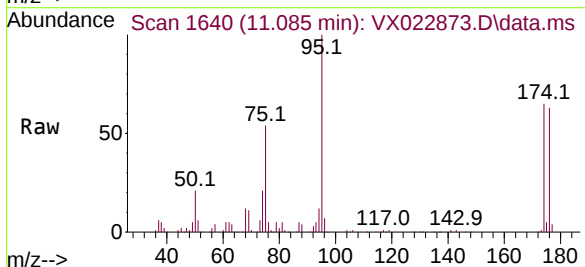
Instrument :
 MSVOA_X
 ClientSampled :

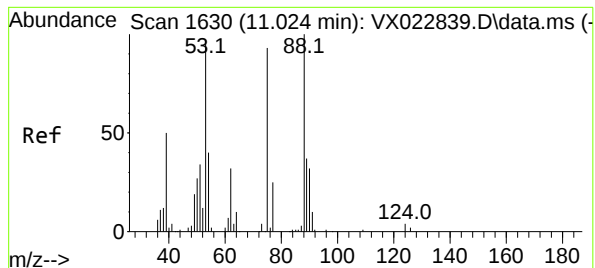
Tgt Ion:152 Resp: 37509
 Ion Ratio Lower Upper
 152 100
 115 68.3 41.1 123.3
 150 154.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.86 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022873.D
 Acq: 24 Jun 2021 16:38

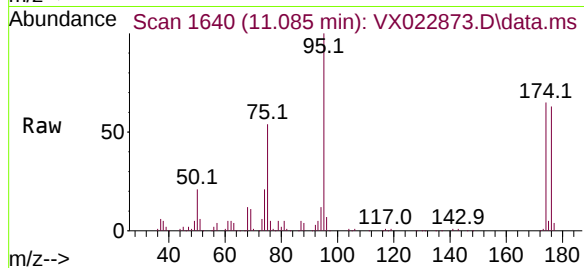
Tgt Ion: 75 Resp: 27602
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.96 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022873.D
 Acq: 24 Jun 2021 16:38

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 27602
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

