

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021368.D
 Acq On : 22 Mar 2021 19:01
 Operator : JC/MD
 Sample : M1735-06DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 23 02:03:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	74860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	121538	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	105680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	42564	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	59165	48.19	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.38%
35) Dibromofluoromethane	5.470	113	42326	51.18	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.36%
50) Toluene-d8	8.694	98	148537	49.50	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.00%
62) 4-Bromofluorobenzene	11.118	95	51049	43.81	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.62%

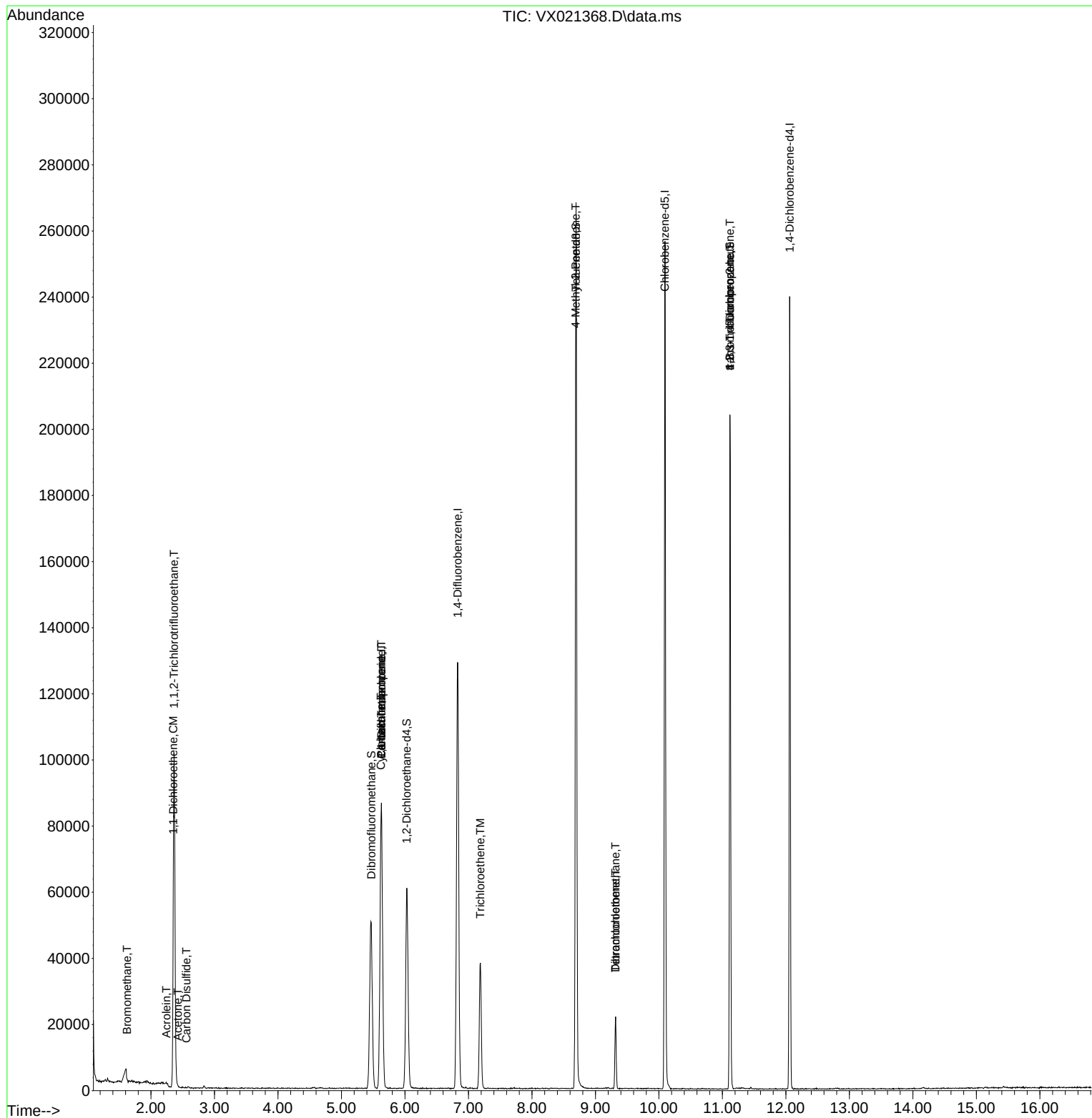
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.317	50	682	Below Cal	#	83
5) Bromomethane	1.622	94	134	0.34	ug/l #	2
9) 1,1,2-Trichlorotrifluo...	2.364	101	39259	50.18	ug/l	95
12) 1,1-Dichloroethene	2.352	96	336	0.44	ug/l #	84
13) Acrolein	2.240	56	47	3.50	ug/l #	1
16) Acetone	2.423	43	307	0.68	ug/l #	84
17) Carbon Disulfide	2.558	76	51	0.56	ug/l #	75
31) Cyclohexane	5.623	56	1975	1.33	ug/l #	30
36) 1,1-Dichloropropene	5.629	75	6900	5.63	ug/l #	49
38) Carbon Tetrachloride	5.629	117	8282	6.51	ug/l #	16
44) Trichloroethene	7.188	130	13472	15.03	ug/l	92
49) 1,4-Dioxane	7.717	88	41	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.688	43	868	0.64	ug/l #	1
60) Dibromochloromethane	9.318	129	3756	3.86	ug/l #	11
64) Tetrachloroethene	9.318	164	3650	4.62	ug/l	93
76) 1,2,3-Trichloropropane	11.118	75	29603	29.98	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	29603	81.40	ug/l #	12

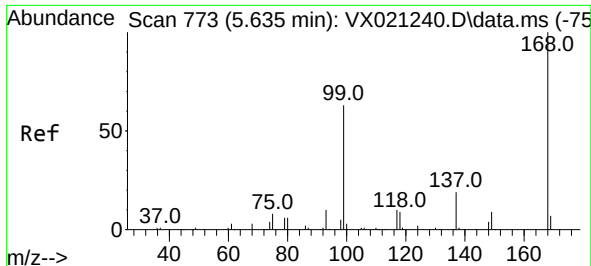
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration

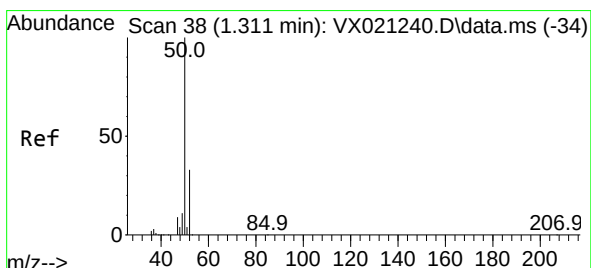
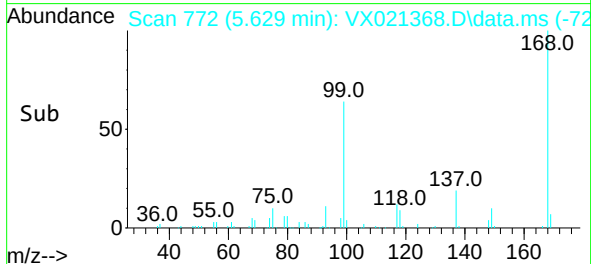
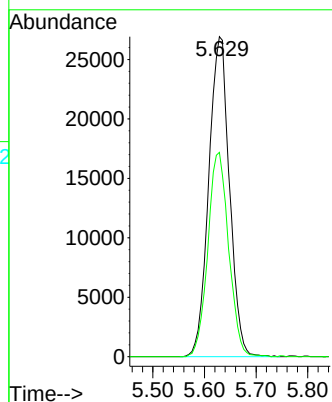
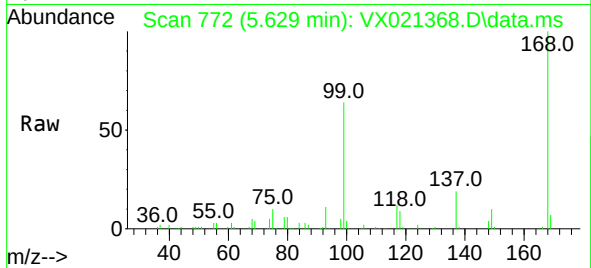




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021368.D
Acq: 22 Mar 2021 19:01

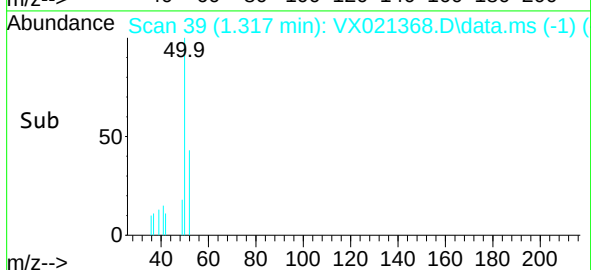
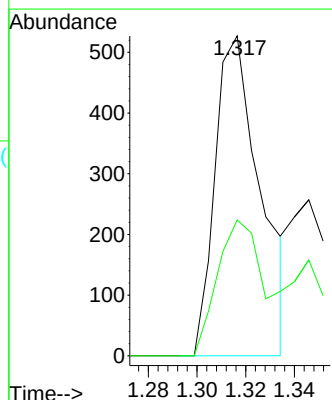
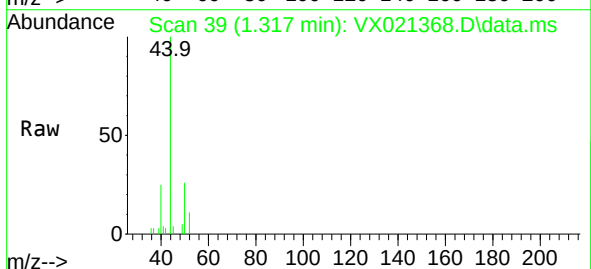
Instrument :
MSVOA_X
ClientSampled :

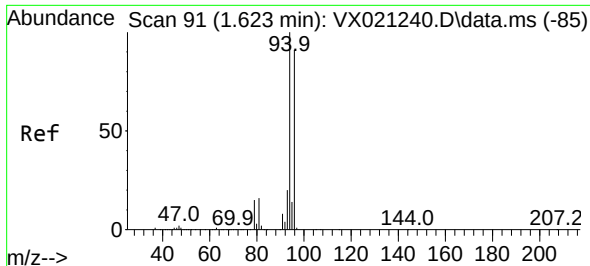
Tgt Ion:168 Resp: 74860
Ion Ratio Lower Upper
168 100
99 63.9 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021368.D
Acq: 22 Mar 2021 19:01

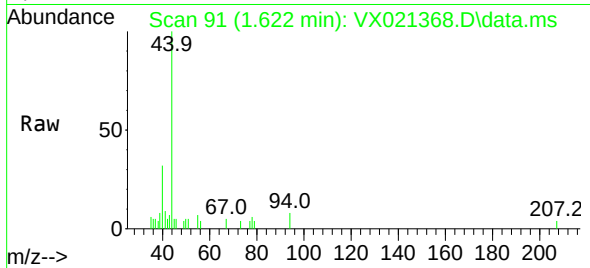
Tgt Ion: 50 Resp: 682
Ion Ratio Lower Upper
50 100
52 42.5 26.4 39.6#



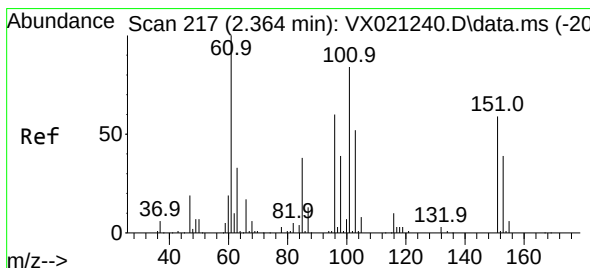
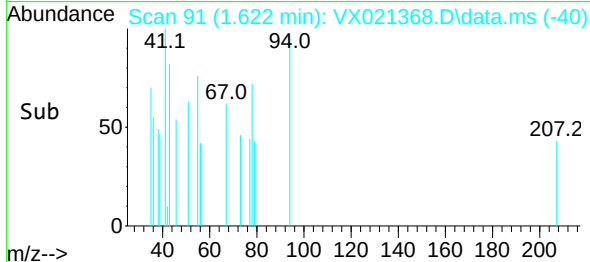
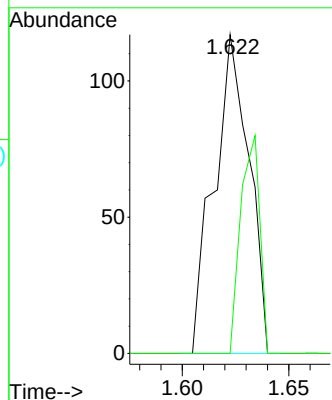


#5
 Bromomethane
 Concen: 0.34 ug/l
 RT: 1.622 min Scan# 91
 Delta R.T. -0.001 min
 Lab File: VX021368.D
 Acq: 22 Mar 2021 19:01

Instrument :
 MSVOA_X
 ClientSampled :

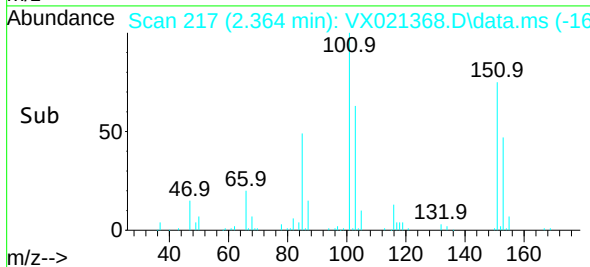
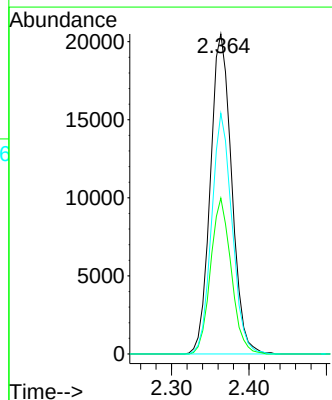
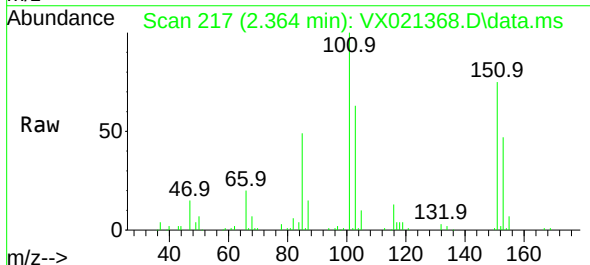


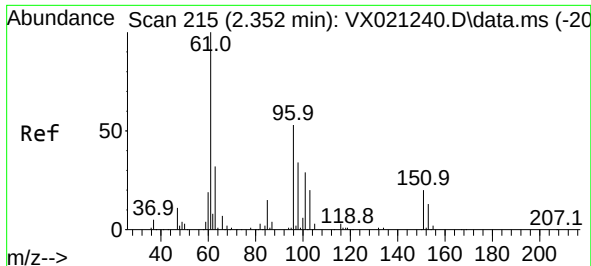
Tgt Ion: 94 Resp: 134
 Ion Ratio Lower Upper
 94 100
 96 0.0 76.4 114.6#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.18 ug/l
 RT: 2.364 min Scan# 217
 Delta R.T. -0.000 min
 Lab File: VX021368.D
 Acq: 22 Mar 2021 19:01

Tgt Ion: 101 Resp: 39259
 Ion Ratio Lower Upper
 101 100
 85 47.0 34.9 52.3
 151 72.4 61.4 92.2





#12

1,1-Dichloroethene

Concen: 0.44 ug/l

RT: 2.352 min Scan# 215

Delta R.T. -0.000 min

Lab File: VX021368.D

Acq: 22 Mar 2021 19:01

Tgt Ion: 96 Resp: 336

Ion Ratio Lower Upper

96 100

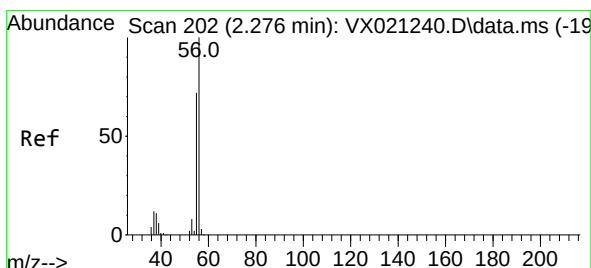
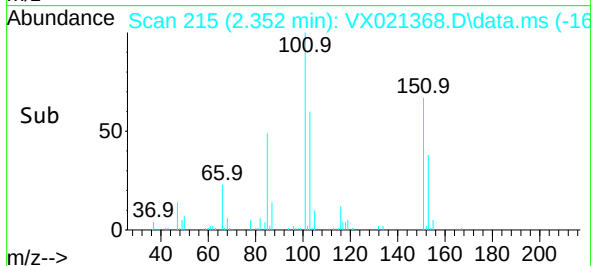
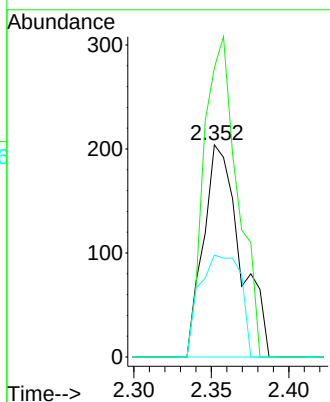
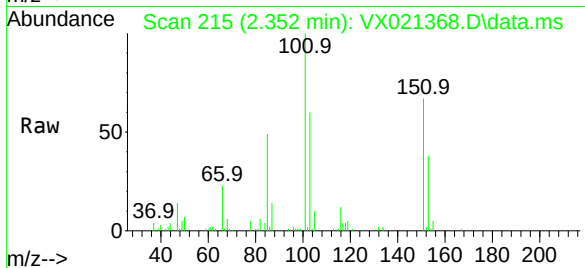
61 136.3 124.6 187.0

98 48.0 50.6 76.0#

Instrument :

MSVOA_X

ClientSampled :



#13

Acrolein

Concen: 3.50 ug/l

RT: 2.240 min Scan# 196

Delta R.T. -0.036 min

Lab File: VX021368.D

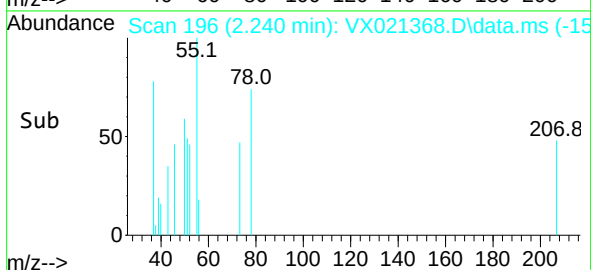
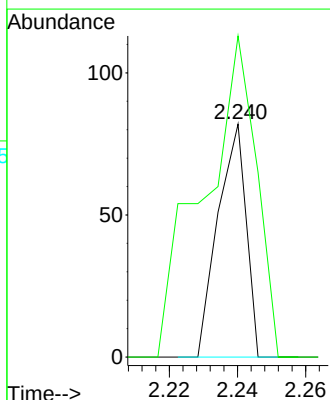
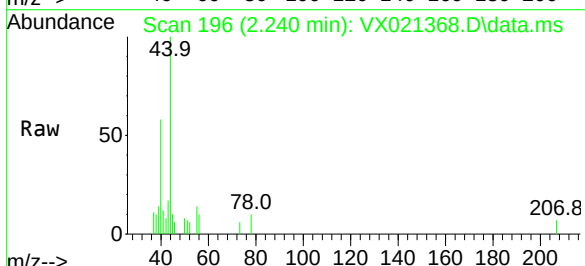
Acq: 22 Mar 2021 19:01

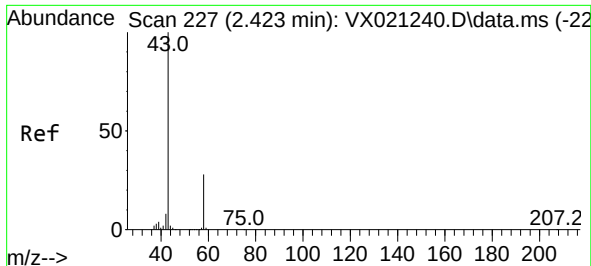
Tgt Ion: 56 Resp: 47

Ion Ratio Lower Upper

56 100

55 259.6 56.4 84.6#

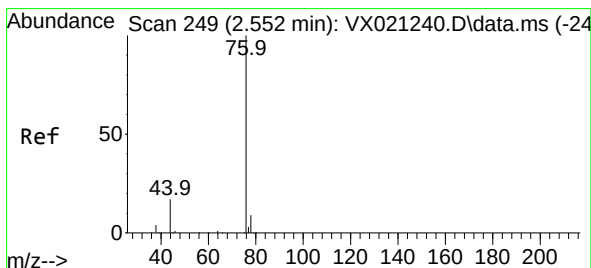
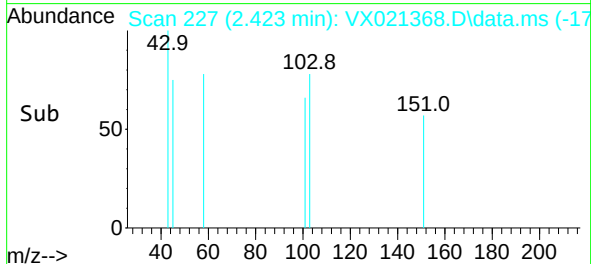
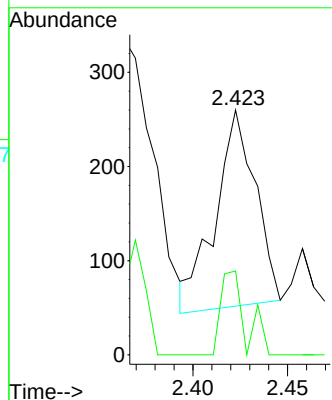
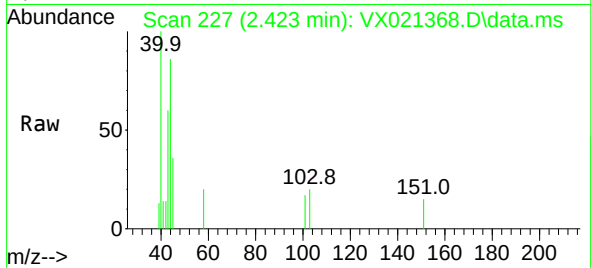




#16
Acetone
Concen: 0.68 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021368.D
Acq: 22 Mar 2021 19:01

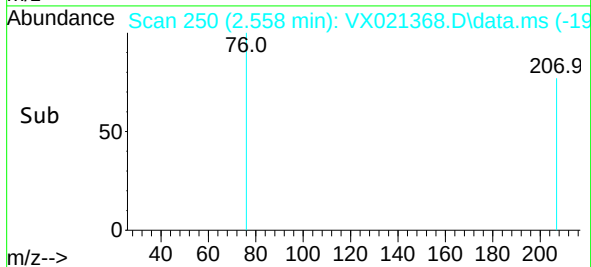
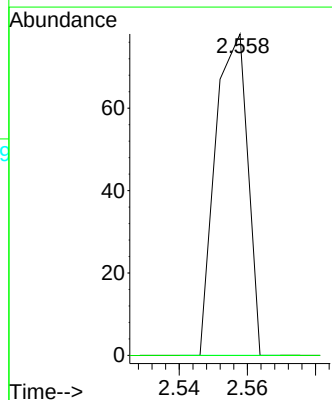
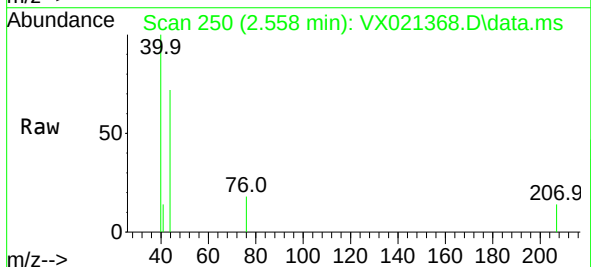
Instrument :
MSVOA_X
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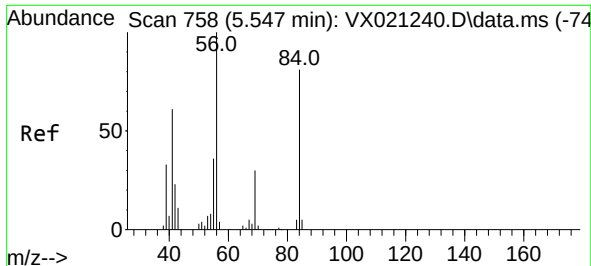
Tgt Ion: 43 Resp: 307
Ion Ratio Lower Upper
43 100
58 44.1 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.56 ug/l
RT: 2.558 min Scan# 250
Delta R.T. 0.006 min
Lab File: VX021368.D
Acq: 22 Mar 2021 19:01

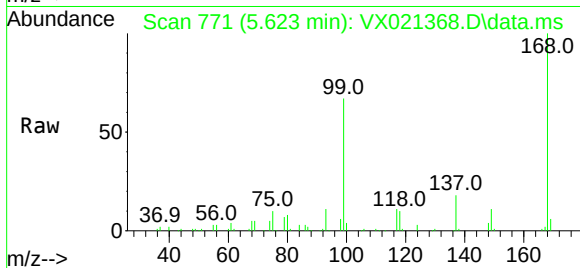
Tgt Ion: 76 Resp: 51
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



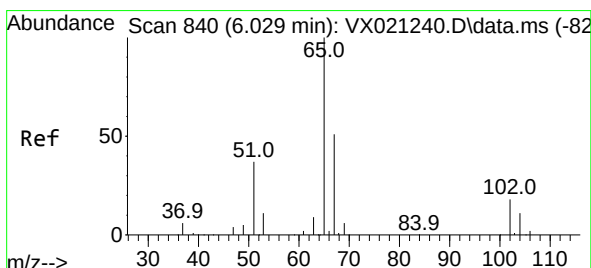
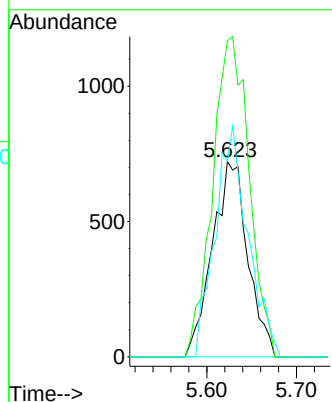
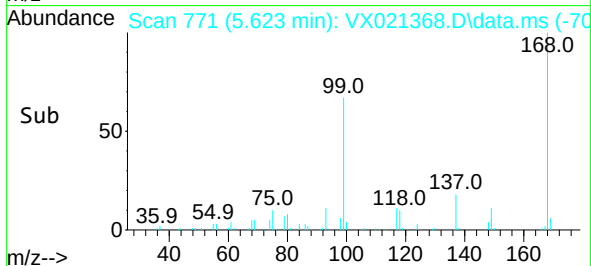


#31
Cyclohexane
Concen: 1.33 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021368.D
Acq: 22 Mar 2021 19:01

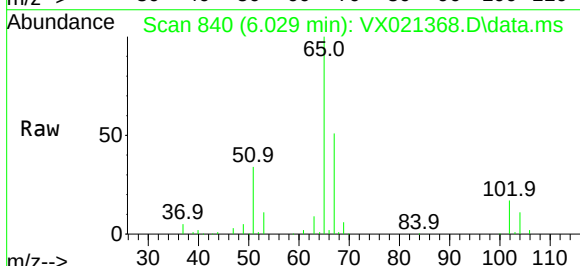
Instrument :
MSVOA_X
ClientSampled :



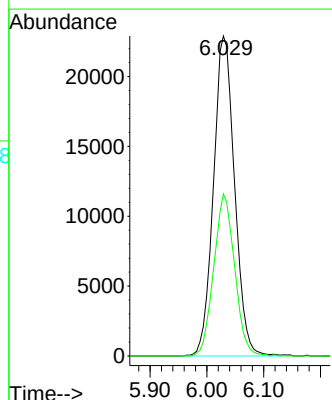
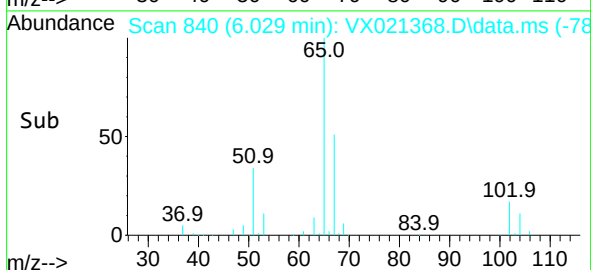
Tgt Ion: 56 Resp: 1975
Ion Ratio Lower Upper
56 100
69 161.8 25.3 37.9#
84 100.1 71.4 107.0

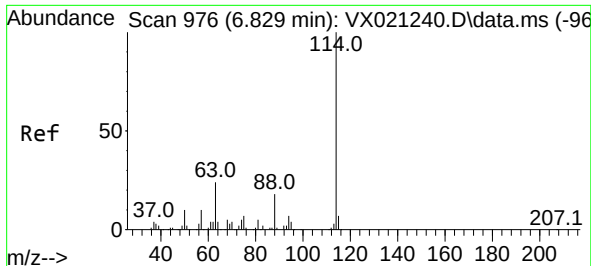


#33
1,2-Dichloroethane-d4
Concen: 48.19 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021368.D
Acq: 22 Mar 2021 19:01



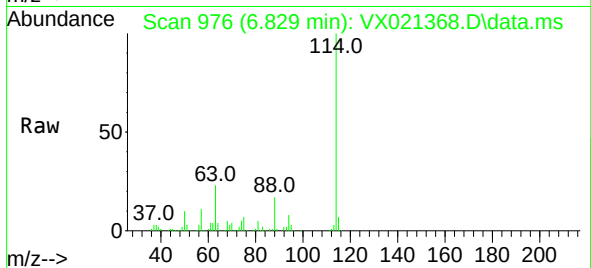
Tgt Ion: 65 Resp: 59165
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4



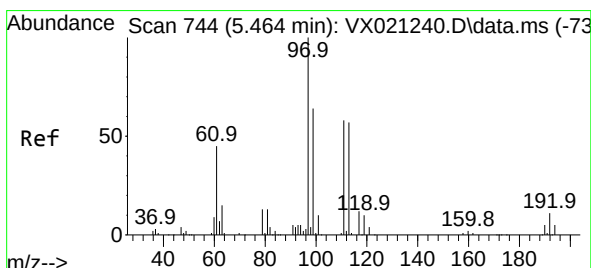
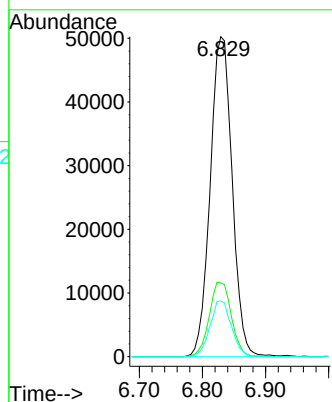
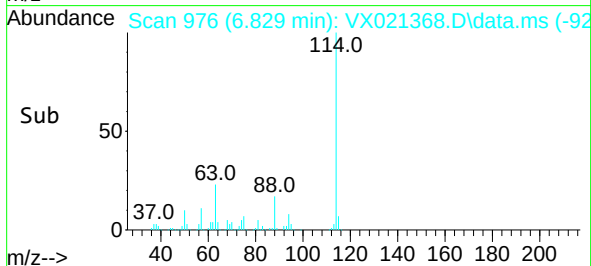


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021368.D
Acq: 22 Mar 2021 19:01

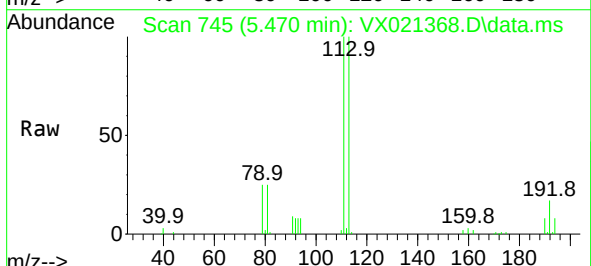
Instrument :
MSVOA_X
ClientSampleId :



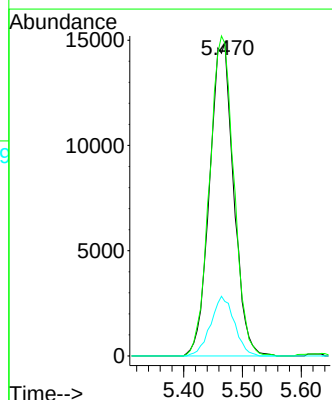
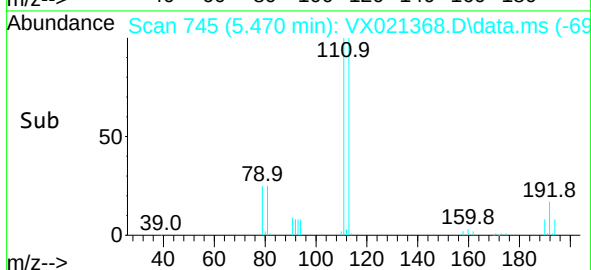
Tgt Ion:114 Resp: 121538
Ion Ratio Lower Upper
114 100
63 23.0 0.0 40.8
88 17.4 0.0 32.8

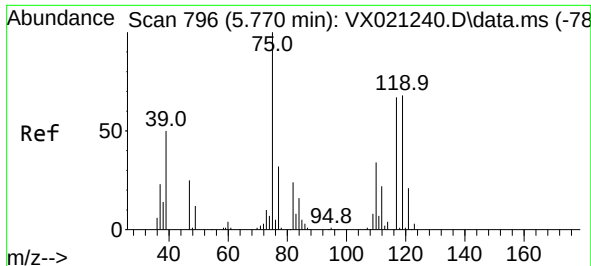


#35
Dibromofluoromethane
Concen: 51.18 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021368.D
Acq: 22 Mar 2021 19:01



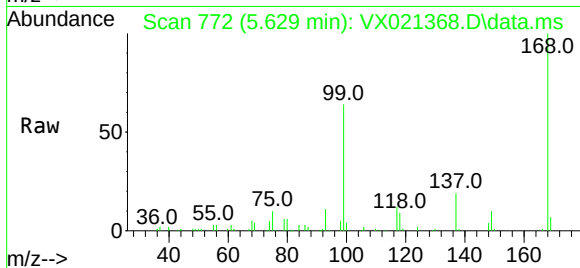
Tgt Ion:113 Resp: 42326
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 18.8 16.7 25.1



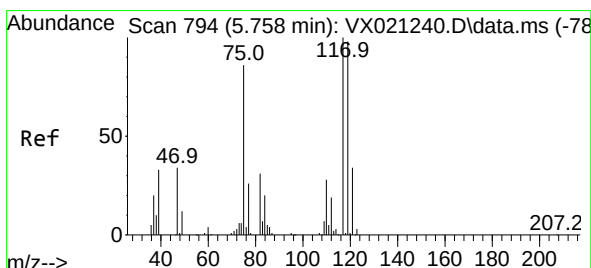
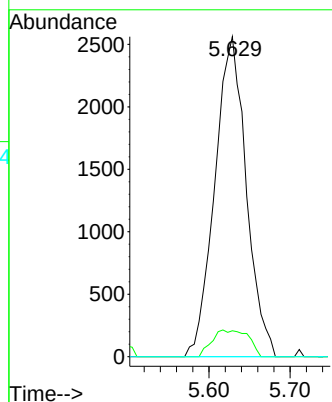
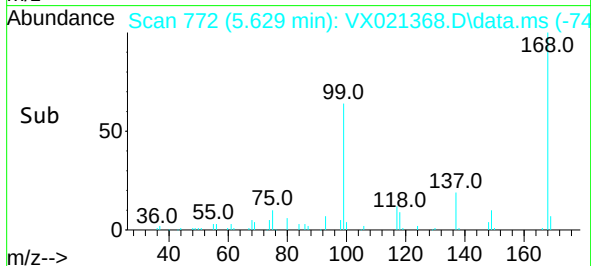


#36
1,1-Dichloropropene
Concen: 5.63 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021368.D
Acq: 22 Mar 2021 19:01

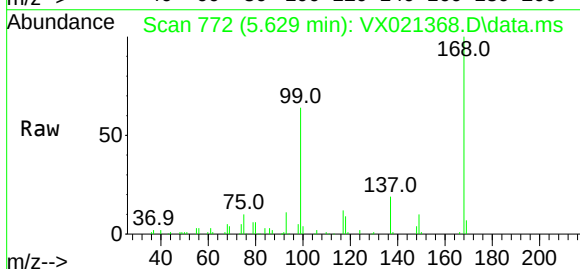
Instrument :
MSVOA_X
ClientSampled :



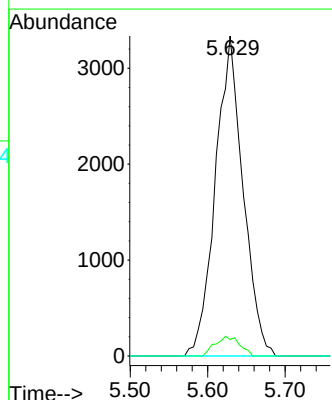
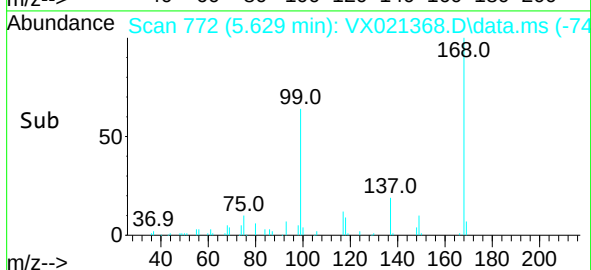
Tgt Ion: 75 Resp: 6900
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#

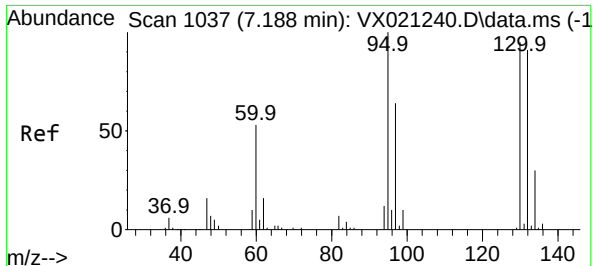


#38
Carbon Tetrachloride
Concen: 6.51 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.129 min
Lab File: VX021368.D
Acq: 22 Mar 2021 19:01



Tgt Ion: 117 Resp: 8282
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

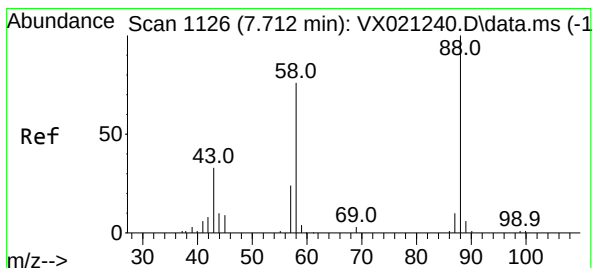
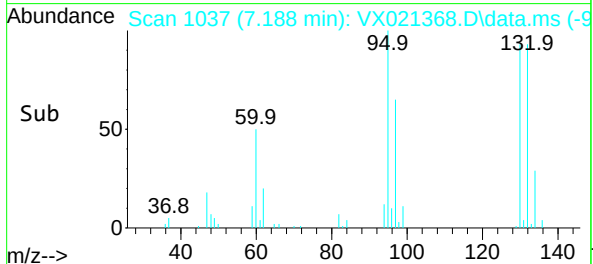
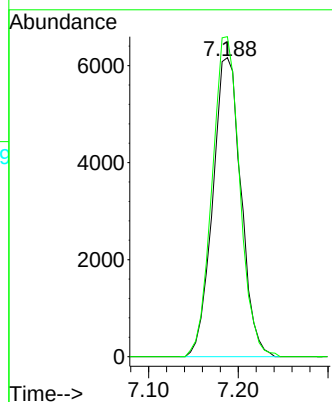
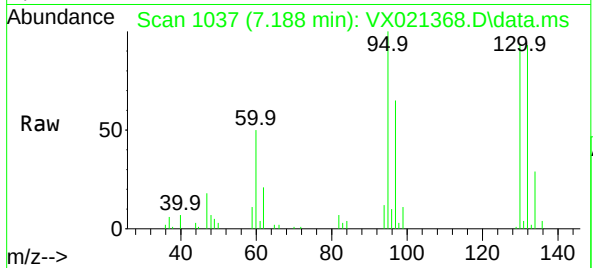




#44
Trichloroethene
Concen: 15.03 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021368.D
Acq: 22 Mar 2021 19:01

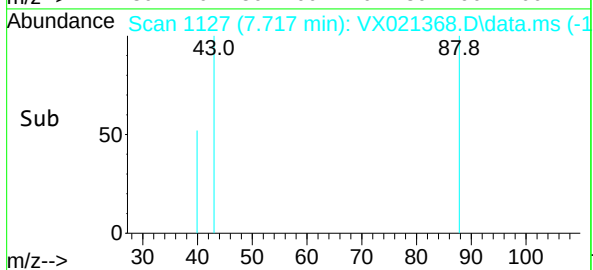
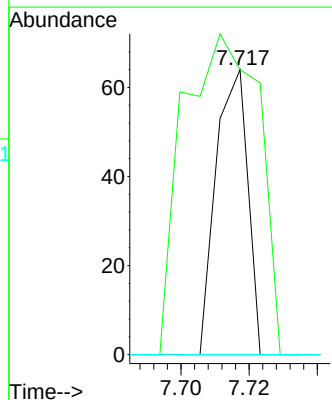
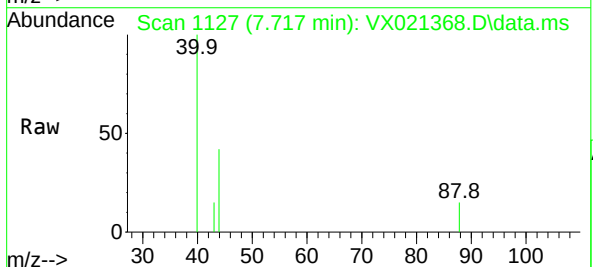
Instrument :
MSVOA_X
ClientSampled :

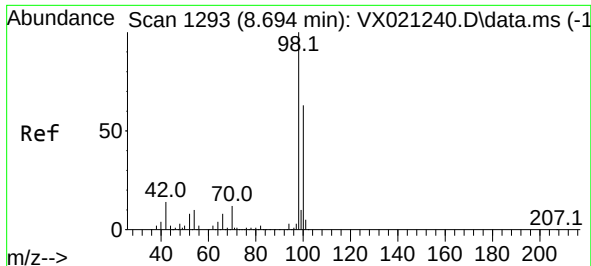
Tgt Ion:130 Resp: 13472
Ion Ratio Lower Upper
130 100
95 107.0 0.0 198.0



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.717 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VX021368.D
Acq: 22 Mar 2021 19:01

Tgt Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
43 270.7 23.2 34.8#
58 0.0 55.0 82.4#

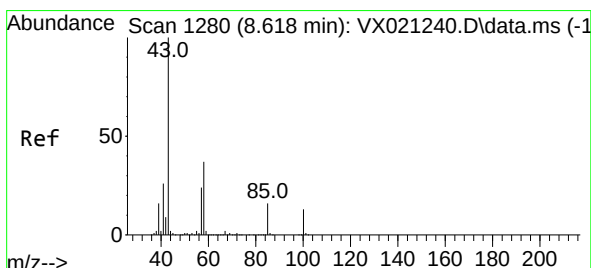
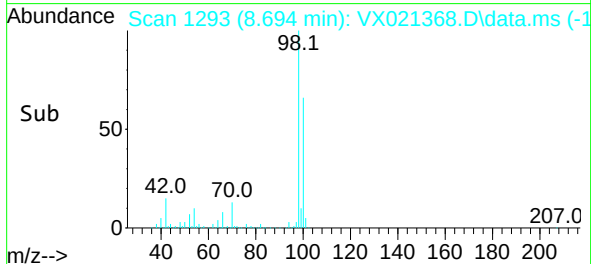
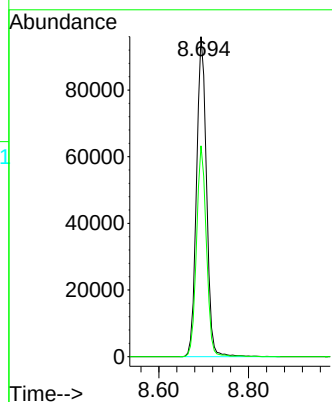
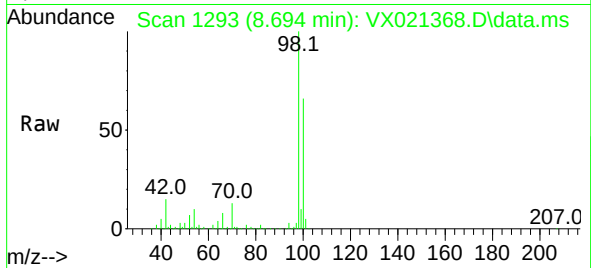




#50
Toluene-d8
Concen: 49.50 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021368.D
Acq: 22 Mar 2021 19:01

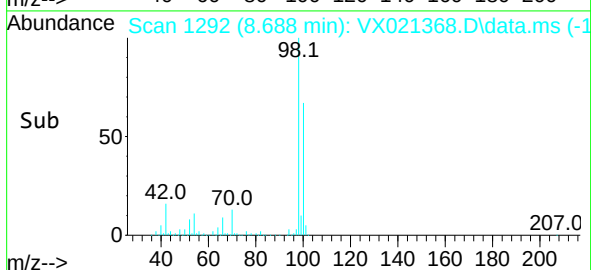
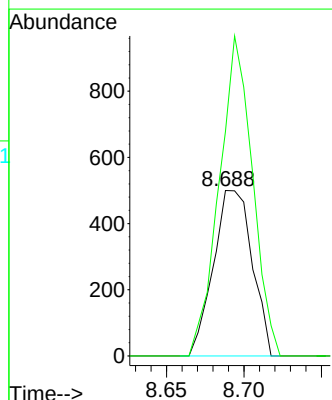
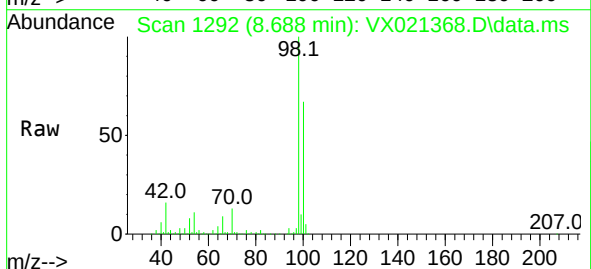
Instrument :
MSVOA_X
ClientSampled :

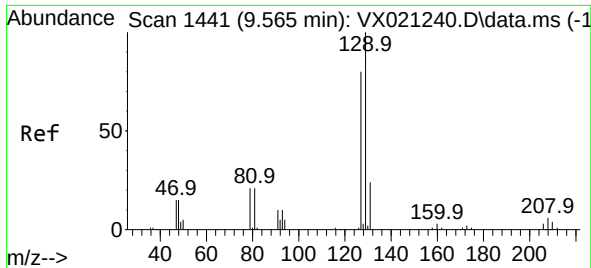
Tgt Ion: 98 Resp: 148537
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.64 ug/l
RT: 8.688 min Scan# 1292
Delta R.T. 0.070 min
Lab File: VX021368.D
Acq: 22 Mar 2021 19:01

Tgt Ion: 43 Resp: 868
Ion Ratio Lower Upper
43 100
58 166.4 35.4 53.0#

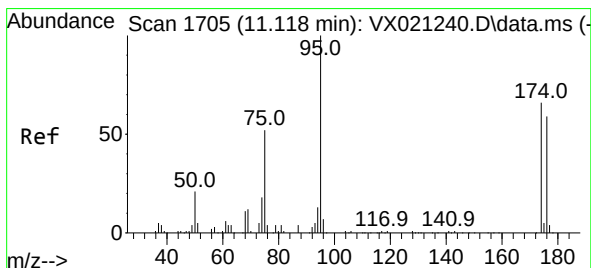
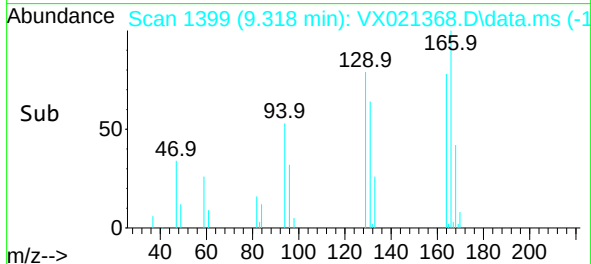
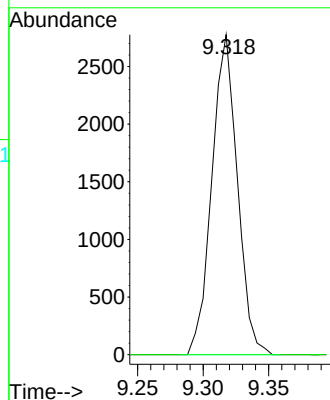
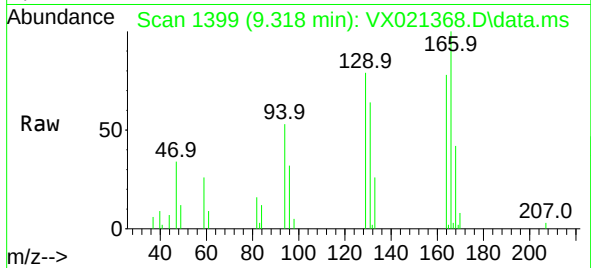




#60
Dibromochloromethane
Concen: 3.86 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021368.D
Acq: 22 Mar 2021 19:01

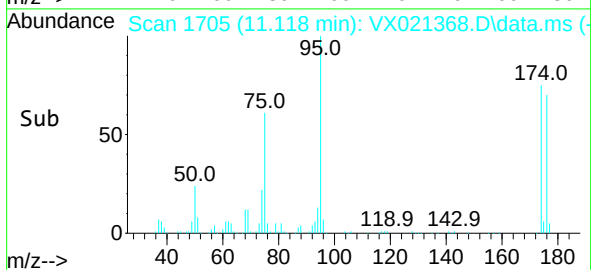
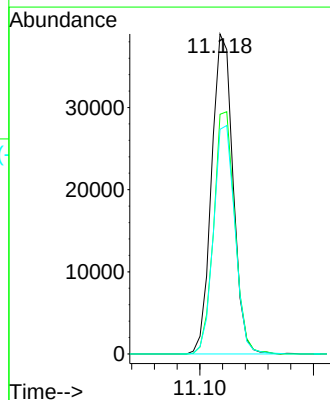
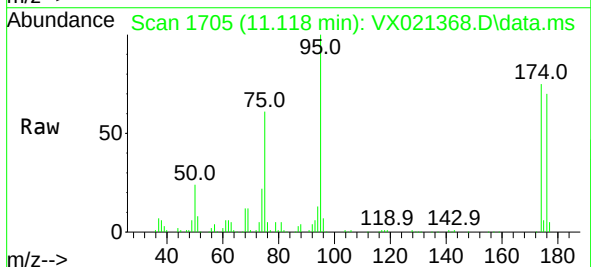
Instrument :
MSVOA_X
ClientSampled :

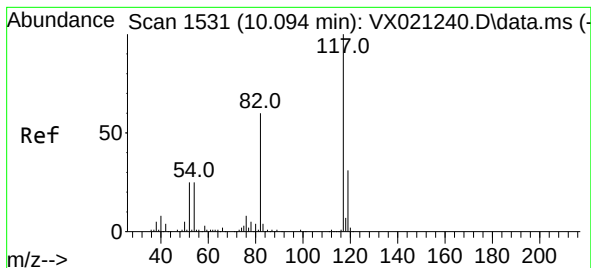
Tgt Ion:129 Resp: 3756
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 43.81 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021368.D
Acq: 22 Mar 2021 19:01

Tgt Ion: 95 Resp: 51049
Ion Ratio Lower Upper
95 100
174 74.7 0.0 154.6
176 71.4 0.0 155.8

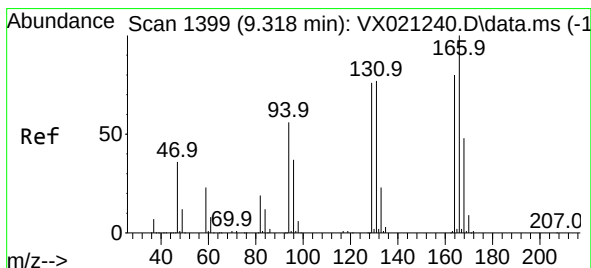
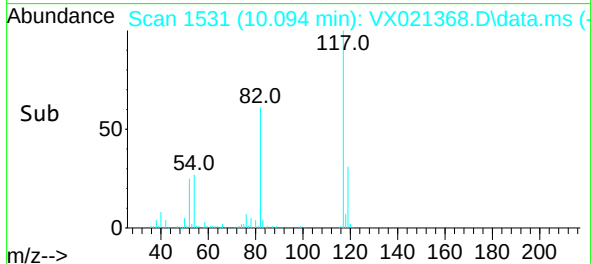
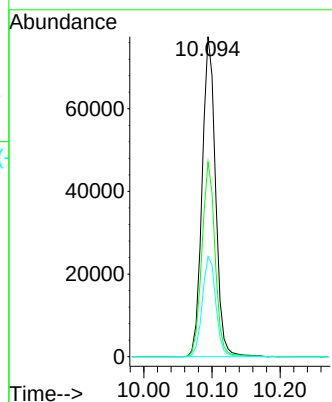
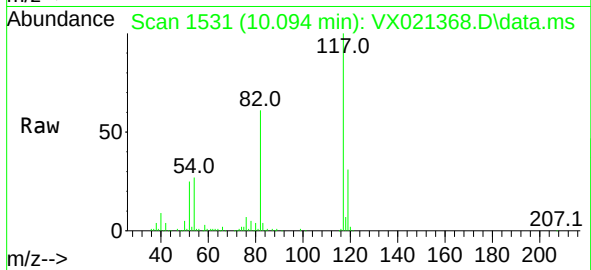




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021368.D
Acq: 22 Mar 2021 19:01

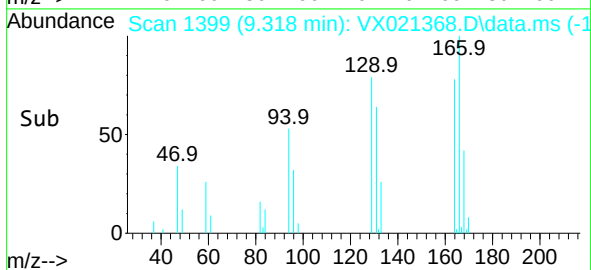
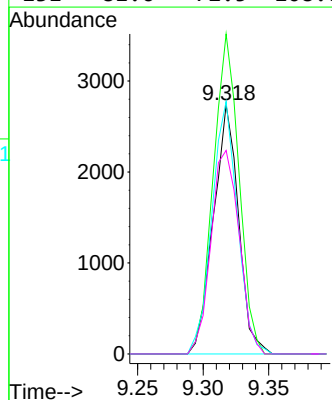
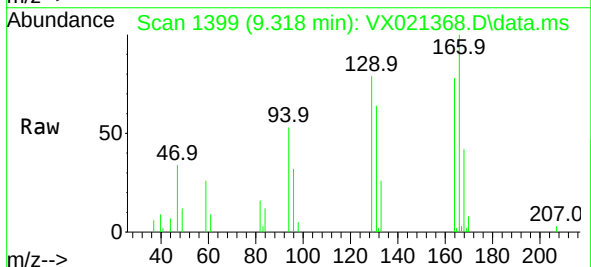
Instrument :
MSVOA_X
ClientSampled :

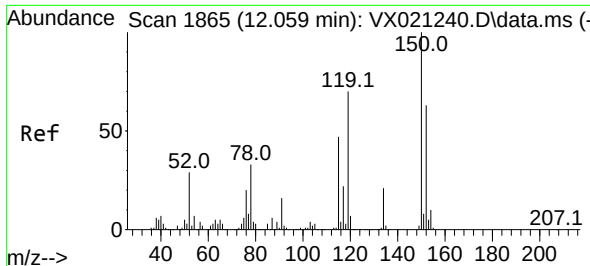
Tgt Ion:117 Resp: 105680
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 31.3 26.6 39.8



#64
Tetrachloroethene
Concen: 4.62 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021368.D
Acq: 22 Mar 2021 19:01

Tgt Ion:164 Resp: 3650
Ion Ratio Lower Upper
164 100
166 128.3 103.4 155.2
129 101.3 70.8 106.2
131 81.6 72.5 108.7

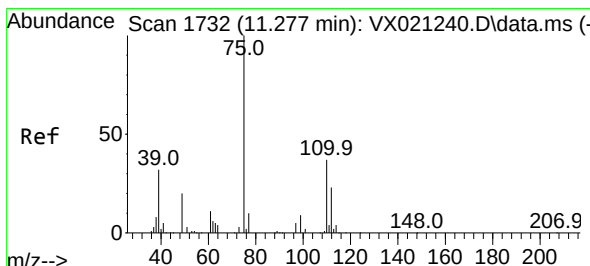
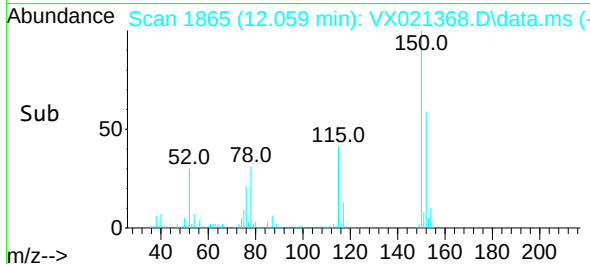
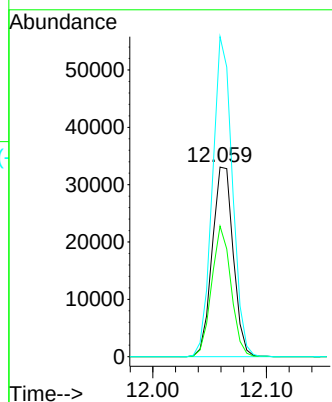
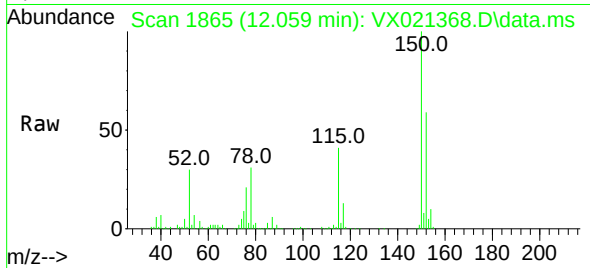




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021368.D
Acq: 22 Mar 2021 19:01

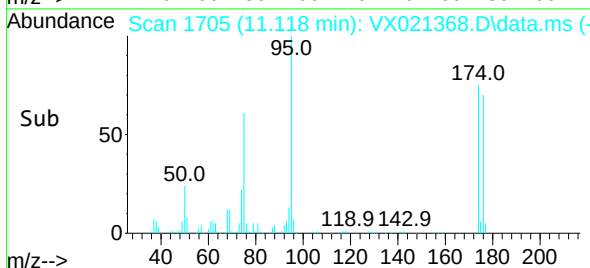
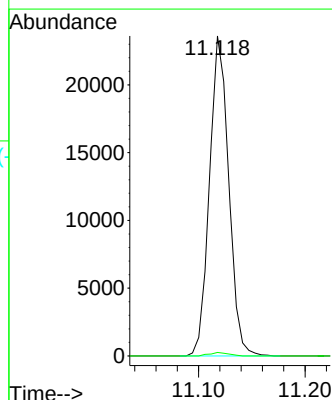
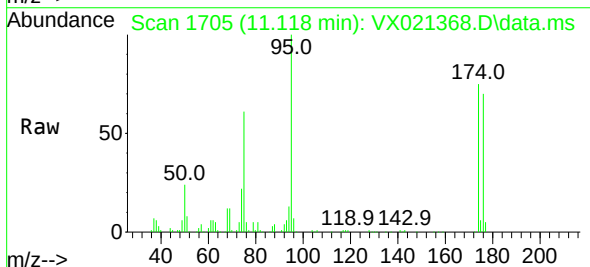
Instrument :
MSVOA_X
ClientSampled :

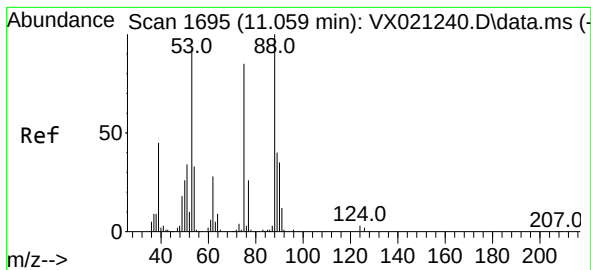
Tgt Ion:152 Resp: 42564
Ion Ratio Lower Upper
152 100
115 63.4 41.1 123.3
150 160.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.98 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021368.D
Acq: 22 Mar 2021 19:01

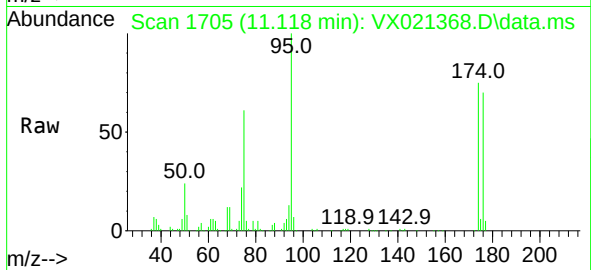
Tgt Ion: 75 Resp: 29603
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.40 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021368.D
 Acq: 22 Mar 2021 19:01

Instrument :
 MSVOA_X
 ClientSampleId :



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

