

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021205.D
 Acq On : 15 Mar 2021 17:21
 Operator : JC/MD
 Sample : M1596-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 03:03:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

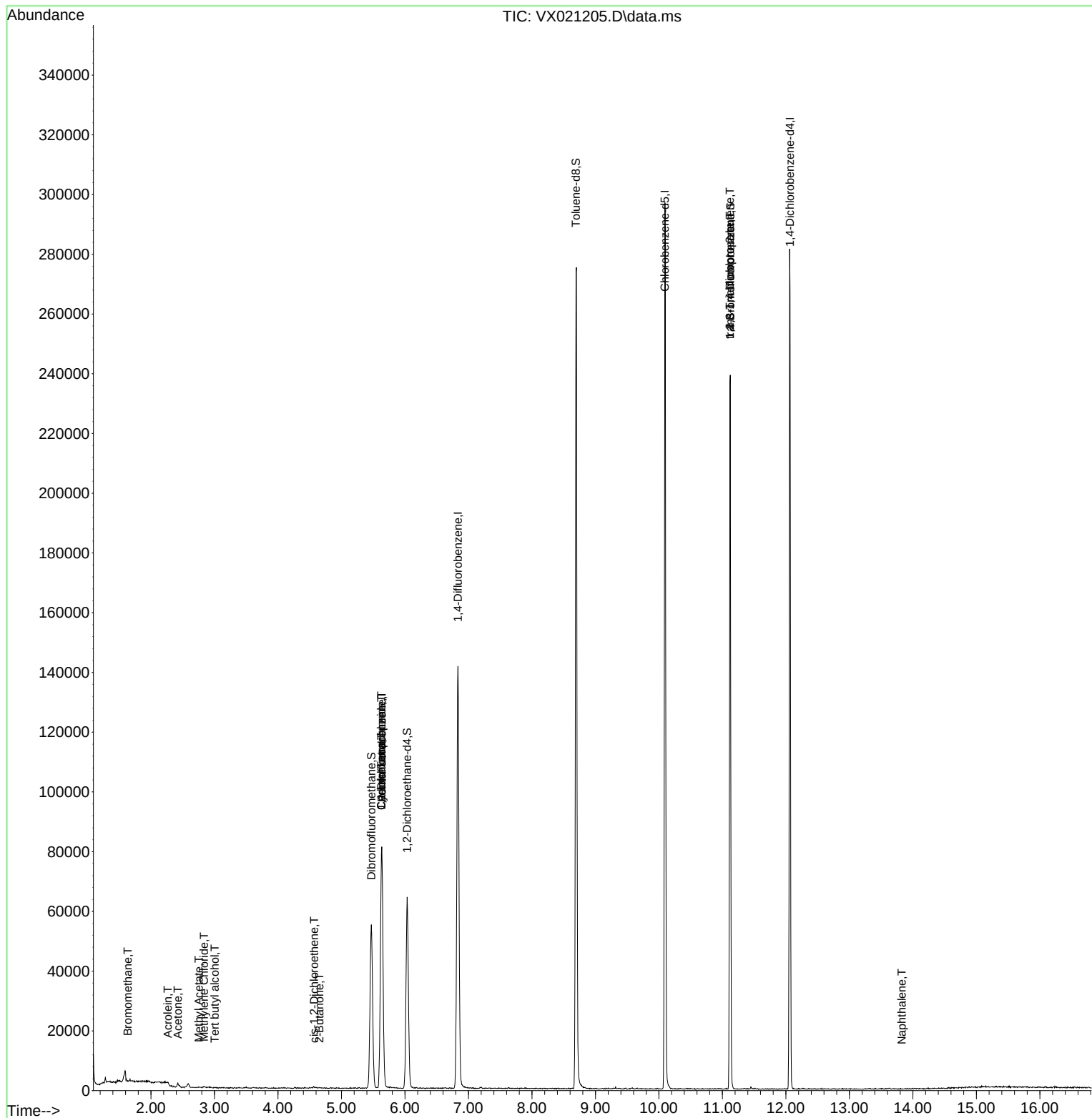
Internal Standards						
1) Pentafluorobenzene	5.635	168	69565	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.835	114	131685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	122521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	51791	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	61780	52.08	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.16%
35) Dibromofluoromethane	5.470	113	45162	49.85	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.70%
50) Toluene-d8	8.694	98	161395	49.59	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.18%
62) 4-Bromofluorobenzene	11.124	95	63000	50.80	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.60%
Target Compounds						
					Qvalue	
5) Bromomethane	1.634	94	274	0.54	ug/l	82
11) Tert butyl alcohol	3.005	59	131	0.63	ug/l #	73
13) Acrolein	2.264	56	48	0.38	ug/l #	1
16) Acetone	2.423	43	1389	2.91	ug/l #	82
18) Methyl Acetate	2.752	43	467	0.40	ug/l #	47
20) Methylene Chloride	2.834	84	204	0.23	ug/l #	64
25) 2-Butanone	4.652	43	205	0.30	ug/l #	45
27) cis-1,2-Dichloroethene	4.570	96	253	0.27	ug/l	85
31) Cyclohexane	5.629	56	2135	1.42	ug/l #	20
36) 1,1-Dichloropropene	5.629	75	6707	4.86	ug/l #	49
38) Carbon Tetrachloride	5.629	117	7712	5.09	ug/l #	16
76) 1,2,3-Trichloropropane	11.118	75	36335	28.29	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	36335	80.30	ug/l #	12
95) Naphthalene	13.824	128	19	1.47	ug/l #	69

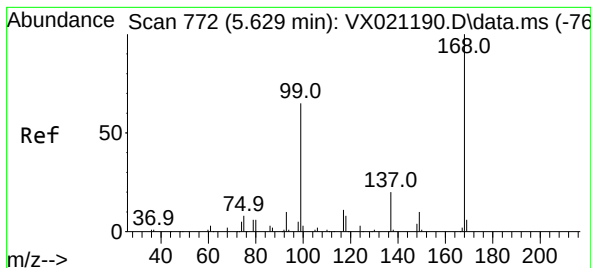
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Mar 15 11:55:59 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.635 min Scan# 773

Delta R.T. 0.012 min

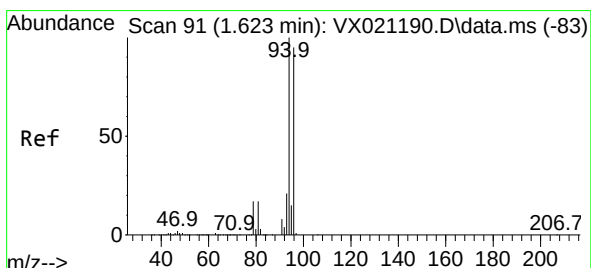
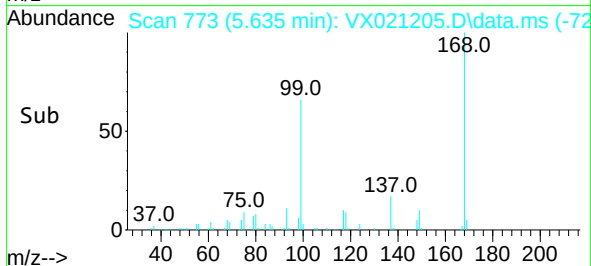
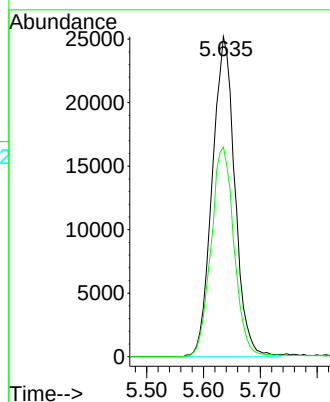
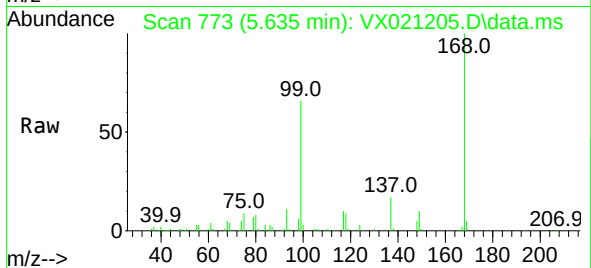
Lab File: VX021205.D

Acq: 15 Mar 2021 17:21

Tgt Ion:168 Resp: 69565

Ion Ratio Lower Upper

168	100		
99	65.5	45.8	68.6



#5

Bromomethane

Concen: 0.54 ug/l

RT: 1.634 min Scan# 93

Delta R.T. 0.011 min

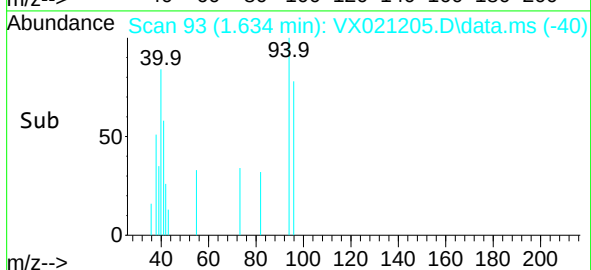
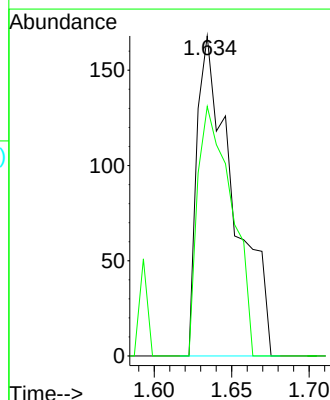
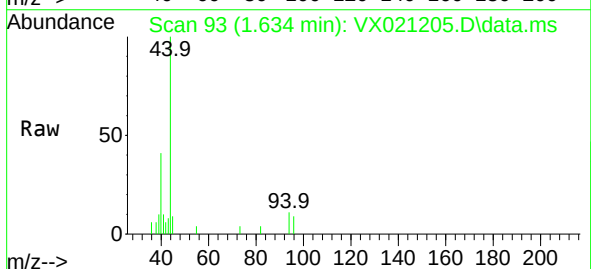
Lab File: VX021205.D

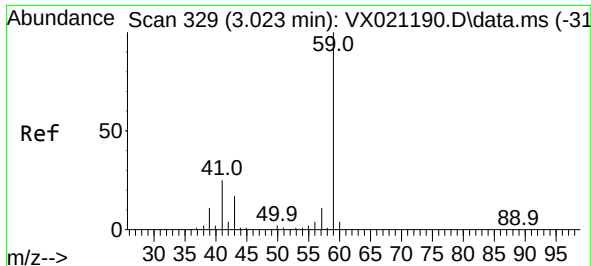
Acq: 15 Mar 2021 17:21

Tgt Ion: 94 Resp: 274

Ion Ratio Lower Upper

94	100		
96	78.0	76.4	114.6



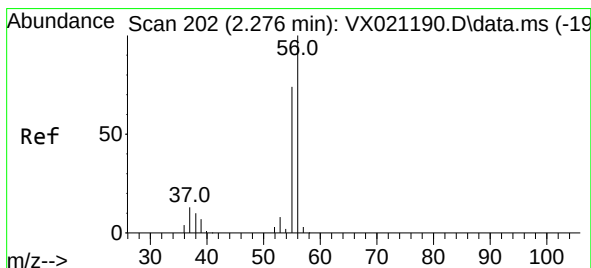
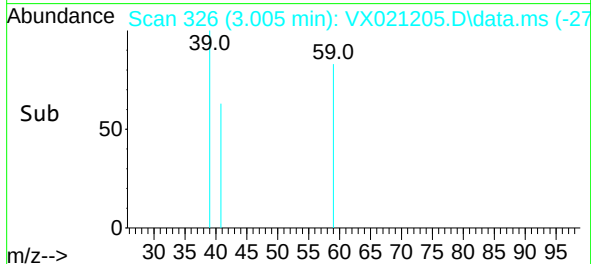
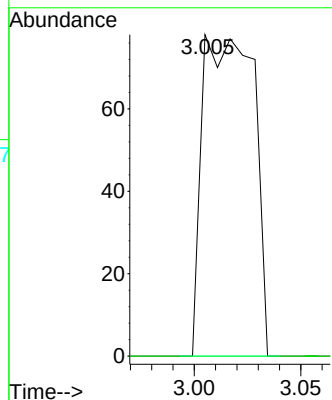
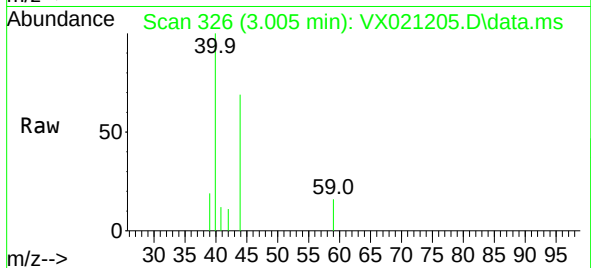


#11

Tert butyl alcohol
Concen: 0.63 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX021205.D
Acq: 15 Mar 2021 17:21

Instrument :
MSVOA_X
ClientSampled :

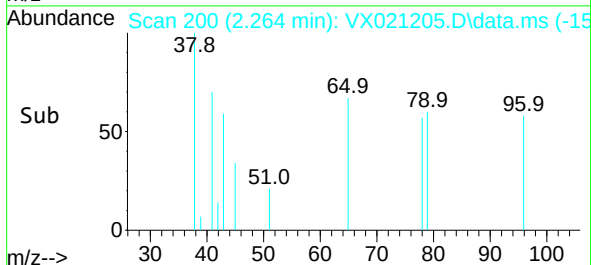
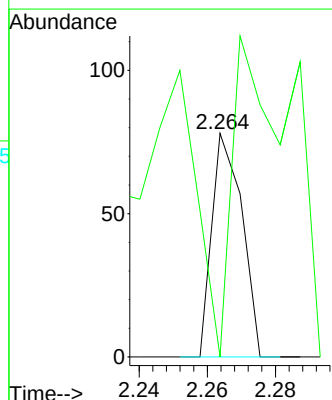
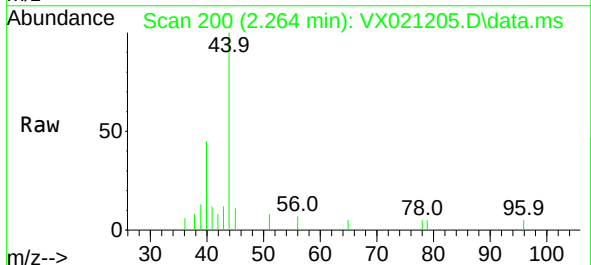
Tgt Ion: 59 Resp: 131
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

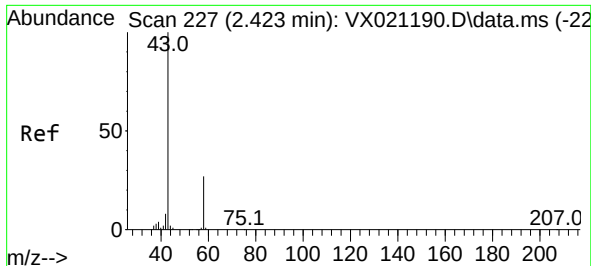


#13

Acrolein
Concen: 0.38 ug/l
RT: 2.264 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX021205.D
Acq: 15 Mar 2021 17:21

Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 277.1 56.4 84.6#

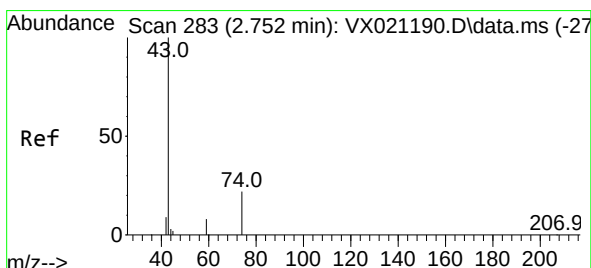
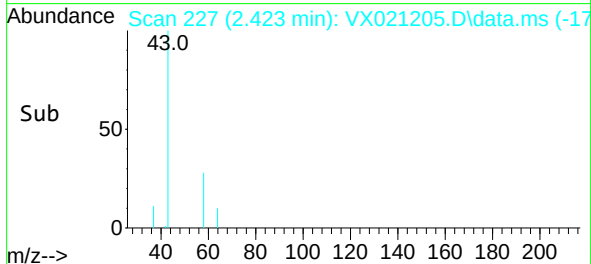
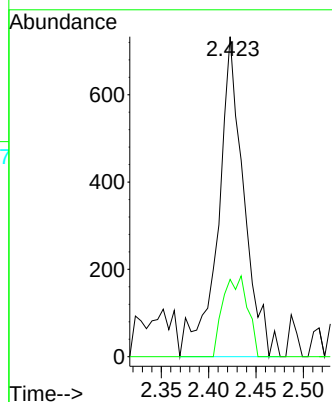
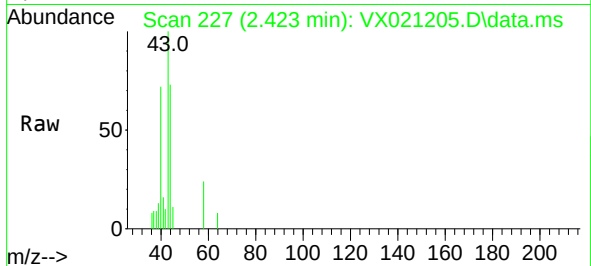




#16
Acetone
Concen: 2.91 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021205.D
Acq: 15 Mar 2021 17:21

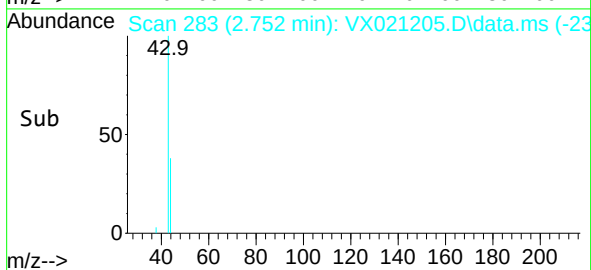
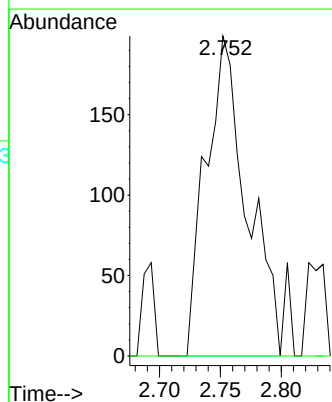
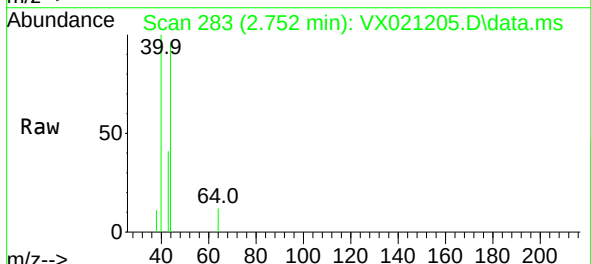
Instrument :
MSVOA_X
ClientSampleId :

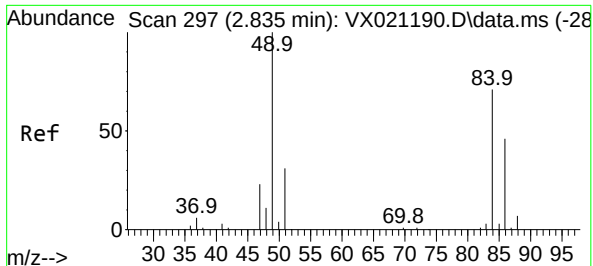
Tgt Ion: 43 Resp: 1389
Ion Ratio Lower Upper
43 100
58 24.1 27.8 41.8#



#18
Methyl Acetate
Concen: 0.40 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021205.D
Acq: 15 Mar 2021 17:21

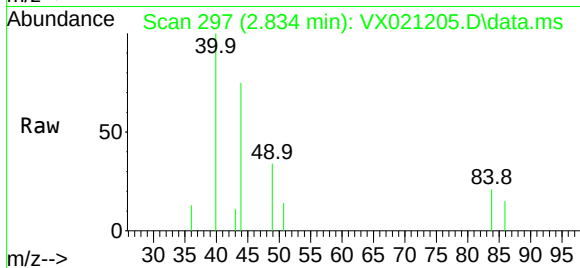
Tgt Ion: 43 Resp: 467
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





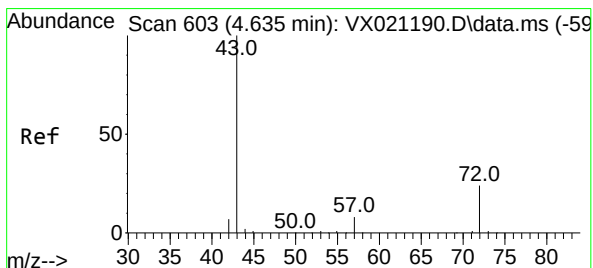
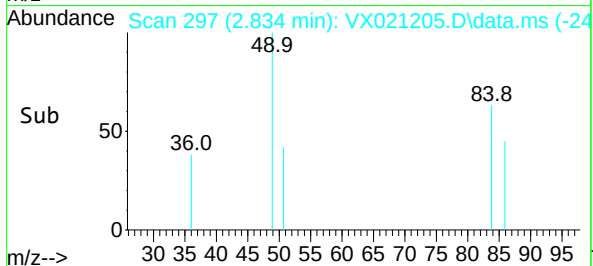
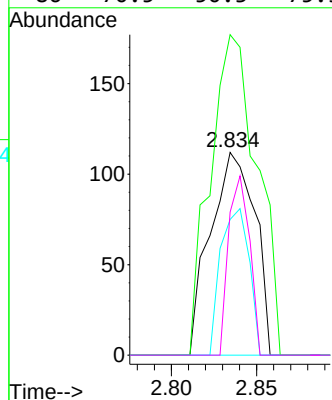
#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021205.D
Acq: 15 Mar 2021 17:21

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 84 Resp: 204

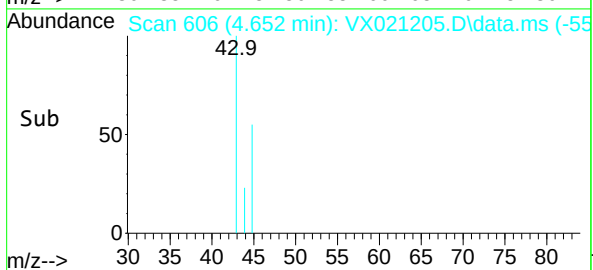
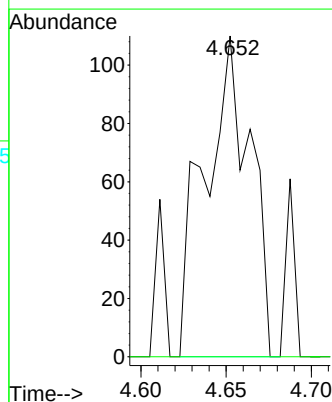
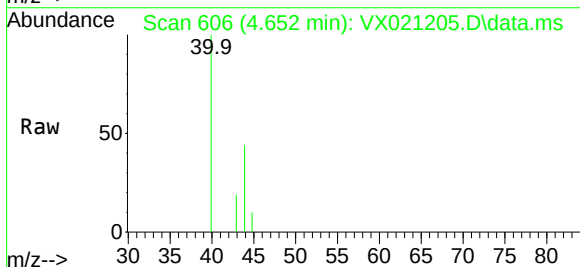
Ion	Ratio	Lower	Upper
84	100		
49	158.0	88.6	132.8#
51	67.0	27.0	40.6#
86	70.5	50.3	75.5

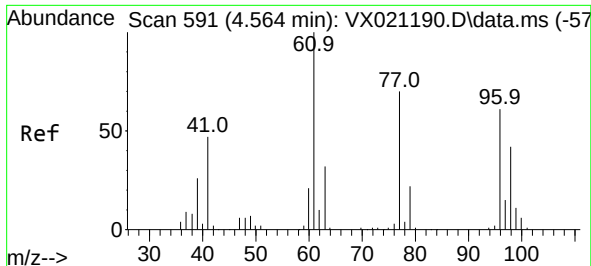


#25
2-Butanone
Concen: 0.30 ug/l
RT: 4.652 min Scan# 606
Delta R.T. 0.018 min
Lab File: VX021205.D
Acq: 15 Mar 2021 17:21

Tgt Ion: 43 Resp: 205

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#27

cis-1,2-Dichloroethene

Concen: 0.27 ug/l

RT: 4.570 min Scan# 592

Delta R.T. 0.006 min

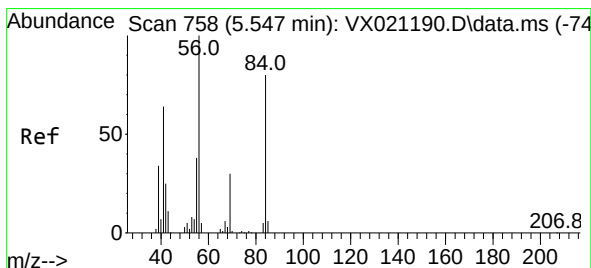
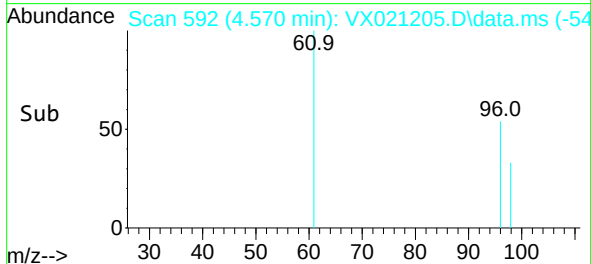
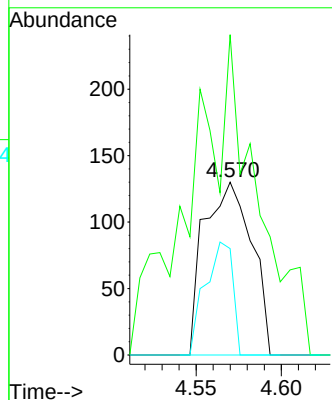
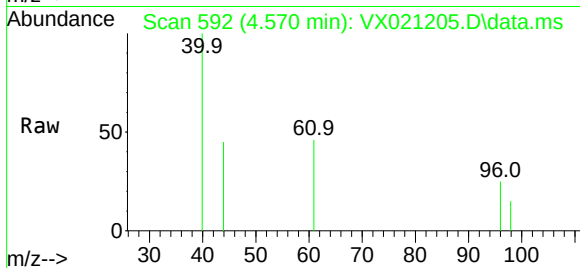
Lab File: VX021205.D

Acq: 15 Mar 2021 17:21

Tgt Ion: 96 Resp: 253

Ion	Ratio	Lower	Upper
96	100		
61	134.4	0.0	285.6
98	37.5	0.0	129.6

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.42 ug/l

RT: 5.629 min Scan# 772

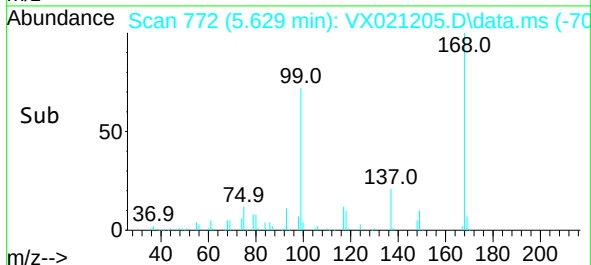
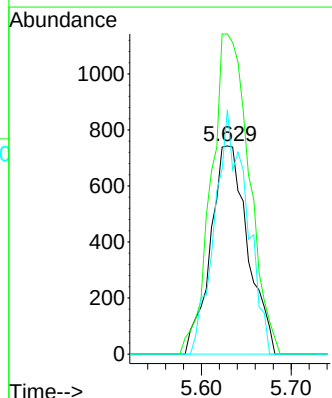
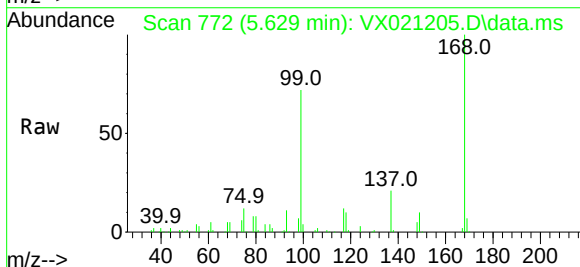
Delta R.T. 0.082 min

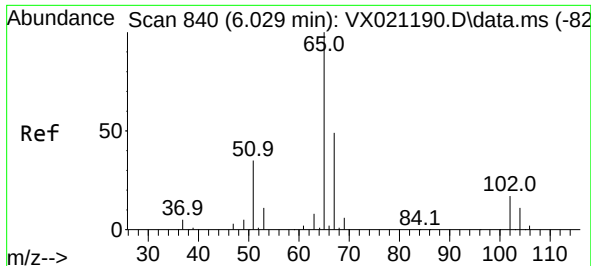
Lab File: VX021205.D

Acq: 15 Mar 2021 17:21

Tgt Ion: 56 Resp: 2135

Ion	Ratio	Lower	Upper
56	100		
69	153.8	25.3	37.9#
84	117.4	71.4	107.0#

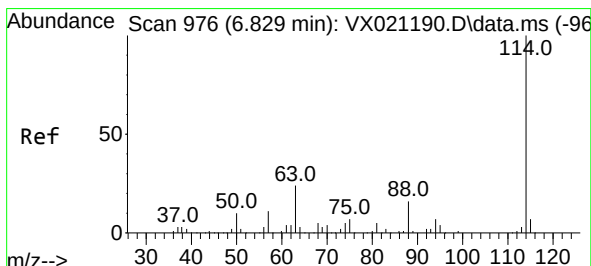
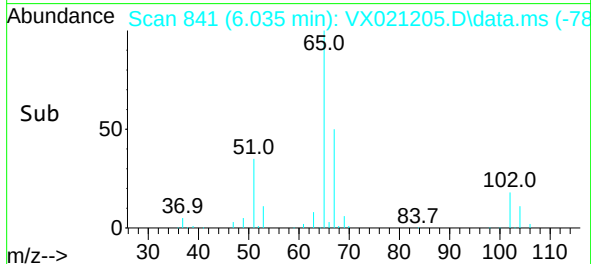
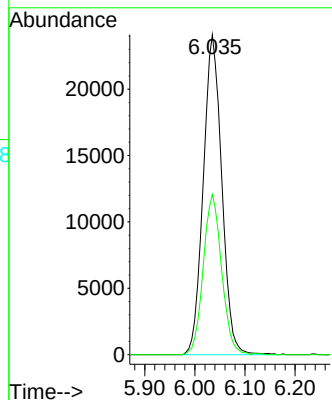
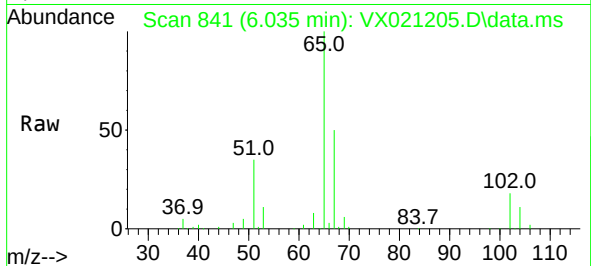




#33
1,2-Dichloroethane-d4
Concen: 52.08 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021205.D
Acq: 15 Mar 2021 17:21

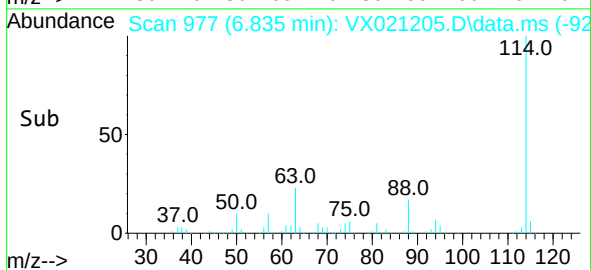
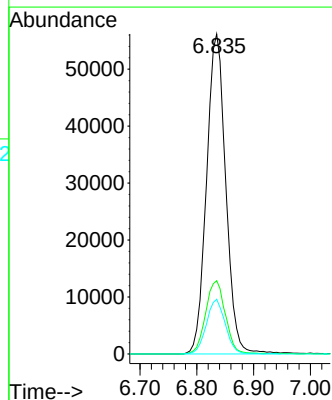
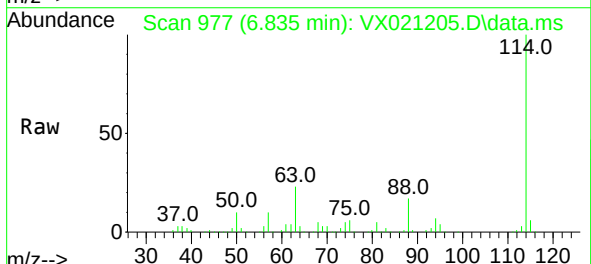
Instrument :
MSVOA_X
ClientSampled :

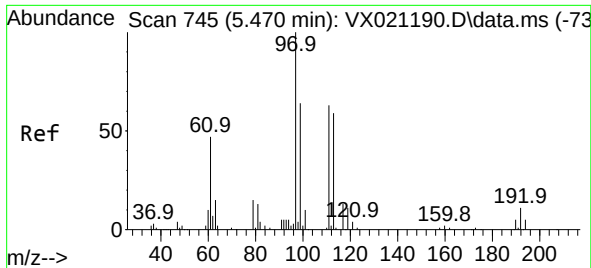
Tgt Ion: 65 Resp: 61780
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021205.D
Acq: 15 Mar 2021 17:21

Tgt Ion: 114 Resp: 131685
Ion Ratio Lower Upper
114 100
63 22.9 0.0 40.8
88 17.1 0.0 32.8

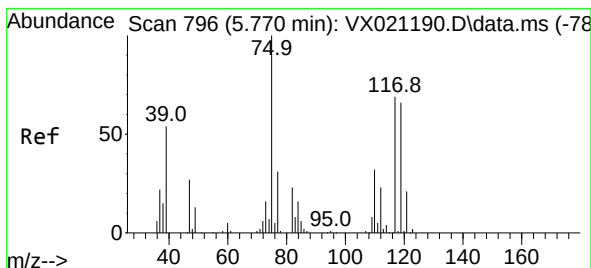
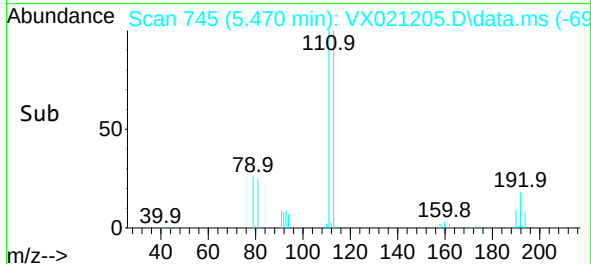
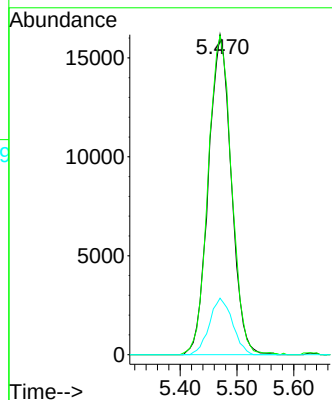
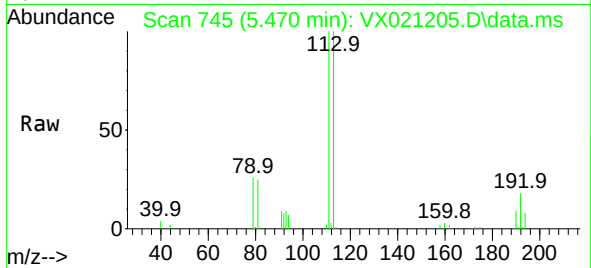




#35
Dibromofluoromethane
Concen: 49.85 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021205.D
Acq: 15 Mar 2021 17:21

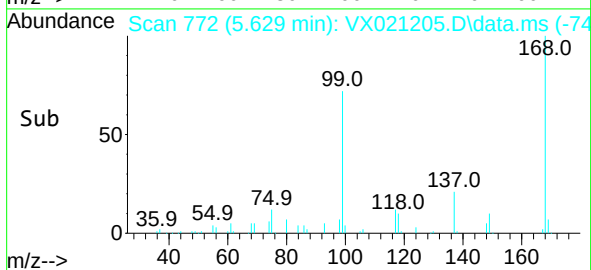
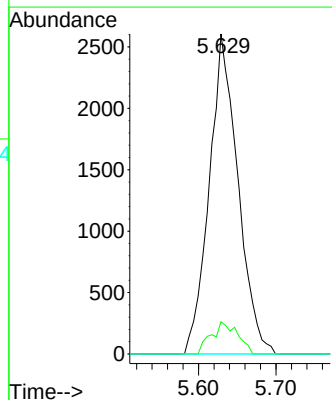
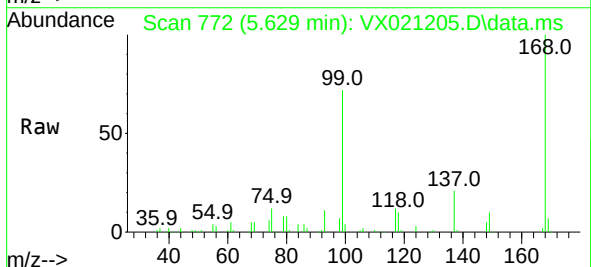
Instrument :
MSVOA_X
ClientSampled :

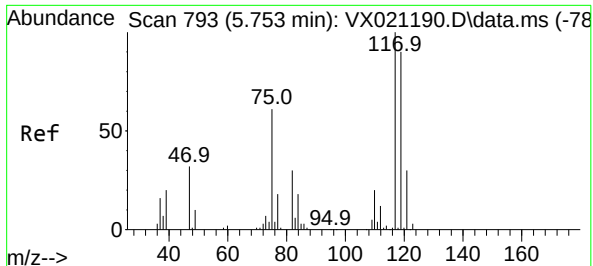
Tgt Ion:113 Resp: 45162
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 17.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.86 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021205.D
Acq: 15 Mar 2021 17:21

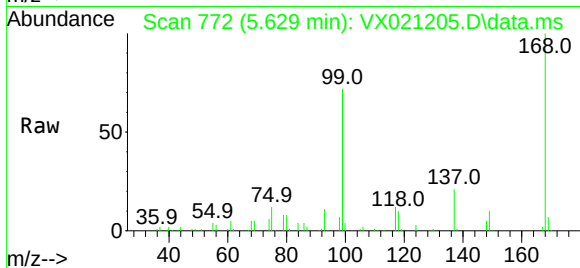
Tgt Ion: 75 Resp: 6707
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



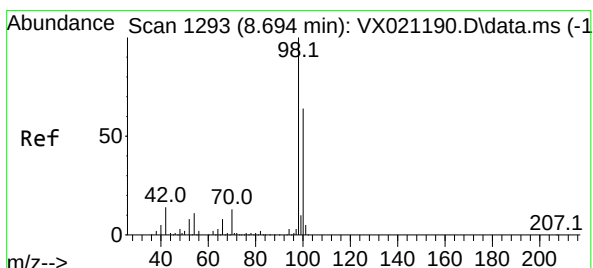
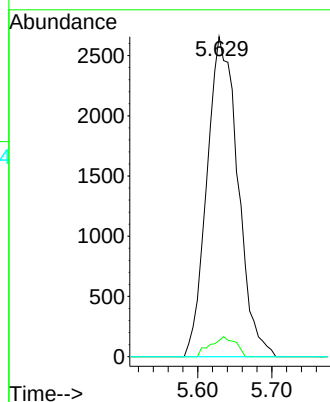
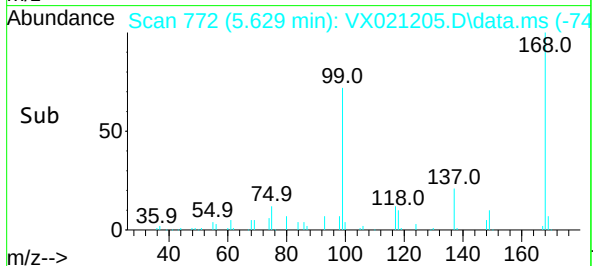


#38
Carbon Tetrachloride
Concen: 5.09 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021205.D
Acq: 15 Mar 2021 17:21

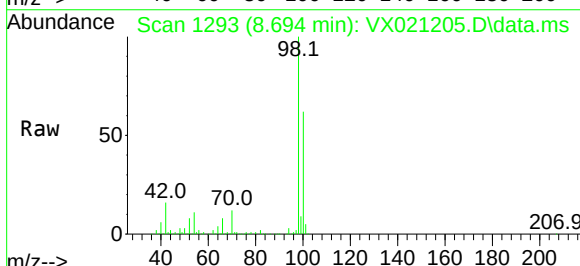
Instrument :
MSVOA_X
ClientSampled :



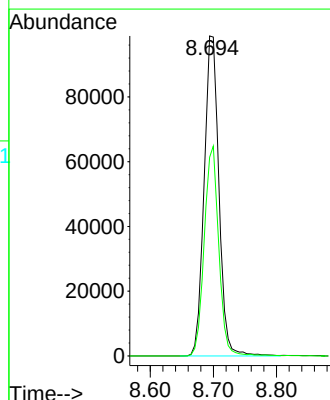
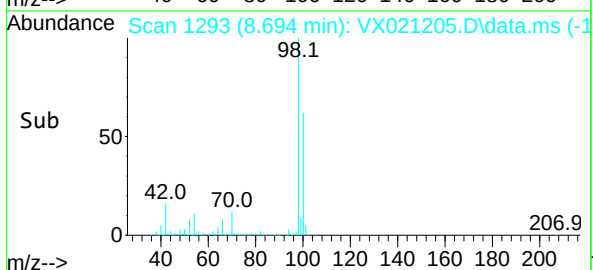
Tgt Ion:117 Resp: 7712
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#

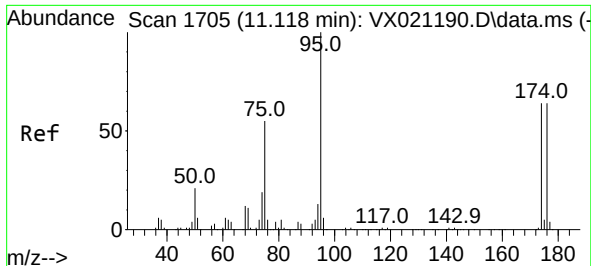


#50
Toluene-d8
Concen: 49.59 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021205.D
Acq: 15 Mar 2021 17:21



Tgt Ion: 98 Resp: 161395
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

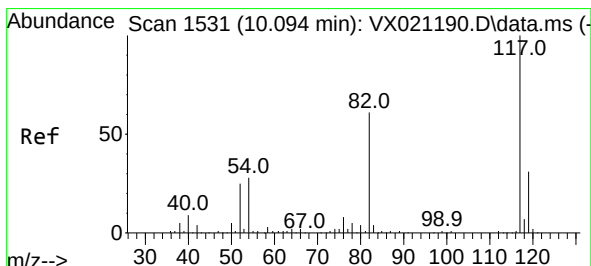
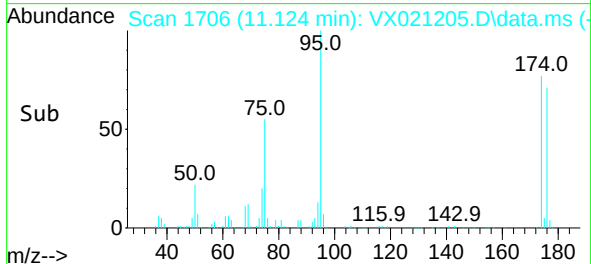
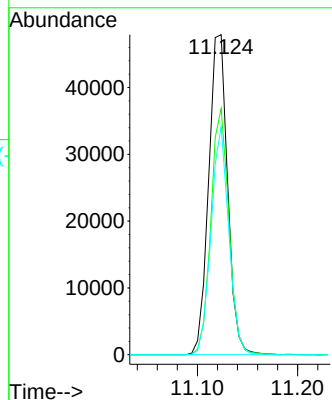
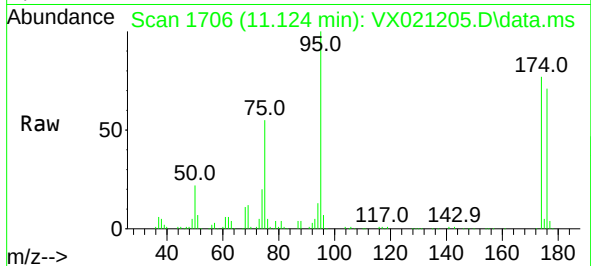




#62
4-Bromofluorobenzene
Concen: 50.80 ug/l
RT: 11.124 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VX021205.D
Acq: 15 Mar 2021 17:21

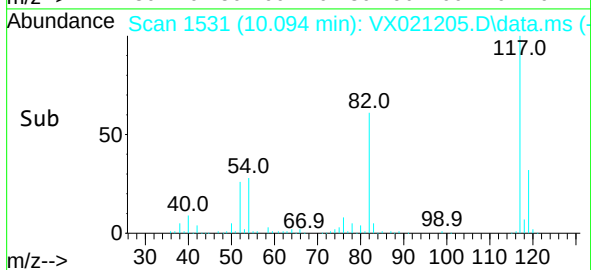
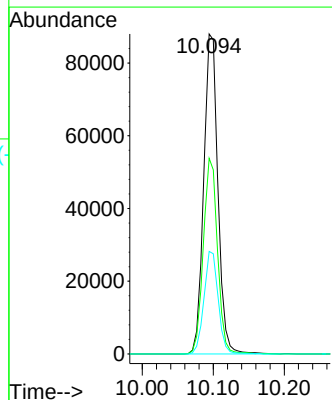
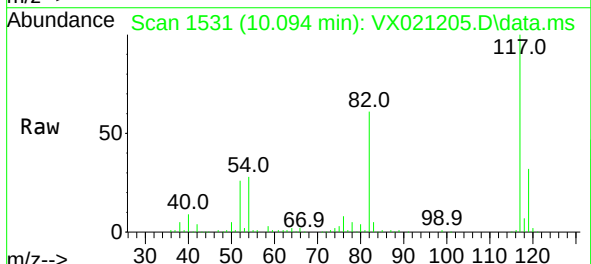
Instrument :
MSVOA_X
ClientSampled :

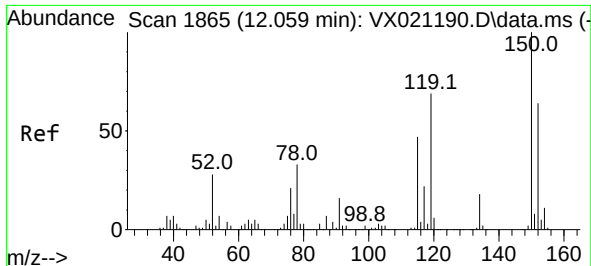
Tgt Ion: 95 Resp: 63000
Ion Ratio Lower Upper
95 100
174 73.1 0.0 154.6
176 66.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021205.D
Acq: 15 Mar 2021 17:21

Tgt Ion: 117 Resp: 122521
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.2
119 32.1 26.6 39.8

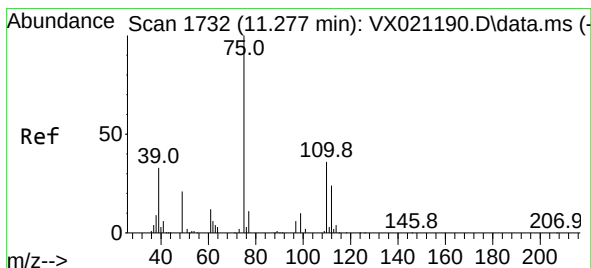
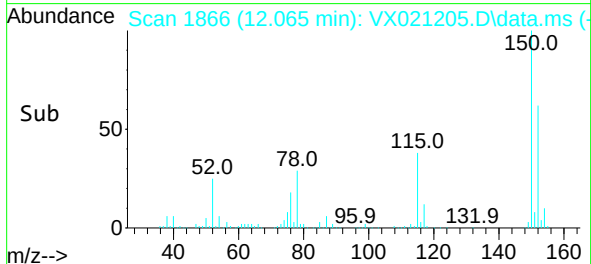
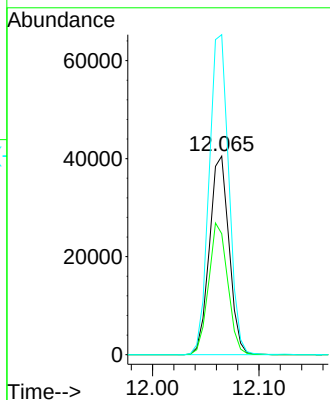
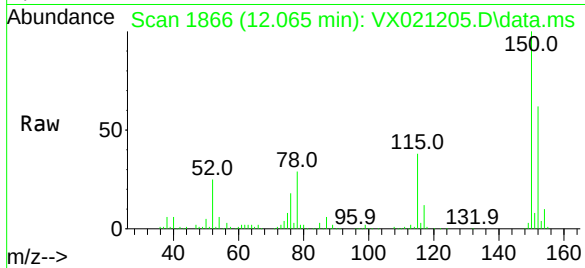




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VX021205.D
Acq: 15 Mar 2021 17:21

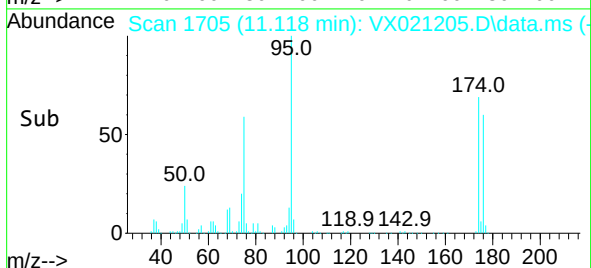
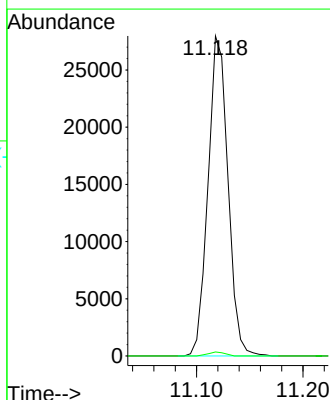
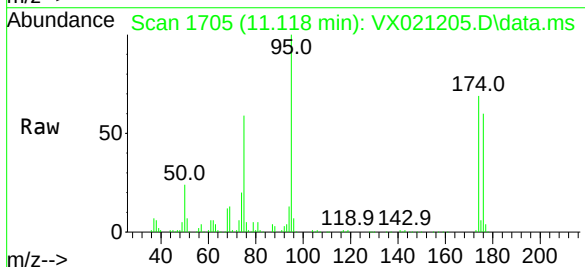
Instrument :
MSVOA_X
ClientSampled :

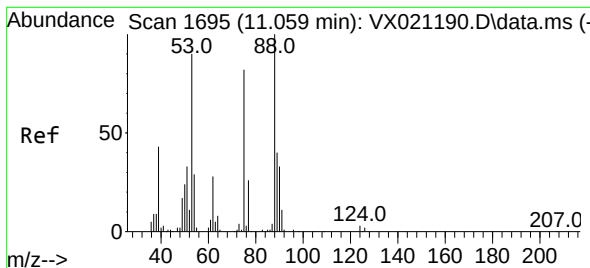
Tgt Ion:152 Resp: 51791
Ion Ratio Lower Upper
152 100
115 64.6 41.1 123.3
150 161.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.29 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021205.D
Acq: 15 Mar 2021 17:21

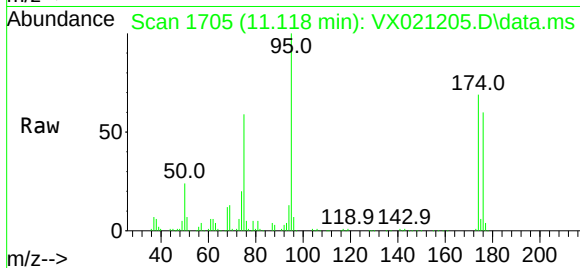
Tgt Ion: 75 Resp: 36335
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



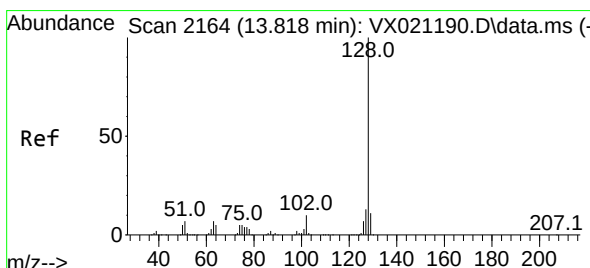
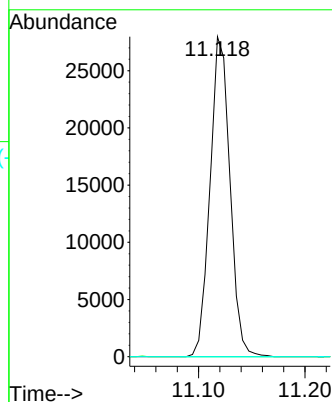
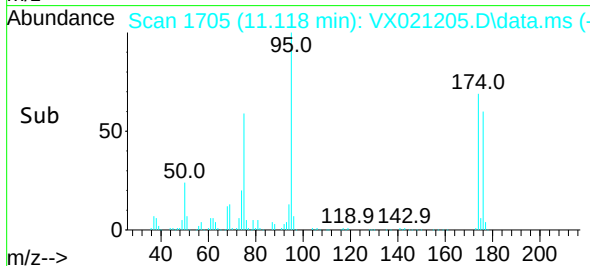


#81
trans-1,4-Dichloro-2-butene
Concen: 80.30 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021205.D
Acq: 15 Mar 2021 17:21

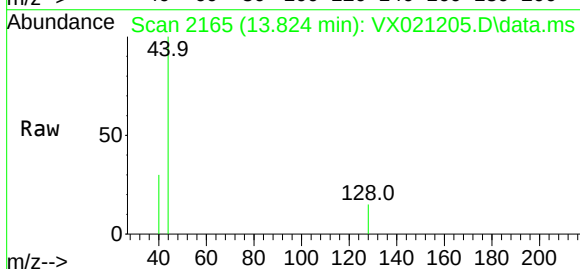
Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 75 Resp: 36335
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.47 ug/l
RT: 13.824 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VX021205.D
Acq: 15 Mar 2021 17:21



Tgt Ion: 128 Resp: 19
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

