

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122420\
 Data File : VX020396.D
 Acq On : 24 Dec 2020 18:30
 Operator : JC/MD
 Sample : L5124-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 25 01:16:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

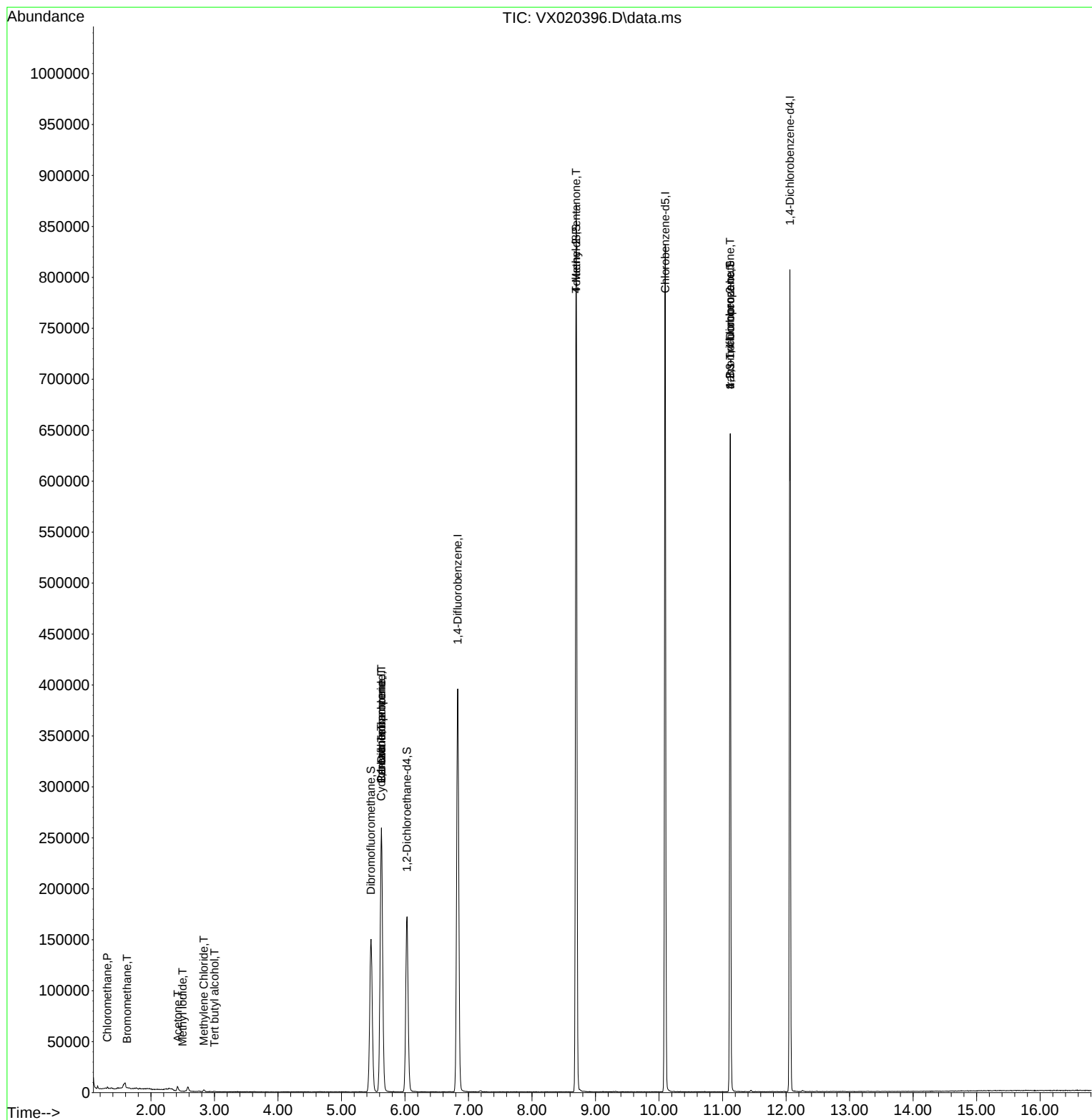
Internal Standards						
1) Pentafluorobenzene	5.629	168	242322	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	399661	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	379078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	156278	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	163547	50.35	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.70%			
35) Dibromofluoromethane	5.464	113	131420	51.40	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.80%			
50) Toluene-d8	8.696	98	510209	51.84	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.68%			
62) 4-Bromofluorobenzene	11.122	95	171994	45.66	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.32%			
Target Compounds						Qvalue
3) Chloromethane	1.313	50	1063	0.35	ug/l #	88
5) Bromomethane	1.624	94	488	0.46	ug/l	86
10) Methyl Iodide	2.495	142	19	3.29	ug/l #	42
11) Tert butyl alcohol	3.001	59	372	0.51	ug/l #	73
16) Acetone	2.422	43	4408	2.98	ug/l	98
20) Methylene Chloride	2.831	84	834	0.25	ug/l #	88
31) Cyclohexane	5.623	56	4898	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	18956	4.80	ug/l #	48
38) Carbon Tetrachloride	5.629	117	24107	6.42	ug/l #	17
51) 4-Methyl-2-Pentanone	8.696	43	2075	0.52	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	83797	21.77	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	83797	64.58	ug/l #	12

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

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Response via : Initial Calibration

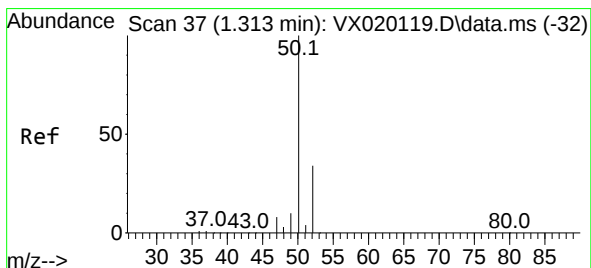
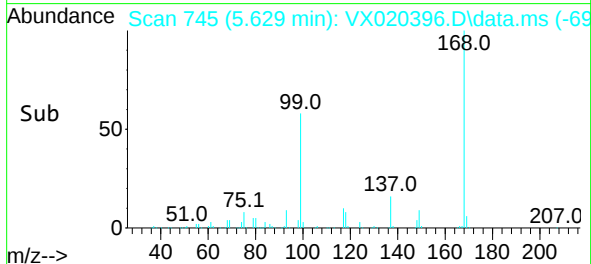
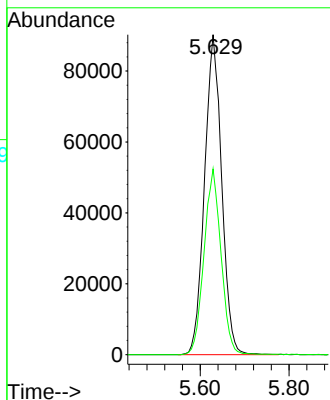
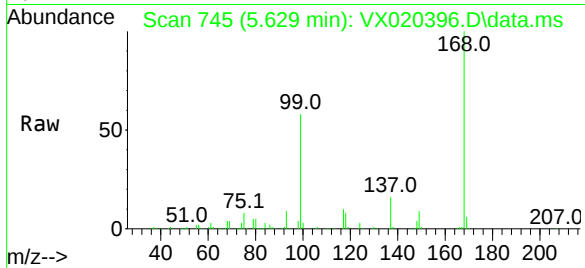




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020396.D
Acq: 24 Dec 2020 18:30

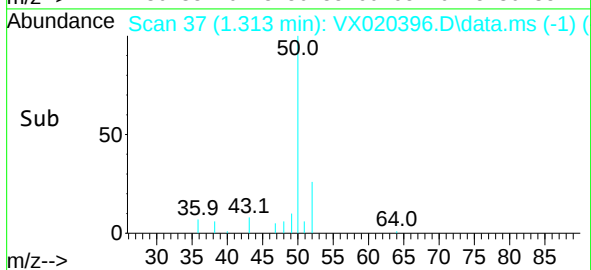
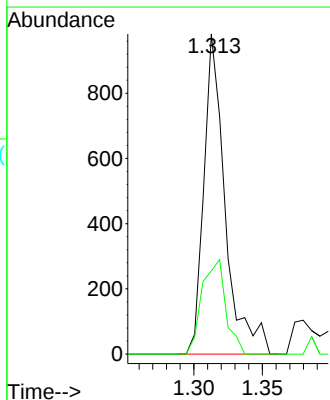
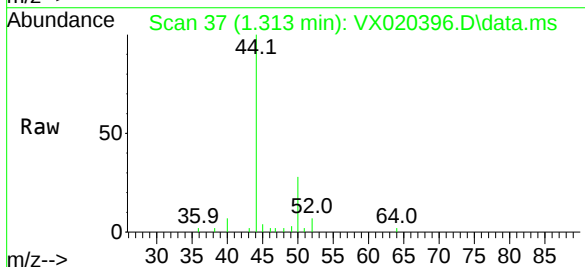
Instrument :
MSVOA_X
ClientSampleId :

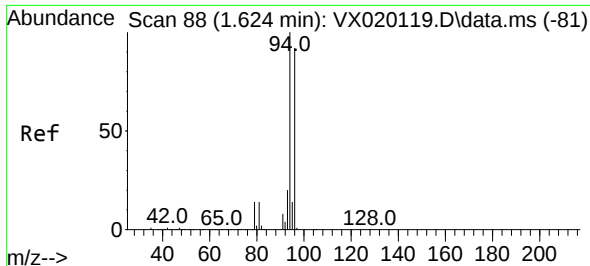
Tgt Ion:168 Resp: 242322
Ion Ratio Lower Upper
168 100
99 58.0 45.8 68.6



#3
Chloromethane
Concen: 0.35 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX020396.D
Acq: 24 Dec 2020 18:30

Tgt Ion: 50 Resp: 1063
Ion Ratio Lower Upper
50 100
52 26.0 26.4 39.6#

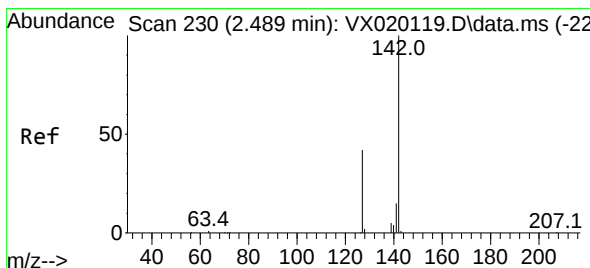
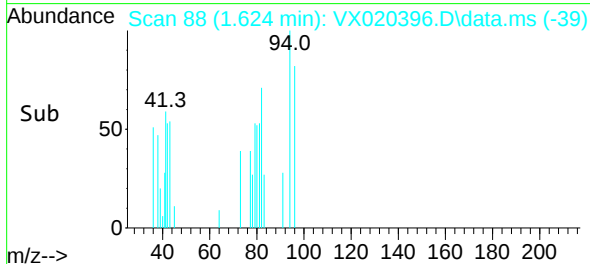
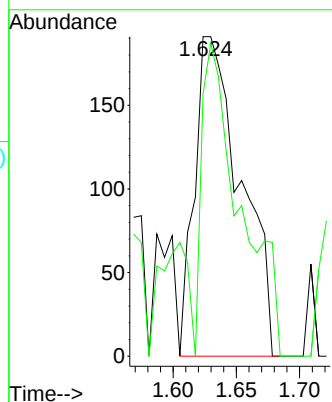
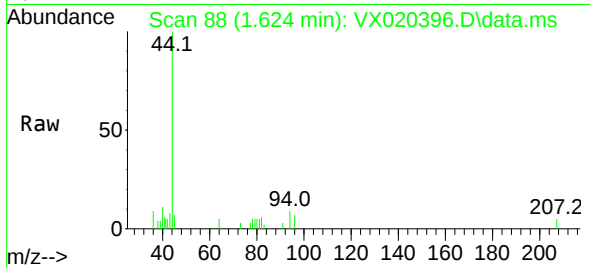




#5
Bromomethane
Concen: 0.46 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX020396.D
Acq: 24 Dec 2020 18:30

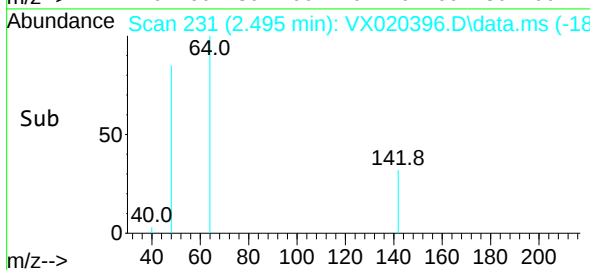
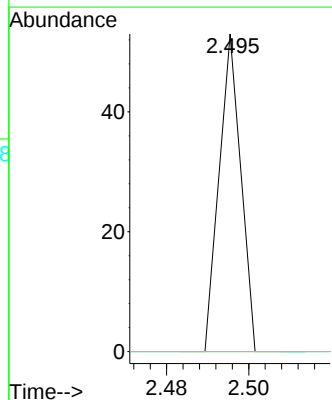
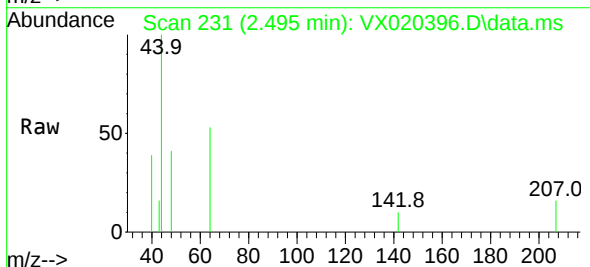
Instrument :
MSVOA_X
ClientSampled :

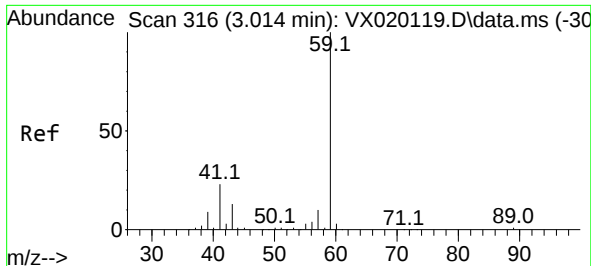
Tgt Ion: 94 Resp: 488
Ion Ratio Lower Upper
94 100
96 82.2 76.4 114.6



#10
Methyl Iodide
Concen: 3.29 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020396.D
Acq: 24 Dec 2020 18:30

Tgt Ion: 142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

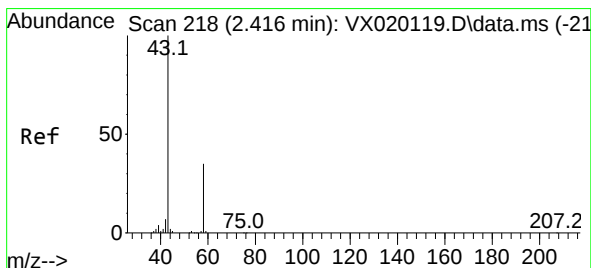
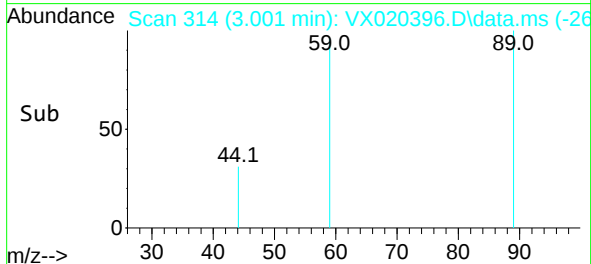
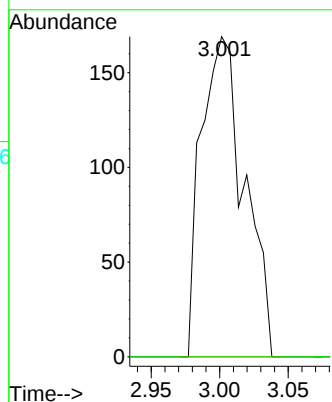
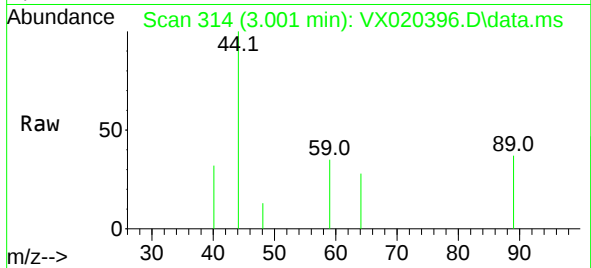




#11
Tert butyl alcohol
Concen: 0.51 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020396.D
Acq: 24 Dec 2020 18:30

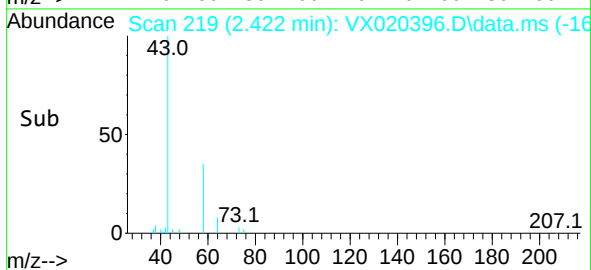
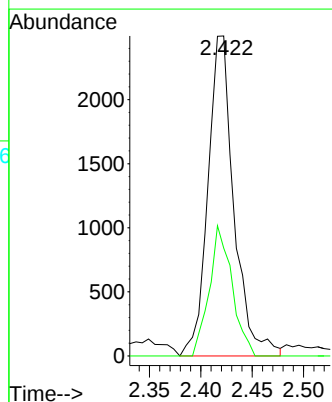
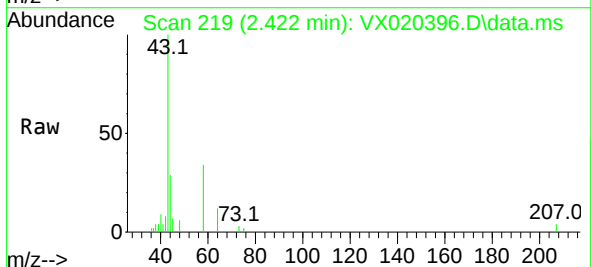
Instrument :
MSVOA_X
ClientSampled :

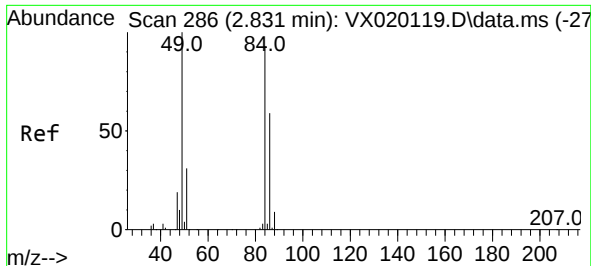
Tgt Ion: 59 Resp: 372
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 2.98 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020396.D
Acq: 24 Dec 2020 18:30

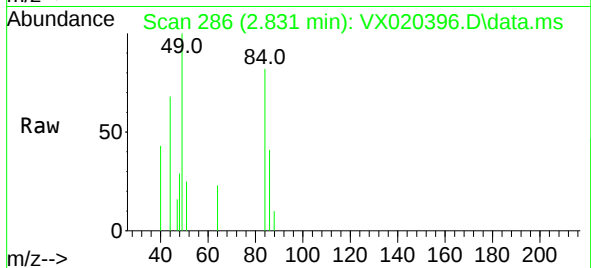
Tgt Ion: 43 Resp: 4408
Ion Ratio Lower Upper
43 100
58 33.7 27.8 41.8





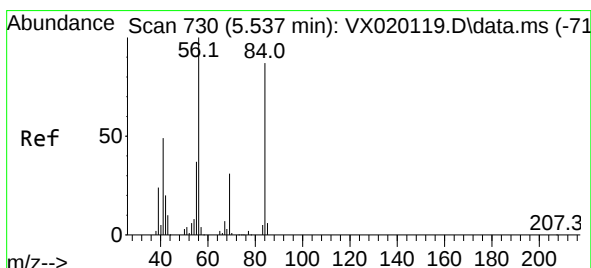
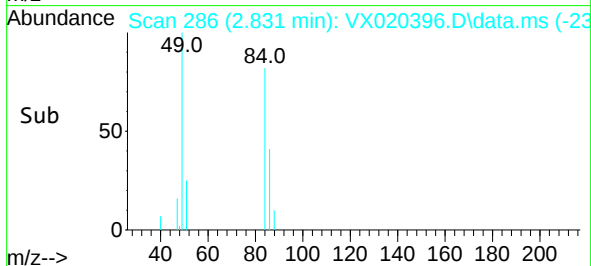
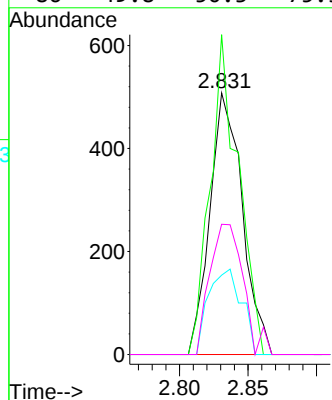
#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020396.D
Acq: 24 Dec 2020 18:30

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 84 Resp: 834

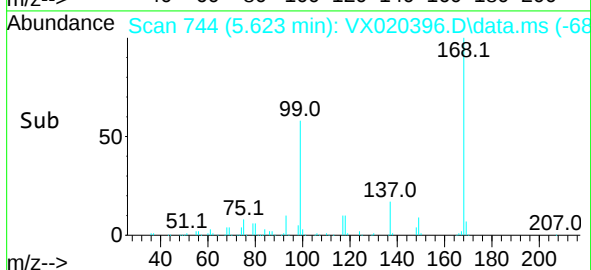
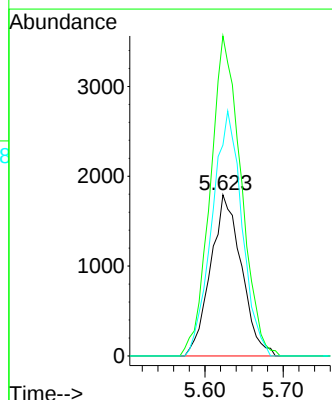
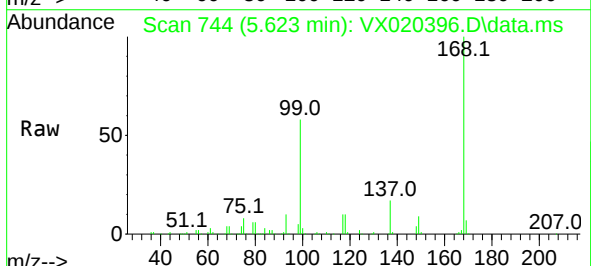
Ion	Ratio	Lower	Upper
84	100		
49	122.2	88.6	132.8
51	30.3	27.0	40.6
86	49.8	50.3	75.5#

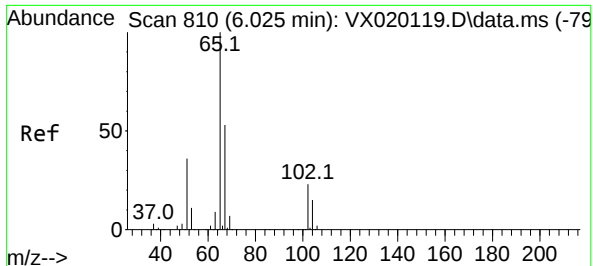


#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020396.D
Acq: 24 Dec 2020 18:30

Tgt Ion: 56 Resp: 4898

Ion	Ratio	Lower	Upper
56	100		
69	198.7	25.3	37.9#
84	130.9	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.35 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020396.D

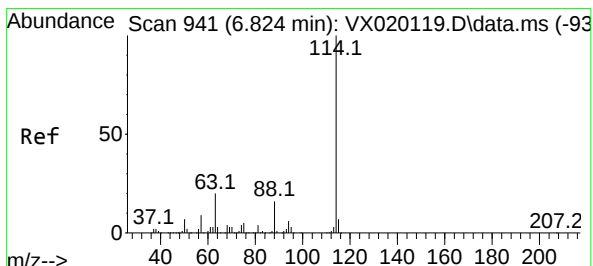
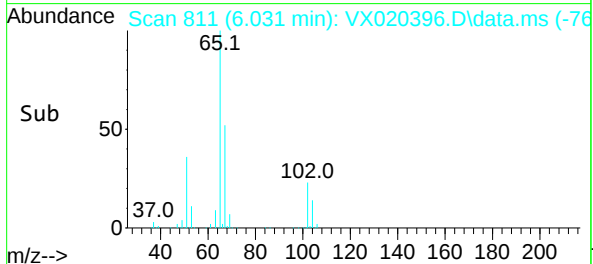
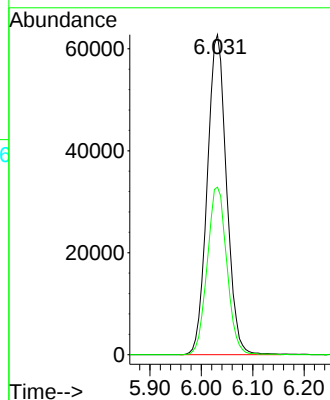
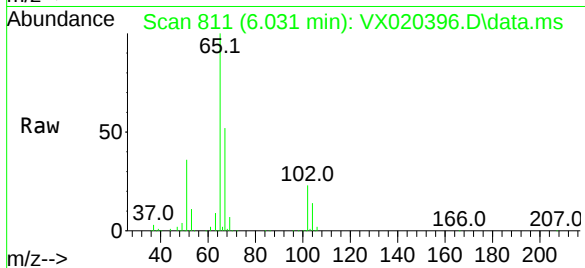
Acq: 24 Dec 2020 18:30

Tgt Ion: 65 Resp: 163547

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020396.D

Acq: 24 Dec 2020 18:30

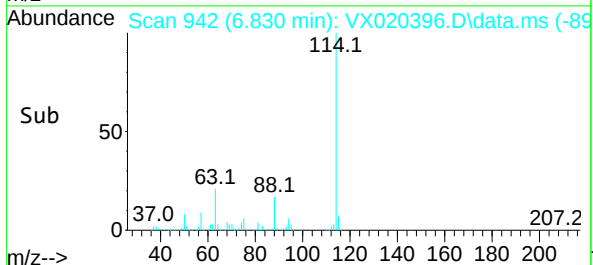
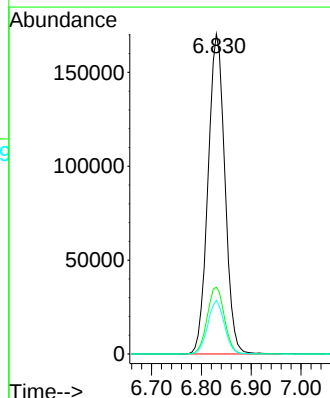
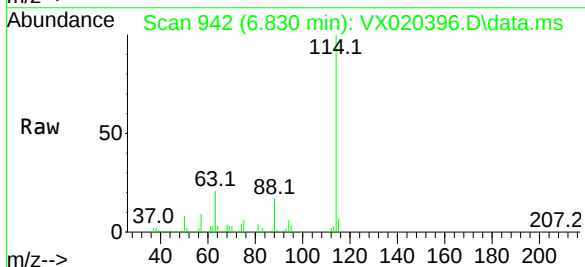
Tgt Ion: 114 Resp: 399661

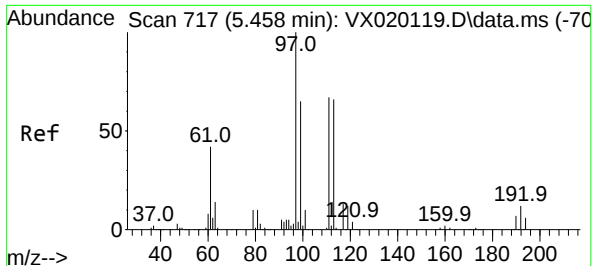
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 16.8 0.0 32.8

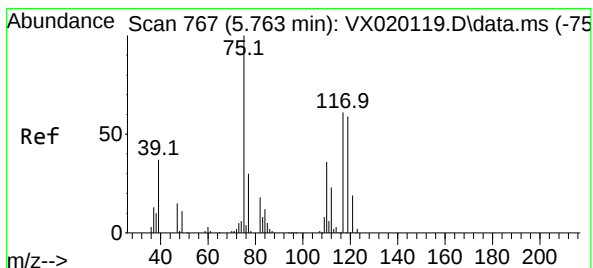
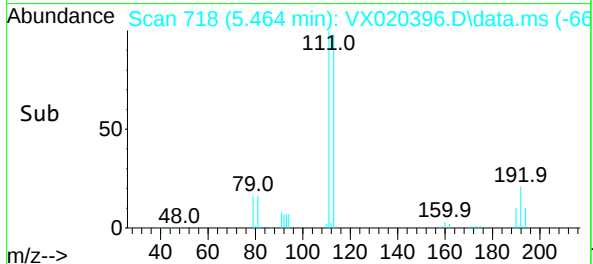
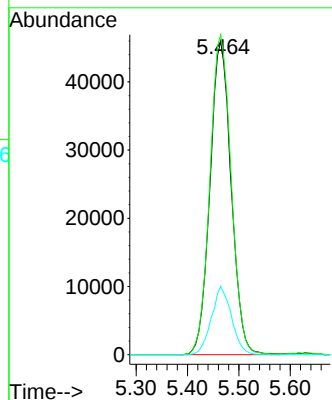
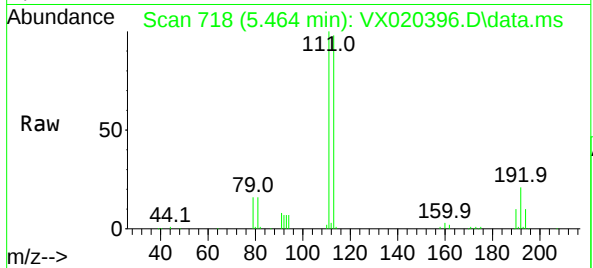




#35
Dibromofluoromethane
Concen: 51.40 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020396.D
Acq: 24 Dec 2020 18:30

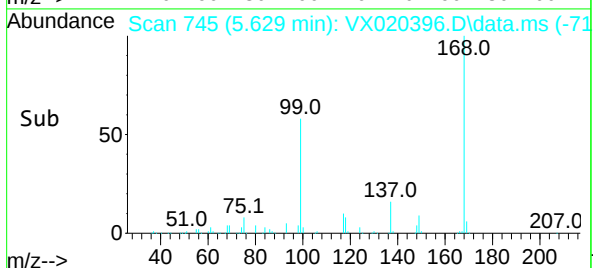
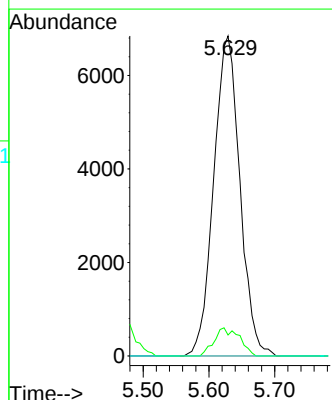
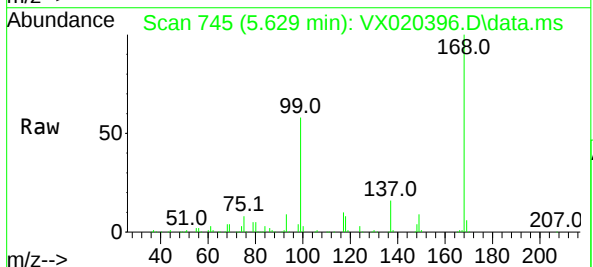
Instrument :
MSVOA_X
ClientSampled :

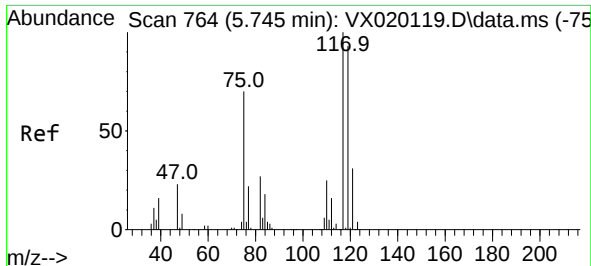
Tgt Ion:113 Resp: 131420
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 20.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020396.D
Acq: 24 Dec 2020 18:30

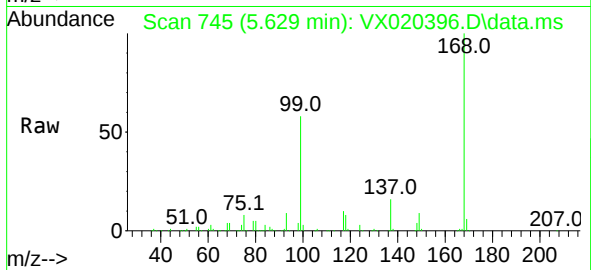
Tgt Ion: 75 Resp: 18956
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



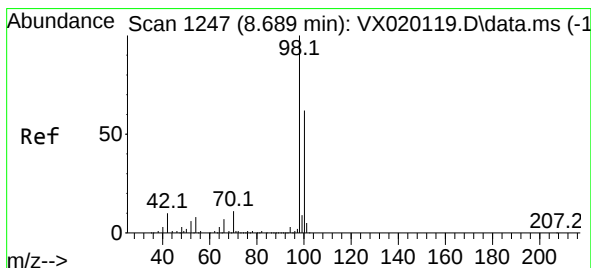
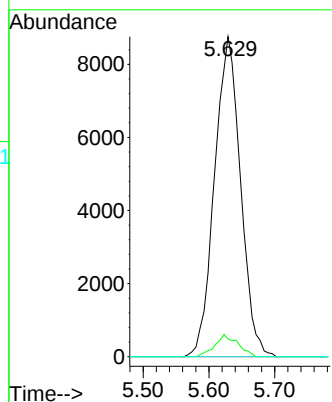
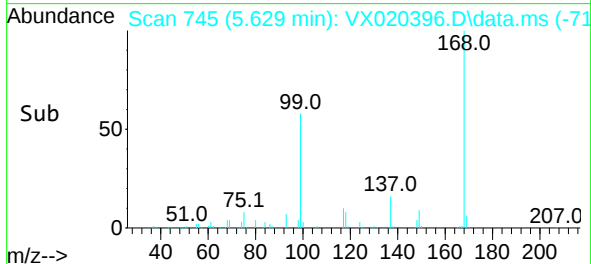


#38
Carbon Tetrachloride
Concen: 6.42 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020396.D
Acq: 24 Dec 2020 18:30

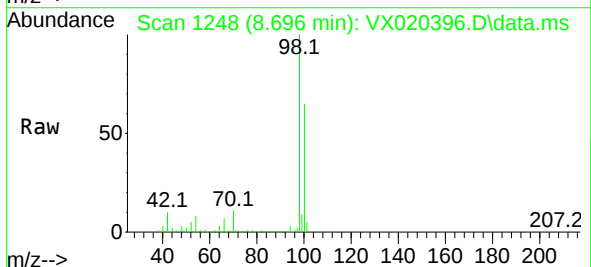
Instrument :
MSVOA_X
ClientSampled :



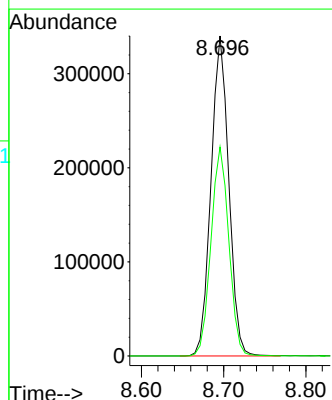
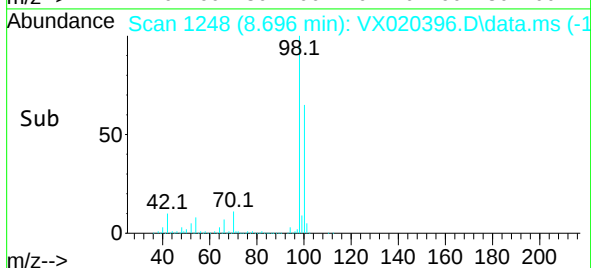
Tgt Ion:117 Resp: 24107
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#

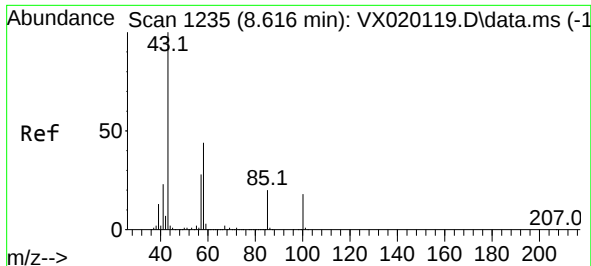


#50
Toluene-d8
Concen: 51.84 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020396.D
Acq: 24 Dec 2020 18:30



Tgt Ion: 98 Resp: 510209
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

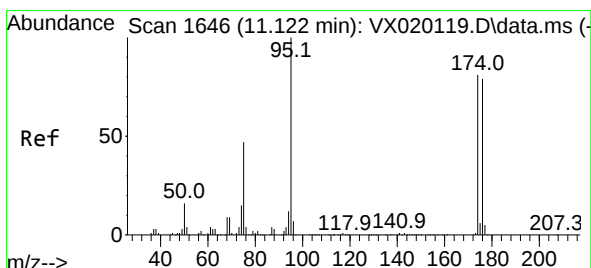
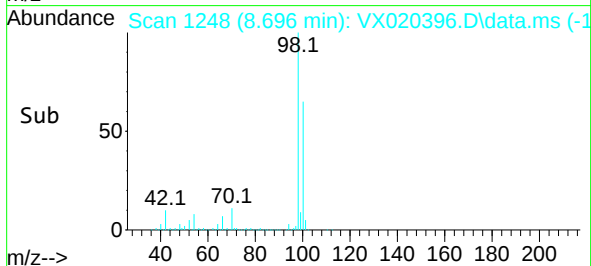
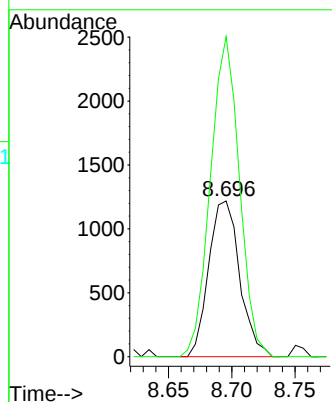
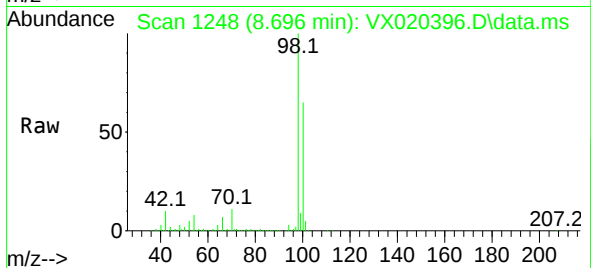




#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020396.D
Acq: 24 Dec 2020 18:30

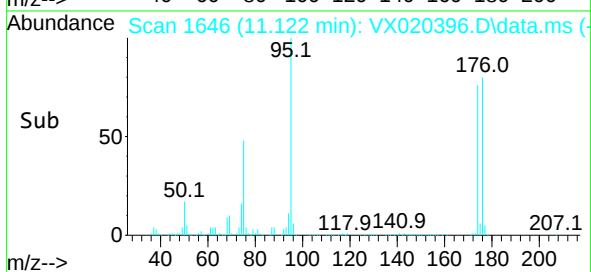
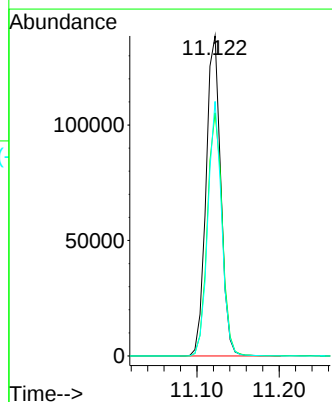
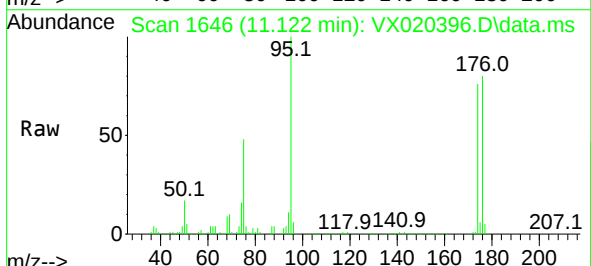
Instrument :
MSVOA_X
ClientSampled :

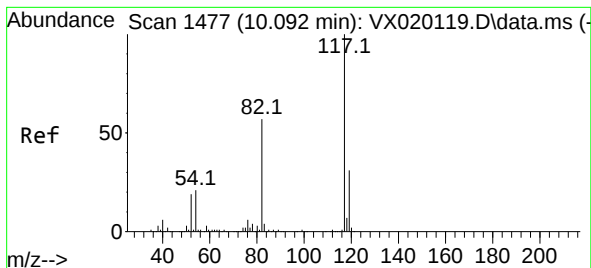
Tgt Ion: 43 Resp: 2075
Ion Ratio Lower Upper
43 100
58 192.2 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.66 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020396.D
Acq: 24 Dec 2020 18:30

Tgt Ion: 95 Resp: 171994
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 74.4 0.0 155.8

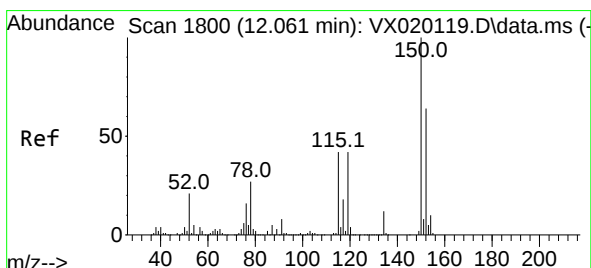
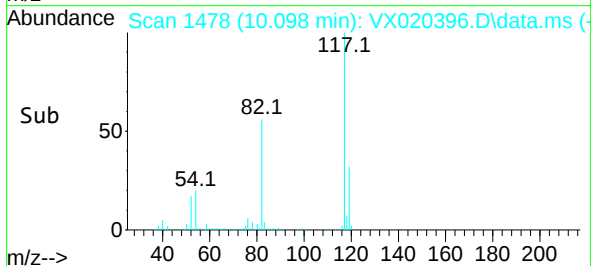
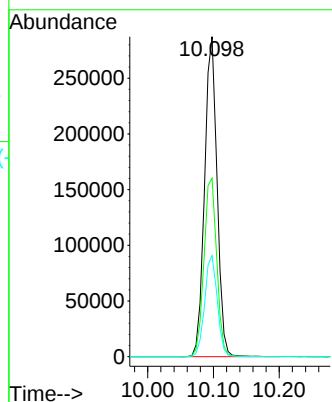
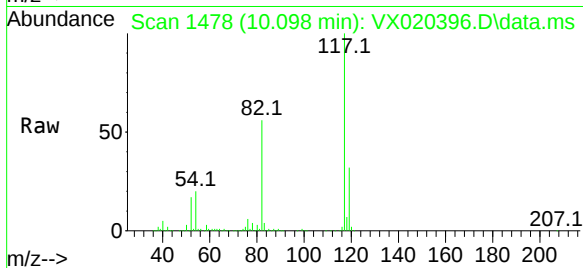




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020396.D
Acq: 24 Dec 2020 18:30

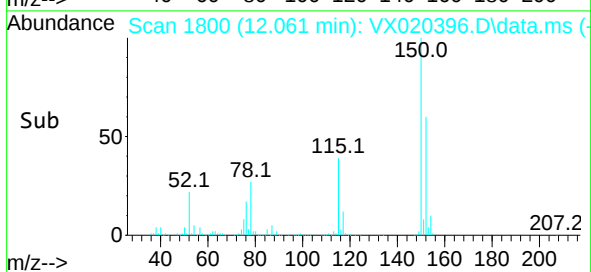
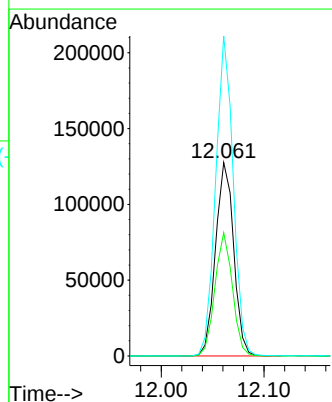
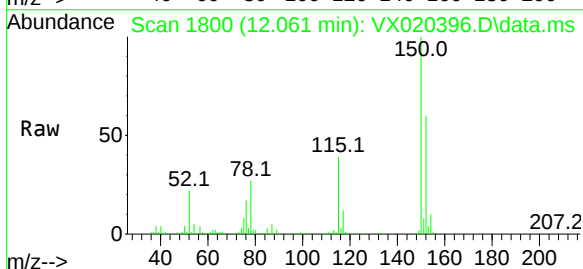
Instrument :
MSVOA_X
ClientSampled :

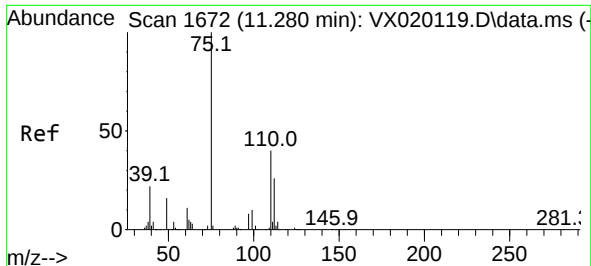
Tgt Ion:117 Resp: 379078
Ion Ratio Lower Upper
117 100
82 55.7 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020396.D
Acq: 24 Dec 2020 18:30

Tgt Ion:152 Resp: 156278
Ion Ratio Lower Upper
152 100
115 61.4 41.1 123.3
150 159.8 0.0 349.0

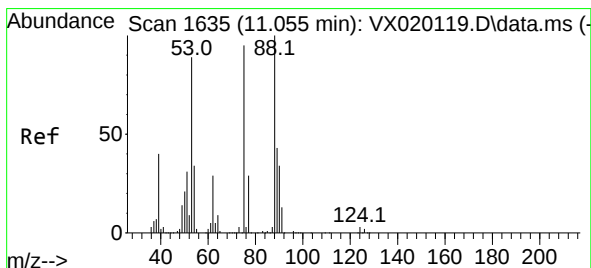
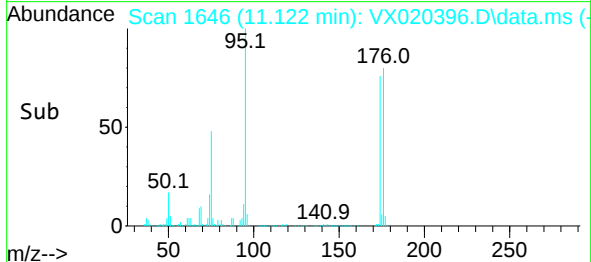
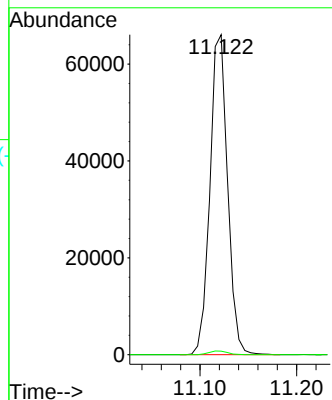
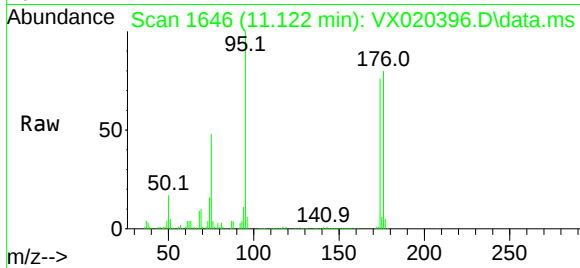




#76
1,2,3-Trichloropropane
Concen: 21.77 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020396.D
Acq: 24 Dec 2020 18:30

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 83797
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.58 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020396.D
Acq: 24 Dec 2020 18:30

Tgt Ion: 75 Resp: 83797
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#

