

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021231.D
 Acq On : 16 Mar 2021 04:15
 Operator : JC/MD
 Sample : M1666-02 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 04:45:07 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)

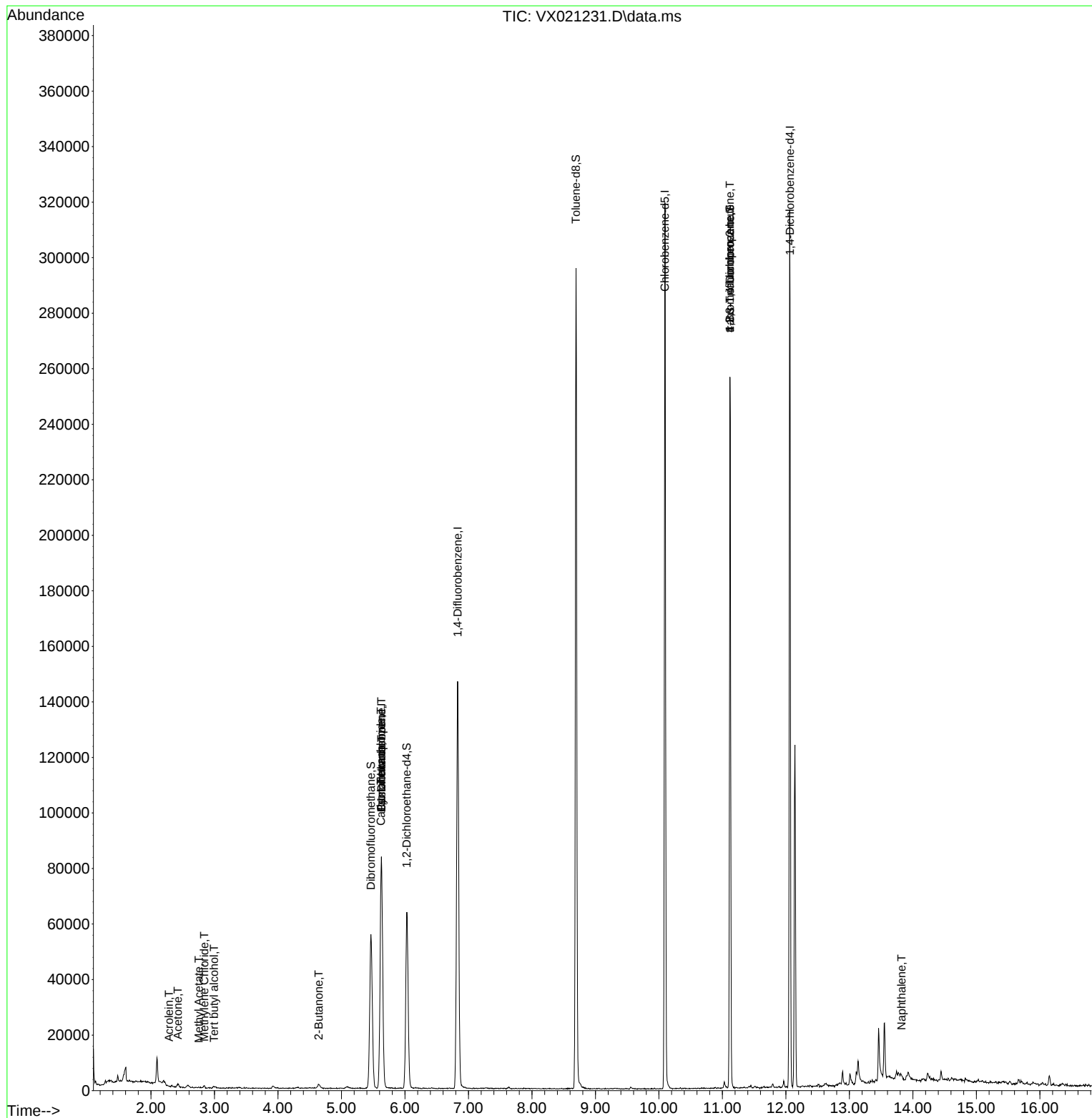
Internal Standards						
1) Pentafluorobenzene	5.629	168	70185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	134175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	125697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	57336	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	62674	52.37	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.74%			
35) Dibromofluoromethane	5.464	113	45884	49.70	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.40%			
50) Toluene-d8	8.694	98	165407	49.88	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.76%			
62) 4-Bromofluorobenzene	11.118	95	66288	52.45	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.90%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.993	59	540	2.59	ug/l #	73
13) Acrolein	2.281	56	42	0.33	ug/l #	1
16) Acetone	2.423	43	1413	2.94	ug/l #	85
18) Methyl Acetate	2.752	43	431	0.37	ug/l #	47
20) Methylene Chloride	2.840	84	303	0.33	ug/l	93
25) 2-Butanone	4.641	43	1927	2.78	ug/l	99
31) Cyclohexane	5.629	56	2103	1.39	ug/l #	6
36) 1,1-Dichloropropene	5.629	75	6895	4.90	ug/l #	48
38) Carbon Tetrachloride	5.623	117	8099	5.25	ug/l #	17
76) 1,2,3-Trichloropropane	11.118	75	37396	26.30	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	37396	74.66	ug/l #	12
95) Naphthalene	13.818	128	430	1.56	ug/l #	84

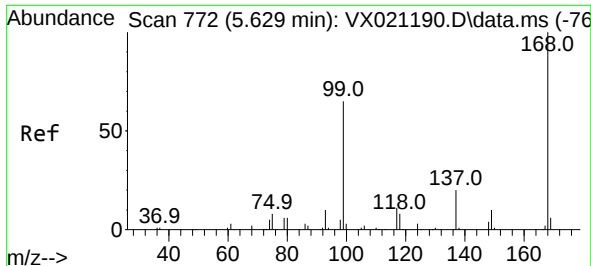
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
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Instrument :
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ClientSampleId :

Quant Time: Mar 16 04:45:07 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

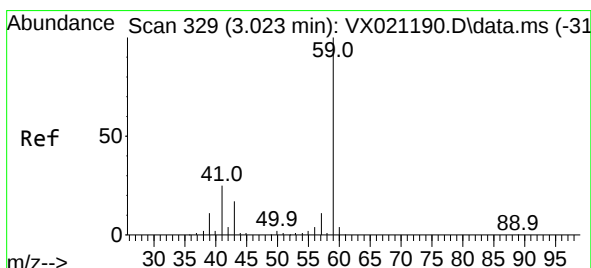
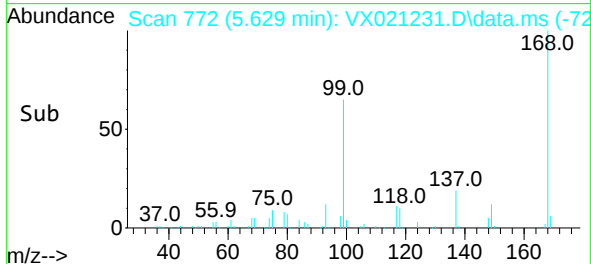
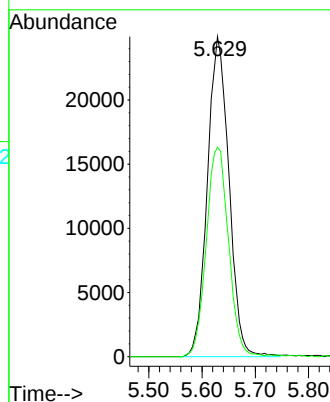
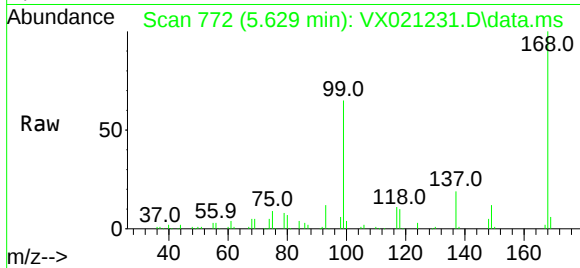




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021231.D
Acq: 16 Mar 2021 04:15

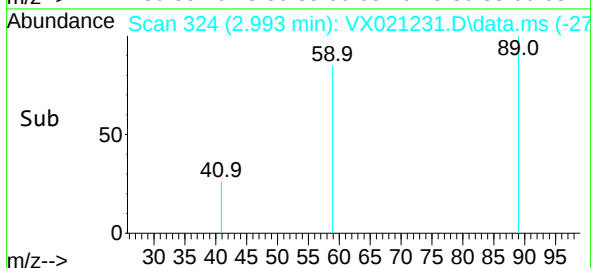
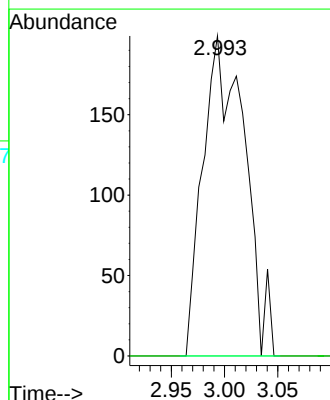
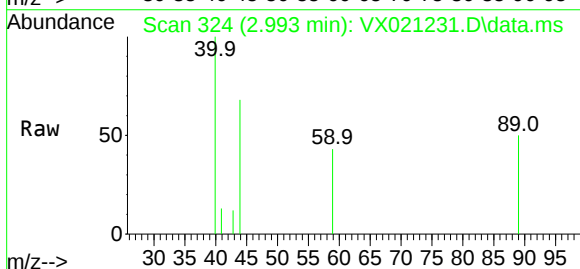
Instrument :
MSVOA_X
ClientSampleId :

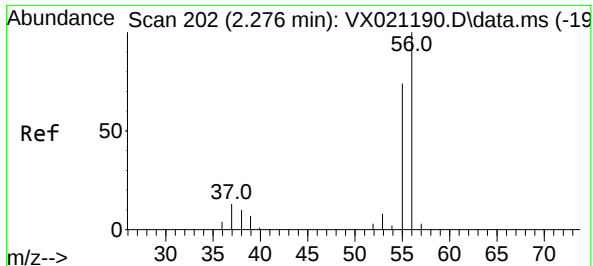
Tgt Ion:168 Resp: 70185
Ion Ratio Lower Upper
168 100
99 65.5 45.8 68.6



#11
Tert butyl alcohol
Concen: 2.59 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021231.D
Acq: 16 Mar 2021 04:15

Tgt Ion: 59 Resp: 540
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

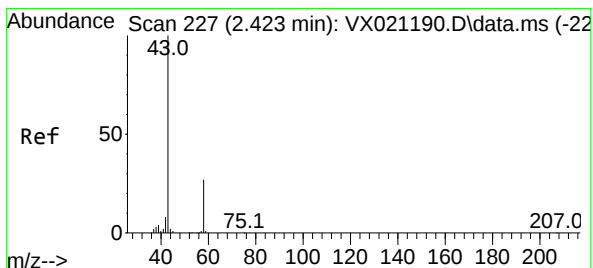
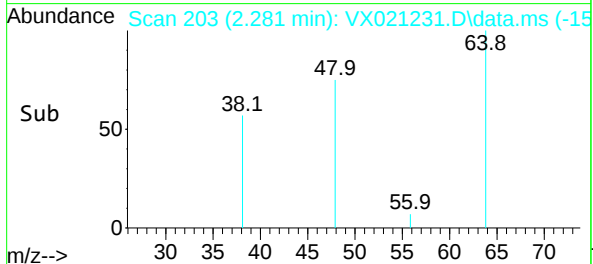
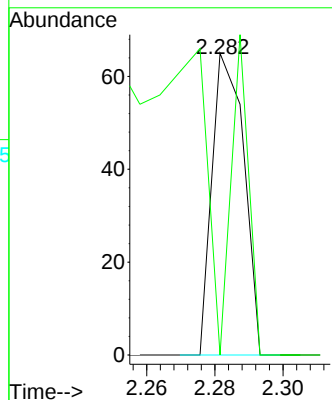
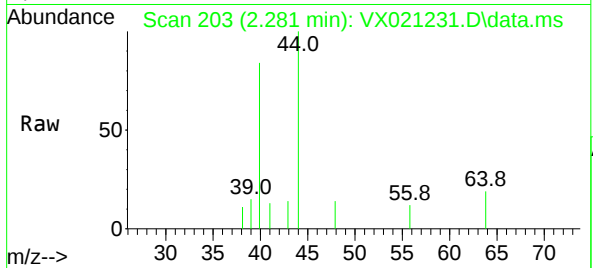




#13
Acrolein
Concen: 0.33 ug/l
RT: 2.281 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX021231.D
Acq: 16 Mar 2021 04:15

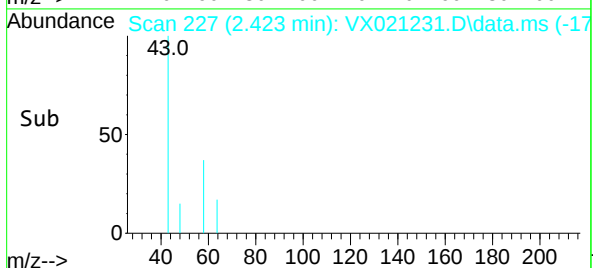
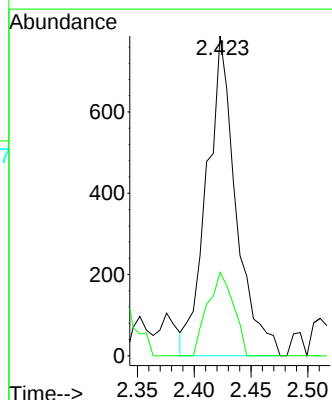
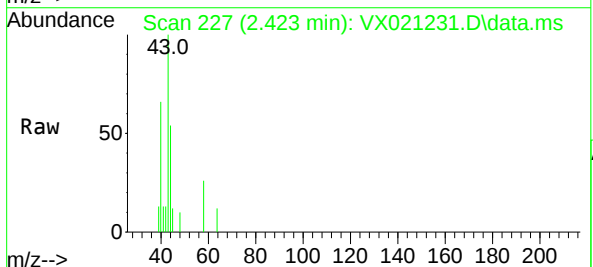
Instrument :
MSVOA_X
ClientSampled :

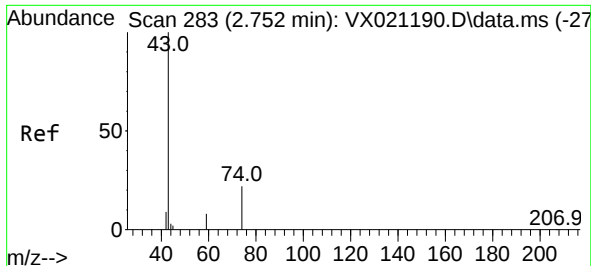
Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 311.9 56.4 84.6#



#16
Acetone
Concen: 2.94 ug/l
RT: 2.423 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX021231.D
Acq: 16 Mar 2021 04:15

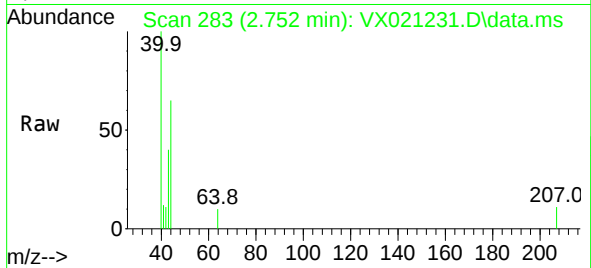
Tgt Ion: 43 Resp: 1413
Ion Ratio Lower Upper
43 100
58 26.0 27.8 41.8#



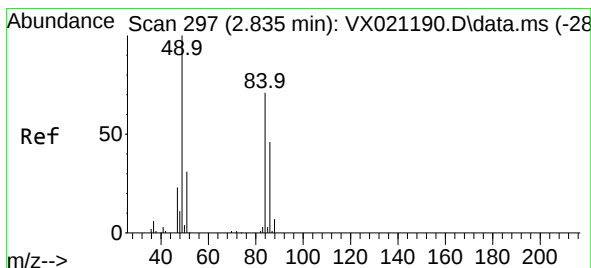
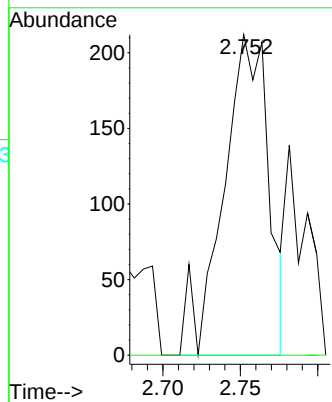
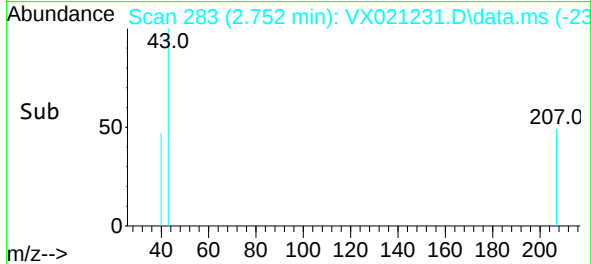


#18
Methyl Acetate
Concen: 0.37 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021231.D
Acq: 16 Mar 2021 04:15

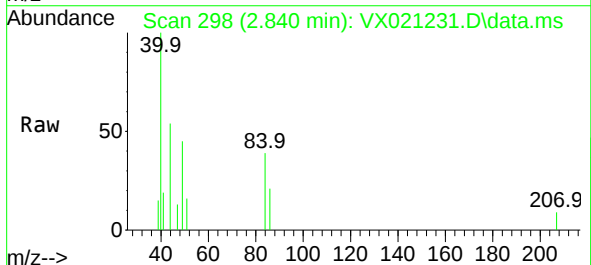
Instrument :
MSVOA_X
ClientSampleId :



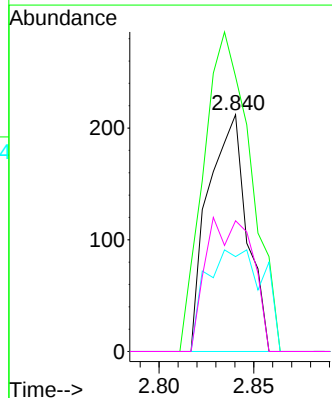
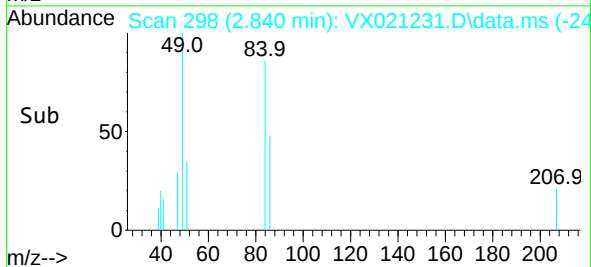
Tgt Ion: 43 Resp: 431
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

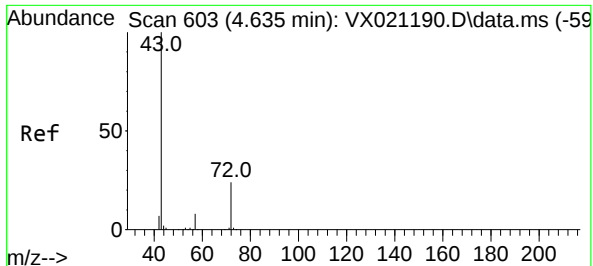


#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021231.D
Acq: 16 Mar 2021 04:15



Tgt Ion: 84 Resp: 303
Ion Ratio Lower Upper
84 100
49 116.0 88.6 132.8
51 40.1 27.0 40.6
86 55.2 50.3 75.5

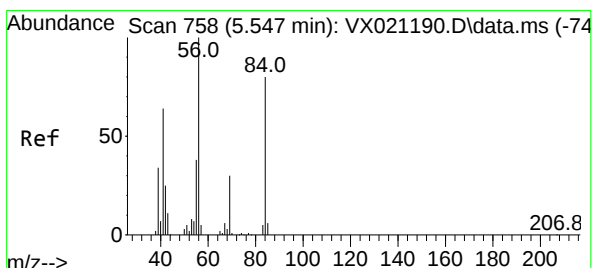
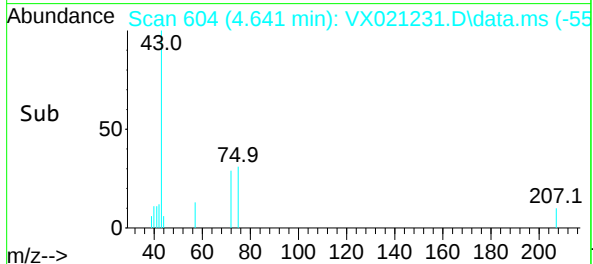
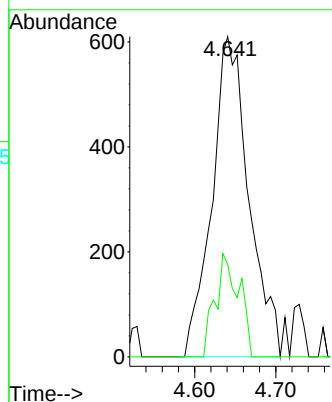
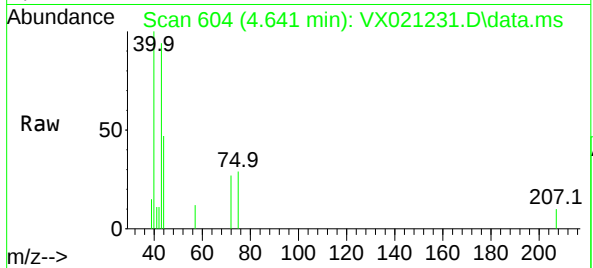




#25
2-Butanone
Concen: 2.78 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021231.D
Acq: 16 Mar 2021 04:15

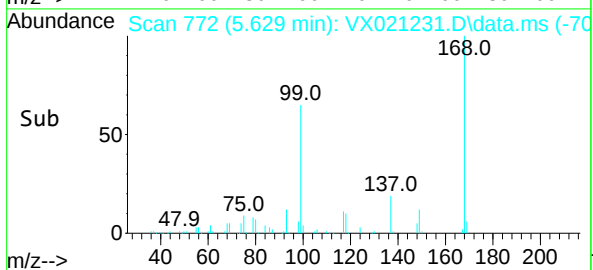
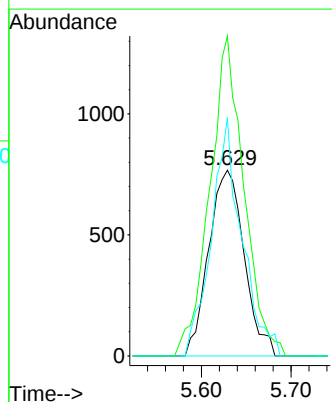
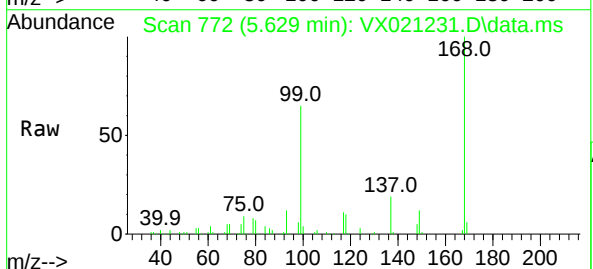
Instrument :
MSVOA_X
ClientSampled :

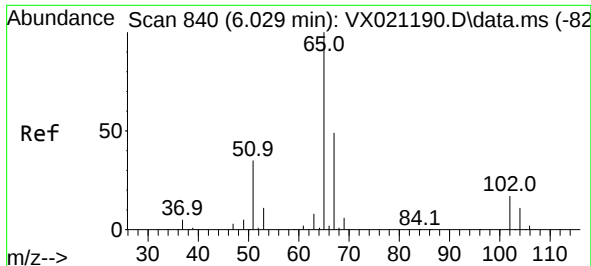
Tgt Ion: 43 Resp: 1927
Ion Ratio Lower Upper
43 100
72 28.9 23.7 35.5



#31
Cyclohexane
Concen: 1.39 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021231.D
Acq: 16 Mar 2021 04:15

Tgt Ion: 56 Resp: 2103
Ion Ratio Lower Upper
56 100
69 165.3 25.3 37.9#
84 128.4 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.37 ug/l

RT: 6.029 min Scan# 840

Delta R.T. 0.000 min

Lab File: VX021231.D

Acq: 16 Mar 2021 04:15

Tgt Ion: 65 Resp: 62674

Ion Ratio Lower Upper

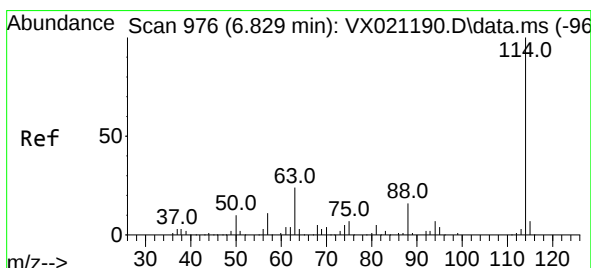
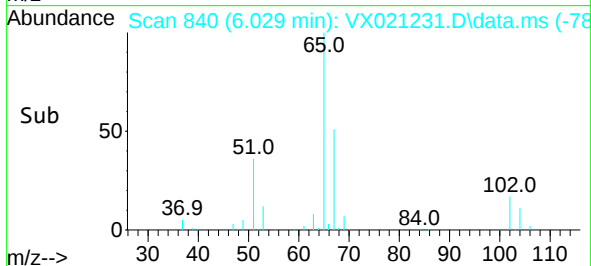
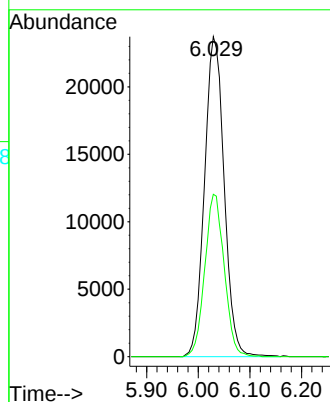
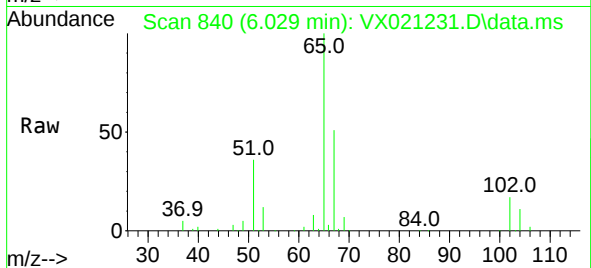
65 100

67 50.1 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX021231.D

Acq: 16 Mar 2021 04:15

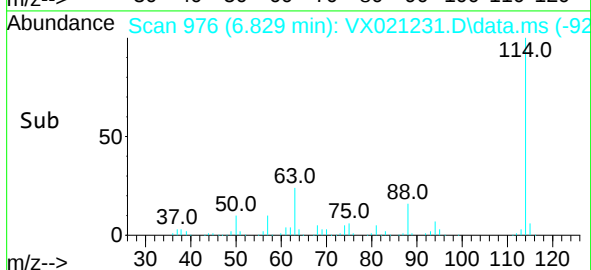
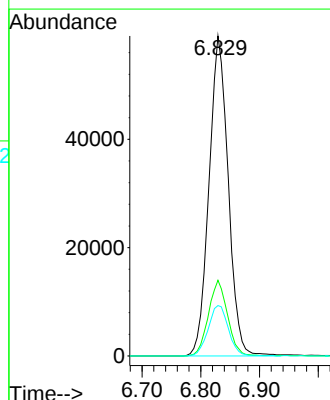
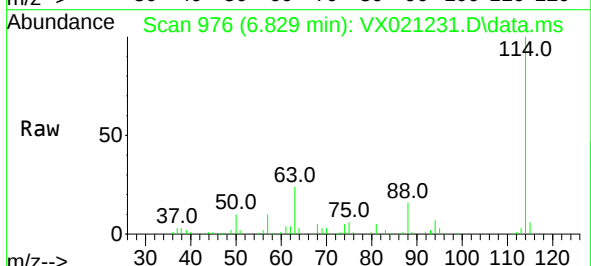
Tgt Ion: 114 Resp: 134175

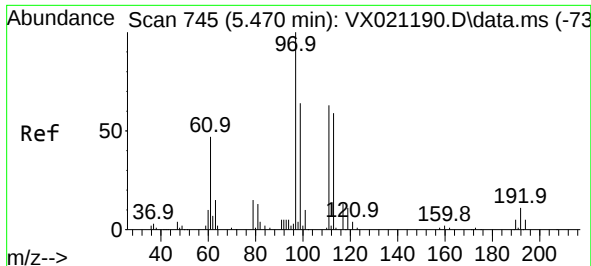
Ion Ratio Lower Upper

114 100

63 23.7 0.0 40.8

88 15.7 0.0 32.8

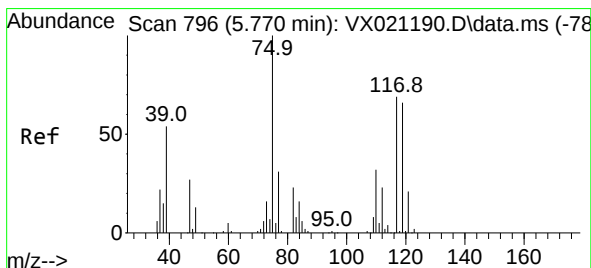
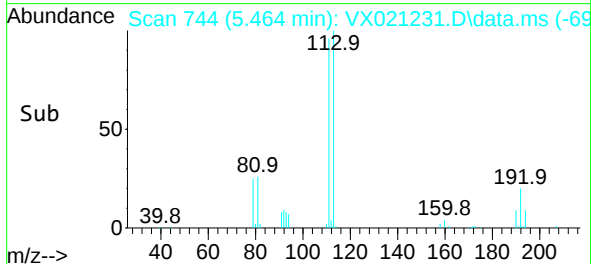
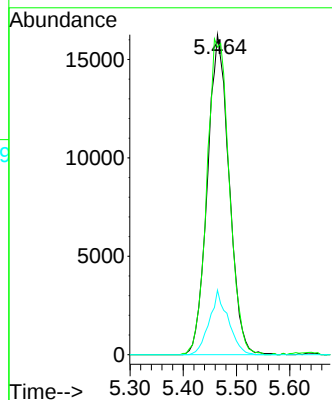
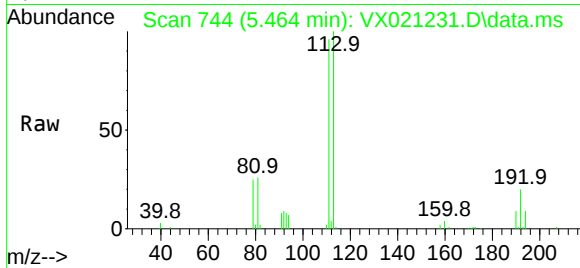




#35
Dibromofluoromethane
Concen: 49.70 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021231.D
Acq: 16 Mar 2021 04:15

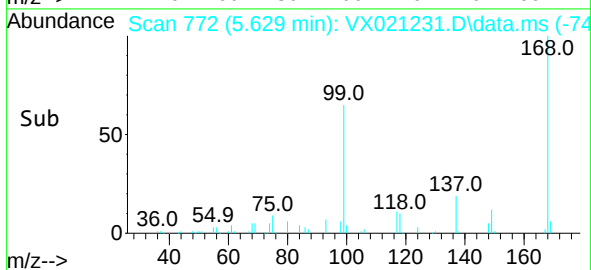
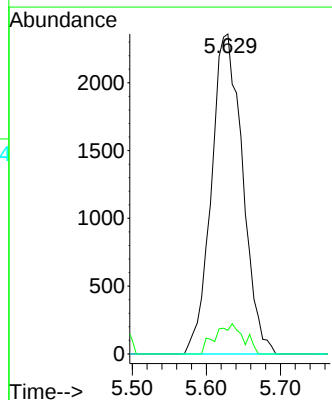
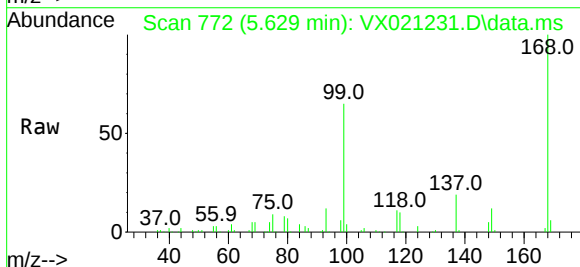
Instrument :
MSVOA_X
ClientSampled :

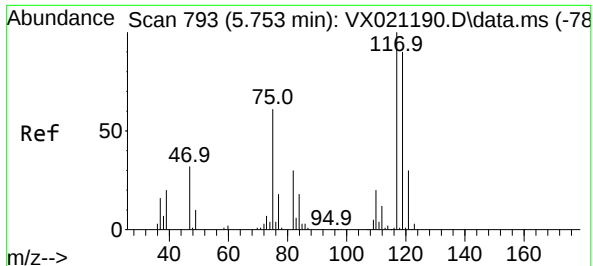
Tgt Ion:113 Resp: 45884
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 17.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.90 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021231.D
Acq: 16 Mar 2021 04:15

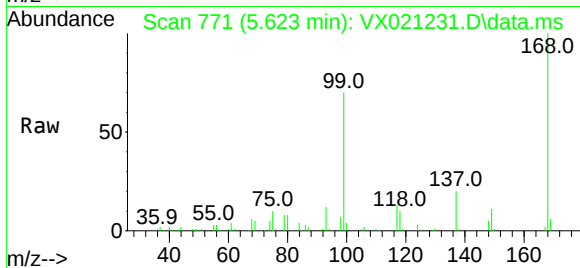
Tgt Ion: 75 Resp: 6895
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



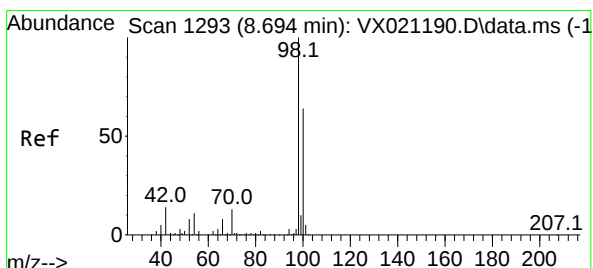
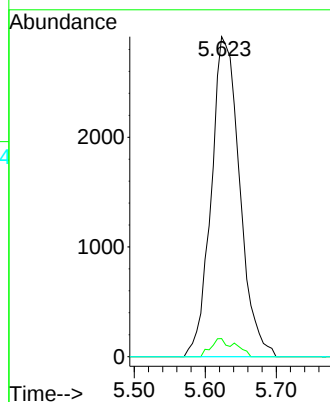
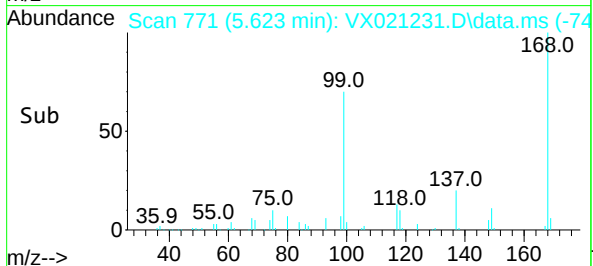


#38
Carbon Tetrachloride
Concen: 5.25 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021231.D
Acq: 16 Mar 2021 04:15

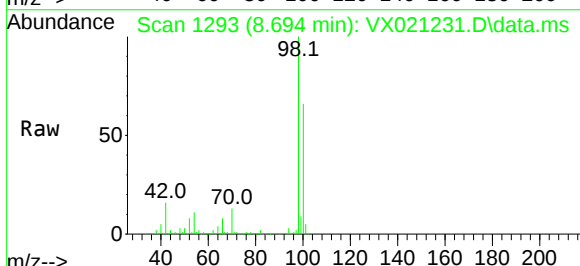
Instrument :
MSVOA_X
ClientSampled :



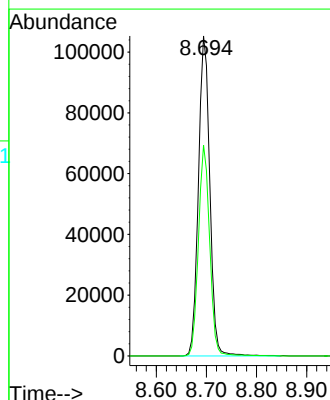
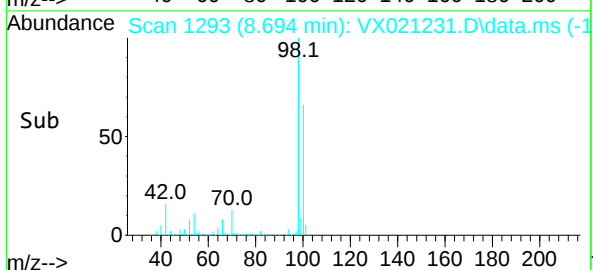
Tgt Ion:117 Resp: 8099
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

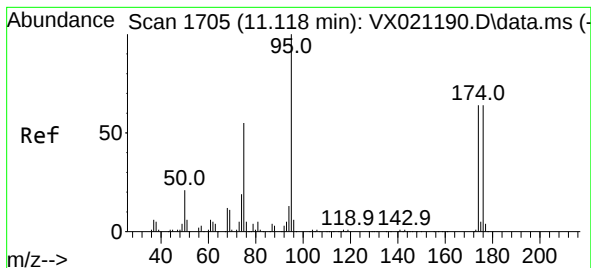


#50
Toluene-d8
Concen: 49.88 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021231.D
Acq: 16 Mar 2021 04:15



Tgt Ion: 98 Resp: 165407
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

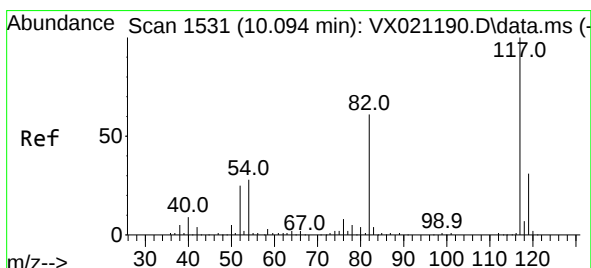
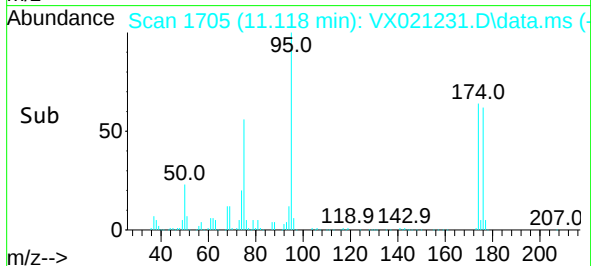
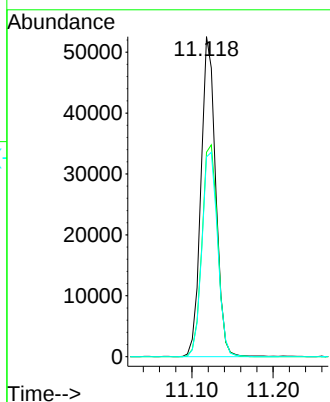
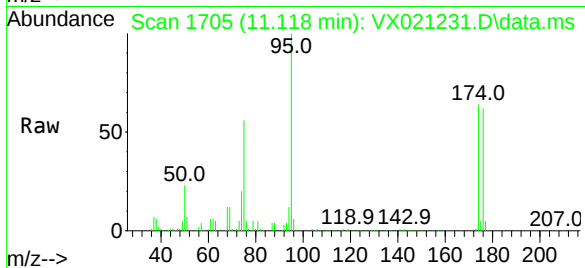




#62
4-Bromofluorobenzene
Concen: 52.45 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021231.D
Acq: 16 Mar 2021 04:15

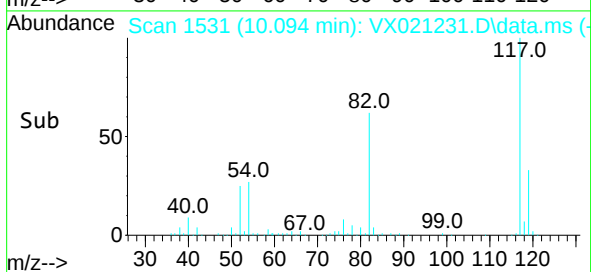
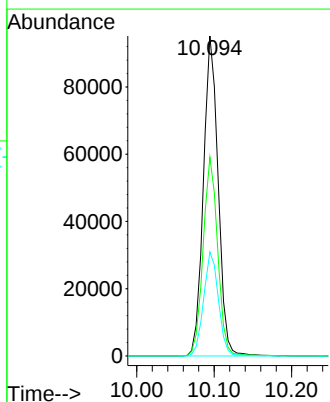
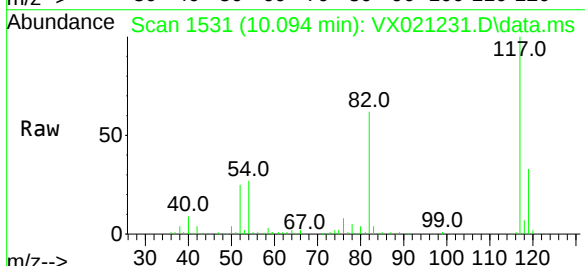
Instrument :
MSVOA_X
ClientSampleId :

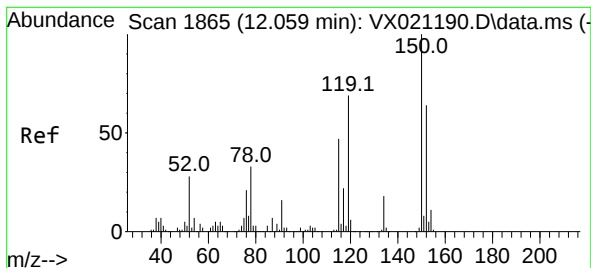
Tgt Ion: 95 Resp: 66288
Ion Ratio Lower Upper
95 100
174 70.1 0.0 154.6
176 67.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021231.D
Acq: 16 Mar 2021 04:15

Tgt Ion: 117 Resp: 125697
Ion Ratio Lower Upper
117 100
82 62.2 47.4 71.2
119 32.5 26.6 39.8

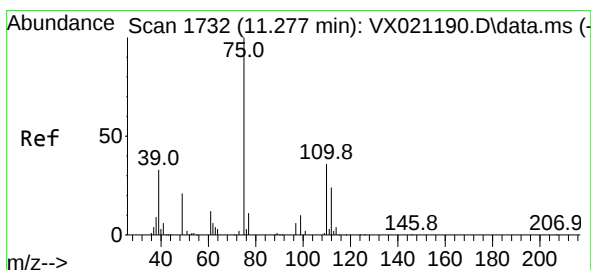
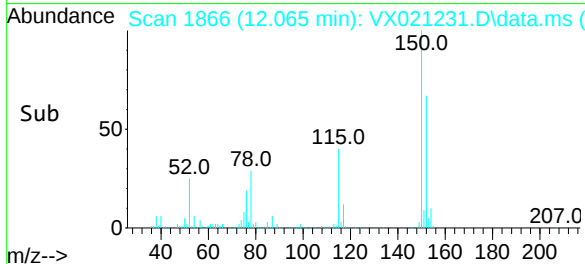
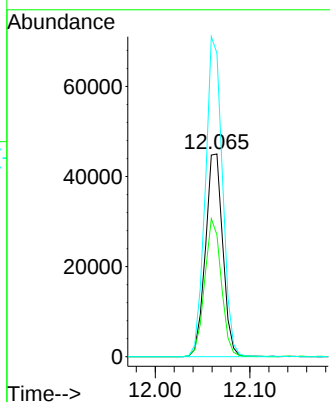
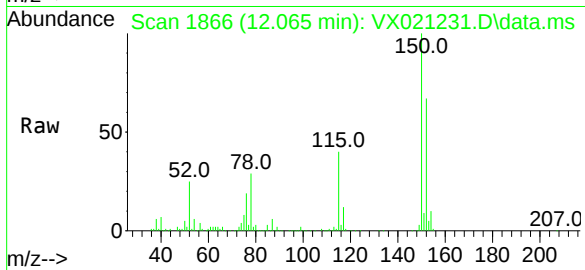




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VX021231.D
Acq: 16 Mar 2021 04:15

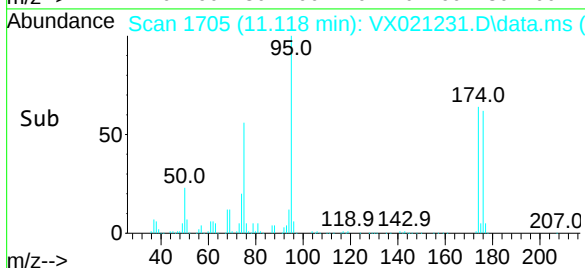
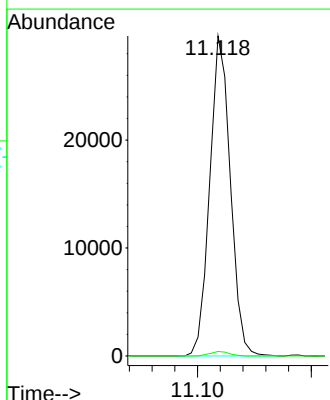
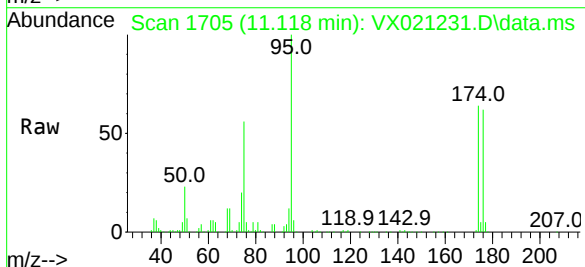
Instrument :
MSVOA_X
ClientSampleId :

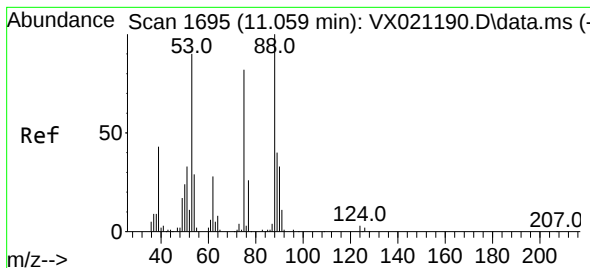
Tgt Ion:152 Resp: 57336
Ion Ratio Lower Upper
152 100
115 65.1 41.1 123.3
150 155.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.30 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021231.D
Acq: 16 Mar 2021 04:15

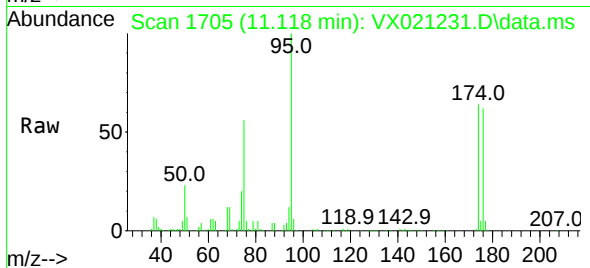
Tgt Ion: 75 Resp: 37396
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



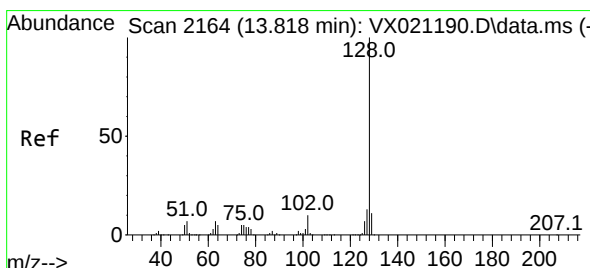
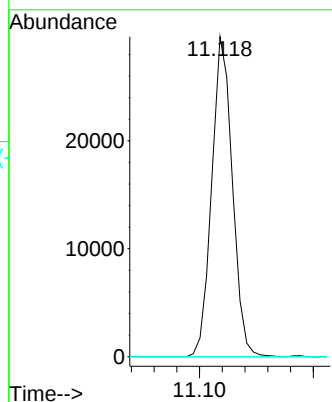
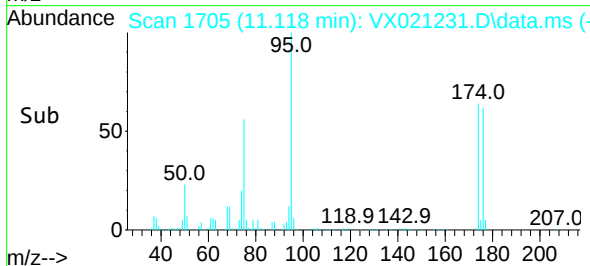


#81
trans-1,4-Dichloro-2-butene
Concen: 74.66 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021231.D
Acq: 16 Mar 2021 04:15

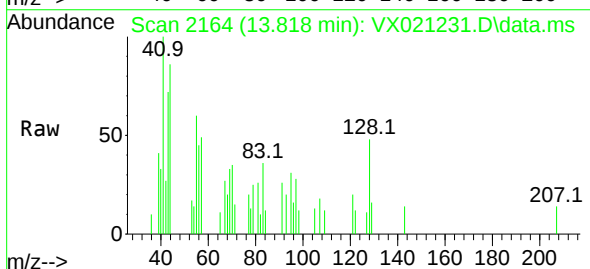
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 37396
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.56 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021231.D
Acq: 16 Mar 2021 04:15



Tgt Ion: 128 Resp: 430
Ion Ratio Lower Upper
128 100
127 9.3 10.3 15.5#
129 20.0 8.8 13.2#

