

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
 Data File : VX021672.D
 Acq On : 31 Mar 2021 10:28
 Operator : JC/MD
 Sample : VX0331WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBL01

Quant Time: Apr 01 03:21:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

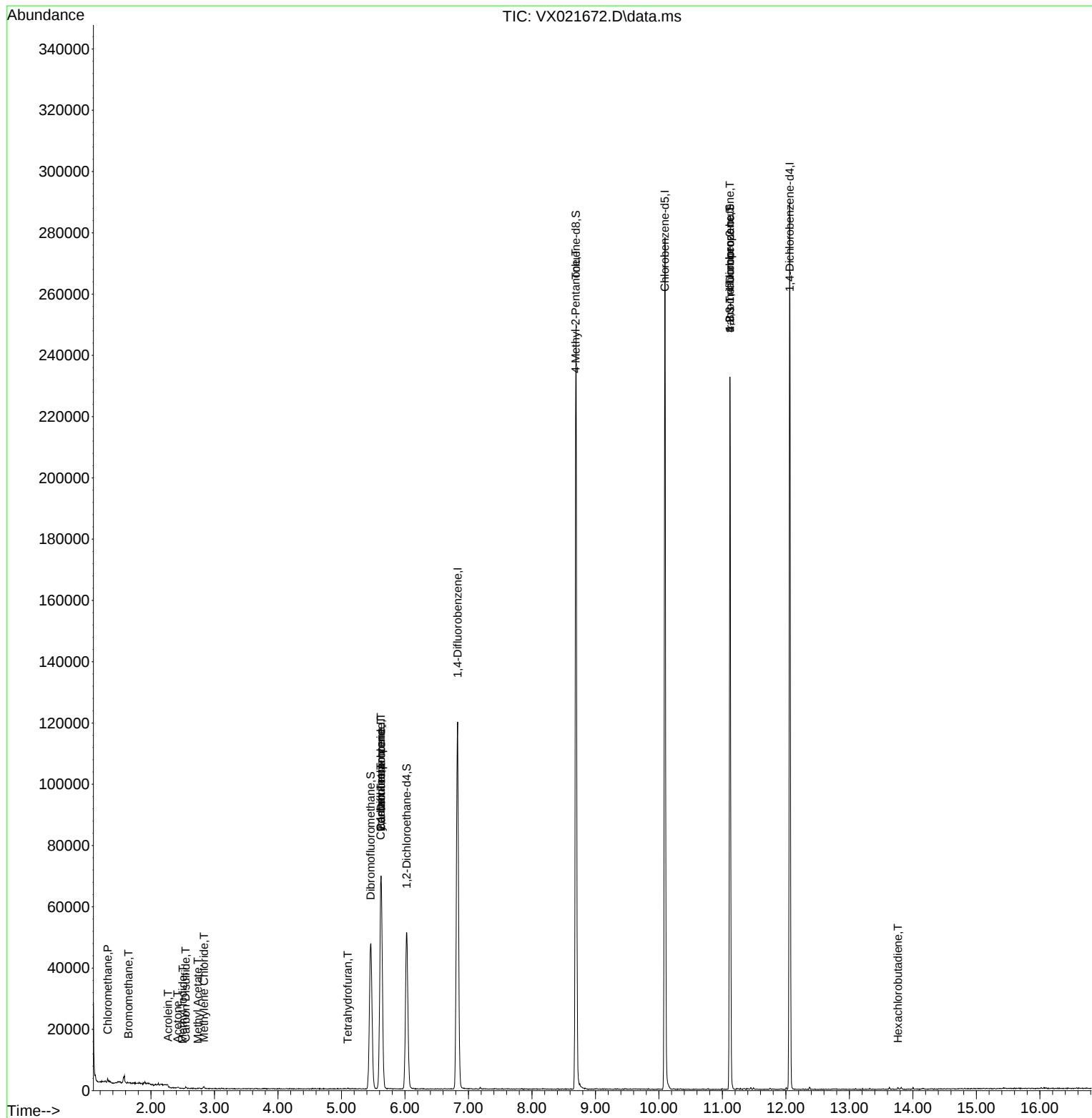
Internal Standards						
1) Pentafluorobenzene	5.623	168	60624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	111143	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	114497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	51010	50.57	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 101.14%		
35) Dibromofluoromethane	5.458	113	39934	50.58	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 101.16%		
50) Toluene-d8	8.694	98	140956	50.10	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 100.20%		
62) 4-Bromofluorobenzene	11.118	95	59000	53.94	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 107.88%		
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1339	1.79	ug/l	99
5) Bromomethane	1.646	94	70	0.26	ug/l	85
10) Methyl Iodide	2.499	142	91	6.80	ug/l #	68
13) Acrolein	2.270	56	25	4.59	ug/l #	1
16) Acetone	2.417	43	398	1.04	ug/l #	40
17) Carbon Disulfide	2.546	76	475	0.28	ug/l #	75
18) Methyl Acetate	2.740	43	341	0.31	ug/l #	47
20) Methylene Chloride	2.834	84	205	0.28	ug/l #	55
29) Tetrahydrofuran	5.099	42	174	0.46	ug/l #	27
31) Cyclohexane	5.617	56	1747	1.58	ug/l #	53
36) 1,1-Dichloropropene	5.623	75	5562	5.11	ug/l #	49
38) Carbon Tetrachloride	5.623	117	6751	5.77	ug/l #	16
51) 4-Methyl-2-Pentanone	8.688	43	786	0.63	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	32290	26.12	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	32290	79.56	ug/l #	12
94) Hexachlorobutadiene	13.765	225	116	0.24	ug/l	97

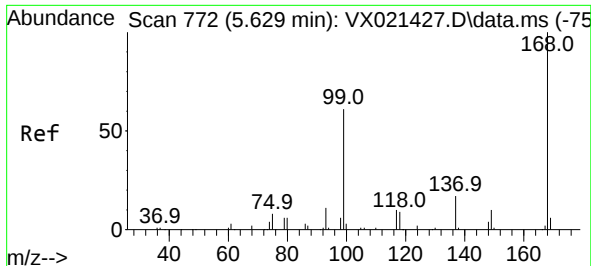
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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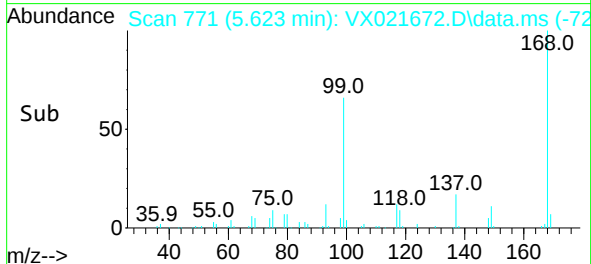
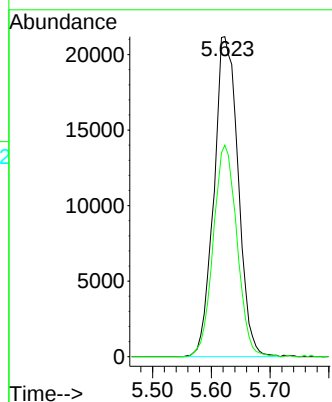
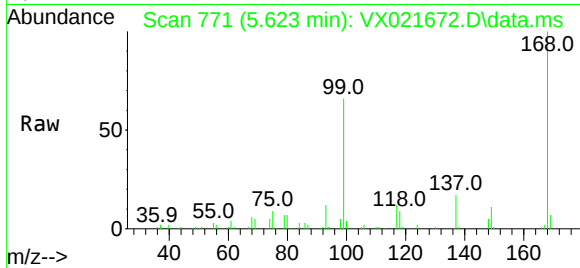




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.006 min
Lab File: VX021672.D
Acq: 31 Mar 2021 10:28

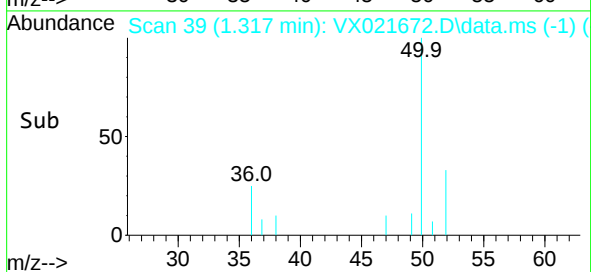
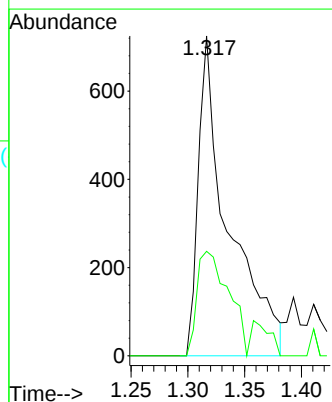
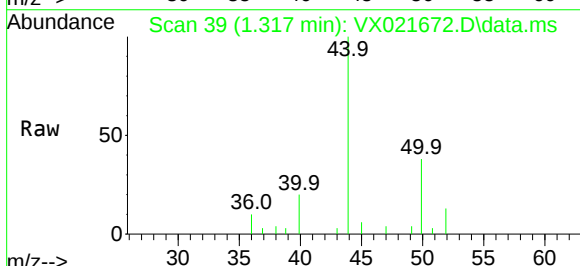
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBL01

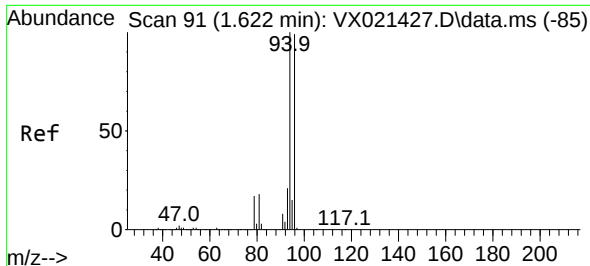
Tgt Ion:168 Resp: 60624
Ion Ratio Lower Upper
168 100
99 66.1 45.8 68.6



#3
Chloromethane
Concen: 1.79 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021672.D
Acq: 31 Mar 2021 10:28

Tgt Ion: 50 Resp: 1339
Ion Ratio Lower Upper
50 100
52 32.7 26.4 39.6

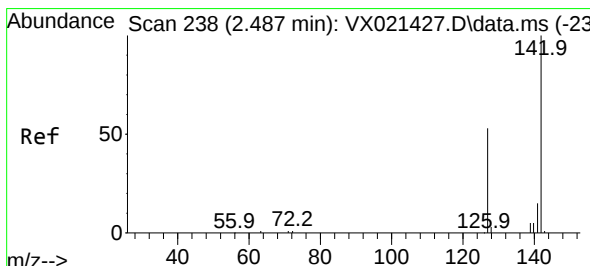
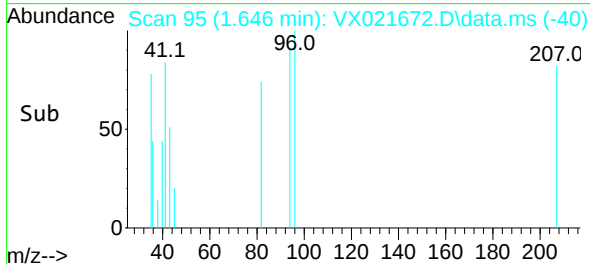
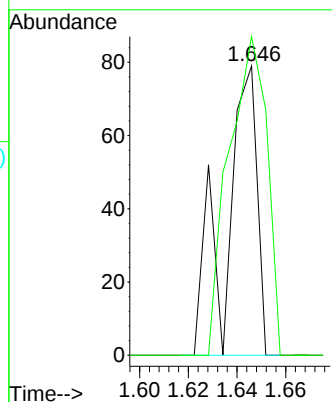
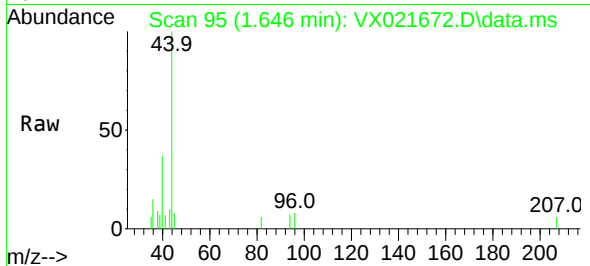




#5
Bromomethane
Concen: 0.26 ug/l
RT: 1.646 min Scan# 95
Delta R.T. 0.024 min
Lab File: VX021672.D
Acq: 31 Mar 2021 10:28

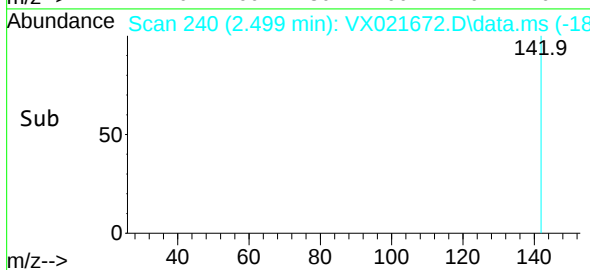
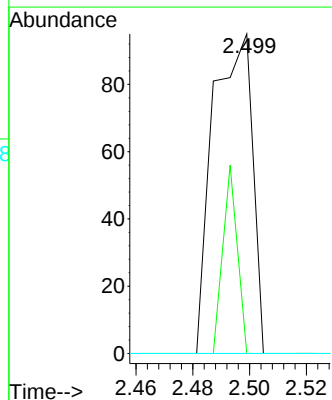
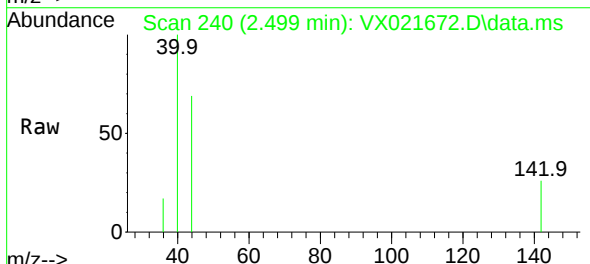
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBL01

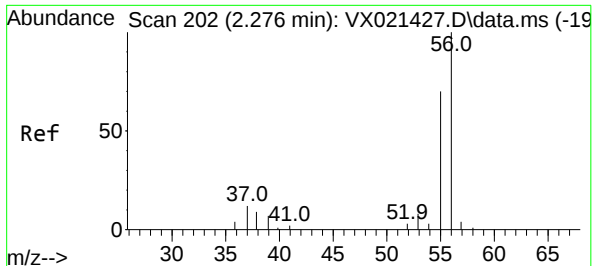
Tgt Ion: 94 Resp: 70
Ion Ratio Lower Upper
94 100
96 110.1 76.4 114.6



#10
Methyl Iodide
Concen: 6.80 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.012 min
Lab File: VX021672.D
Acq: 31 Mar 2021 10:28

Tgt Ion: 142 Resp: 91
Ion Ratio Lower Upper
142 100
127 22.0 33.3 49.9#
141 0.0 11.4 17.0#

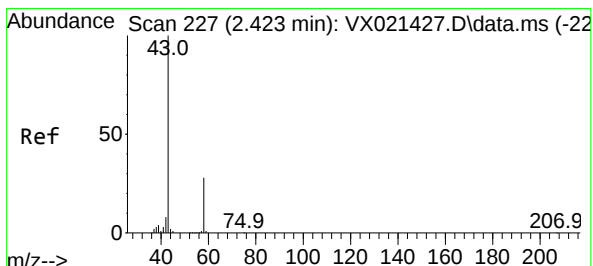
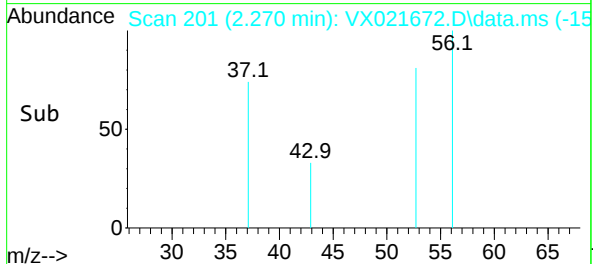
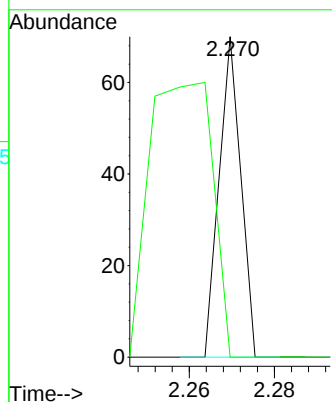
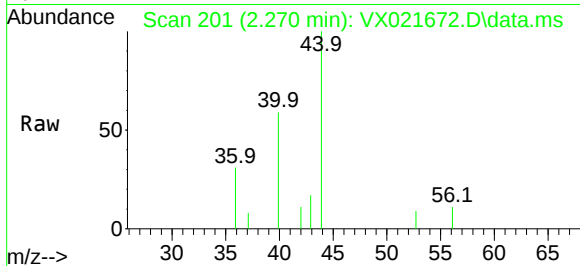




#13
Acrolein
Concen: 4.59 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021672.D
Acq: 31 Mar 2021 10:28

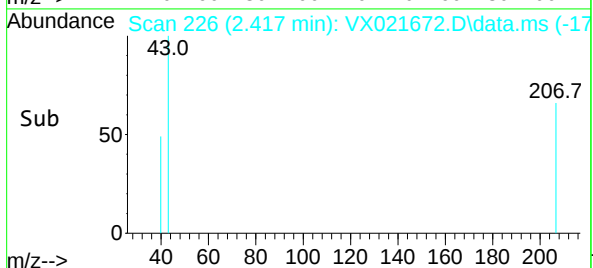
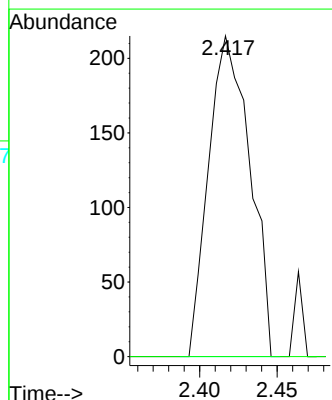
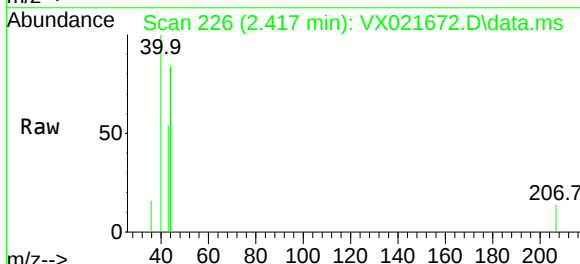
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBL01

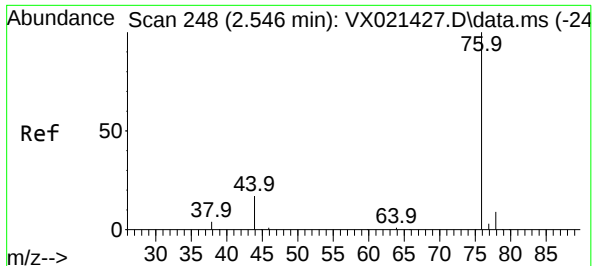
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 248.0 56.4 84.6#



#16
Acetone
Concen: 1.04 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021672.D
Acq: 31 Mar 2021 10:28

Tgt Ion: 43 Resp: 398
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#





#17

Carbon Disulfide

Concen: 0.28 ug/l

RT: 2.546 min Scan# 248

Delta R.T. 0.000 min

Lab File: VX021672.D

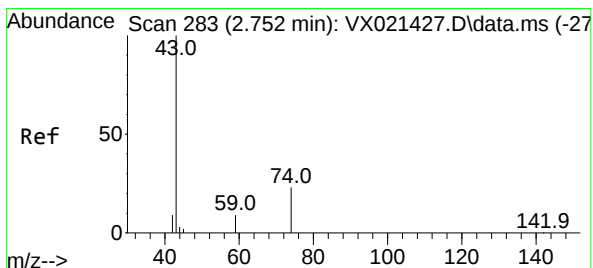
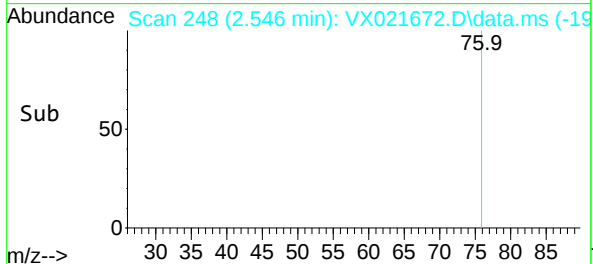
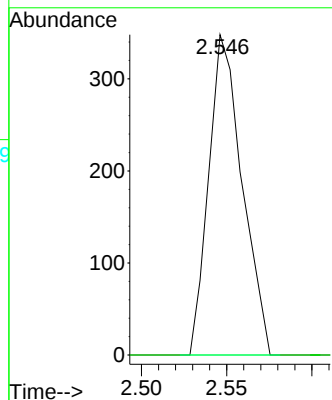
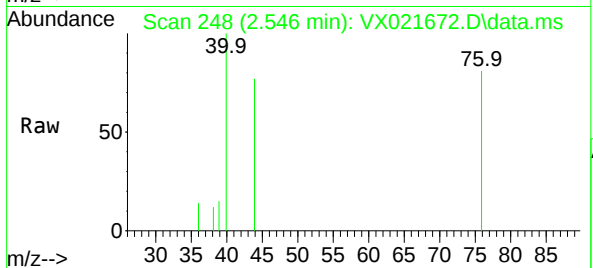
Acq: 31 Mar 2021 10:28

Tgt Ion: 76 Resp: 475

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#18

Methyl Acetate

Concen: 0.31 ug/l

RT: 2.740 min Scan# 281

Delta R.T. -0.012 min

Lab File: VX021672.D

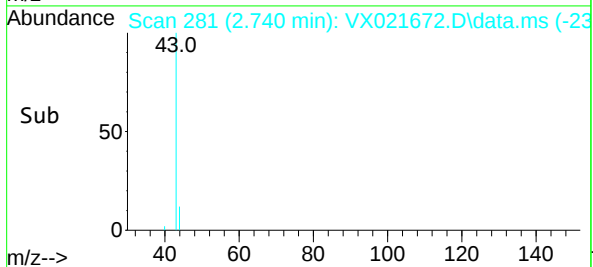
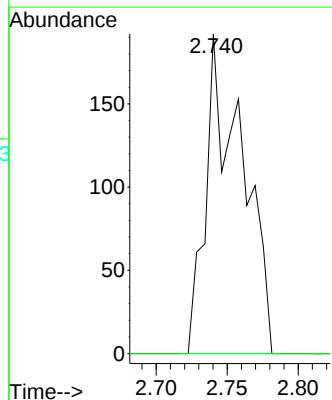
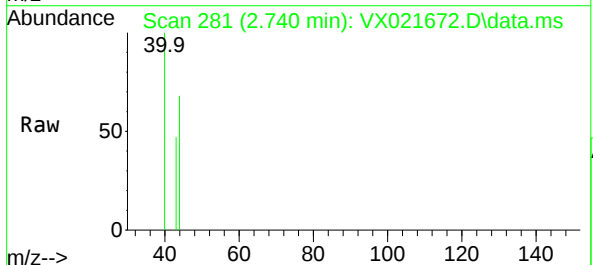
Acq: 31 Mar 2021 10:28

Tgt Ion: 43 Resp: 341

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.28 ug/l

RT: 2.834 min Scan# 297

Delta R.T. 0.000 min

Lab File: VX021672.D

Acq: 31 Mar 2021 10:28

Tgt Ion: 84 Resp: 205

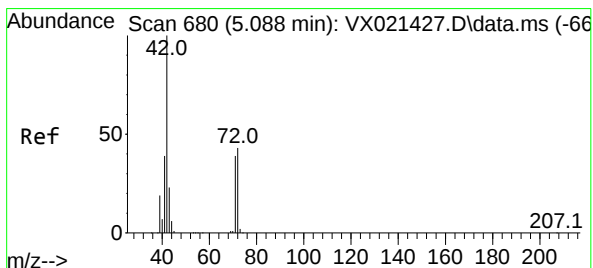
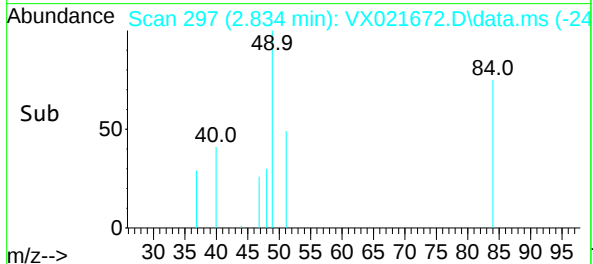
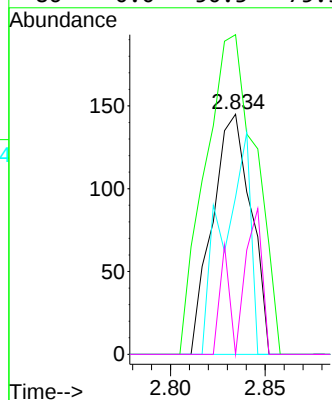
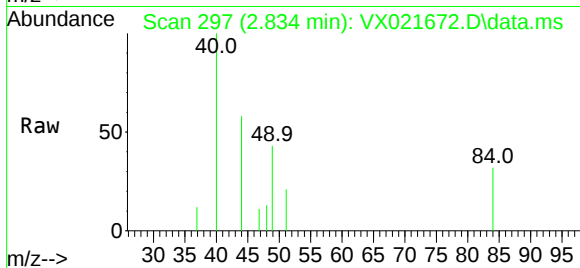
Ion Ratio Lower Upper

84 100

49 133.1 88.6 132.8#

51 65.5 27.0 40.6#

86 0.0 50.3 75.5#



#29

Tetrahydrofuran

Concen: 0.46 ug/l

RT: 5.099 min Scan# 682

Delta R.T. 0.011 min

Lab File: VX021672.D

Acq: 31 Mar 2021 10:28

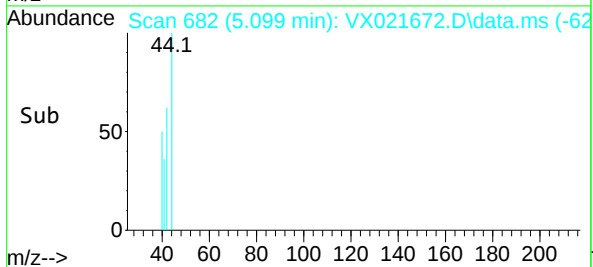
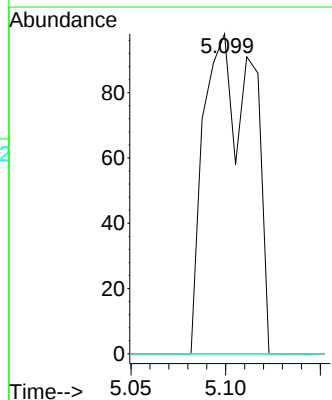
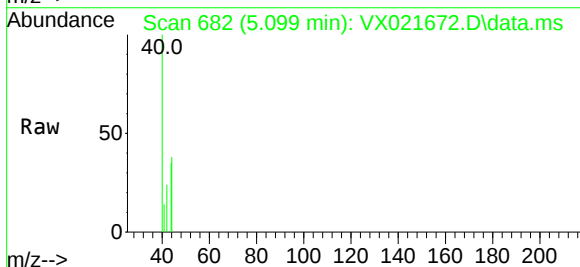
Tgt Ion: 42 Resp: 174

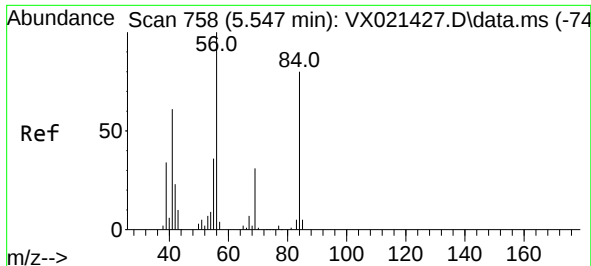
Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

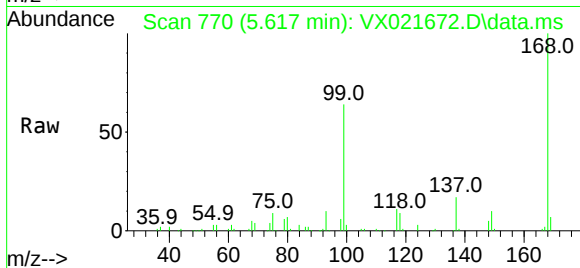
71 0.0 38.4 57.6#



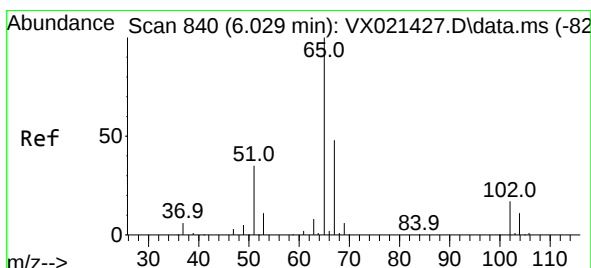
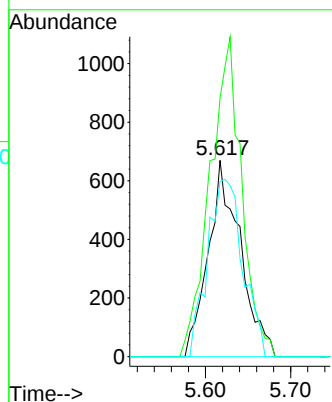
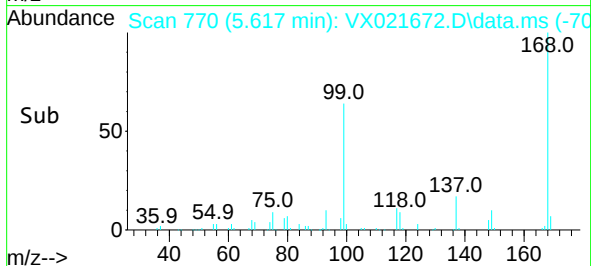


#31
Cyclohexane
Concen: 1.58 ug/l
RT: 5.617 min Scan# 770
Delta R.T. 0.070 min
Lab File: VX021672.D
Acq: 31 Mar 2021 10:28

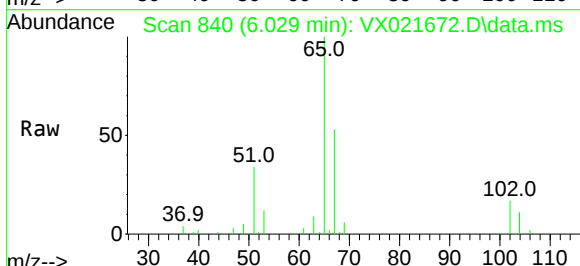
Instrument :
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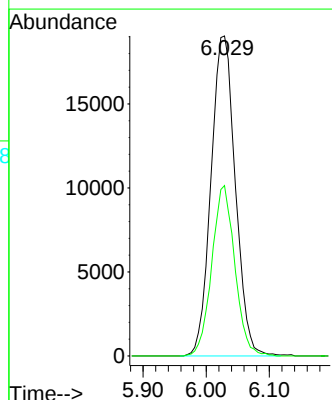
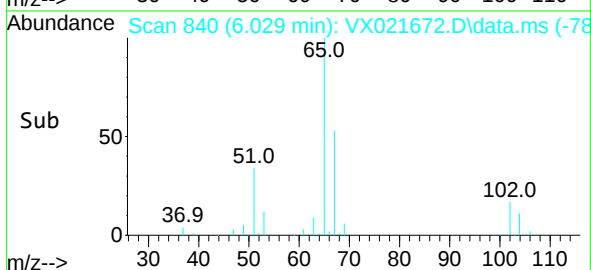
Tgt Ion: 56 Resp: 1747
Ion Ratio Lower Upper
56 100
69 131.8 25.3 37.9#
84 89.1 71.4 107.0

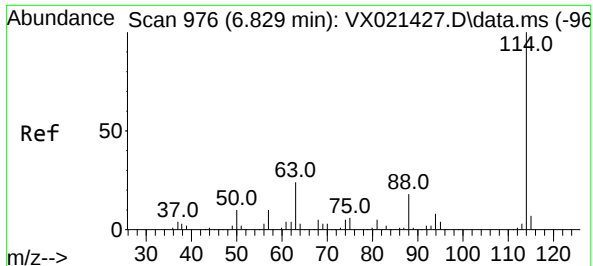


#33
1,2-Dichloroethane-d4
Concen: 50.57 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021672.D
Acq: 31 Mar 2021 10:28



Tgt Ion: 65 Resp: 51010
Ion Ratio Lower Upper
65 100
67 50.4 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: VX021672.D

Acq: 31 Mar 2021 10:28

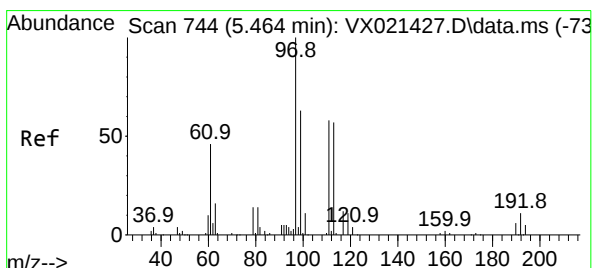
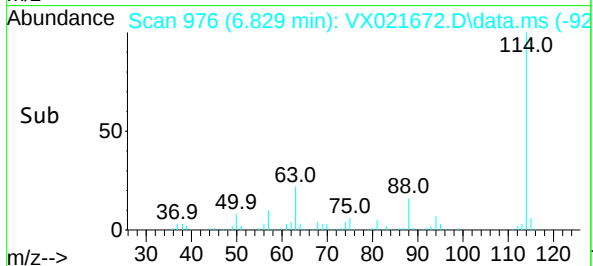
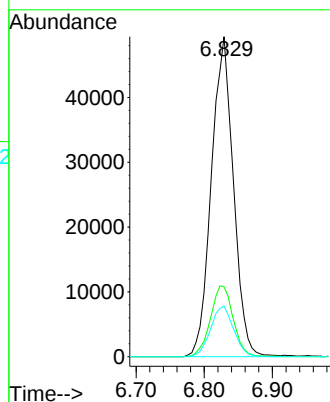
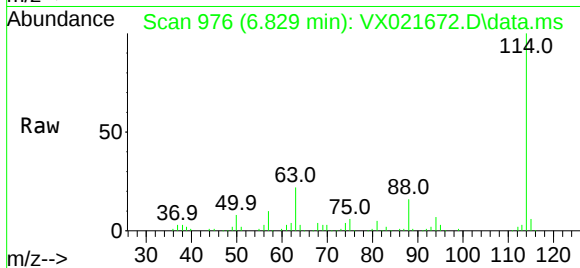
Tgt Ion:114 Resp: 111143

Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.8

88 15.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.58 ug/l

RT: 5.458 min Scan# 743

Delta R.T. -0.006 min

Lab File: VX021672.D

Acq: 31 Mar 2021 10:28

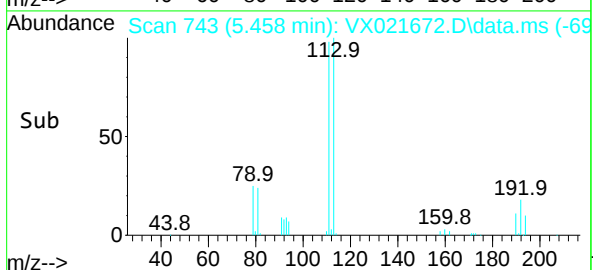
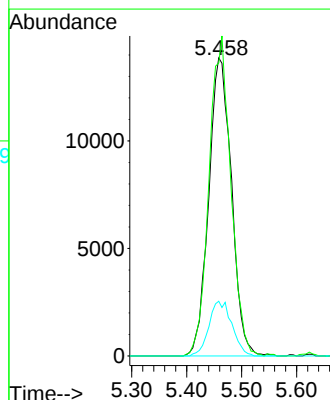
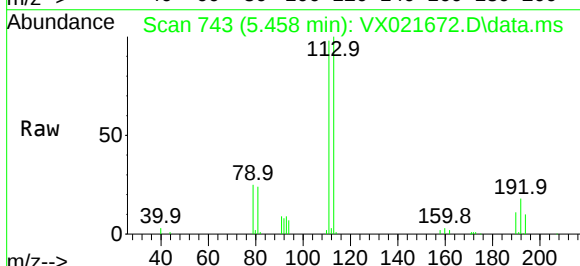
Tgt Ion:113 Resp: 39934

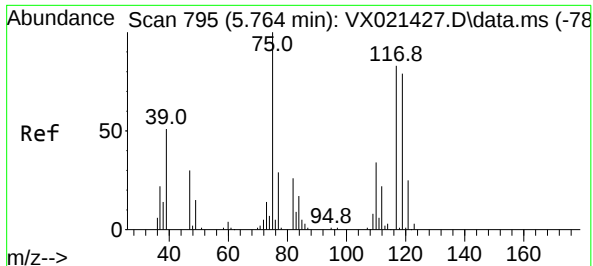
Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

192 18.5 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.11 ug/l

RT: 5.623 min Scan# 771

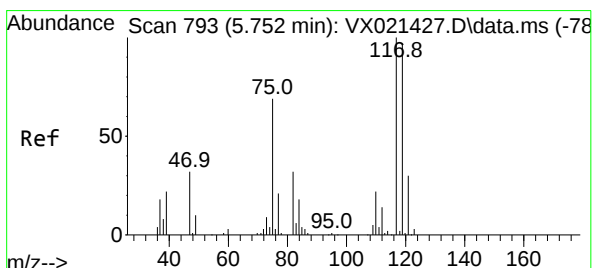
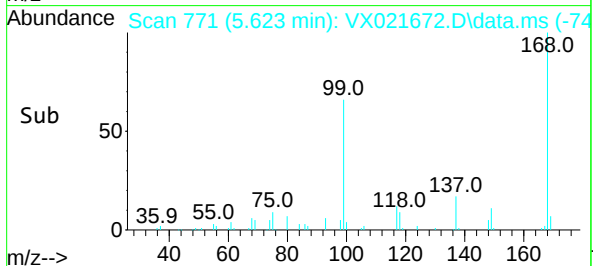
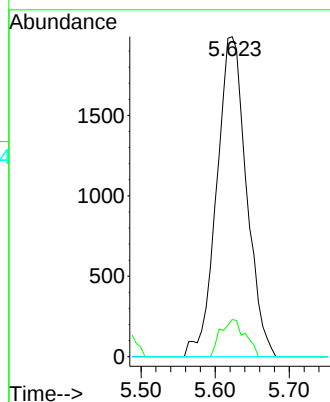
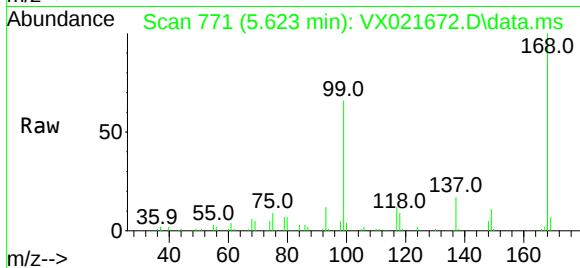
Delta R.T. -0.141 min

Lab File: VX021672.D

Acq: 31 Mar 2021 10:28

Tgt Ion:	75	Resp:	5562
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBL01



#38

Carbon Tetrachloride

Concen: 5.77 ug/l

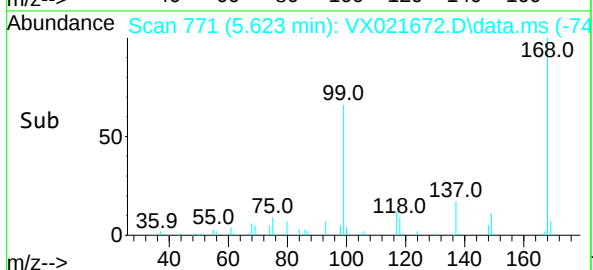
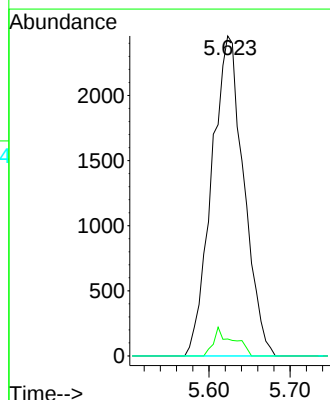
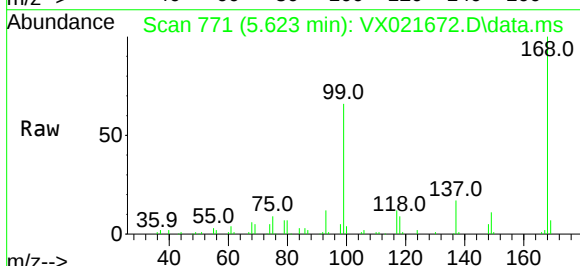
RT: 5.623 min Scan# 771

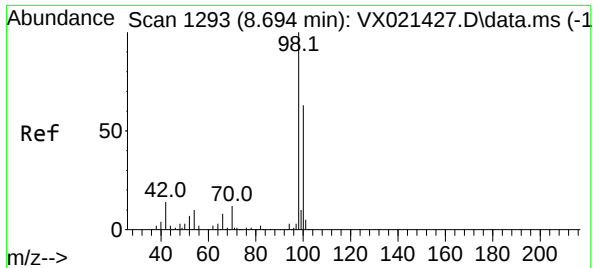
Delta R.T. -0.129 min

Lab File: VX021672.D

Acq: 31 Mar 2021 10:28

Tgt Ion:	117	Resp:	6751
Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.2	114.2#
121	0.0	24.8	37.2#

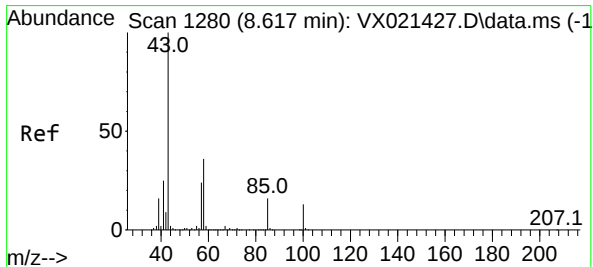
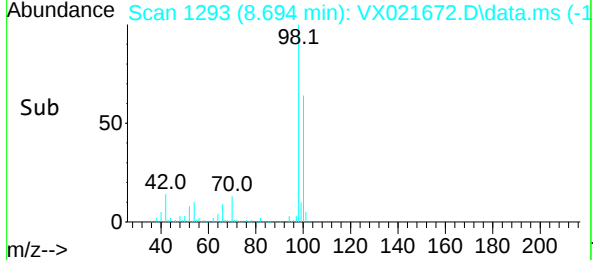
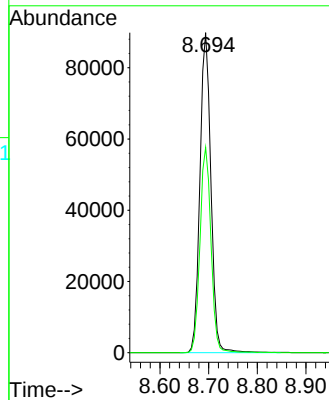
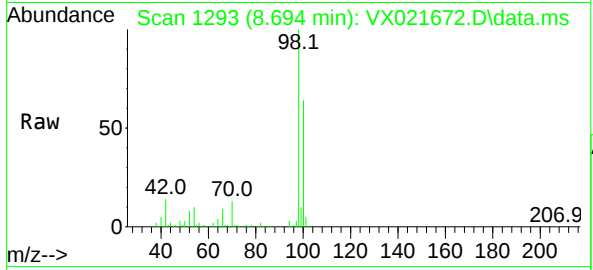




#50
Toluene-d8
Concen: 50.10 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021672.D
Acq: 31 Mar 2021 10:28

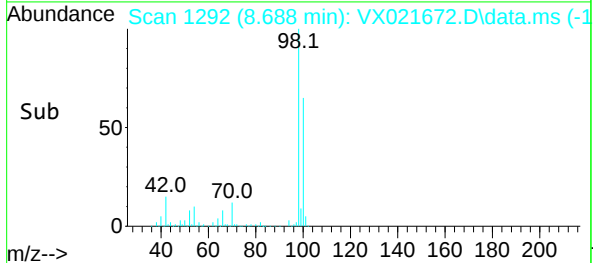
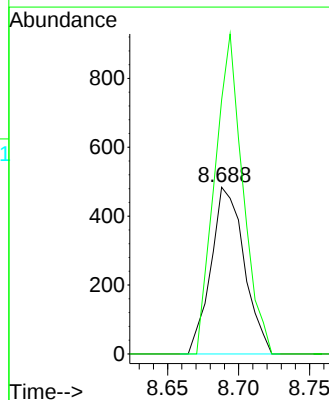
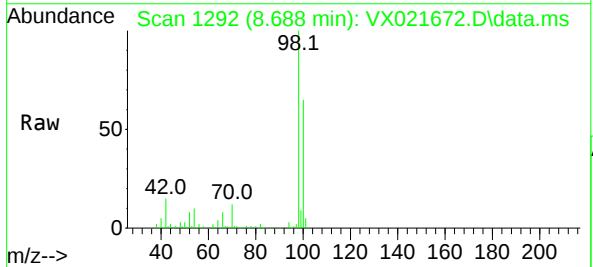
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBL01

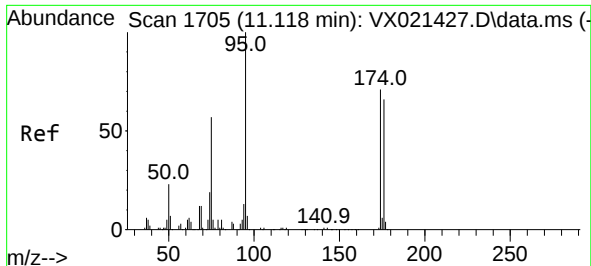
Tgt Ion: 98 Resp: 140956
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.63 ug/l
RT: 8.688 min Scan# 1292
Delta R.T. 0.071 min
Lab File: VX021672.D
Acq: 31 Mar 2021 10:28

Tgt Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
58 162.6 35.4 53.0#

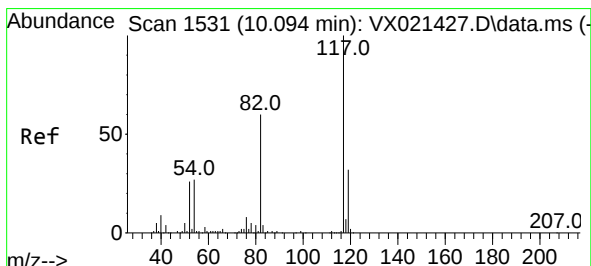
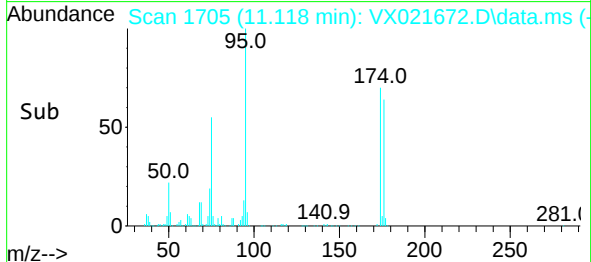
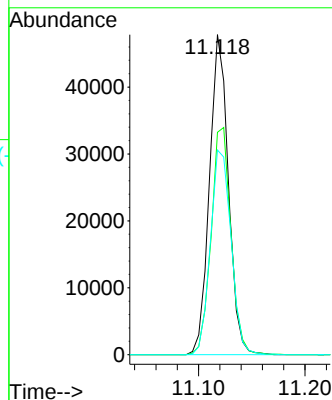
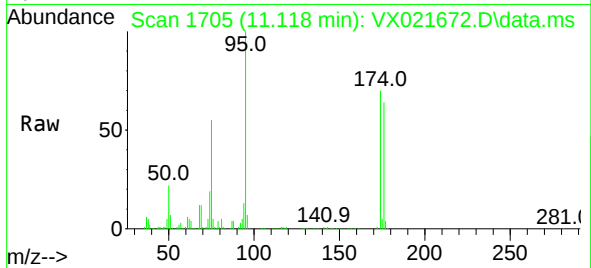




#62
4-Bromofluorobenzene
Concen: 53.94 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021672.D
Acq: 31 Mar 2021 10:28

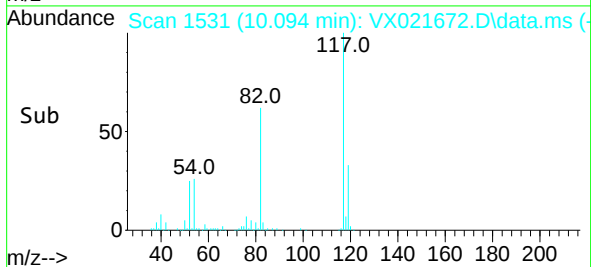
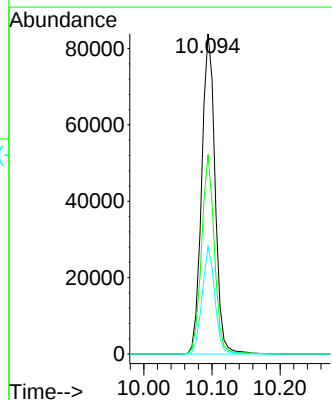
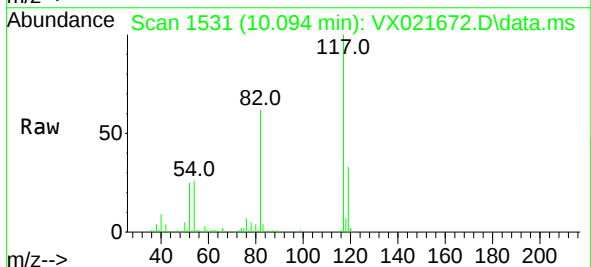
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBL01

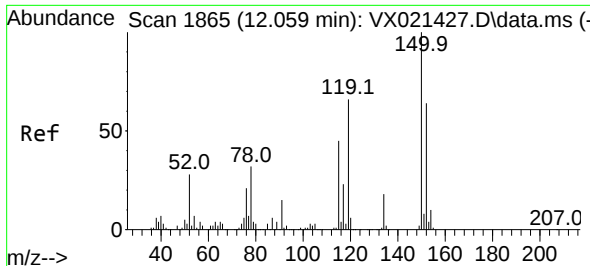
Tgt Ion: 95 Resp: 59000
Ion Ratio Lower Upper
95 100
174 74.4 0.0 154.6
176 70.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021672.D
Acq: 31 Mar 2021 10:28

Tgt Ion: 117 Resp: 114497
Ion Ratio Lower Upper
117 100
82 62.3 47.4 71.2
119 33.5 26.6 39.8

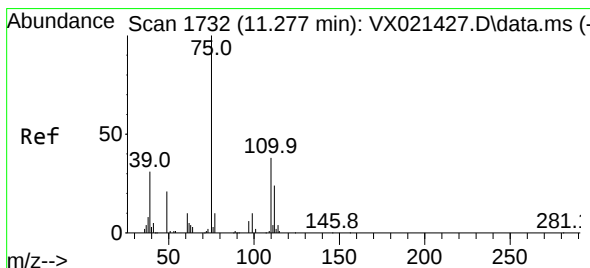
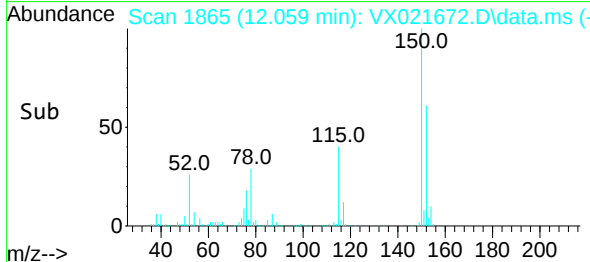
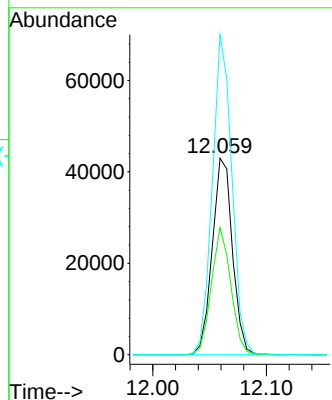
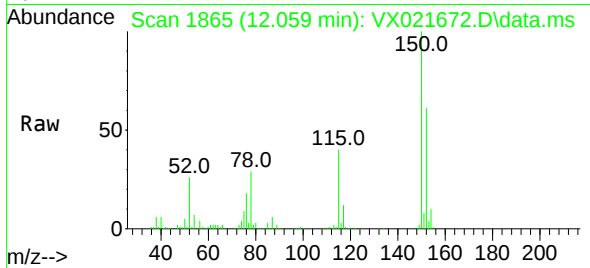




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021672.D
 Acq: 31 Mar 2021 10:28

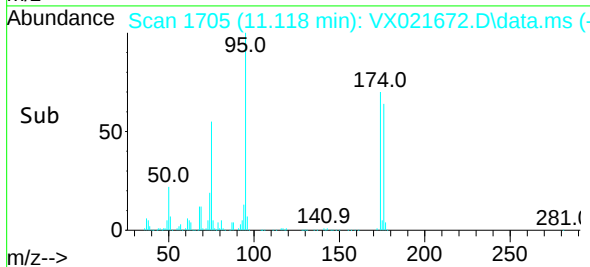
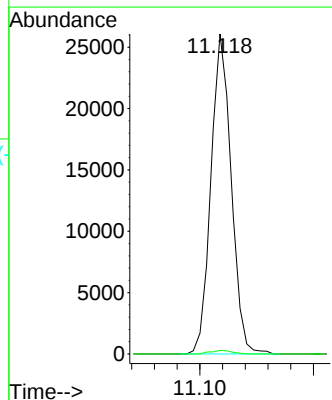
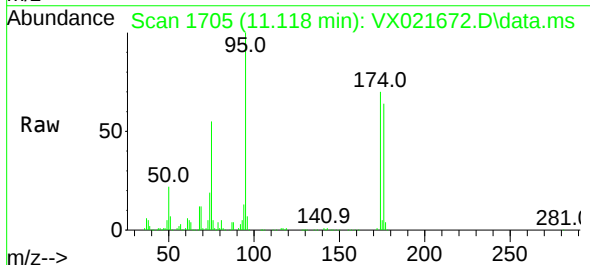
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBL01

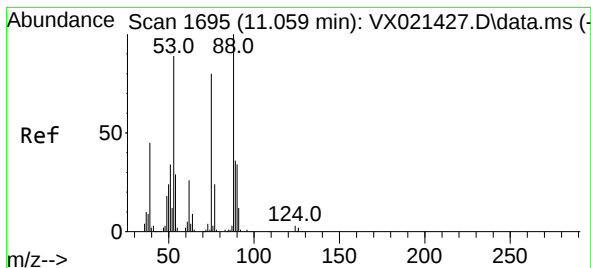
Tgt Ion:152 Resp: 53101
 Ion Ratio Lower Upper
 152 100
 115 62.2 41.1 123.3
 150 157.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.12 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021672.D
 Acq: 31 Mar 2021 10:28

Tgt Ion: 75 Resp: 32290
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

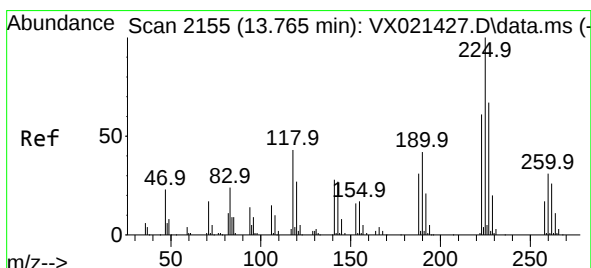
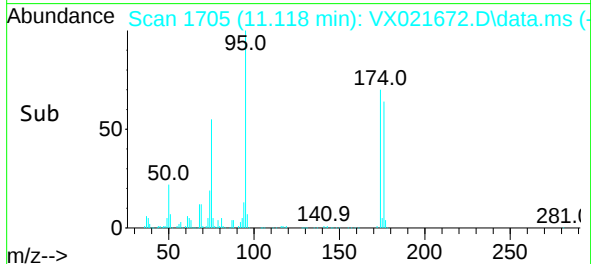
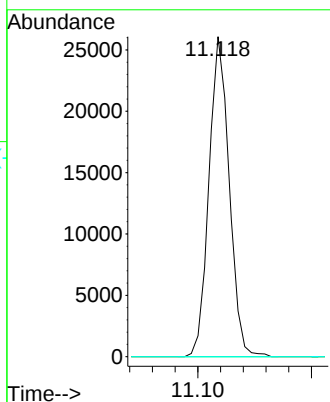
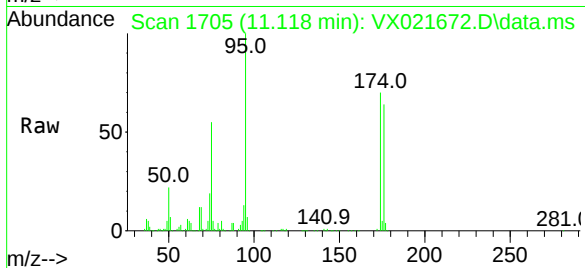




#81
trans-1,4-Dichloro-2-butene
Concen: 79.56 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021672.D
Acq: 31 Mar 2021 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBL01

Tgt Ion: 75 Resp: 32290
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.24 ug/l
RT: 13.765 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VX021672.D
Acq: 31 Mar 2021 10:28

Tgt Ion: 225 Resp: 116
Ion Ratio Lower Upper
225 100
223 62.9 31.1 93.2
227 66.4 31.6 95.0

