

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
 Data File : VX021772.D
 Acq On : 20 Apr 2021 22:36
 Operator : JC/MD
 Sample : M2107-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Apr 21 11:26:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

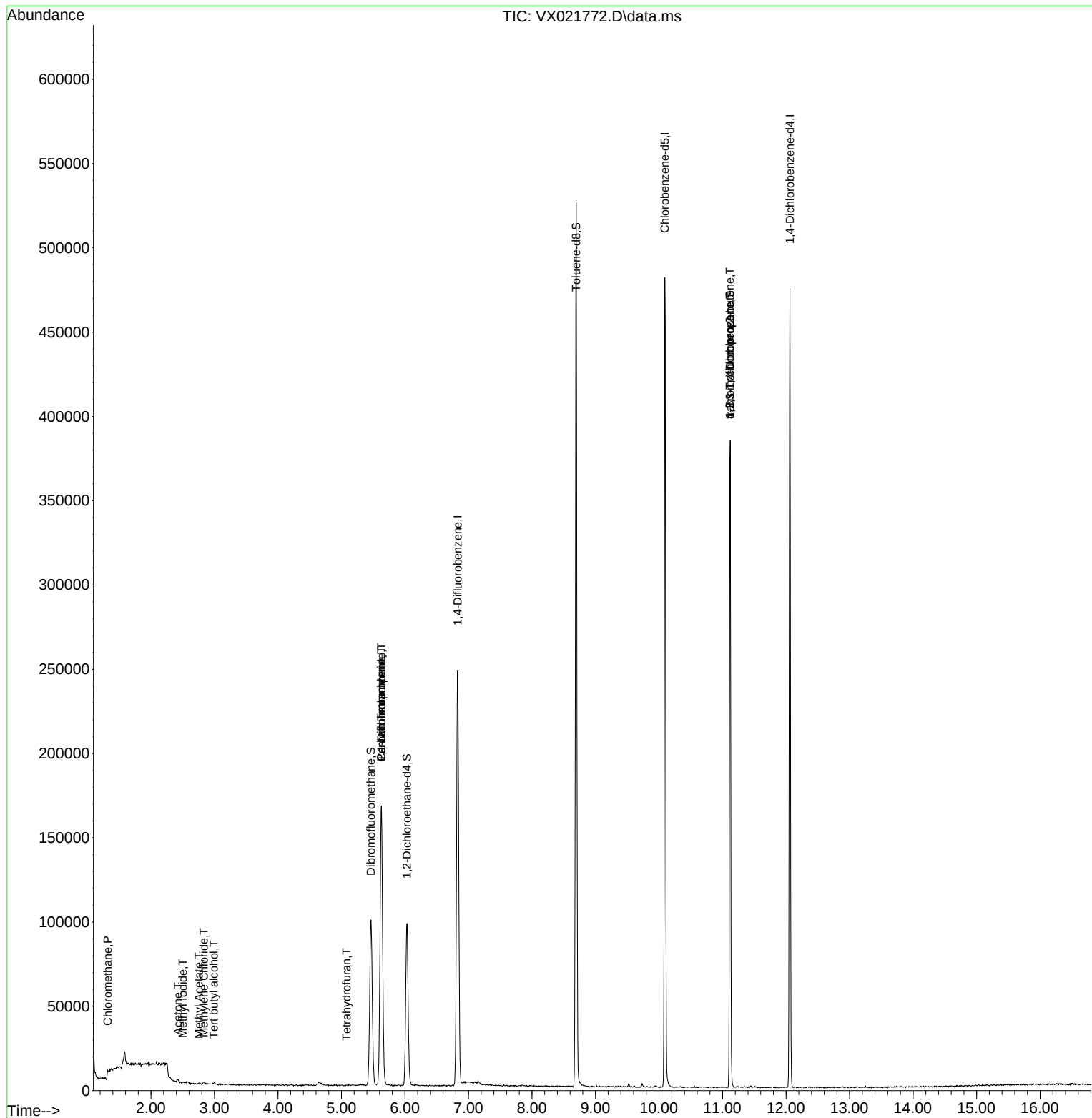
Internal Standards						
1) Pentafluorobenzene	5.629	168	168358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	273753	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	238788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	104591	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	91488	47.90	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.80%
35) Dibromofluoromethane	5.464	113	86915	49.65	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.30%
50) Toluene-d8	8.695	98	322935	47.98	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.96%
62) 4-Bromofluorobenzene	11.116	95	108425	43.13	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.26%
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	3375	1.88	ug/l	94
10) Methyl Iodide	2.501	142	133	8.24	ug/l #	52
11) Tert butyl alcohol	2.989	59	521	1.25	ug/l #	65
16) Acetone	2.428	43	1193	1.82	ug/l	100
18) Methyl Acetate	2.751	43	616	0.35	ug/l	92
20) Methylene Chloride	2.831	84	654	0.33	ug/l #	84
29) Tetrahydrofuran	5.080	42	233	0.32	ug/l #	33
36) 1,1-Dichloropropene	5.629	75	10955	4.53	ug/l #	49
38) Carbon Tetrachloride	5.629	117	15681	5.93	ug/l #	15
76) 1,2,3-Trichloropropane	11.116	75	49737	23.98	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	49737	55.14	ug/l #	12

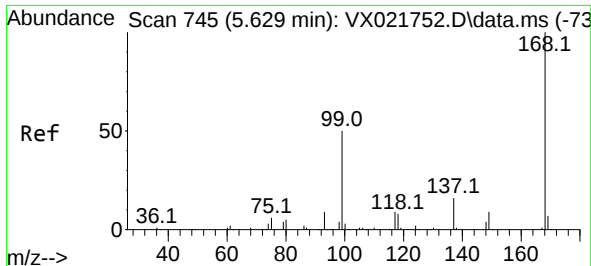
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
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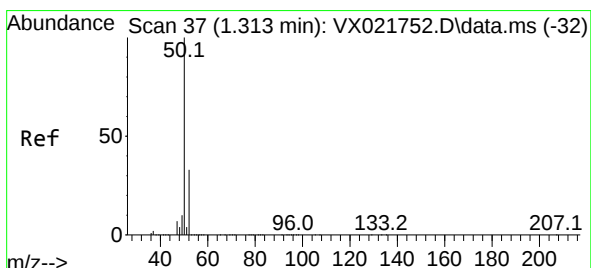
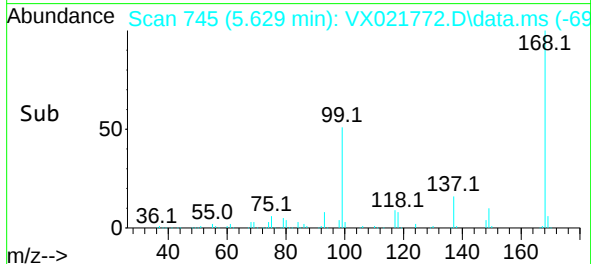
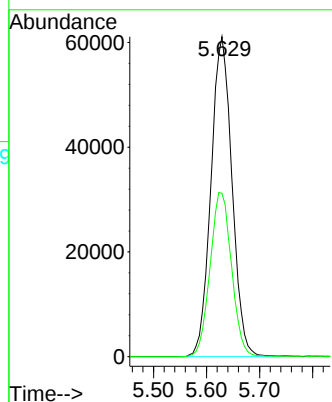
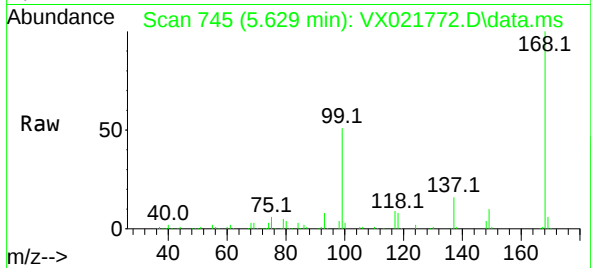




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021772.D
Acq: 20 Apr 2021 22:36

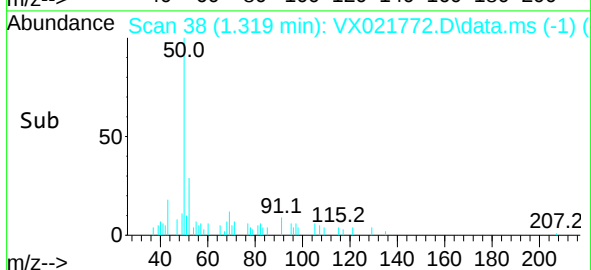
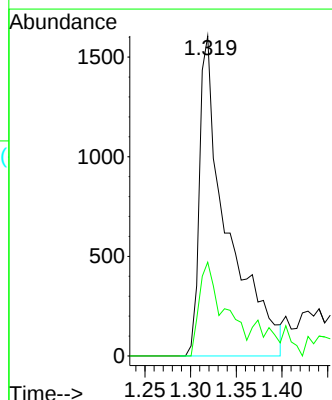
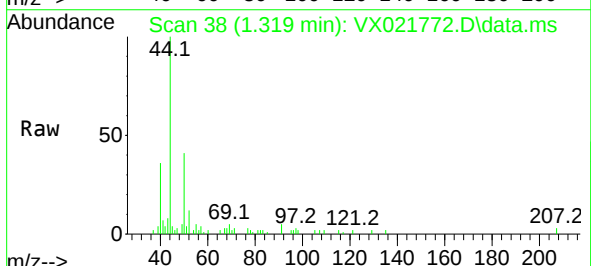
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

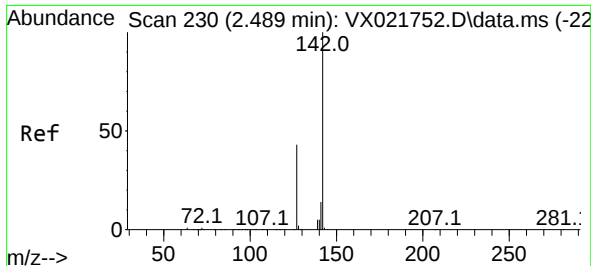
Tgt Ion:168 Resp: 168358
Ion Ratio Lower Upper
168 100
99 51.1 45.8 68.6



#3
Chloromethane
Concen: 1.88 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021772.D
Acq: 20 Apr 2021 22:36

Tgt Ion: 50 Resp: 3375
Ion Ratio Lower Upper
50 100
52 29.3 26.4 39.6

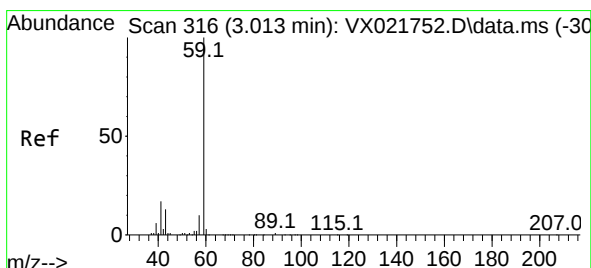
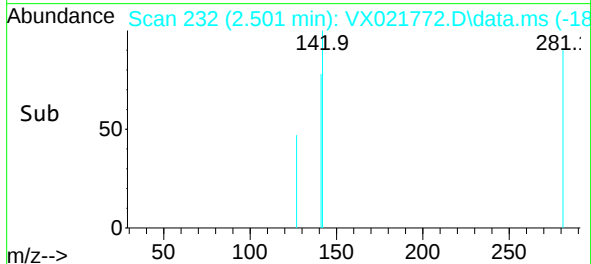
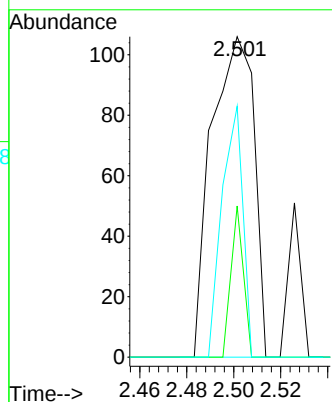
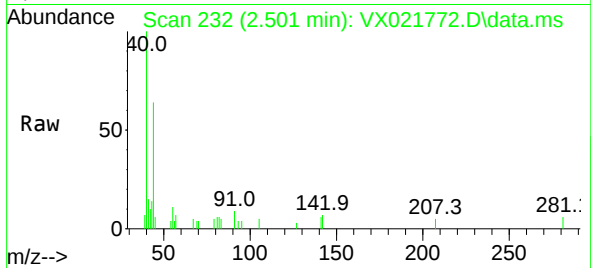




#10
Methyl Iodide
Concen: 8.24 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.012 min
Lab File: VX021772.D
Acq: 20 Apr 2021 22:36

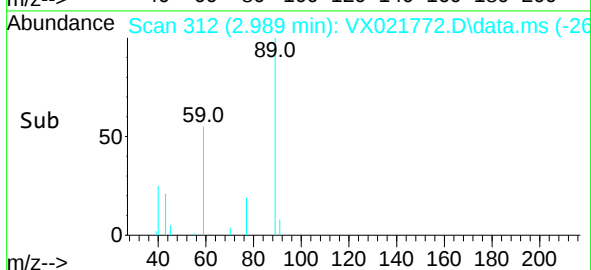
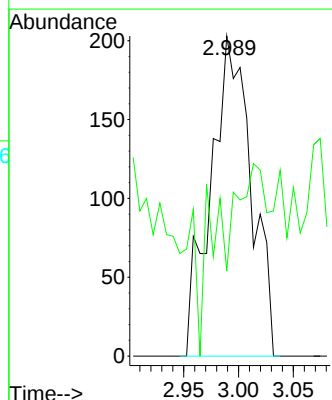
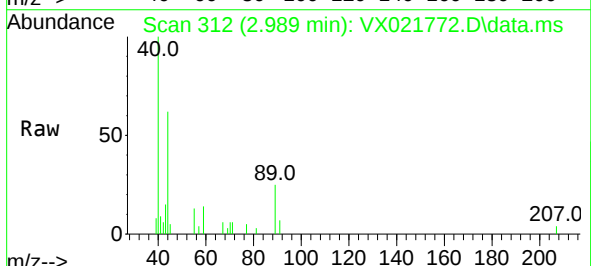
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

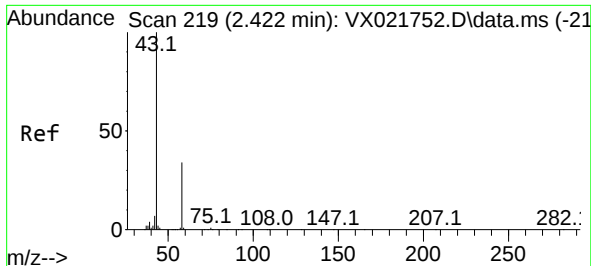
Tgt Ion:142 Resp: 133
Ion Ratio Lower Upper
142 100
127 13.5 33.3 49.9#
141 38.3 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.25 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.024 min
Lab File: VX021772.D
Acq: 20 Apr 2021 22:36

Tgt Ion: 59 Resp: 521
Ion Ratio Lower Upper
59 100
57 22.8 7.8 11.8#

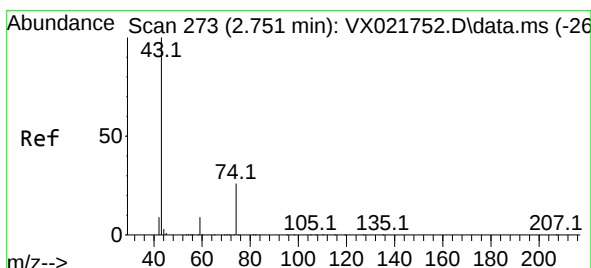
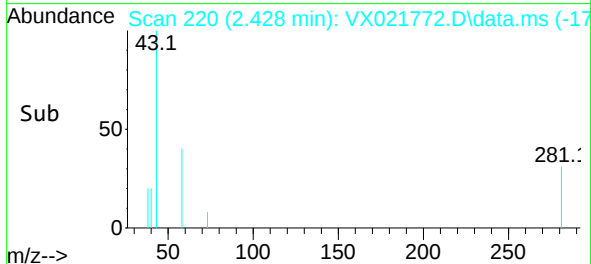
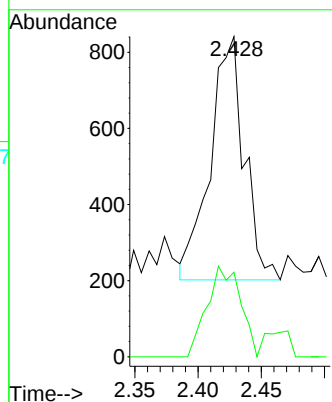
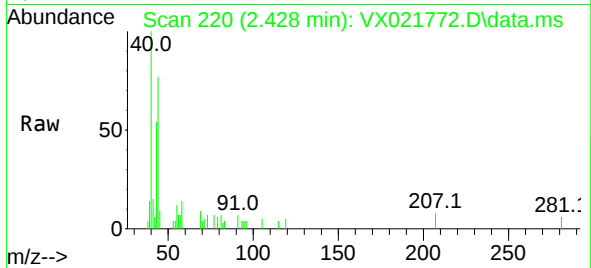




#16
Acetone
Concen: 1.82 ug/l
RT: 2.428 min Scan# 220
Delta R.T. 0.006 min
Lab File: VX021772.D
Acq: 20 Apr 2021 22:36

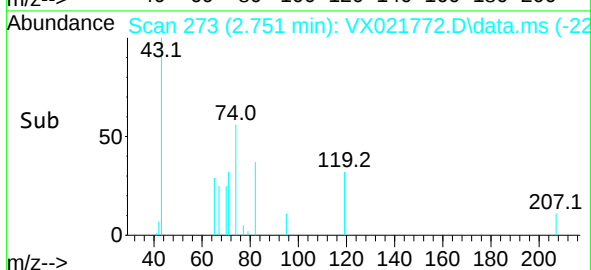
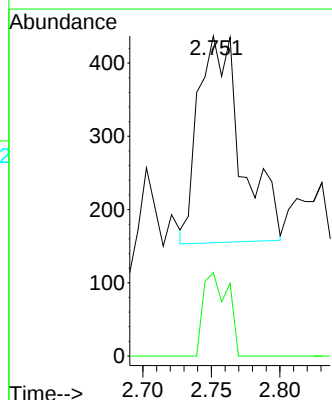
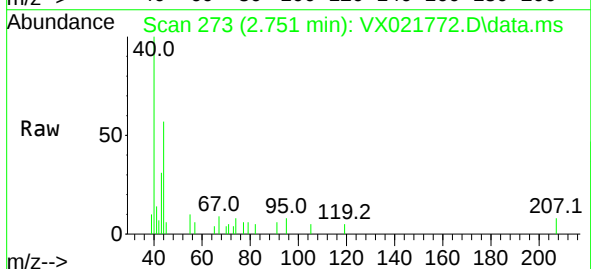
Instrument :
MSVOA_X
ClientSampleId :
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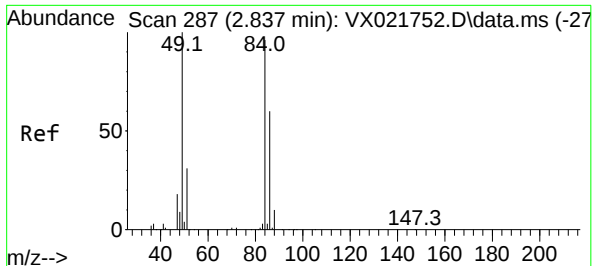
Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
58 34.7 27.8 41.8



#18
Methyl Acetate
Concen: 0.35 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.000 min
Lab File: VX021772.D
Acq: 20 Apr 2021 22:36

Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
74 23.1 21.9 32.9





#20

Methylene Chloride

Concen: 0.33 ug/l

RT: 2.831 min Scan# 286

Delta R.T. -0.006 min

Lab File: VX021772.D

Acq: 20 Apr 2021 22:36

Tgt Ion: 84 Resp: 654

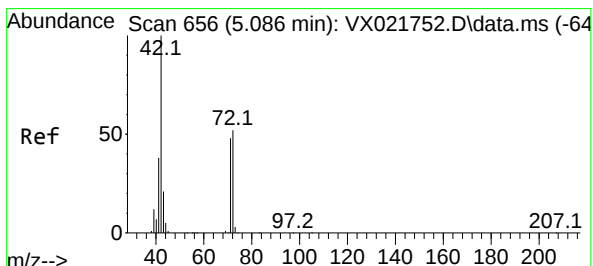
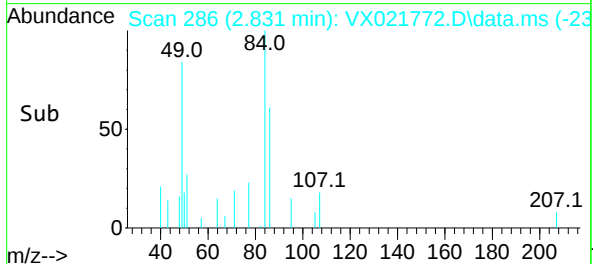
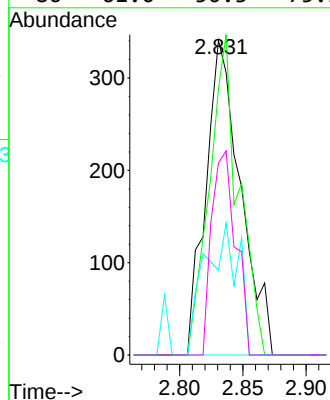
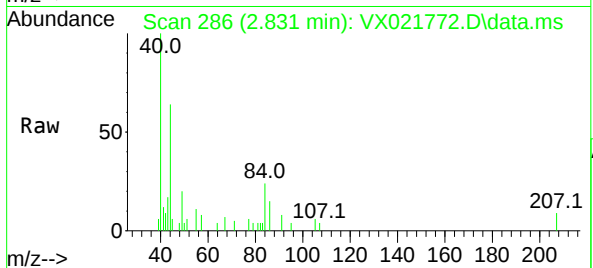
Ion Ratio Lower Upper

84 100

49 84.5 88.6 132.8#

51 27.0 27.0 40.6#

86 61.0 50.3 75.5



#29

Tetrahydrofuran

Concen: 0.32 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX021772.D

Acq: 20 Apr 2021 22:36

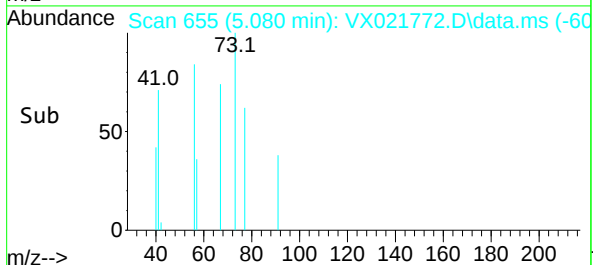
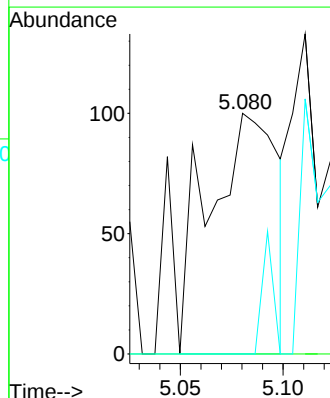
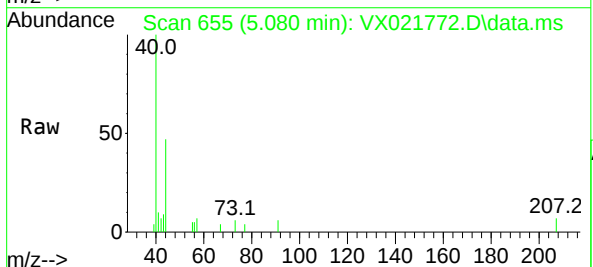
Tgt Ion: 42 Resp: 233

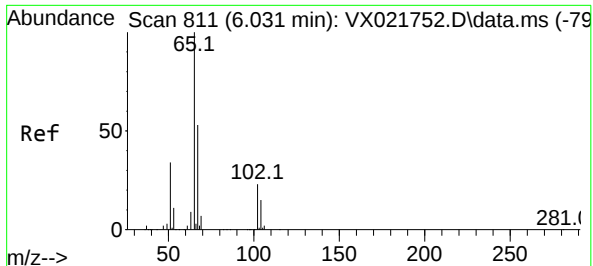
Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

71 8.2 38.4 57.6#





#33

1,2-Dichloroethane-d4

Concen: 47.90 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX021772.D

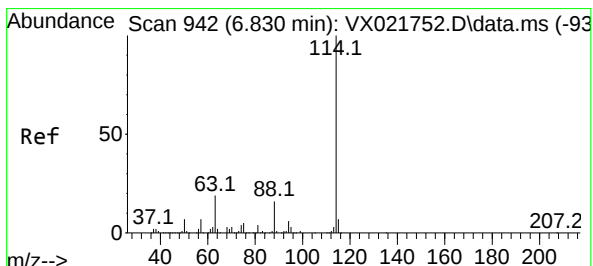
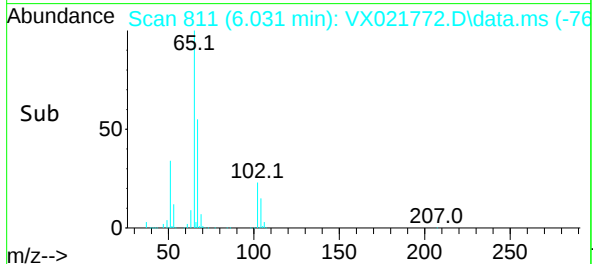
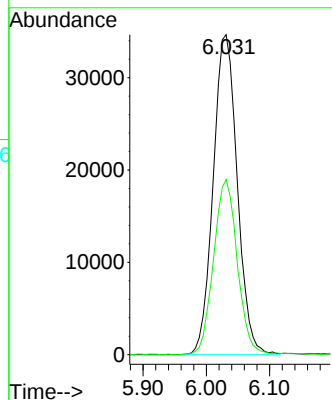
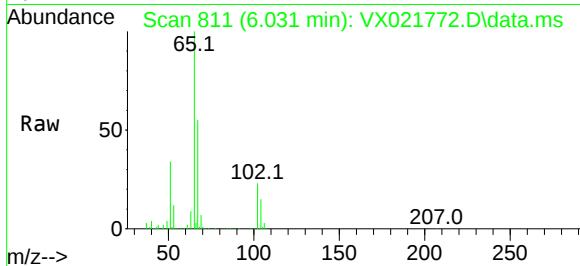
Acq: 20 Apr 2021 22:36

Tgt Ion: 65 Resp: 91488

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. -0.000 min

Lab File: VX021772.D

Acq: 20 Apr 2021 22:36

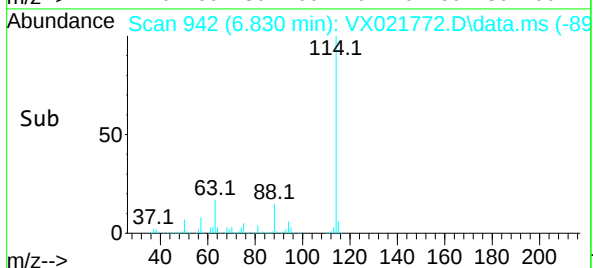
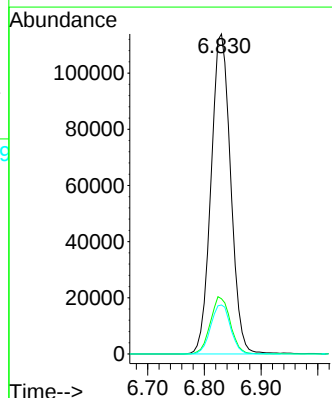
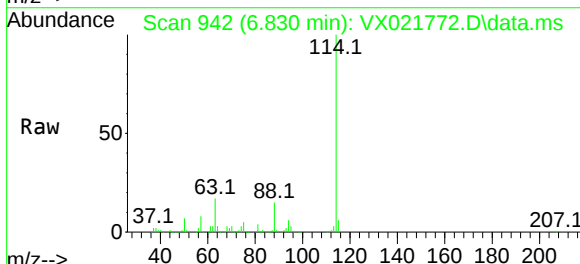
Tgt Ion: 114 Resp: 273753

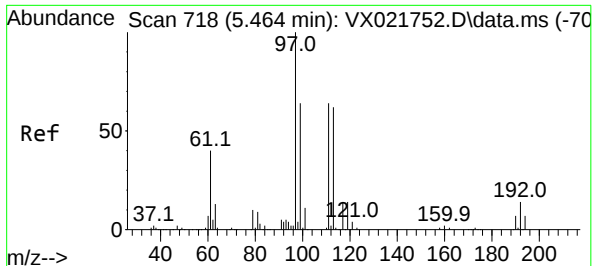
Ion Ratio Lower Upper

114 100

63 17.3 0.0 40.8

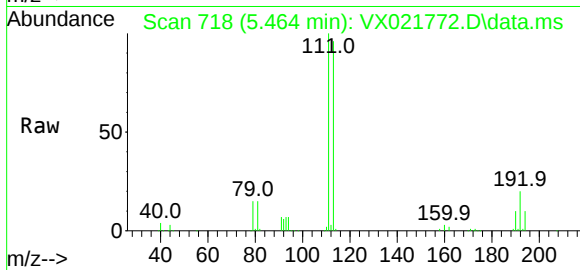
88 15.3 0.0 32.8



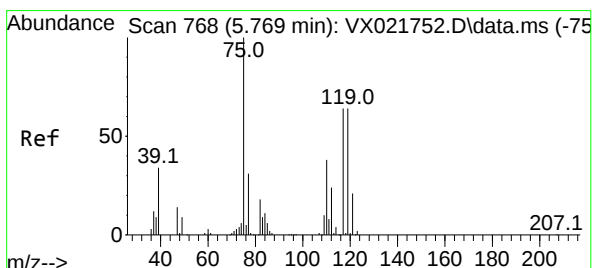
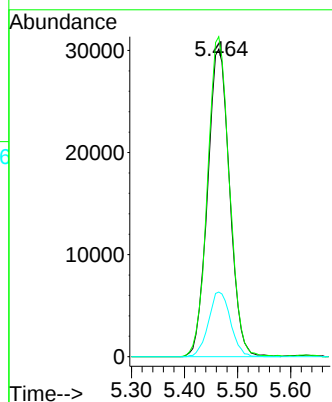
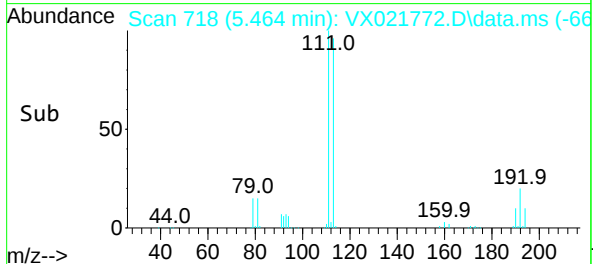


#35
Dibromofluoromethane
Concen: 49.65 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021772.D
Acq: 20 Apr 2021 22:36

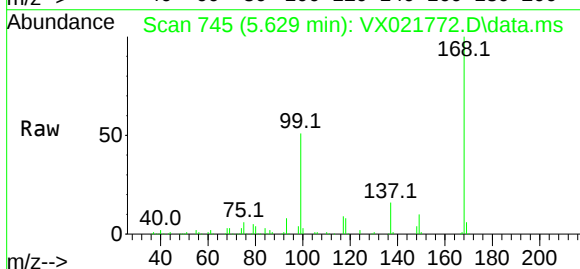
Instrument :
MSVOA_X
ClientSampleId :
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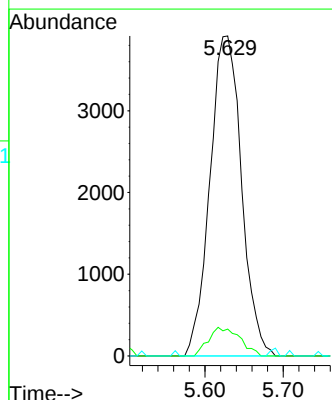
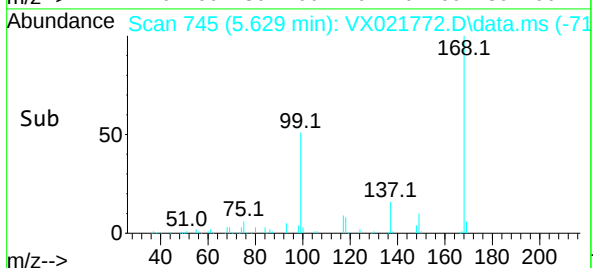
Tgt Ion:113 Resp: 86915
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 21.0 16.7 25.1

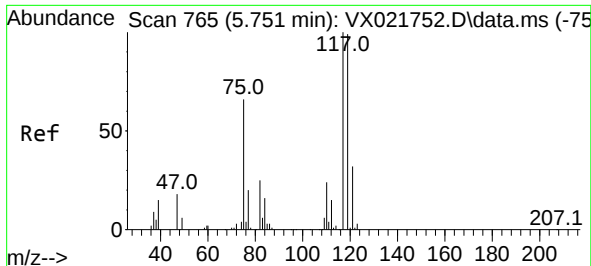


#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021772.D
Acq: 20 Apr 2021 22:36



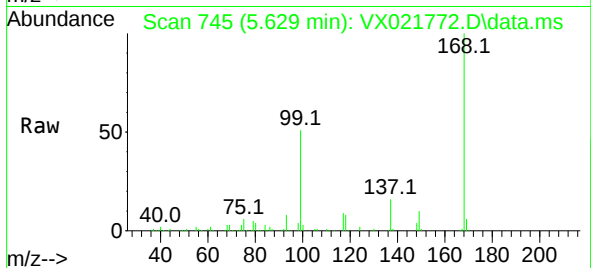
Tgt Ion: 75 Resp: 10955
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



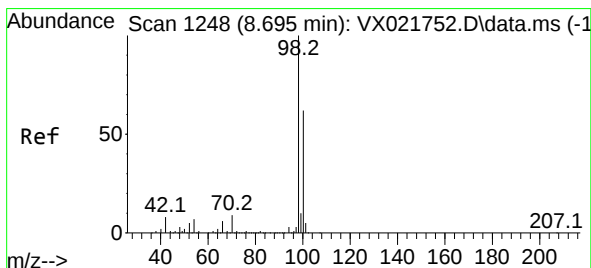
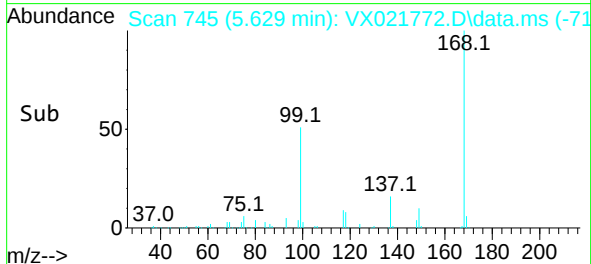
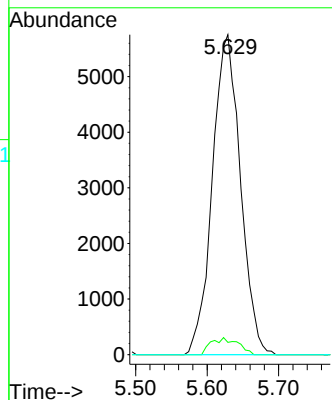


#38
Carbon Tetrachloride
Concen: 5.93 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021772.D
Acq: 20 Apr 2021 22:36

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

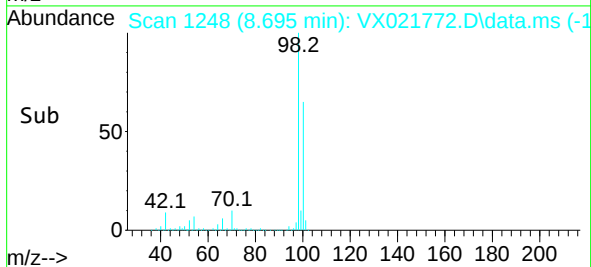
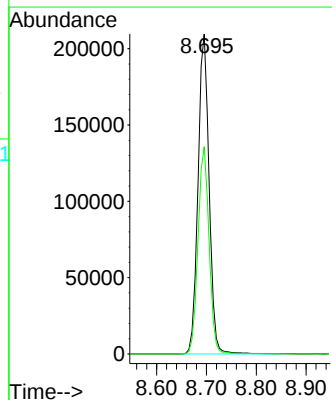
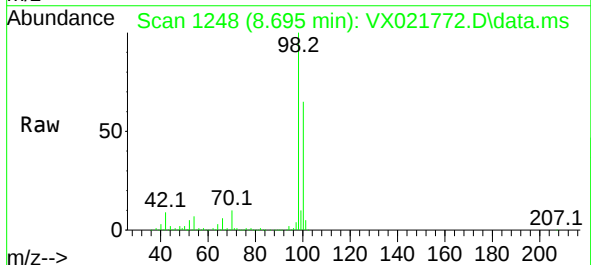


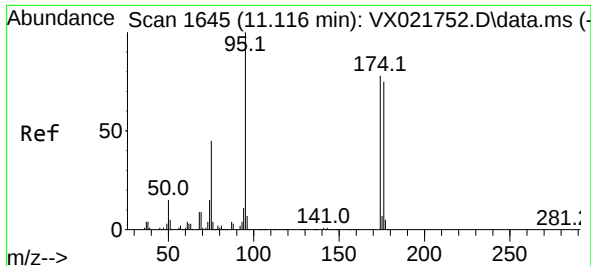
Tgt Ion:117 Resp: 15681
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.98 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021772.D
Acq: 20 Apr 2021 22:36

Tgt Ion: 98 Resp: 322935
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

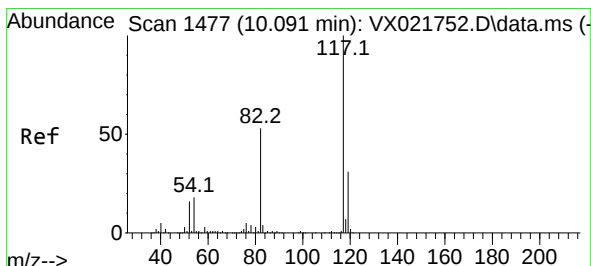
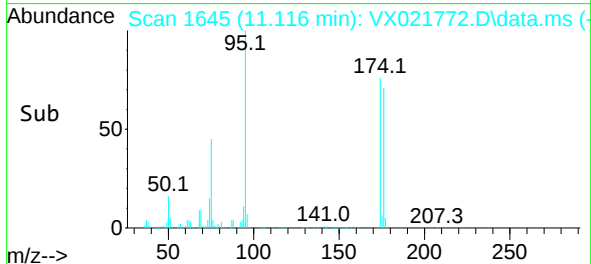
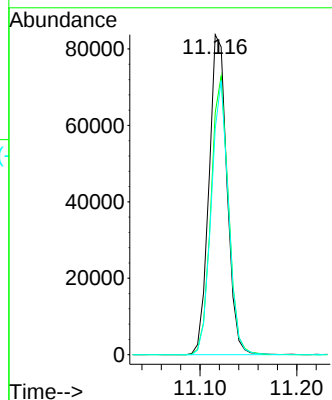
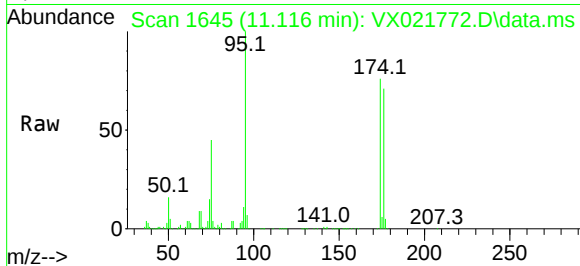




#62
4-Bromofluorobenzene
Concen: 43.13 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021772.D
Acq: 20 Apr 2021 22:36

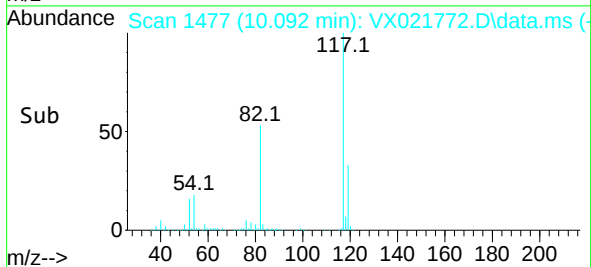
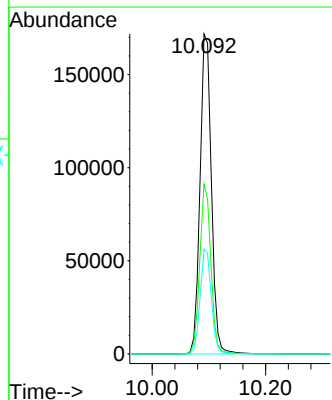
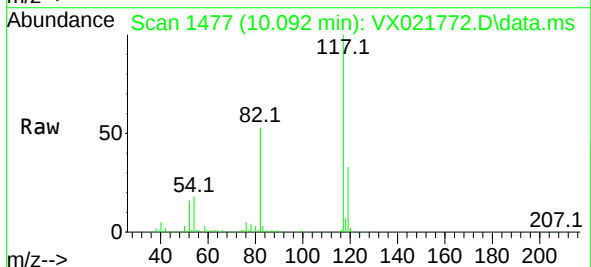
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MSVOA_X
ClientSampleId :
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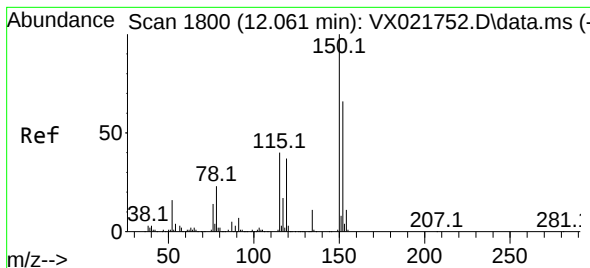
Tgt Ion: 95 Resp: 108425
Ion Ratio Lower Upper
95 100
174 84.6 0.0 154.6
176 81.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021772.D
Acq: 20 Apr 2021 22:36

Tgt Ion: 117 Resp: 238788
Ion Ratio Lower Upper
117 100
82 53.1 47.4 71.2
119 32.8 26.6 39.8

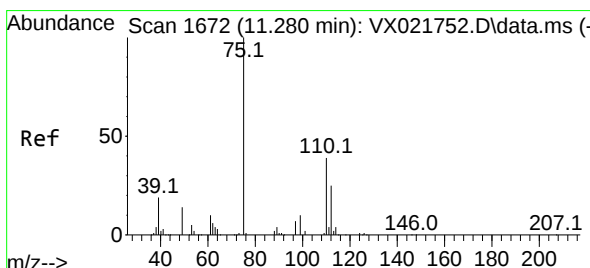
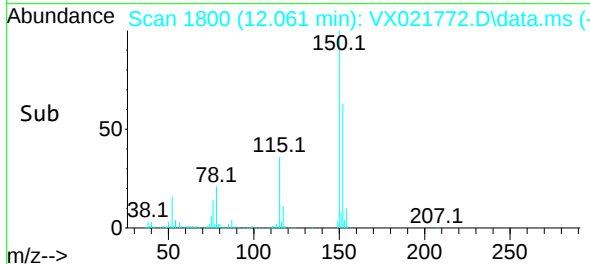
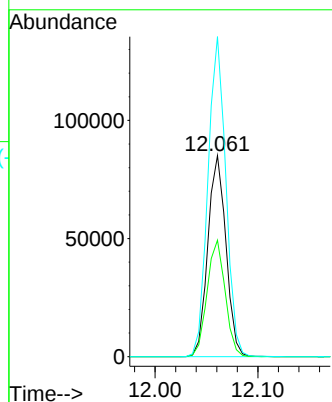
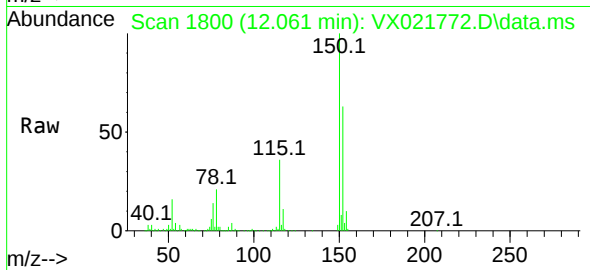




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021772.D
 Acq: 20 Apr 2021 22:36

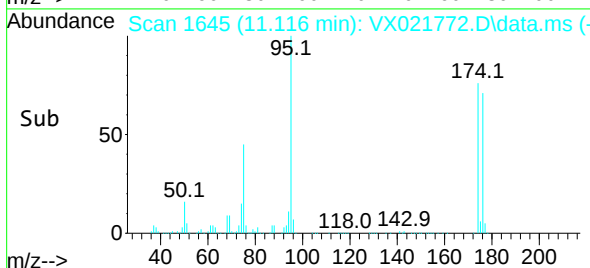
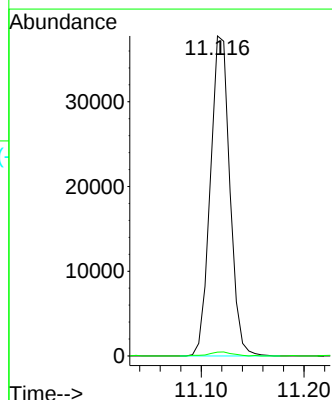
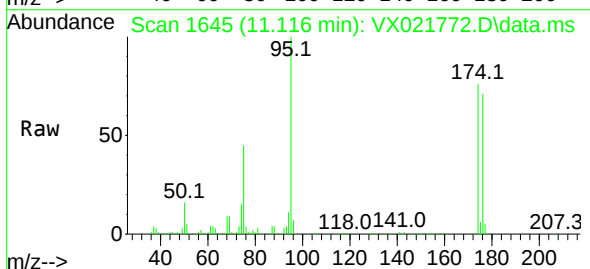
Instrument :
 MSVOA_X
 ClientSampleId :
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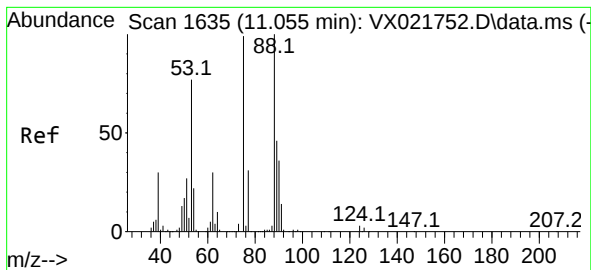
Tgt Ion:152 Resp: 104591
 Ion Ratio Lower Upper
 152 100
 115 57.8 41.1 123.3
 150 157.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 23.98 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021772.D
 Acq: 20 Apr 2021 22:36

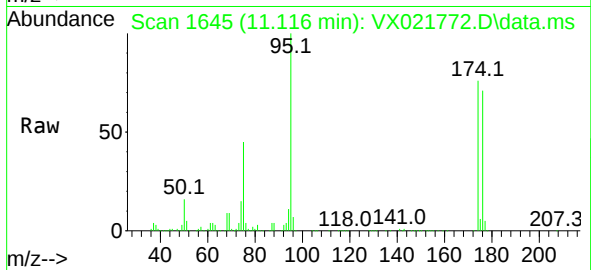
Tgt Ion: 75 Resp: 49737
 Ion Ratio Lower Upper
 75 100
 77 1.6 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.14 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX021772.D
 Acq: 20 Apr 2021 22:36

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK



Tgt Ion: 75 Resp: 49737
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

