

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122420\
 Data File : VX020393.D
 Acq On : 24 Dec 2020 17:20
 Operator : JC/MD
 Sample : L5123-19DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D2-20201214DL

Quant Time: Dec 25 01:15:27 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	241048	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	403050	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	375614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	158666	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.031	65	162211	50.20	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.40%	
35) Dibromofluoromethane	5.464	113	130226	50.51	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.02%	
50) Toluene-d8	8.696	98	493280	49.70	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.40%	
62) 4-Bromofluorobenzene	11.122	95	169577	44.64	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 89.28%	

Target Compounds

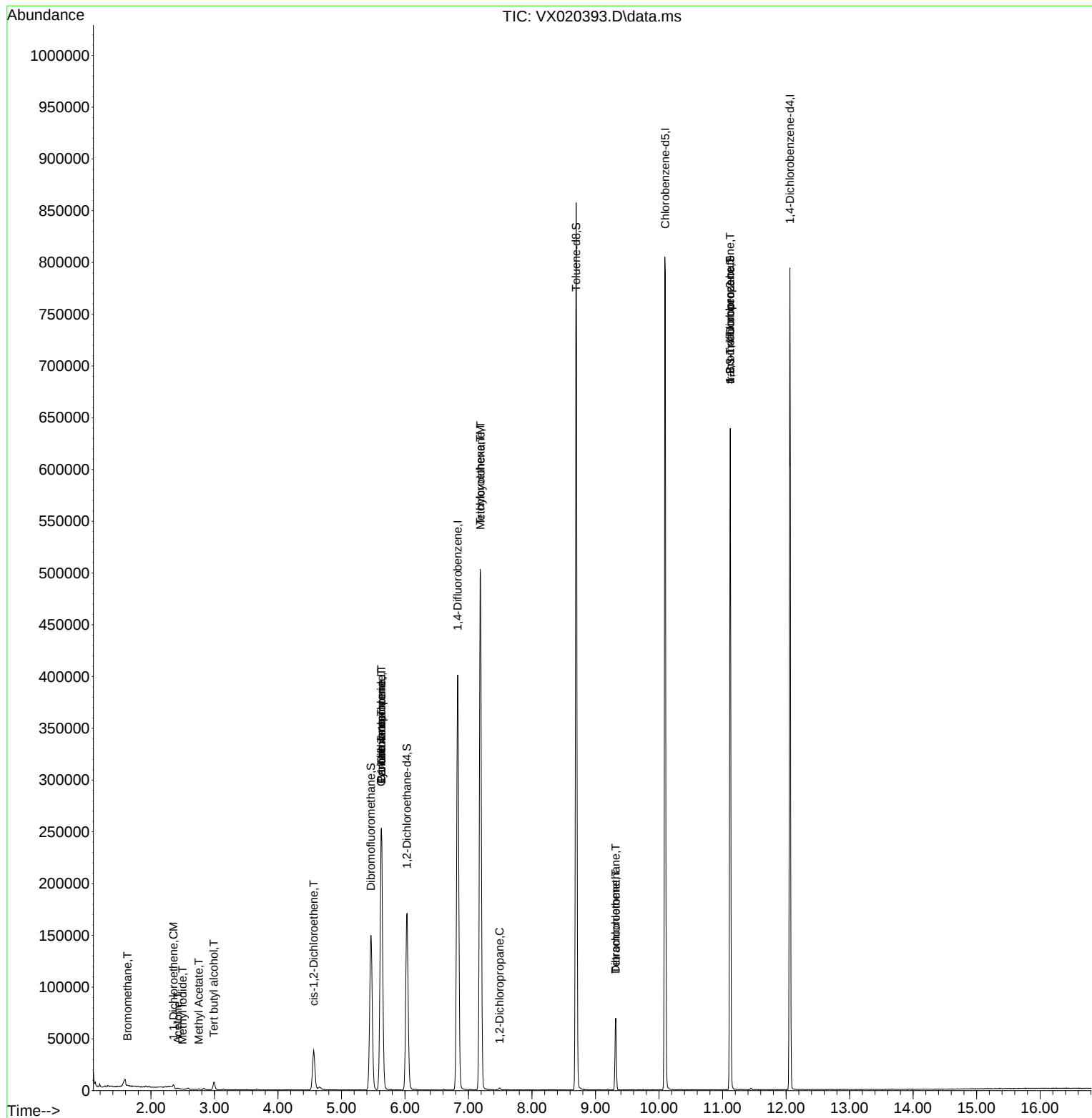
						Qvalue
5) Bromomethane	1.630	94	483	0.46	ug/l #	52
10) Methyl Iodide	2.495	142	82	3.31	ug/l #	42
11) Tert butyl alcohol	2.989	59	4365	6.03	ug/l #	75
12) 1,1-Dichloroethene	2.355	96	1387	0.56	ug/l	86
16) Acetone	2.422	43	958	0.65	ug/l #	87
18) Methyl Acetate	2.751	43	904	0.28	ug/l	91
27) cis-1,2-Dichloroethene	4.562	96	24296	7.20	ug/l	92
31) Cyclohexane	5.623	56	4926	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	18719	4.70	ug/l #	49
38) Carbon Tetrachloride	5.629	117	23569	6.22	ug/l #	17
39) Methylcyclohexane	7.190	83	2372	0.52	ug/l #	1
44) Trichloroethene	7.184	130	198740	62.00	ug/l	100
45) 1,2-Dichloropropane	7.488	63	780	0.25	ug/l #	84
60) Dibromochloromethane	9.317	129	12877	4.16	ug/l #	11
64) Tetrachloroethene	9.317	164	13401	4.74	ug/l	90
76) 1,2,3-Trichloropropane	11.122	75	83085	21.26	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	83085	63.07	ug/l #	12

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

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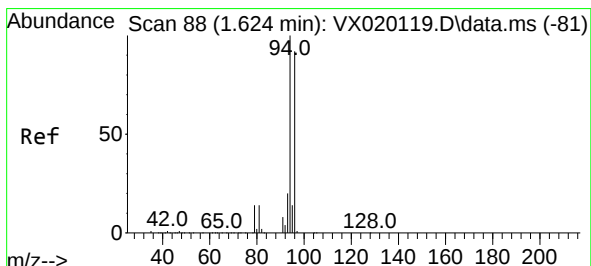
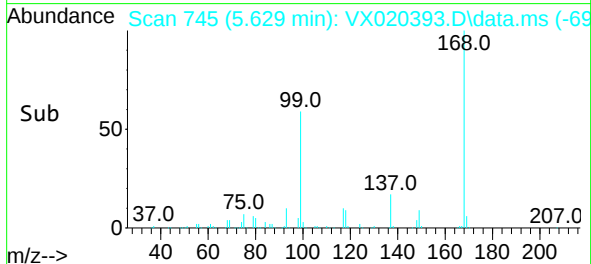
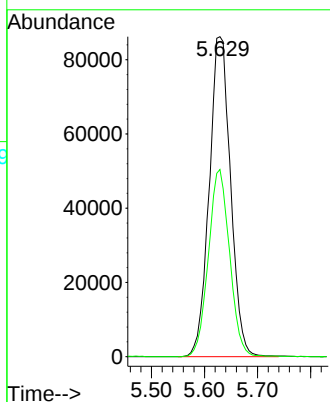
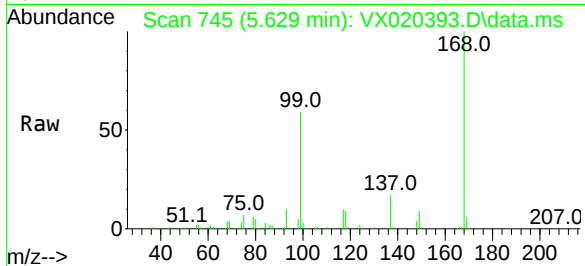




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020393.D
Acq: 24 Dec 2020 17:20

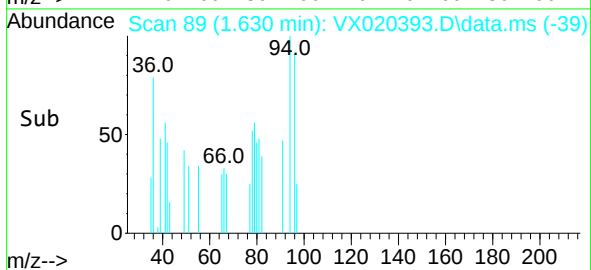
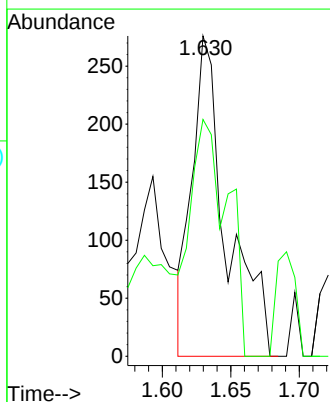
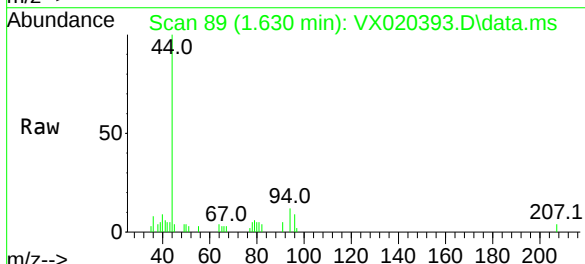
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20201214DL

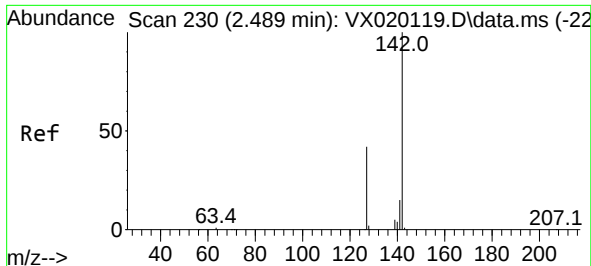
Tgt Ion:168 Resp: 241048
Ion Ratio Lower Upper
168 100
99 58.5 45.8 68.6



#5
Bromomethane
Concen: 0.46 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020393.D
Acq: 24 Dec 2020 17:20

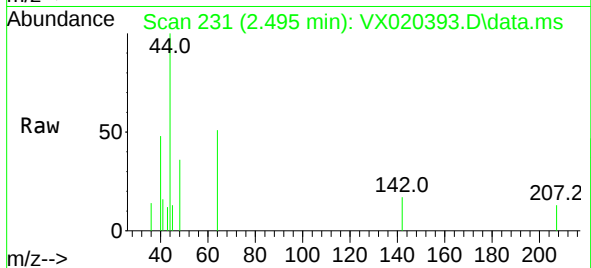
Tgt Ion: 94 Resp: 483
Ion Ratio Lower Upper
94 100
96 48.6 76.4 114.6#



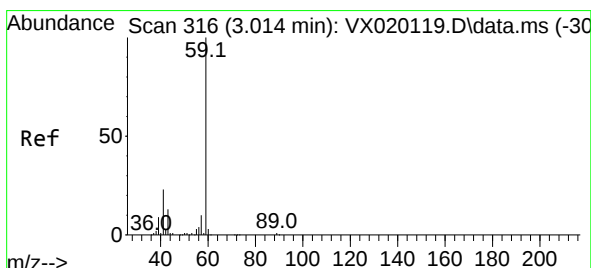
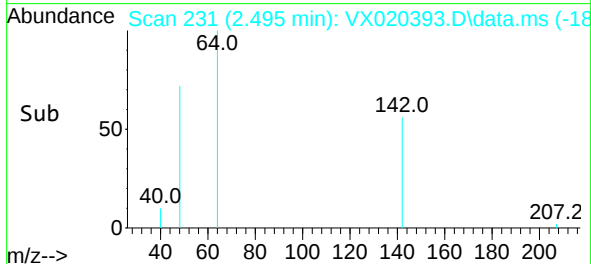
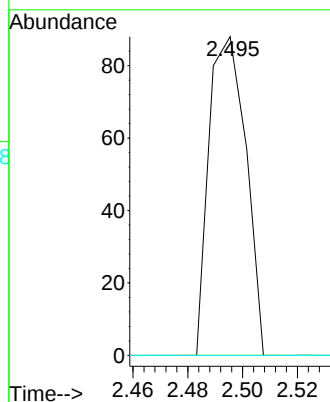


#10
Methyl Iodide
Concen: 3.31 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020393.D
Acq: 24 Dec 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20201214DL

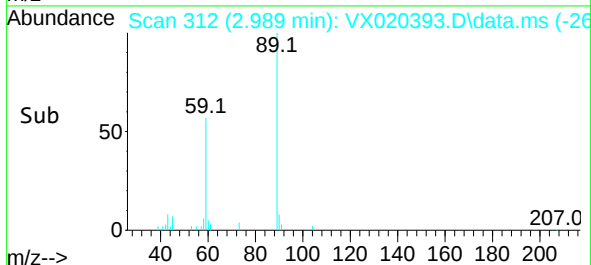
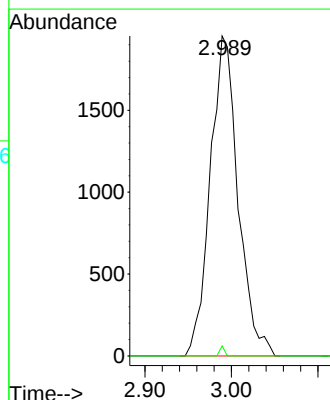
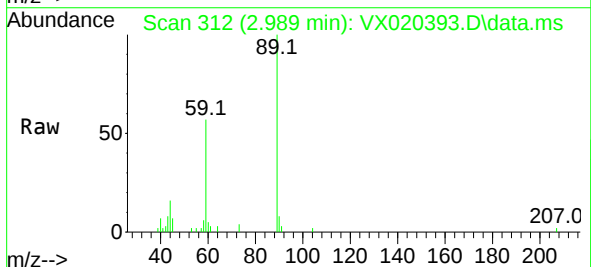


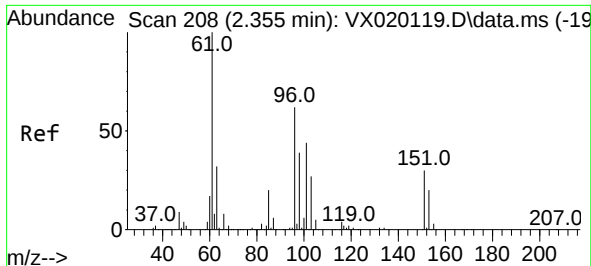
Tgt Ion:142 Resp: 82
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 6.03 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020393.D
Acq: 24 Dec 2020 17:20

Tgt Ion: 59 Resp: 4365
Ion Ratio Lower Upper
59 100
57 0.5 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.56 ug/l

RT: 2.355 min Scan# 208

Delta R.T. 0.000 min

Lab File: VX020393.D

Acq: 24 Dec 2020 17:20

Tgt Ion: 96 Resp: 1387

Ion Ratio Lower Upper

96 100

61 133.7 124.6 187.0

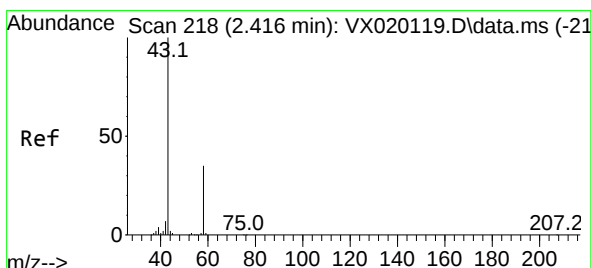
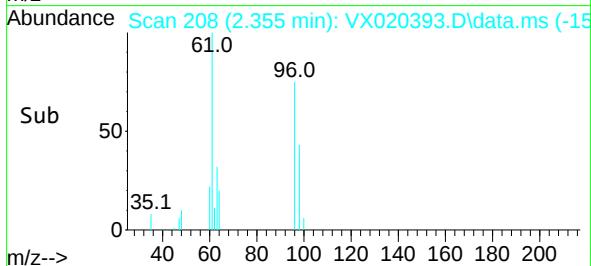
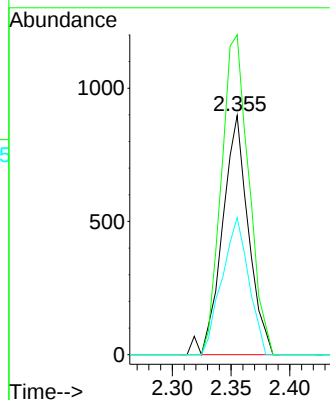
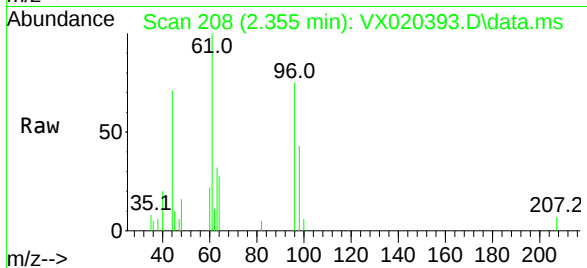
98 57.2 50.6 76.0

Instrument :

MSVOA_X

ClientSampleId :

MW179D2-20201214DL



#16

Acetone

Concen: 0.65 ug/l

RT: 2.422 min Scan# 219

Delta R.T. 0.006 min

Lab File: VX020393.D

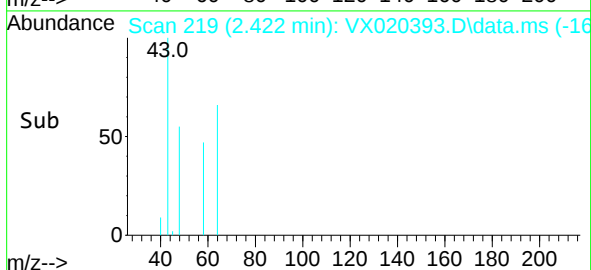
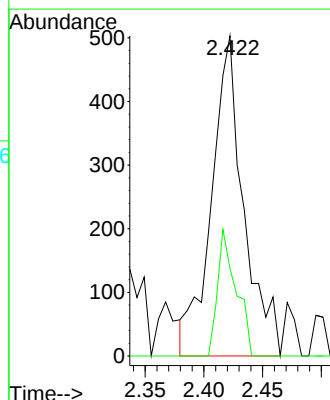
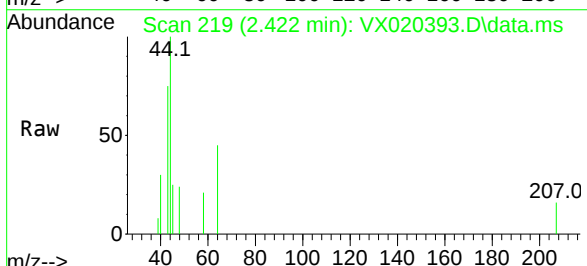
Acq: 24 Dec 2020 17:20

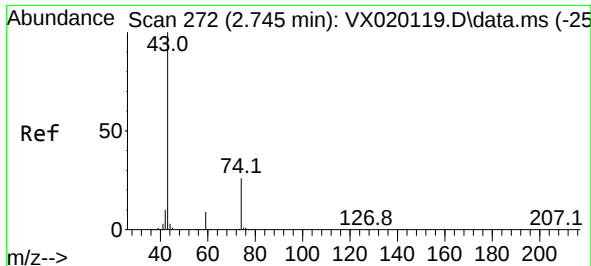
Tgt Ion: 43 Resp: 958

Ion Ratio Lower Upper

43 100

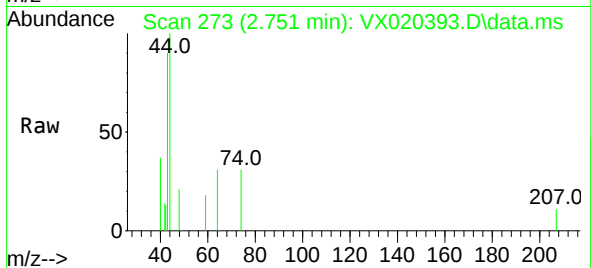
58 27.4 27.8 41.8#



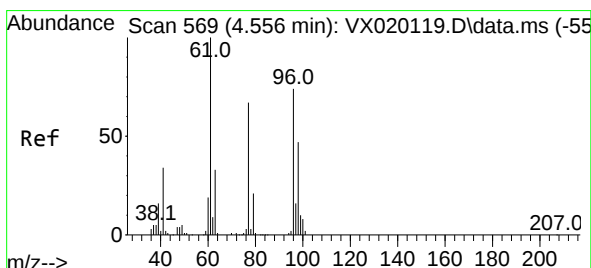
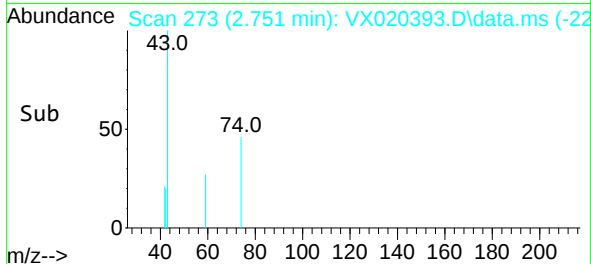
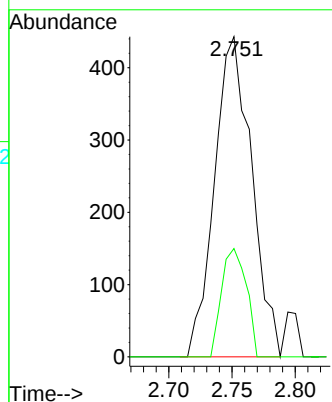


#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020393.D
Acq: 24 Dec 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20201214DL

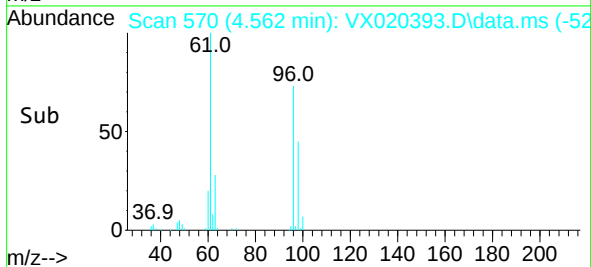
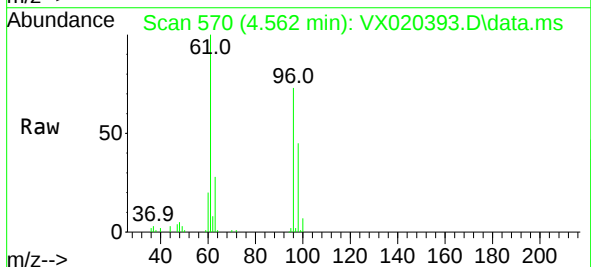
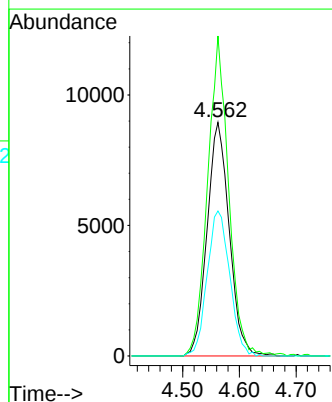


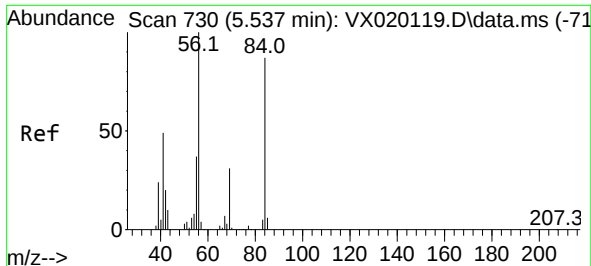
Tgt Ion: 43 Resp: 904
Ion Ratio Lower Upper
43 100
74 22.5 21.9 32.9



#27
cis-1,2-Dichloroethene
Concen: 7.20 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020393.D
Acq: 24 Dec 2020 17:20

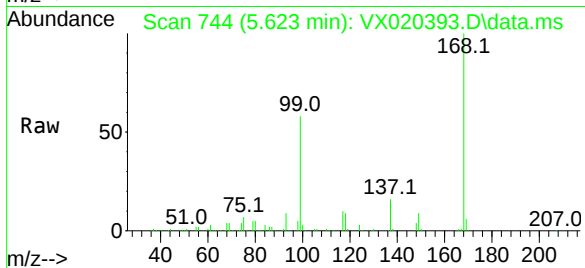
Tgt Ion: 96 Resp: 24296
Ion Ratio Lower Upper
96 100
61 129.5 0.0 285.6
98 63.2 0.0 129.6



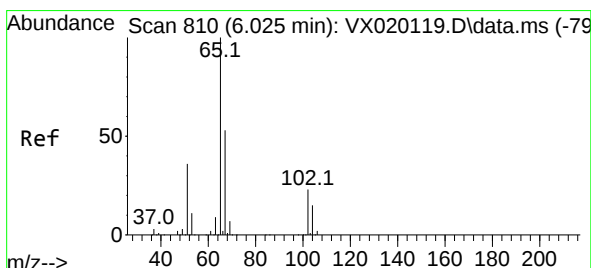
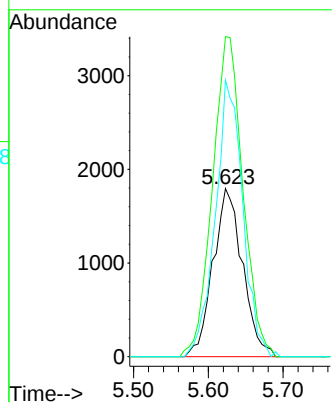
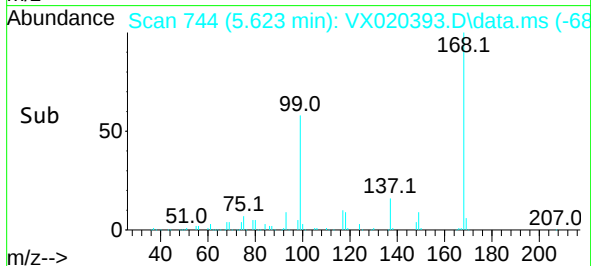


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020393.D
Acq: 24 Dec 2020 17:20

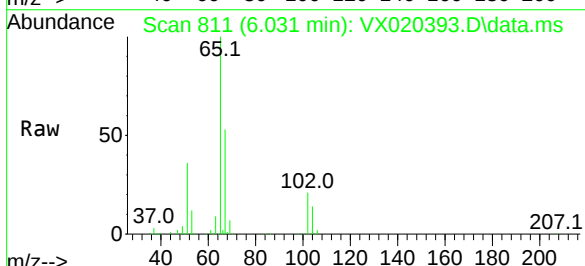
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20201214DL



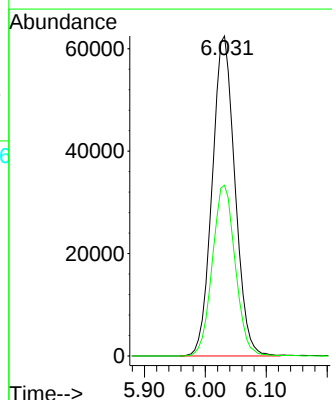
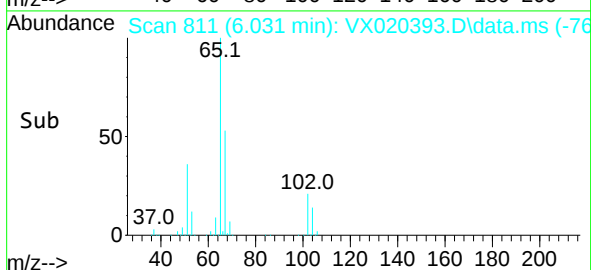
Tgt Ion: 56 Resp: 4926
Ion Ratio Lower Upper
56 100
69 190.3 25.3 37.9#
84 164.4 71.4 107.0#

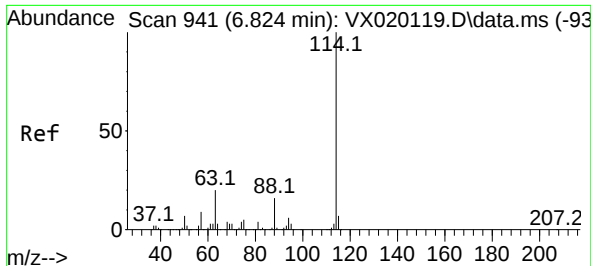


#33
1,2-Dichloroethane-d4
Concen: 50.20 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020393.D
Acq: 24 Dec 2020 17:20



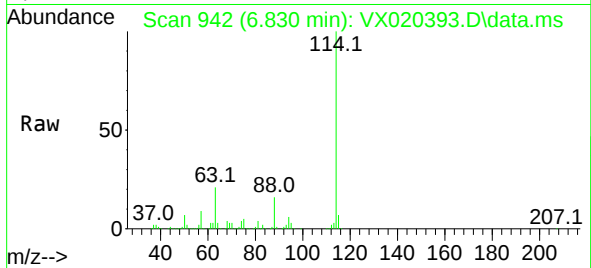
Tgt Ion: 65 Resp: 162211
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.4



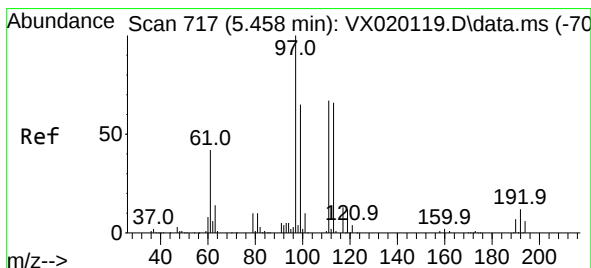
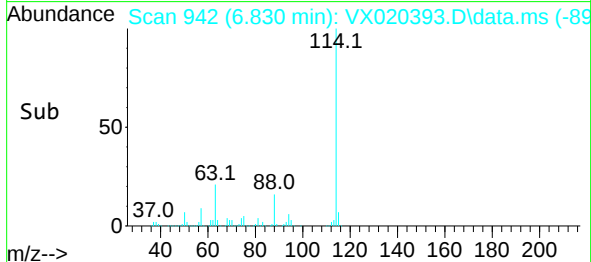
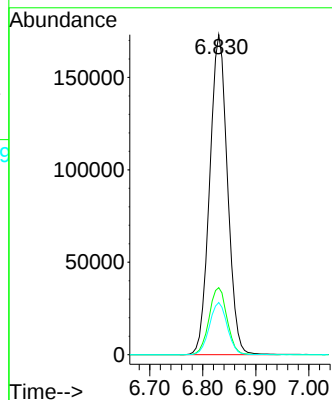


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020393.D
Acq: 24 Dec 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20201214DL

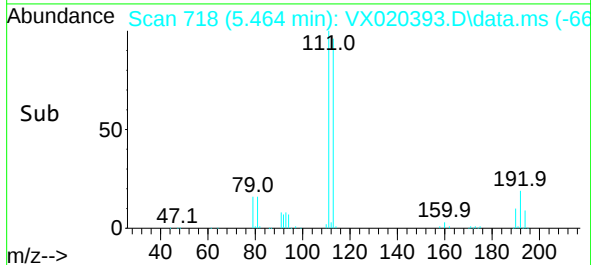
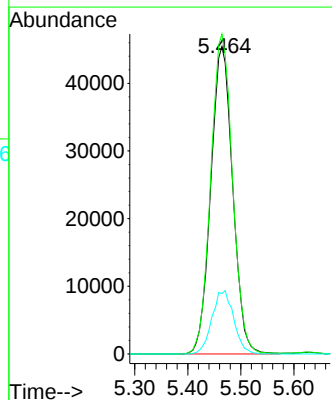
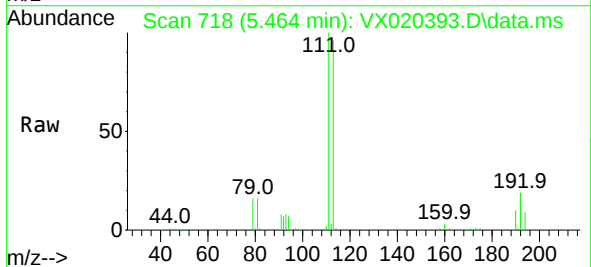


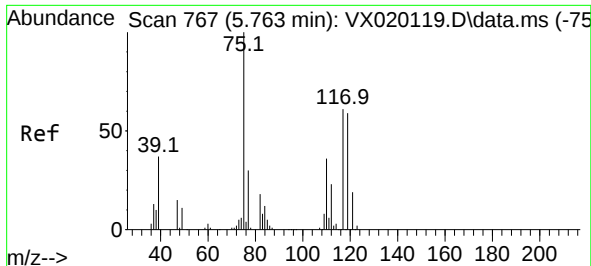
Tgt Ion:114 Resp: 403050
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.51 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020393.D
Acq: 24 Dec 2020 17:20

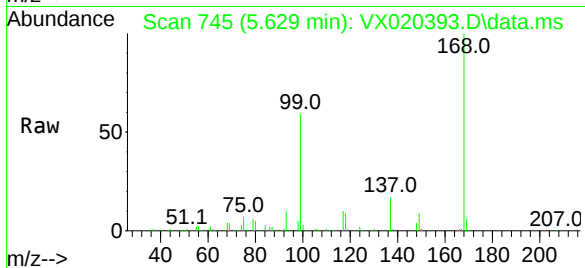
Tgt Ion:113 Resp: 130226
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 20.5 16.7 25.1



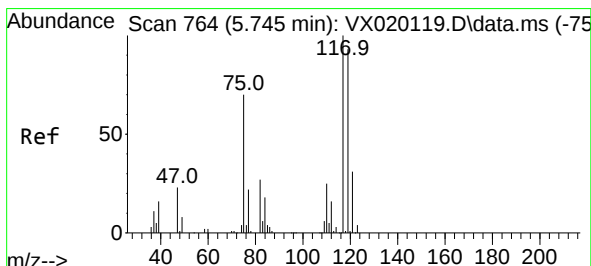
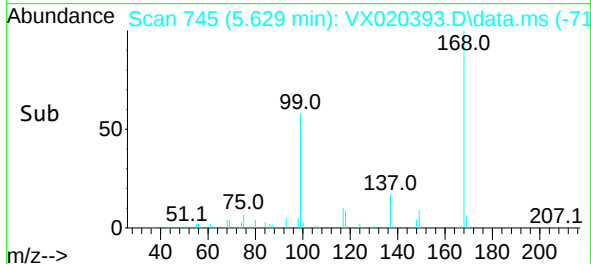
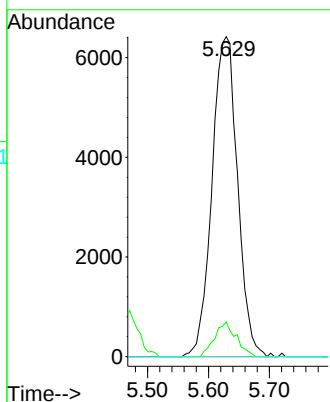


#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020393.D
Acq: 24 Dec 2020 17:20

Instrument :
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ClientSampleId :
MW179D2-20201214DL

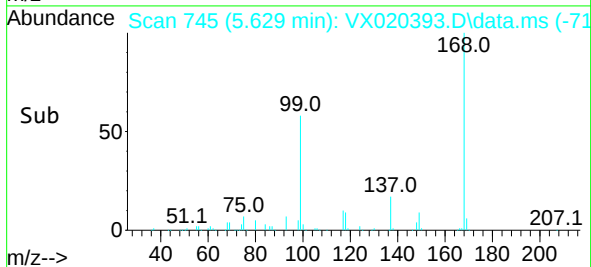
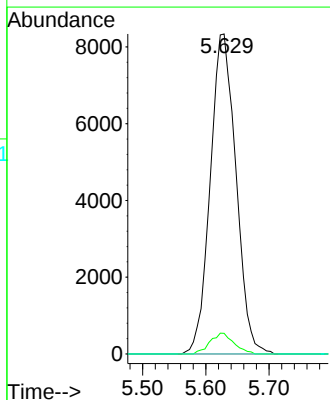
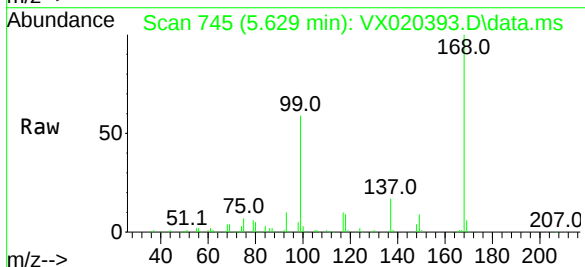


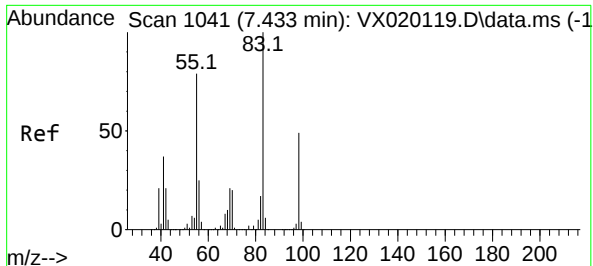
Tgt Ion: 75 Resp: 18719
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.22 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020393.D
Acq: 24 Dec 2020 17:20

Tgt Ion: 117 Resp: 23569
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.52 ug/l

RT: 7.190 min Scan# 1001

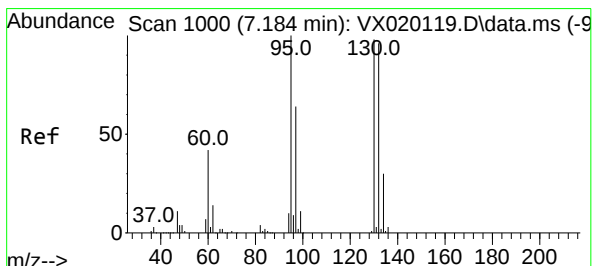
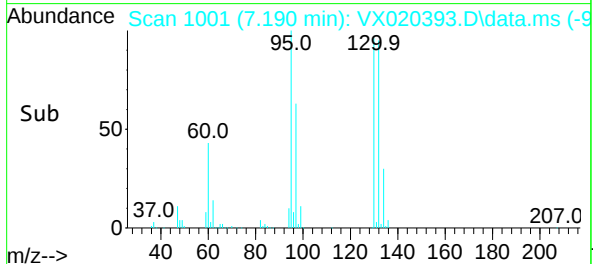
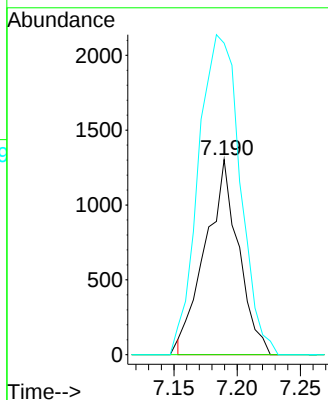
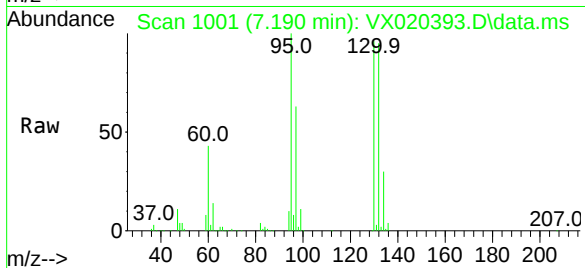
Delta R.T. -0.243 min

Lab File: VX020393.D

Acq: 24 Dec 2020 17:20

Tgt Ion:	83	Resp:	2372
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	159.6	38.1	57.1#

Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20201214DL



#44

Trichloroethene

Concen: 62.00 ug/l

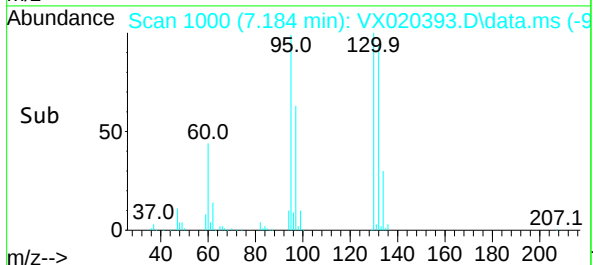
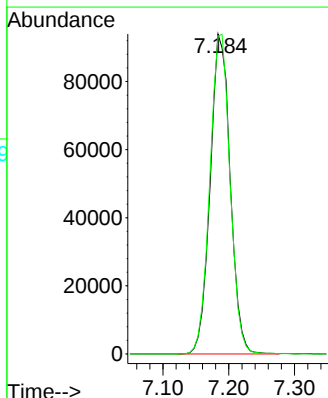
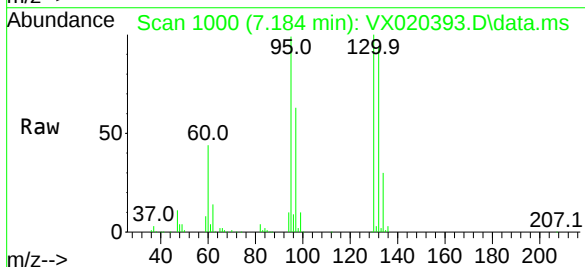
RT: 7.184 min Scan# 1000

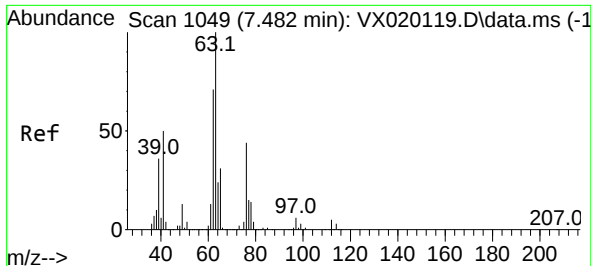
Delta R.T. -0.000 min

Lab File: VX020393.D

Acq: 24 Dec 2020 17:20

Tgt Ion:	130	Resp:	198740
Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	198.0



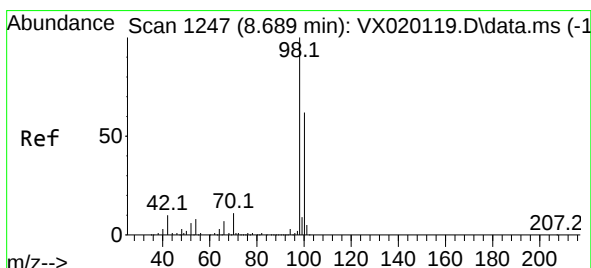
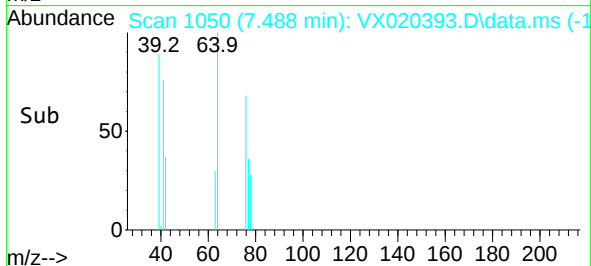
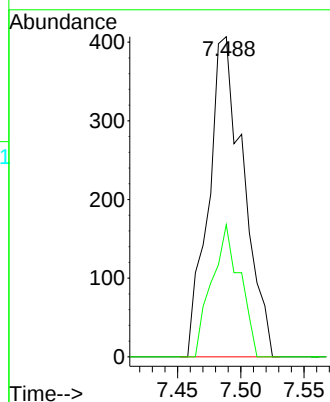
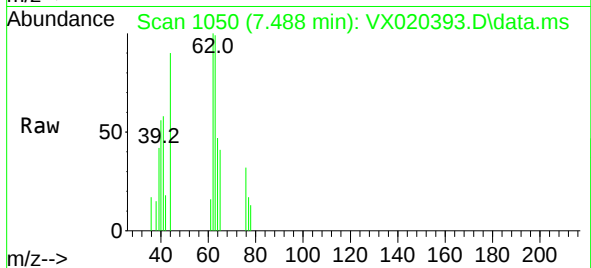


#45

1,2-Dichloropropane
Concen: 0.25 ug/l
RT: 7.488 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VX020393.D
Acq: 24 Dec 2020 17:20

Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20201214DL

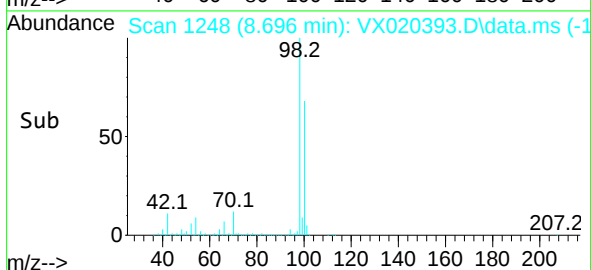
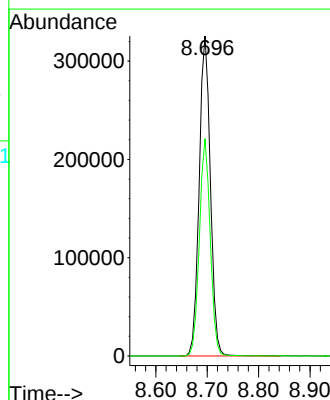
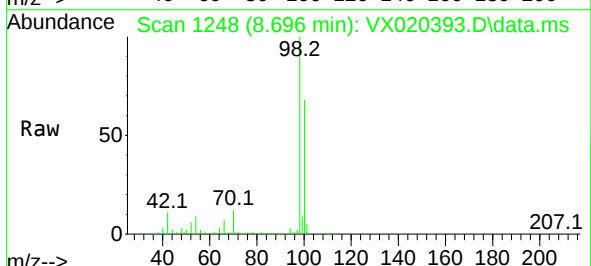
Tgt Ion: 63 Resp: 780
Ion Ratio Lower Upper
63 100
65 41.3 25.7 38.5#

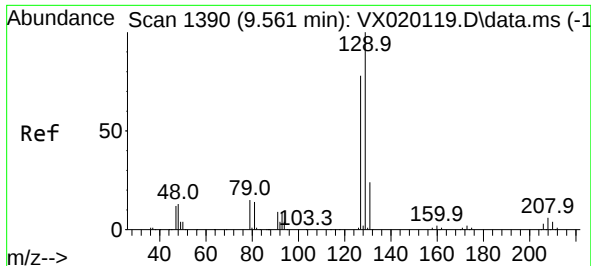


#50

Toluene-d8
Concen: 49.70 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020393.D
Acq: 24 Dec 2020 17:20

Tgt Ion: 98 Resp: 493280
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

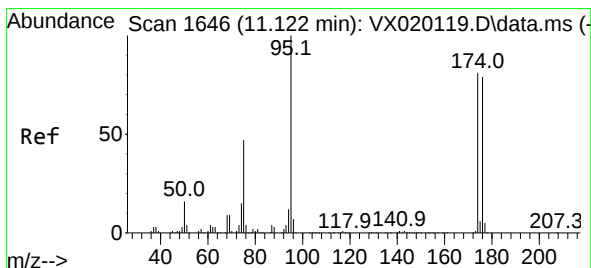
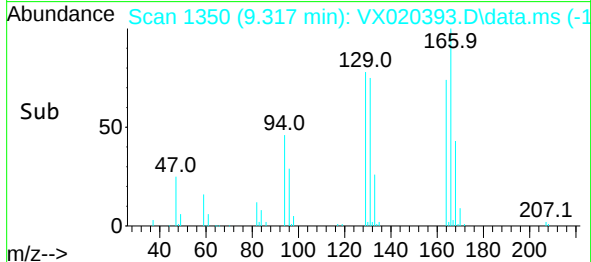
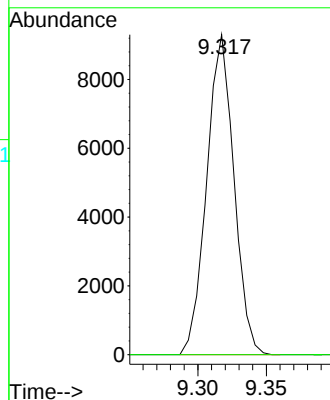
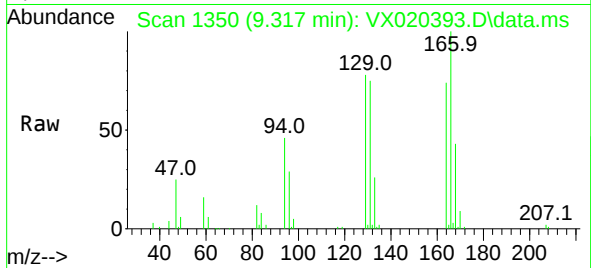




#60
Dibromochloromethane
Concen: 4.16 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020393.D
Acq: 24 Dec 2020 17:20

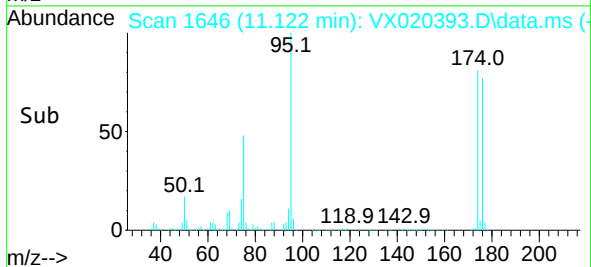
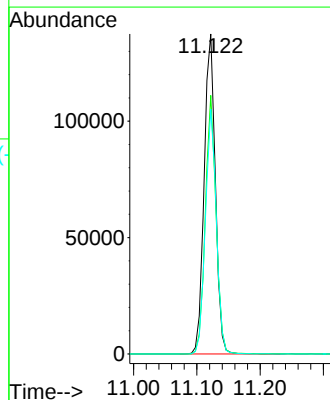
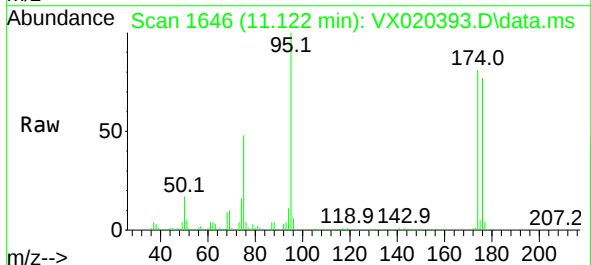
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20201214DL

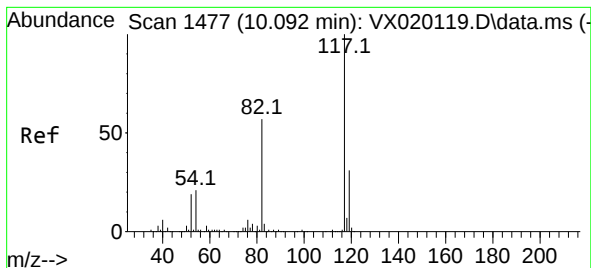
Tgt Ion:129 Resp: 12877
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.64 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020393.D
Acq: 24 Dec 2020 17:20

Tgt Ion: 95 Resp: 169577
Ion Ratio Lower Upper
95 100
174 77.4 0.0 154.6
176 74.7 0.0 155.8

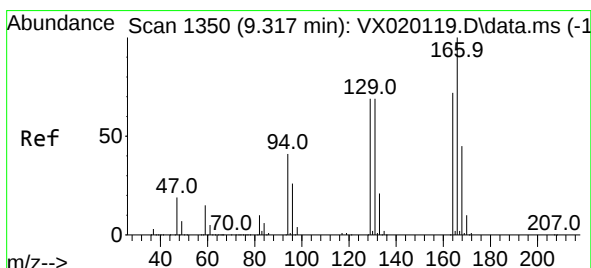
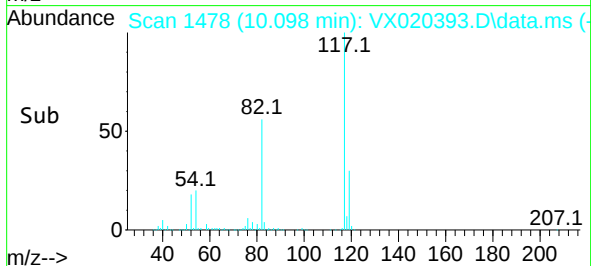
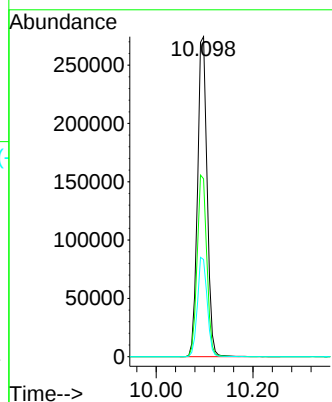
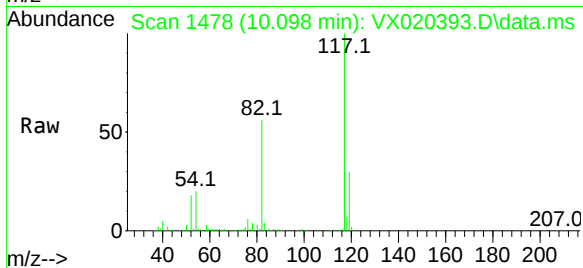




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020393.D
Acq: 24 Dec 2020 17:20

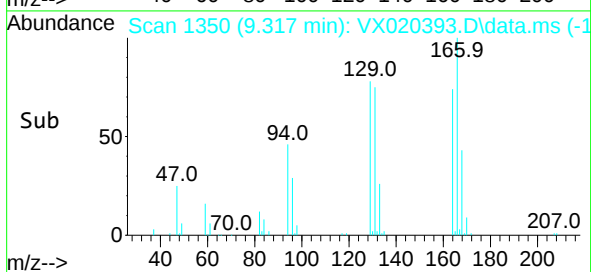
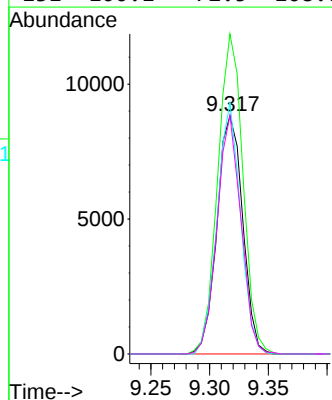
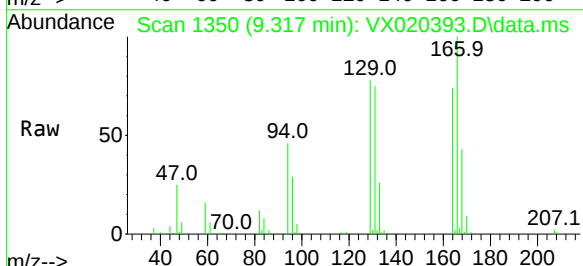
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20201214DL

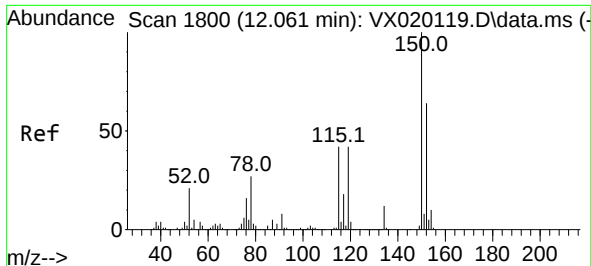
Tgt Ion:	117	Resp:	375614
Ion	Ratio	Lower	Upper
117	100		
82	55.6	47.4	71.2
119	30.4	26.6	39.8



#64
Tetrachloroethene
Concen: 4.74 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020393.D
Acq: 24 Dec 2020 17:20

Tgt Ion:	164	Resp:	13401
Ion	Ratio	Lower	Upper
164	100		
166	134.3	103.4	155.2
129	105.3	70.8	106.2
131	100.1	72.5	108.7

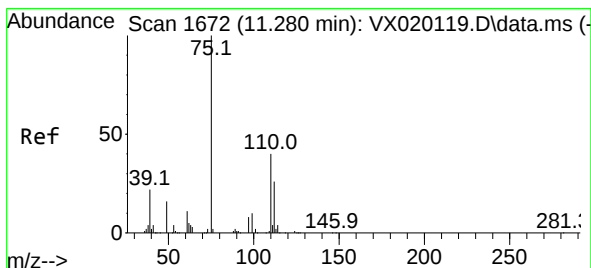
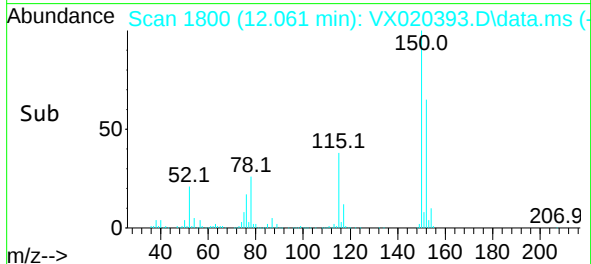
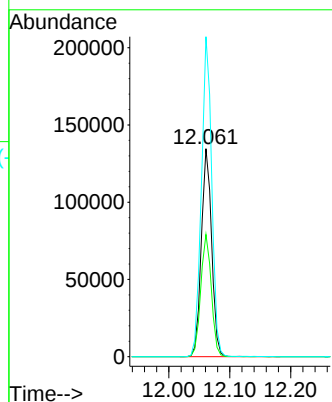
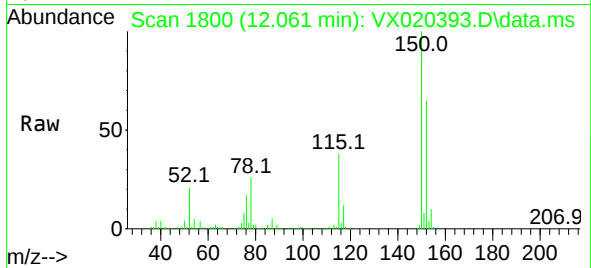




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020393.D
Acq: 24 Dec 2020 17:20

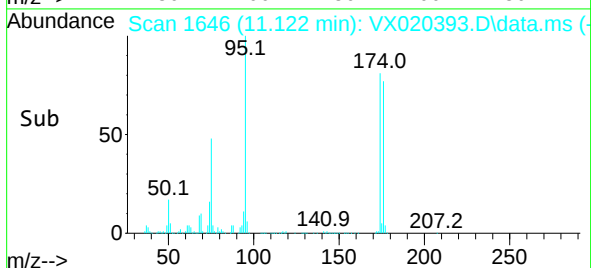
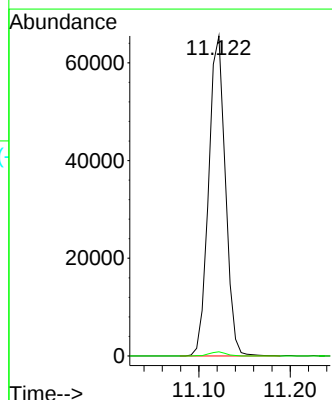
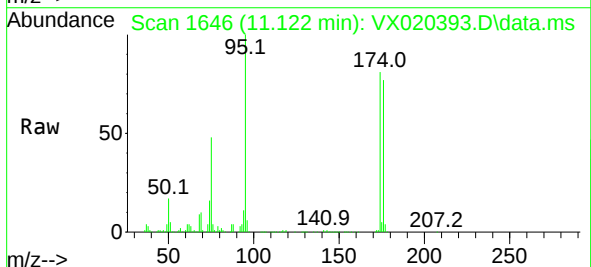
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20201214DL

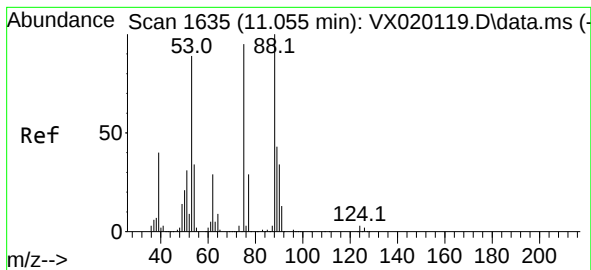
Tgt Ion:152 Resp: 158666
Ion Ratio Lower Upper
152 100
115 60.0 41.1 123.3
150 154.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.26 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020393.D
Acq: 24 Dec 2020 17:20

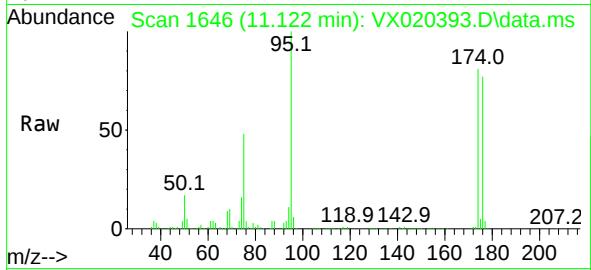
Tgt Ion: 75 Resp: 83085
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.07 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020393.D
 Acq: 24 Dec 2020 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D2-20201214DL



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.5	111.7#
89	0.1	37.9	56.9#

