

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020292.D
 Acq On : 22 Dec 2020 10:31
 Operator : JC/MD
 Sample : VX1222WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1222WBL01

Quant Time: Dec 23 00:26:58 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)

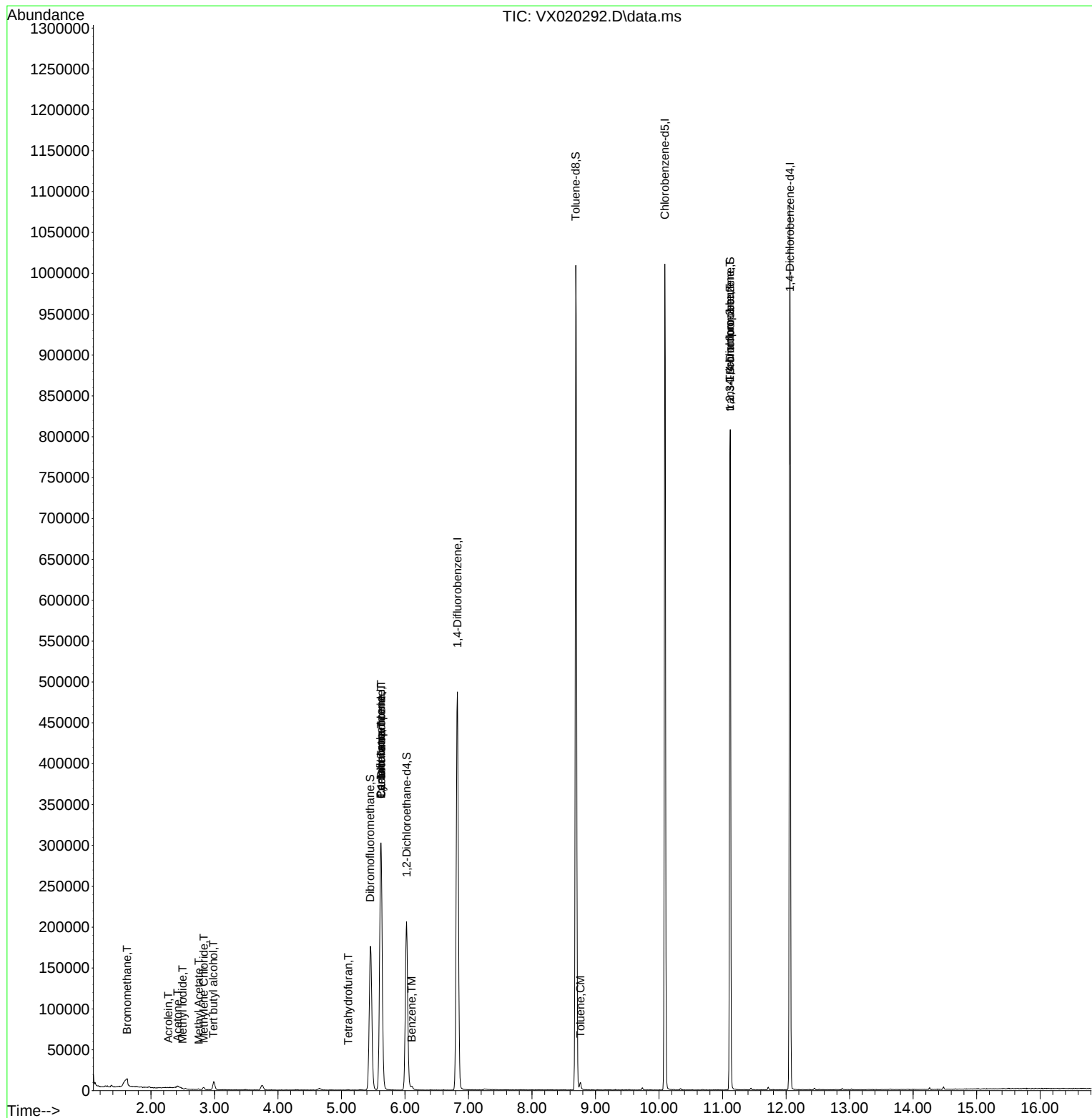
Internal Standards						
1) Pentafluorobenzene	5.617	168	293230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	498472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	463005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	216686	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	192946	49.09	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.18%
35) Dibromofluoromethane	5.452	113	157496	49.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.78%
50) Toluene-d8	8.690	98	605741	49.35	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.70%
62) 4-Bromofluorobenzene	11.122	95	231306	49.24	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.48%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	665	0.52	ug/l	90
10) Methyl Iodide	2.495	142	491	3.40	ug/l #	84
11) Tert butyl alcohol	2.983	59	5844	6.64	ug/l #	74
13) Acrolein	2.270	56	178	0.32	ug/l	97
16) Acetone	2.416	43	1372	0.77	ug/l	94
18) Methyl Acetate	2.752	43	1227	0.31	ug/l #	80
20) Methylene Chloride	2.831	84	1342	0.33	ug/l	90
29) Tetrahydrofuran	5.105	42	435	0.27	ug/l #	35
31) Cyclohexane	5.623	56	5927	1.09	ug/l #	5
36) 1,1-Dichloropropene	5.623	75	22725	4.61	ug/l #	49
38) Carbon Tetrachloride	5.623	117	29441	6.28	ug/l #	16
40) Benzene	6.105	78	4552	0.30	ug/l	92
52) Toluene	8.763	92	3146	0.34	ug/l	98
76) 1,2,3-Trichloropropane	11.116	75	110907	20.78	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	110907	61.65	ug/l #	12

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

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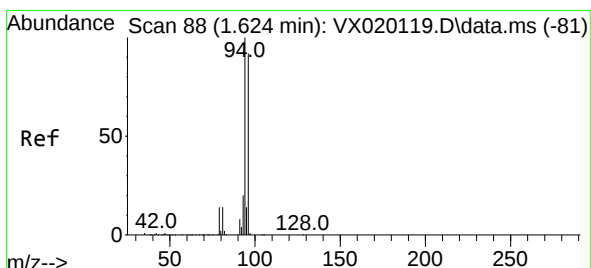
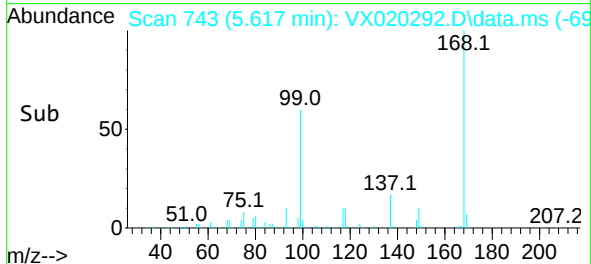
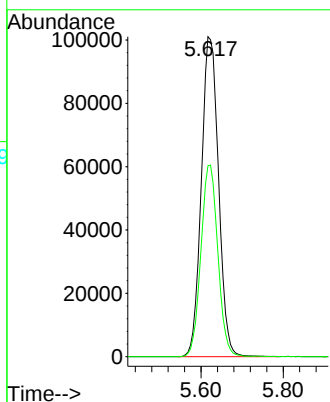
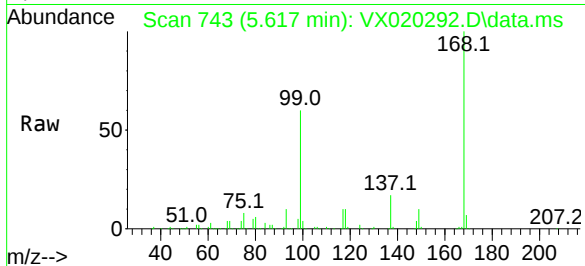




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.617 min Scan# 743
Delta R.T. -0.000 min
Lab File: VX020292.D
Acq: 22 Dec 2020 10:31

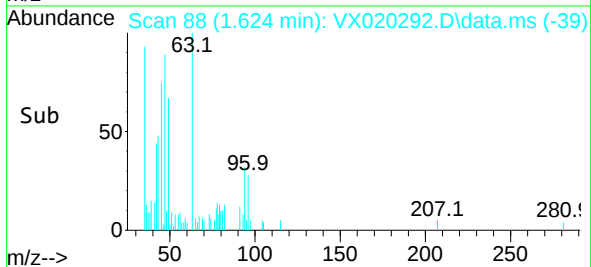
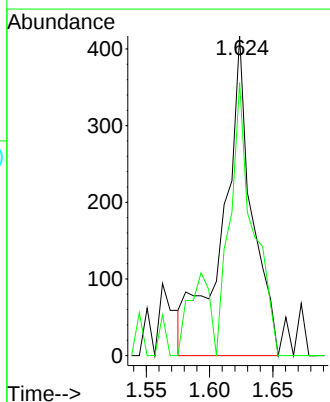
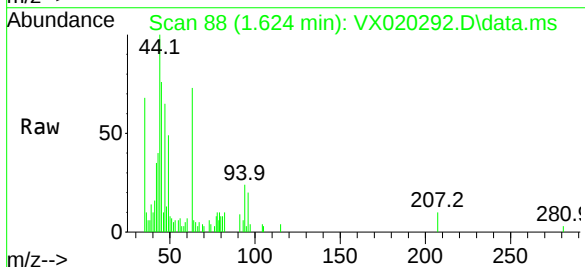
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBL01

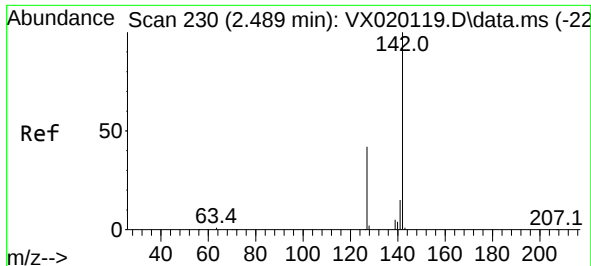
Tgt Ion:168 Resp: 293230
Ion Ratio Lower Upper
168 100
99 59.7 45.8 68.6



#5
Bromomethane
Concen: 0.52 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX020292.D
Acq: 22 Dec 2020 10:31

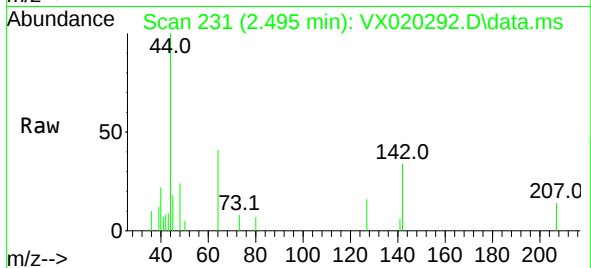
Tgt Ion: 94 Resp: 665
Ion Ratio Lower Upper
94 100
96 85.4 76.4 114.6



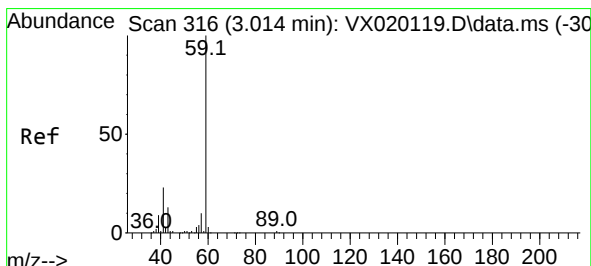
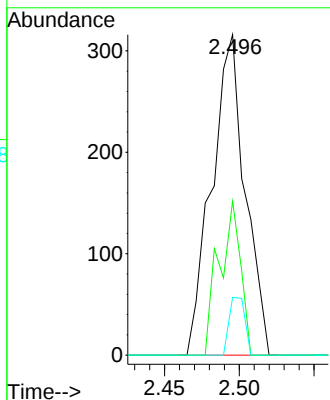
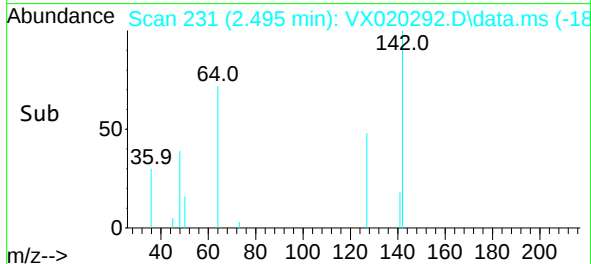


#10
Methyl Iodide
Concen: 3.40 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020292.D
Acq: 22 Dec 2020 10:31

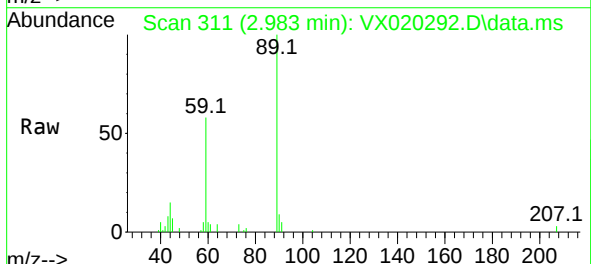
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBL01



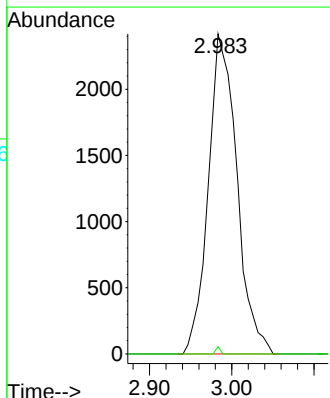
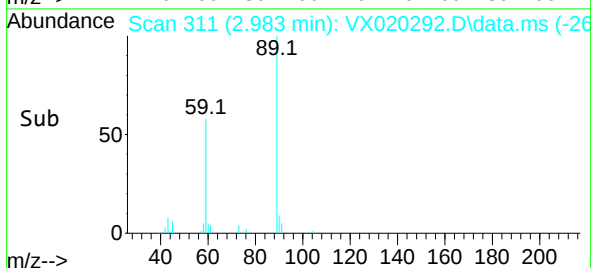
Tgt Ion:142 Resp: 491
Ion Ratio Lower Upper
142 100
127 31.0 33.3 49.9#
141 8.4 11.4 17.0#

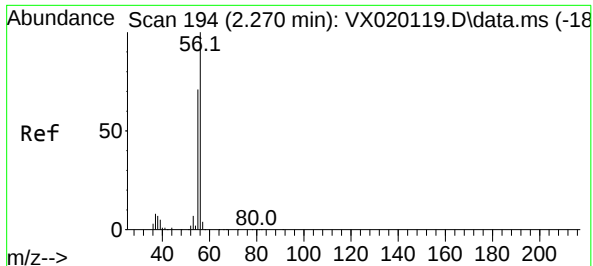


#11
Tert butyl alcohol
Concen: 6.64 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.031 min
Lab File: VX020292.D
Acq: 22 Dec 2020 10:31



Tgt Ion: 59 Resp: 5844
Ion Ratio Lower Upper
59 100
57 0.3 7.8 11.8#

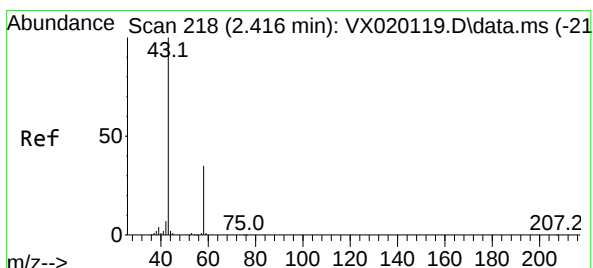
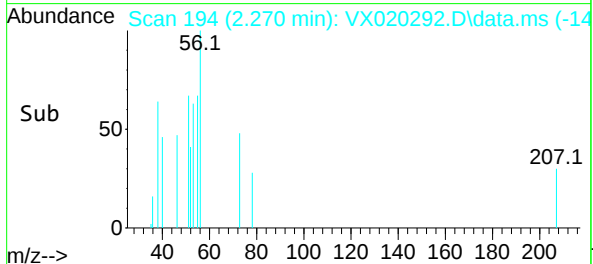
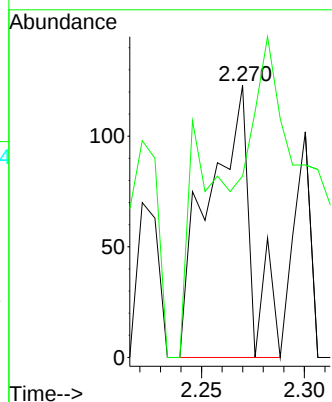
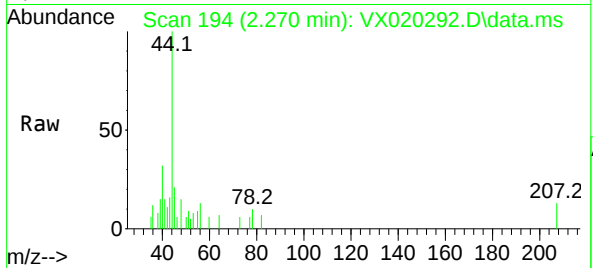




#13
Acrolein
Concen: 0.32 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020292.D
Acq: 22 Dec 2020 10:31

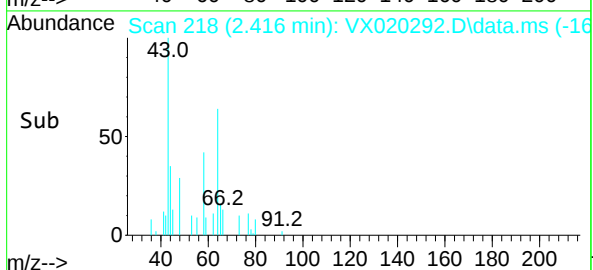
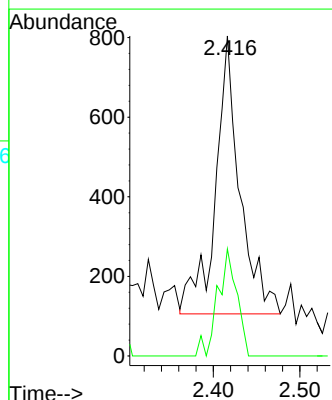
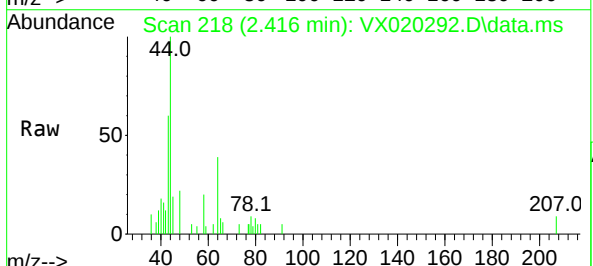
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBL01

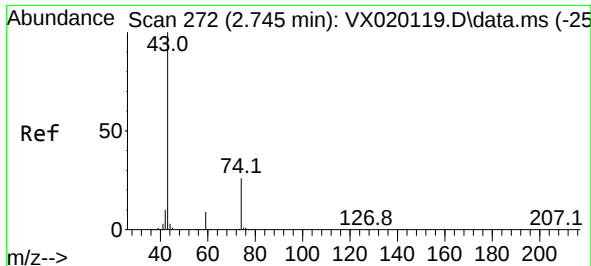
Tgt Ion: 56 Resp: 178
Ion Ratio Lower Upper
56 100
55 73.0 56.4 84.6



#16
Acetone
Concen: 0.77 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020292.D
Acq: 22 Dec 2020 10:31

Tgt Ion: 43 Resp: 1372
Ion Ratio Lower Upper
43 100
58 38.5 27.8 41.8





#18

Methyl Acetate

Concen: 0.31 ug/l

RT: 2.752 min Scan# 273

Delta R.T. 0.007 min

Lab File: VX020292.D

Acq: 22 Dec 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

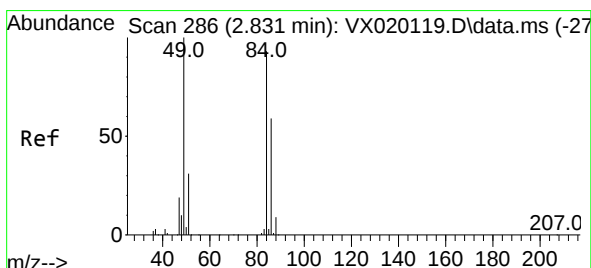
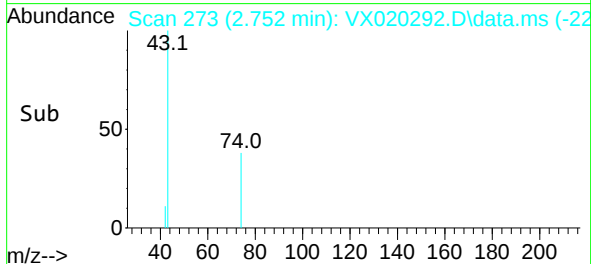
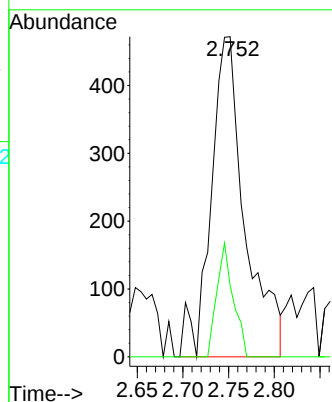
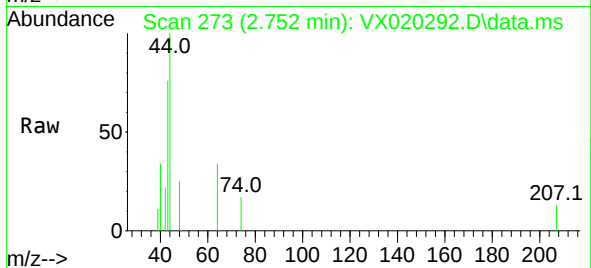
VX1222WBL01

Tgt Ion: 43 Resp: 1227

Ion Ratio Lower Upper

43 100

74 17.0 21.9 32.9#



#20

Methylene Chloride

Concen: 0.33 ug/l

RT: 2.831 min Scan# 286

Delta R.T. -0.000 min

Lab File: VX020292.D

Acq: 22 Dec 2020 10:31

Tgt Ion: 84 Resp: 1342

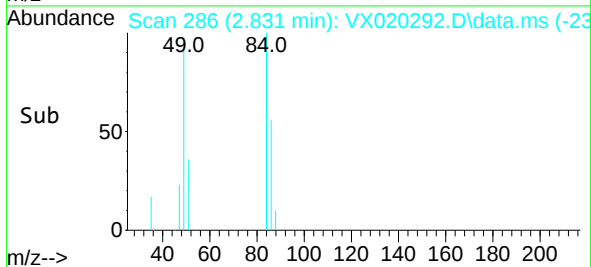
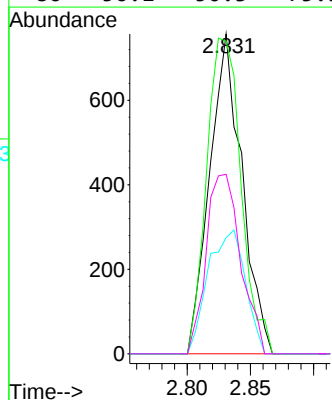
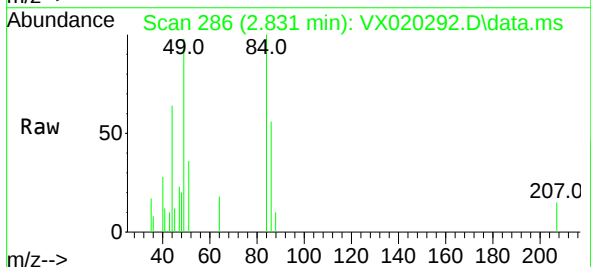
Ion Ratio Lower Upper

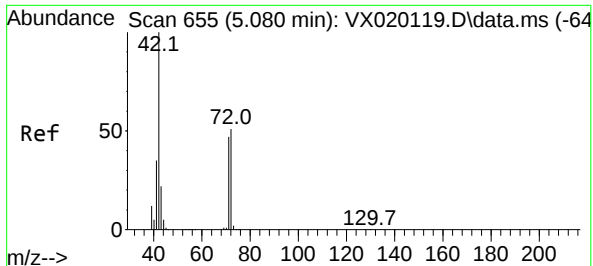
84 100

49 97.8 88.6 132.8

51 36.3 27.0 40.6

86 56.1 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.27 ug/l

RT: 5.105 min Scan# 659

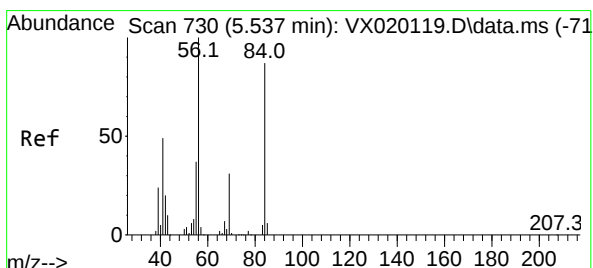
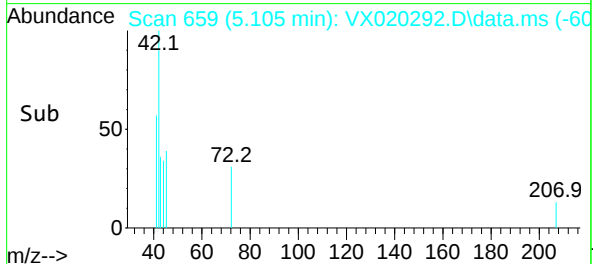
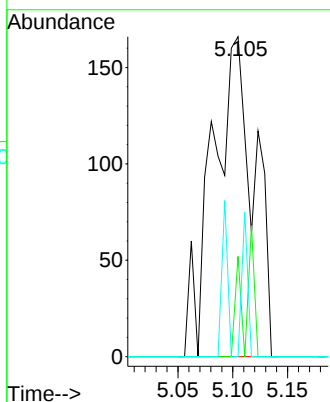
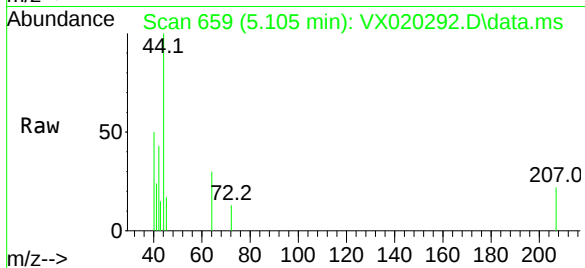
Delta R.T. 0.025 min

Lab File: VX020292.D

Acq: 22 Dec 2020 10:31

Tgt Ion:	42	Resp:	435
Ion	Ratio	Lower	Upper
42	100		
72	4.4	41.7	62.5#
71	6.2	38.4	57.6#

Instrument :
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ClientSampleId :
VX1222WBL01



#31

Cyclohexane

Concen: 1.09 ug/l

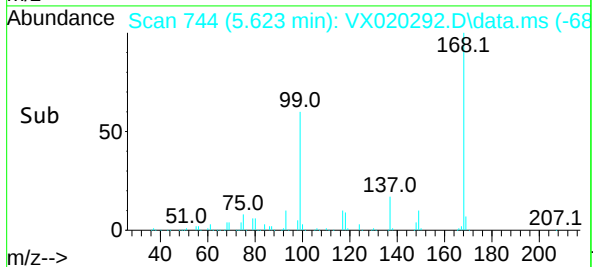
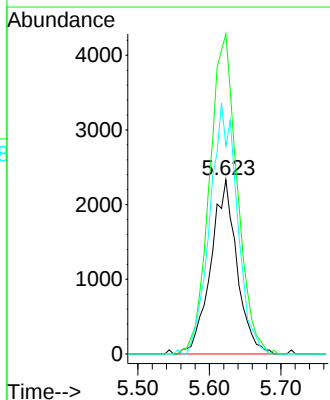
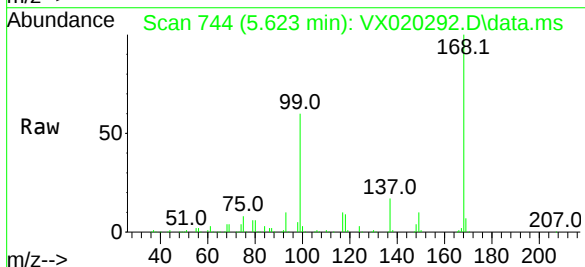
RT: 5.623 min Scan# 744

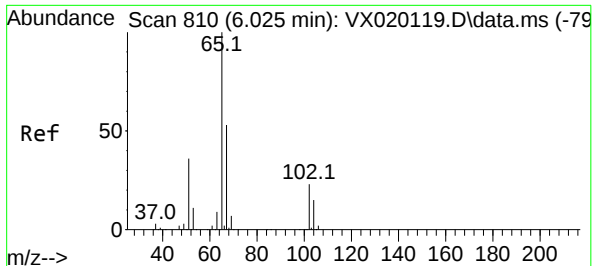
Delta R.T. 0.086 min

Lab File: VX020292.D

Acq: 22 Dec 2020 10:31

Tgt Ion:	56	Resp:	5927
Ion	Ratio	Lower	Upper
56	100		
69	183.6	25.3	37.9#
84	119.3	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.09 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020292.D

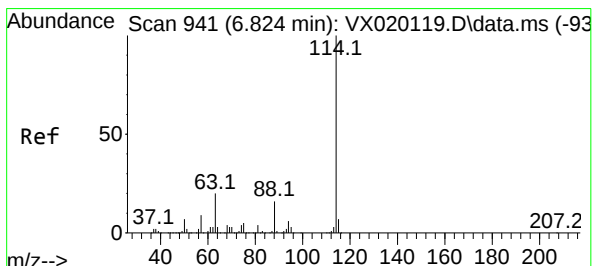
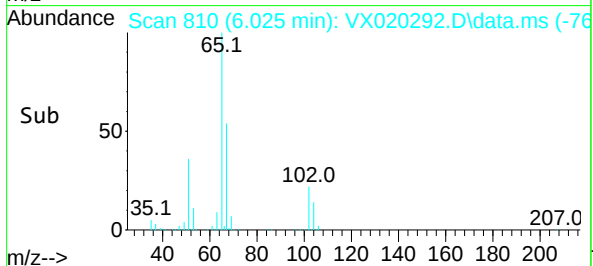
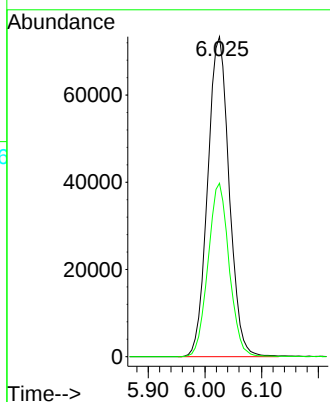
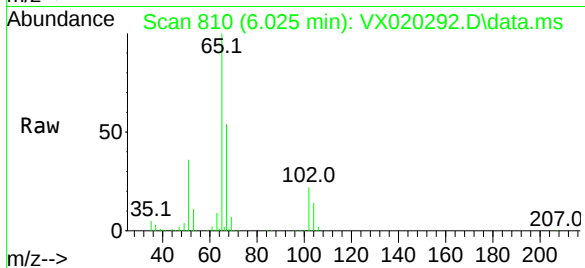
Acq: 22 Dec 2020 10:31

Tgt Ion: 65 Resp: 192946

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.824 min Scan# 941

Delta R.T. -0.000 min

Lab File: VX020292.D

Acq: 22 Dec 2020 10:31

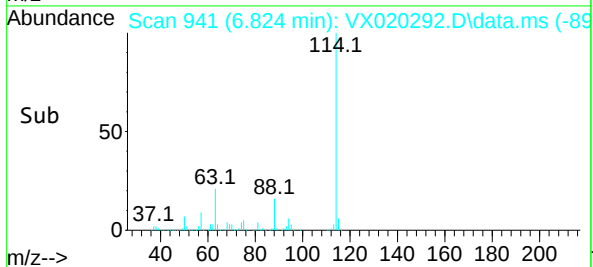
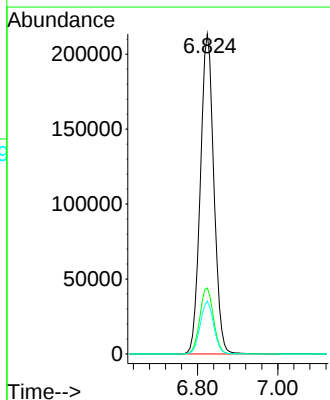
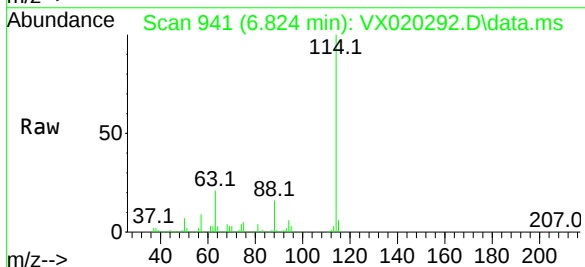
Tgt Ion: 114 Resp: 498472

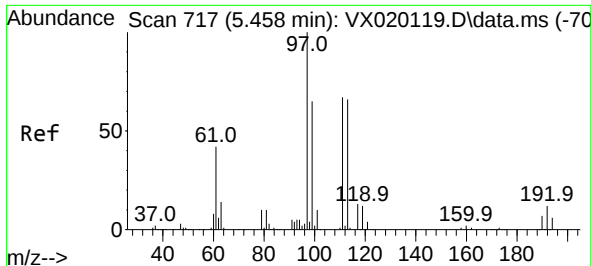
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 16.5 0.0 32.8

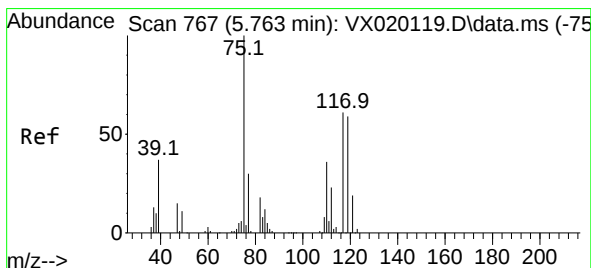
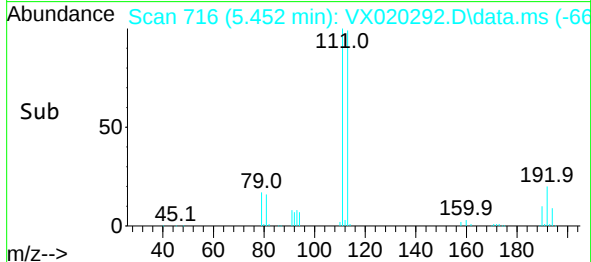
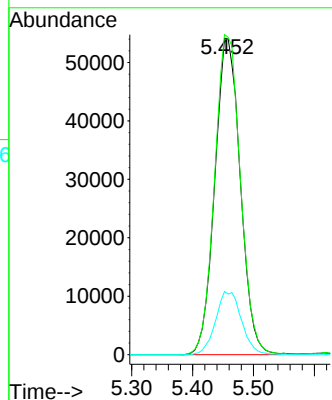
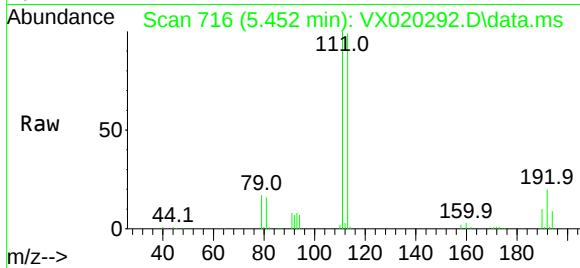




#35
Dibromofluoromethane
Concen: 49.39 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX020292.D
Acq: 22 Dec 2020 10:31

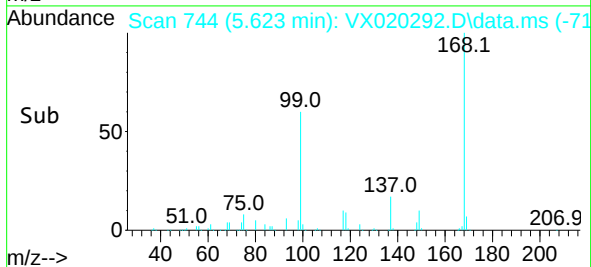
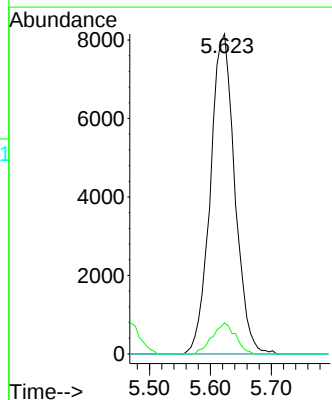
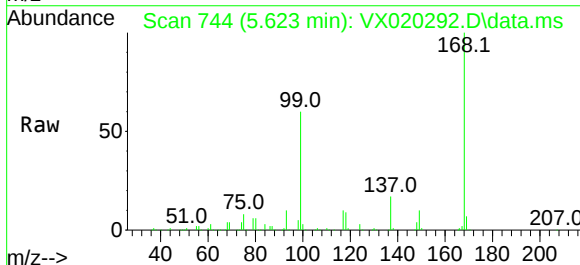
Instrument :
MSVOA_X
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VX1222WBL01

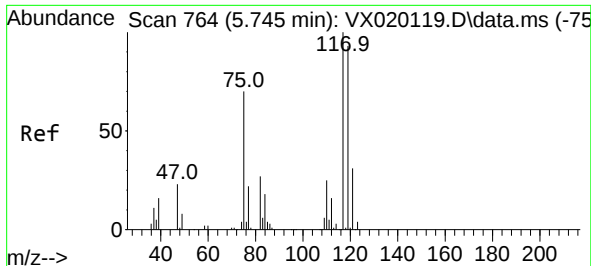
Tgt Ion:113 Resp: 157496
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 20.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020292.D
Acq: 22 Dec 2020 10:31

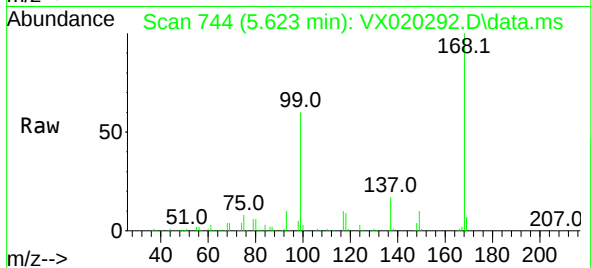
Tgt Ion: 75 Resp: 22725
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



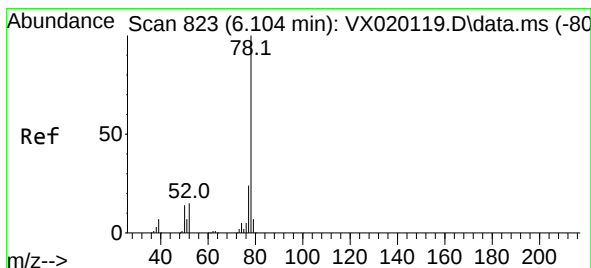
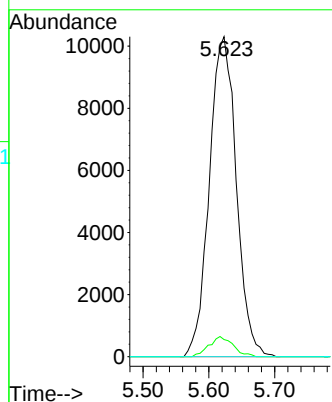
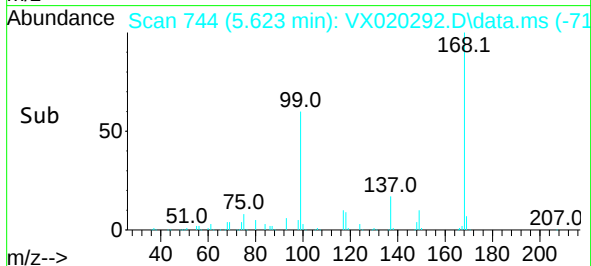


#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020292.D
Acq: 22 Dec 2020 10:31

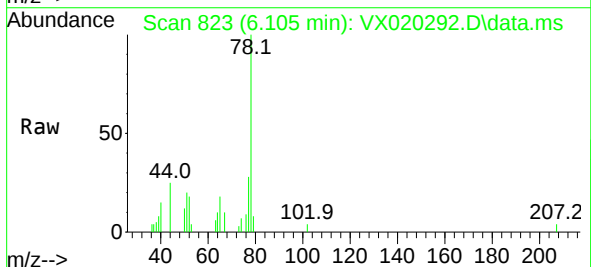
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBL01



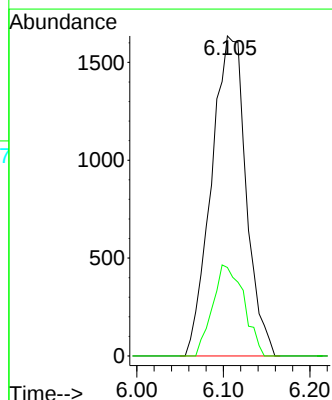
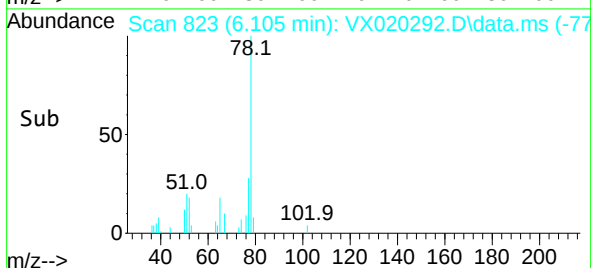
Tgt Ion:117 Resp: 29441
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

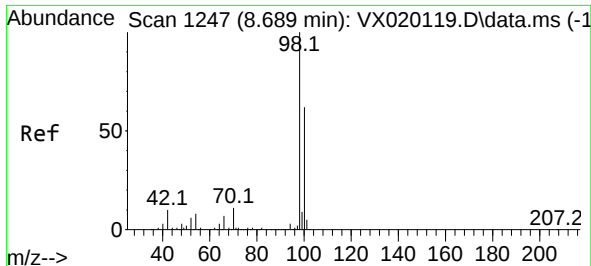


#40
Benzene
Concen: 0.30 ug/l
RT: 6.105 min Scan# 823
Delta R.T. 0.001 min
Lab File: VX020292.D
Acq: 22 Dec 2020 10:31



Tgt Ion: 78 Resp: 4552
Ion Ratio Lower Upper
78 100
77 27.6 18.9 28.3

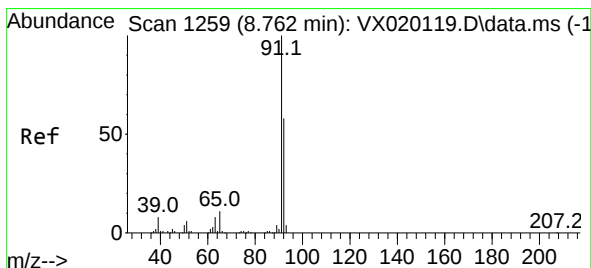
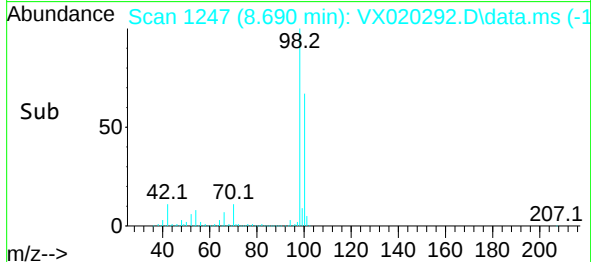
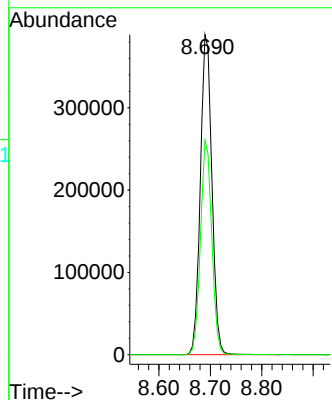
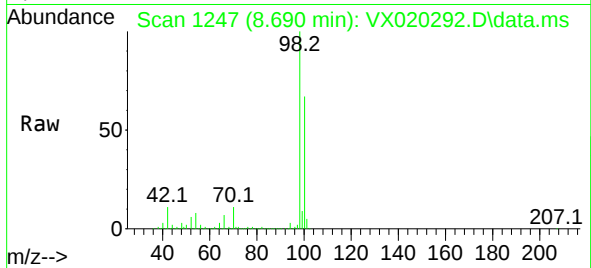




#50
Toluene-d8
Concen: 49.35 ug/l
RT: 8.690 min Scan# 1247
Delta R.T. 0.001 min
Lab File: VX020292.D
Acq: 22 Dec 2020 10:31

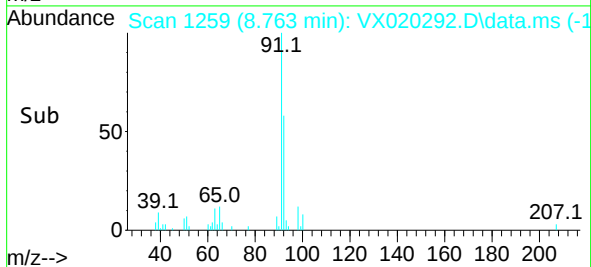
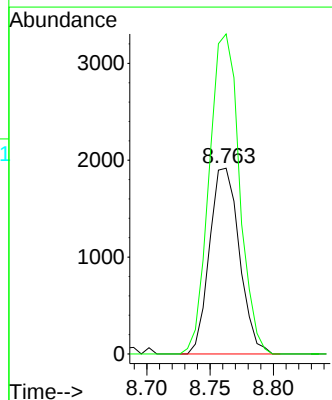
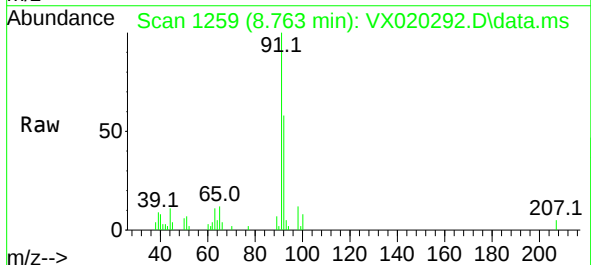
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBL01

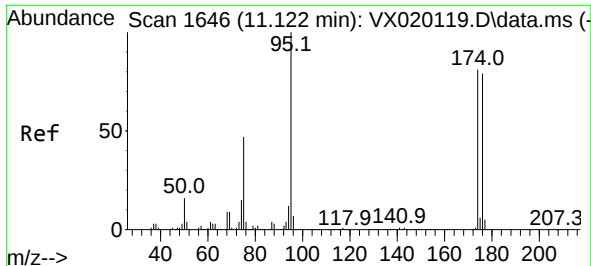
Tgt Ion: 98 Resp: 605741
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#52
Toluene
Concen: 0.34 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020292.D
Acq: 22 Dec 2020 10:31

Tgt Ion: 92 Resp: 3146
Ion Ratio Lower Upper
92 100
91 174.7 137.1 205.7

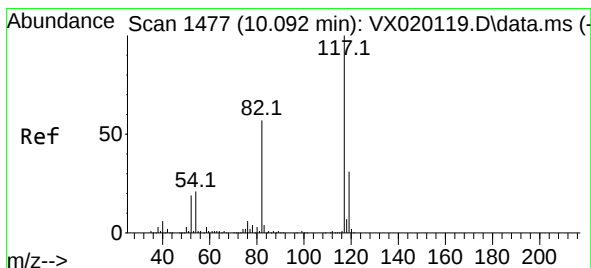
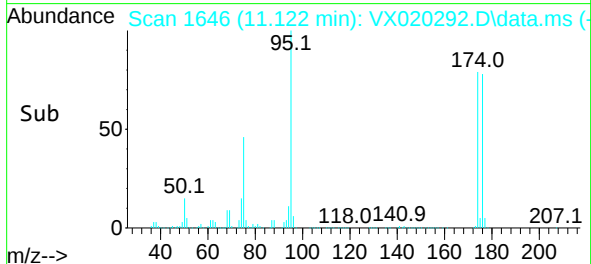
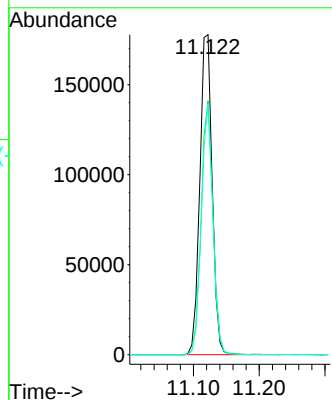
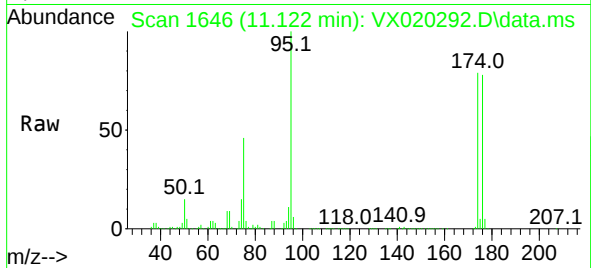




#62
4-Bromofluorobenzene
Concen: 49.24 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020292.D
Acq: 22 Dec 2020 10:31

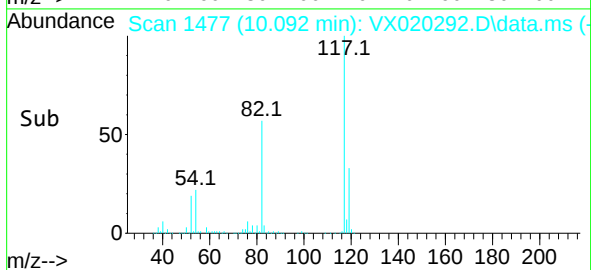
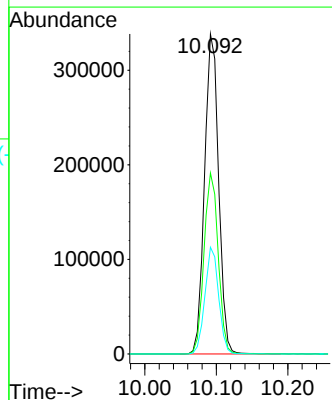
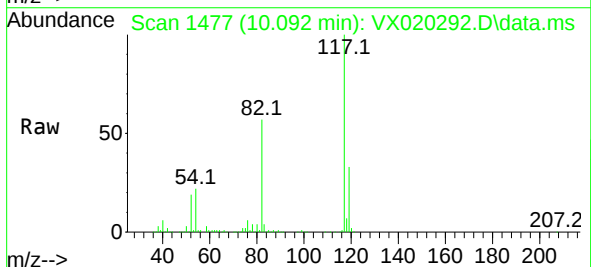
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBL01

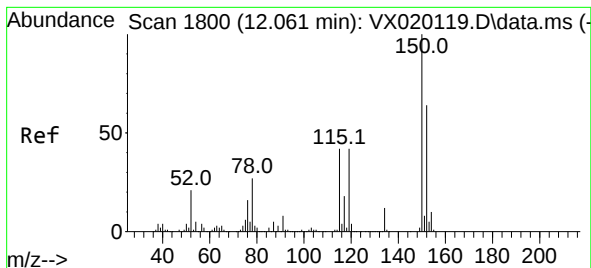
Tgt Ion: 95 Resp: 231306
Ion Ratio Lower Upper
95 100
174 76.0 0.0 154.6
176 73.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020292.D
Acq: 22 Dec 2020 10:31

Tgt Ion: 117 Resp: 463005
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 33.4 26.6 39.8

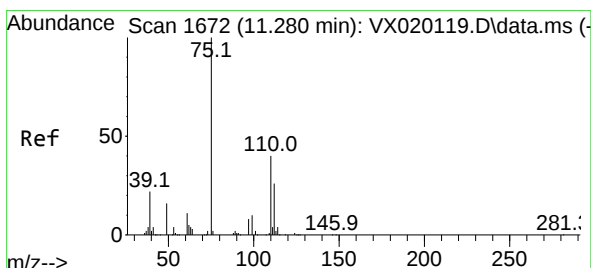
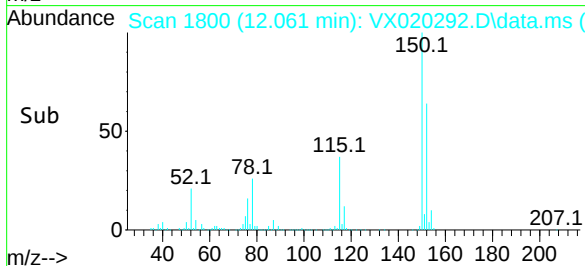
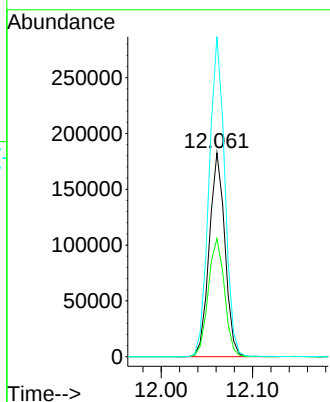
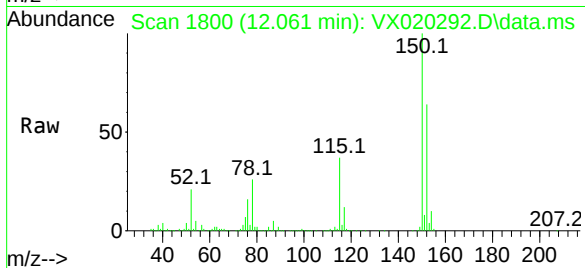




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020292.D
Acq: 22 Dec 2020 10:31

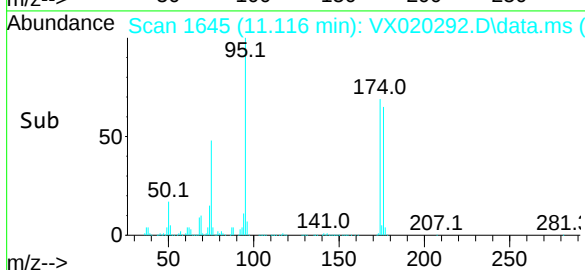
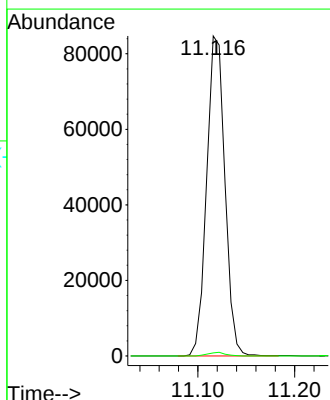
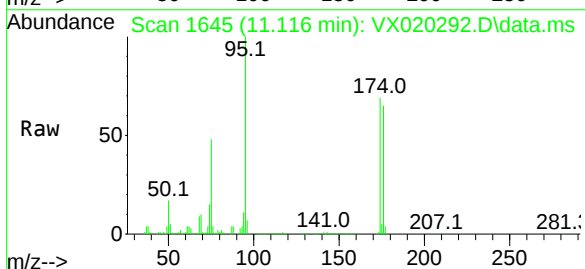
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBL01

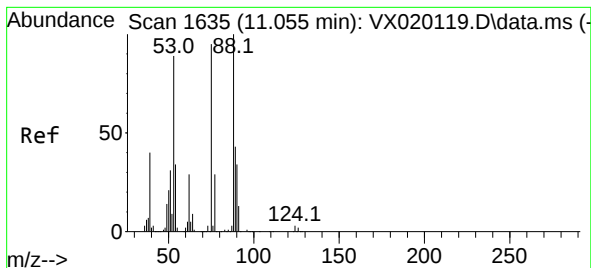
Tgt Ion:152 Resp: 216686
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 158.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 20.78 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020292.D
Acq: 22 Dec 2020 10:31

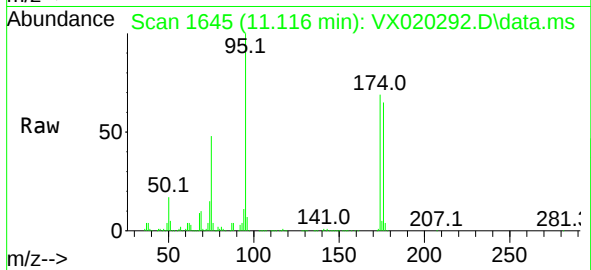
Tgt Ion: 75 Resp: 110907
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.65 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX020292.D
 Acq: 22 Dec 2020 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1222WBL01



Tgt Ion: 75 Resp: 110907
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

