

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020210.D
 Acq On : 20 Dec 2020 07:06
 Operator : JC/MD
 Sample : L5094-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW006(DOB)-121320

Quant Time: Dec 21 02:45:44 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)

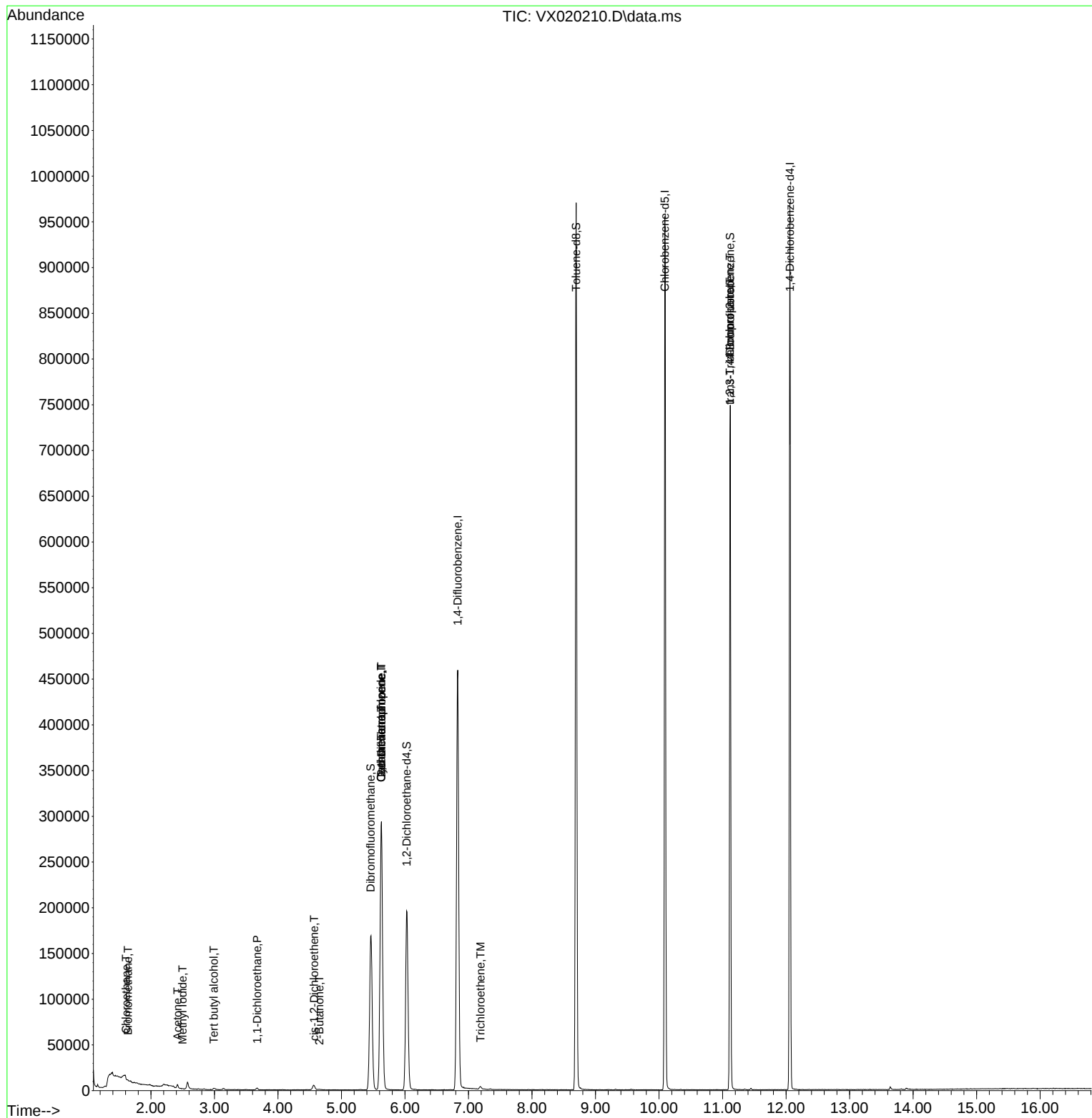
Internal Standards						
1) Pentafluorobenzene	5.629	168	278778	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	471174	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	441982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	194504	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	187902	50.28	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.56%			
35) Dibromofluoromethane	5.458	113	148525	49.28	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.56%			
50) Toluene-d8	8.696	98	575787	49.63	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.26%			
62) 4-Bromofluorobenzene	11.122	95	203851	45.91	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.82%			
Target Compounds					Qvalue	
5) Bromomethane	1.636	94	508	0.41	ug/l #	79
6) Chloroethane	1.605	64	11723	4.92	ug/l #	51
10) Methyl Iodide	2.495	142	139	3.32	ug/l #	80
11) Tert butyl alcohol	2.989	59	1083	1.29	ug/l #	73
16) Acetone	2.416	43	4218	2.48	ug/l	93
24) 1,1-Dichloroethane	3.672	63	2322	0.38	ug/l #	81
25) 2-Butanone	4.654	43	712	0.29	ug/l #	45
27) cis-1,2-Dichloroethene	4.568	96	3335	0.86	ug/l	97
31) Cyclohexane	5.623	56	5480	1.06	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	21686	4.66	ug/l #	48
38) Carbon Tetrachloride	5.623	117	27883	6.30	ug/l #	16
44) Trichloroethene	7.190	130	983	0.26	ug/l	96
76) 1,2,3-Trichloropropane	11.116	75	99393	20.75	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	99393	61.55	ug/l #	12

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

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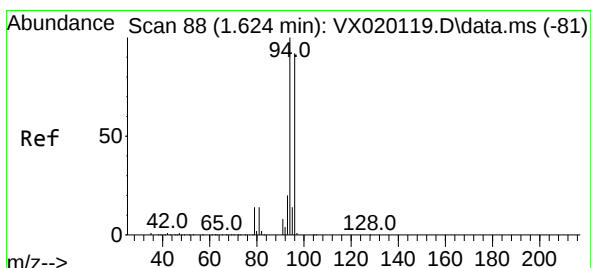
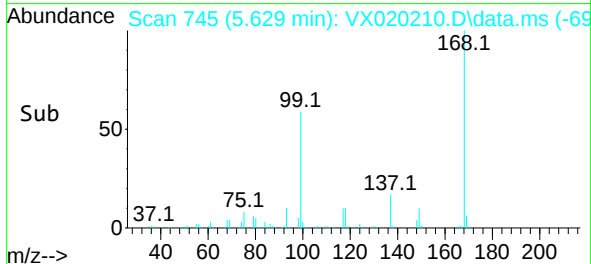
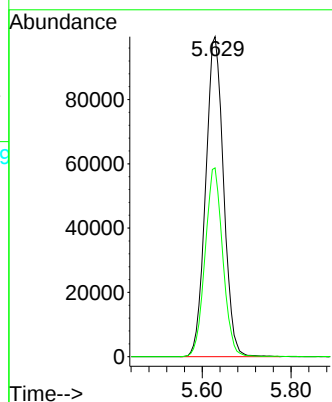
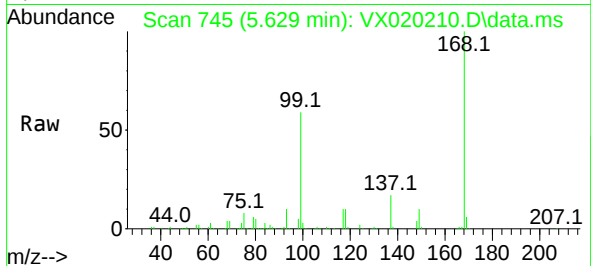




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020210.D
Acq: 20 Dec 2020 07:06

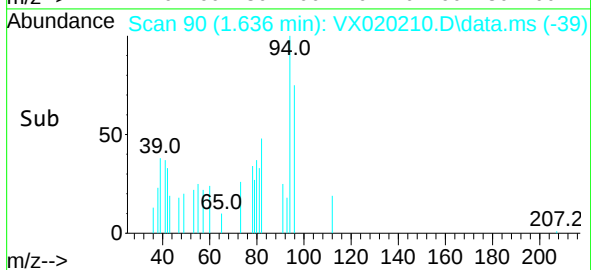
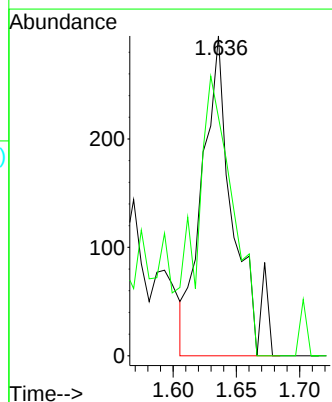
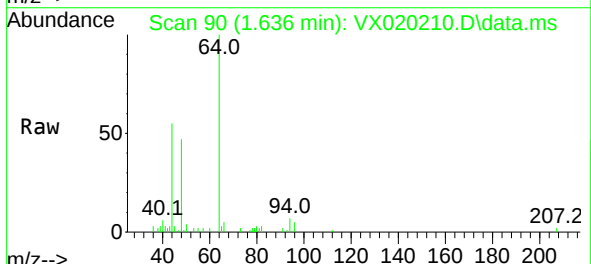
Instrument :
MSVOA_X
ClientSampleId :
49-MW006(DOB)-121320

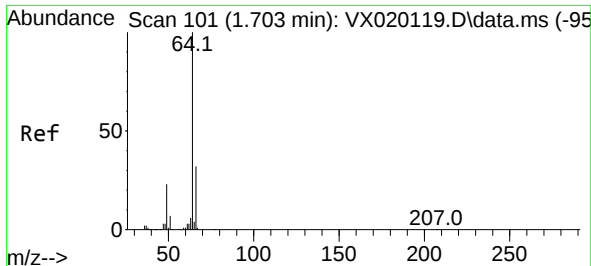
Tgt Ion:168 Resp: 278778
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.6



#5
Bromomethane
Concen: 0.41 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020210.D
Acq: 20 Dec 2020 07:06

Tgt Ion: 94 Resp: 508
Ion Ratio Lower Upper
94 100
96 74.6 76.4 114.6#

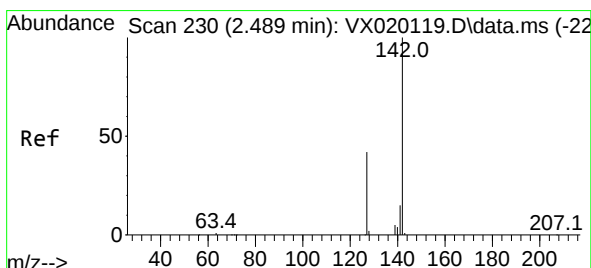
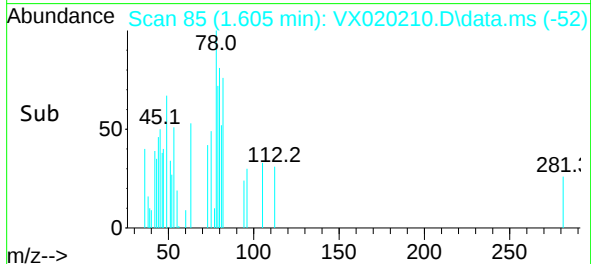
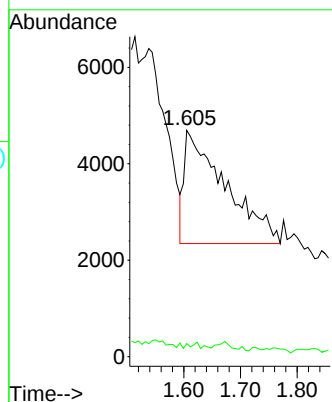
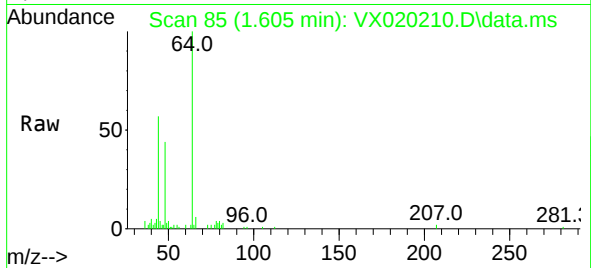




#6
Chloroethane
Concen: 4.92 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.098 min
Lab File: VX020210.D
Acq: 20 Dec 2020 07:06

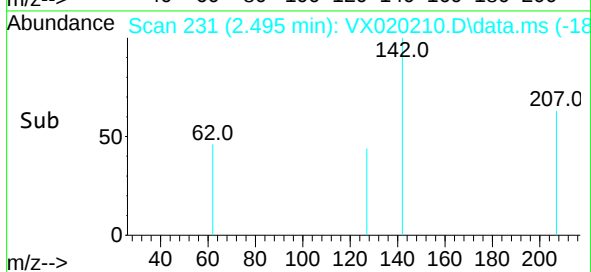
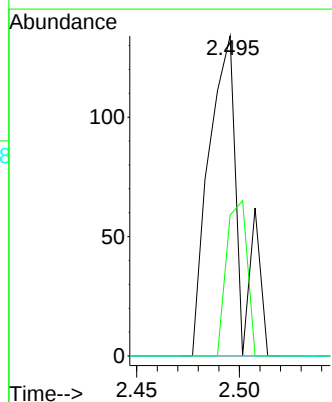
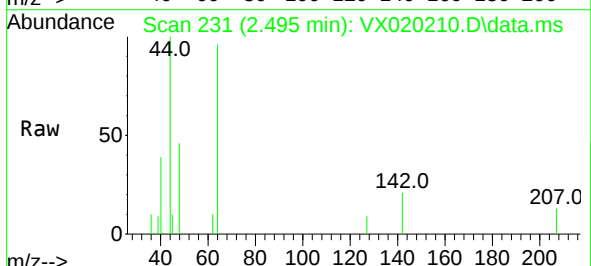
Instrument :
MSVOA_X
ClientSampleId :
49-MW006(DOB)-121320

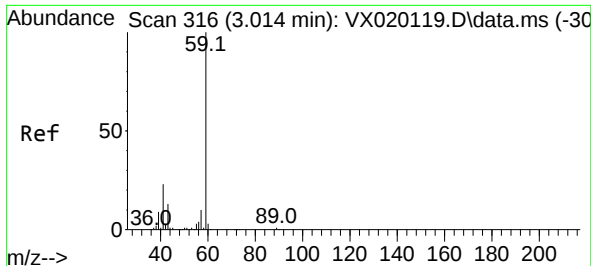
Tgt Ion: 64 Resp: 11723
Ion Ratio Lower Upper
64 100
66 4.7 25.4 38.0#



#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020210.D
Acq: 20 Dec 2020 07:06

Tgt Ion: 142 Resp: 139
Ion Ratio Lower Upper
142 100
127 32.4 33.3 49.9#
141 0.0 11.4 17.0#



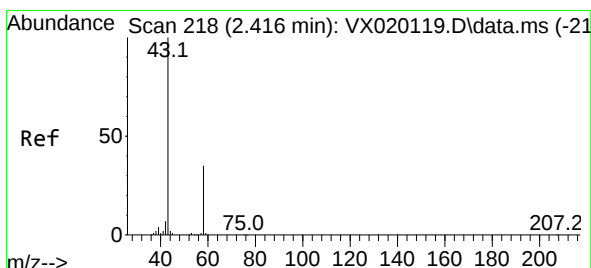
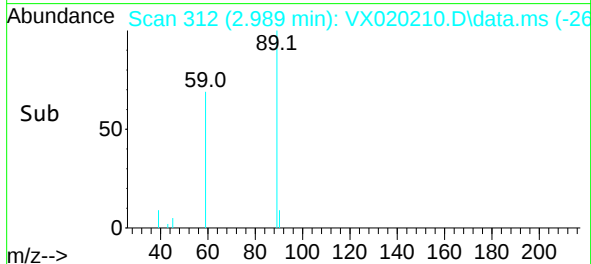
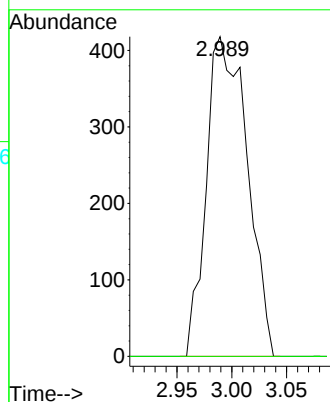
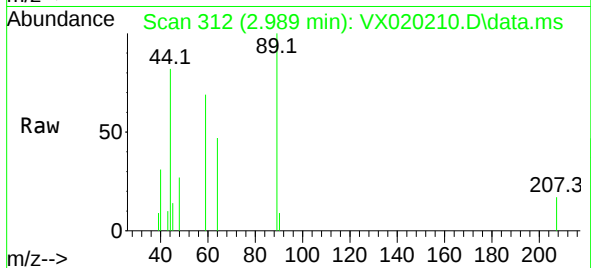


#11

Tert butyl alcohol
Concen: 1.29 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020210.D
Acq: 20 Dec 2020 07:06

Instrument :
MSVOA_X
ClientSampleId :
49-MW006(DOB)-121320

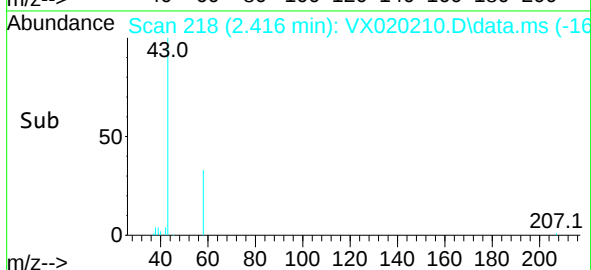
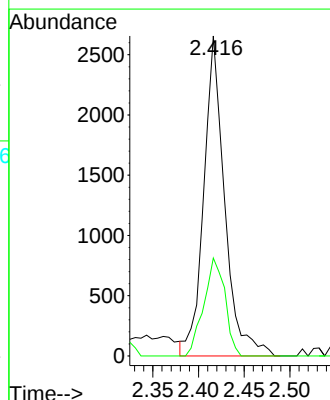
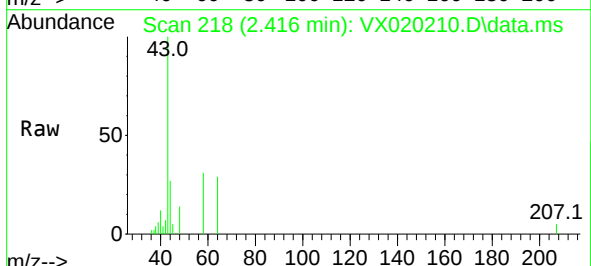
Tgt Ion: 59 Resp: 1083
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

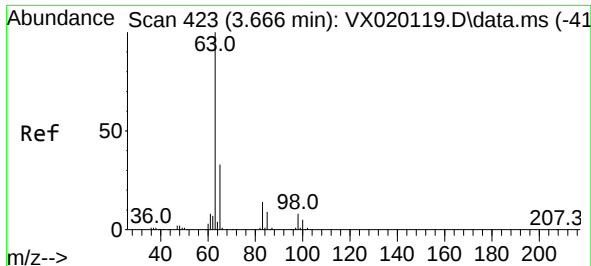


#16

Acetone
Concen: 2.48 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020210.D
Acq: 20 Dec 2020 07:06

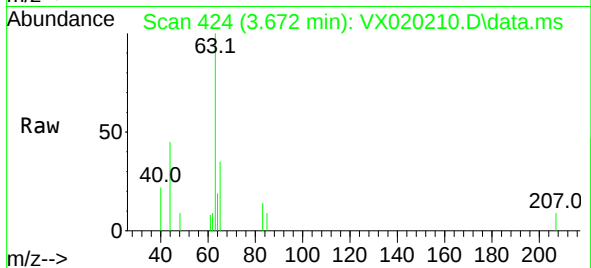
Tgt Ion: 43 Resp: 4218
Ion Ratio Lower Upper
43 100
58 30.6 27.8 41.8



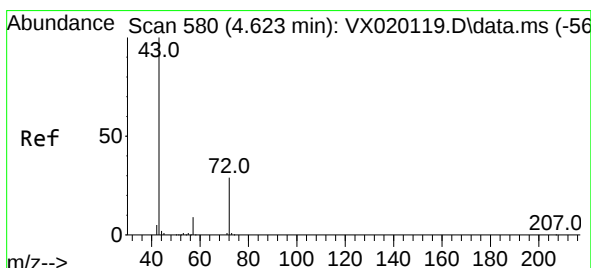
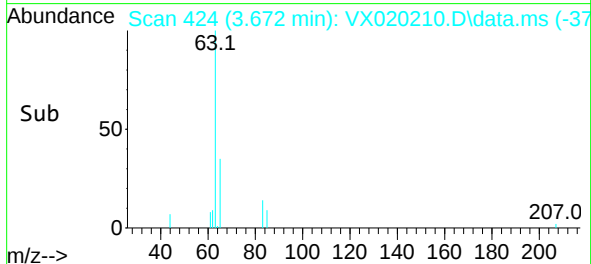
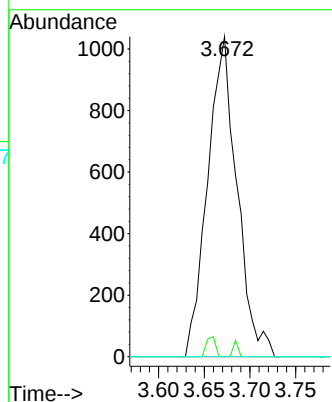


#24
1,1-Dichloroethane
Concen: 0.38 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020210.D
Acq: 20 Dec 2020 07:06

Instrument :
MSVOA_X
ClientSampleId :
49-MW006(DOB)-121320

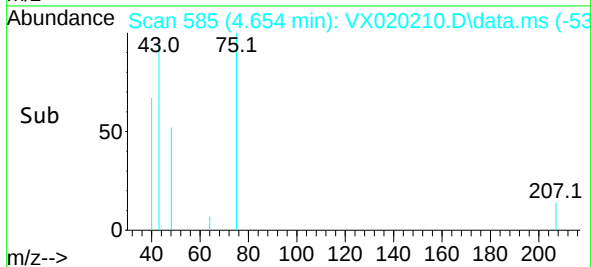
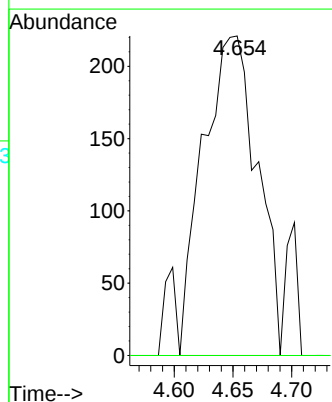
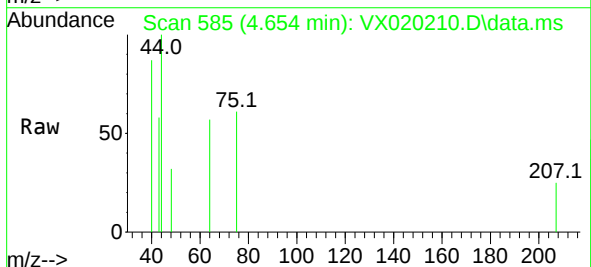


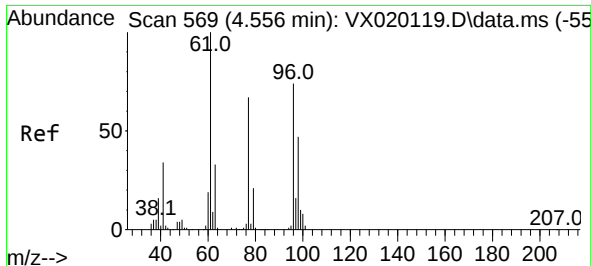
Tgt Ion: 63 Resp: 2322
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#25
2-Butanone
Concen: 0.29 ug/l
RT: 4.654 min Scan# 585
Delta R.T. 0.031 min
Lab File: VX020210.D
Acq: 20 Dec 2020 07:06

Tgt Ion: 43 Resp: 712
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#





#27

cis-1,2-Dichloroethene

Concen: 0.86 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.012 min

Lab File: VX020210.D

Acq: 20 Dec 2020 07:06

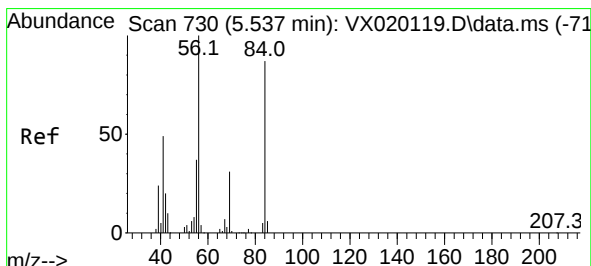
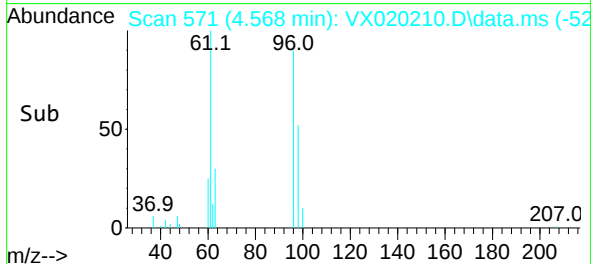
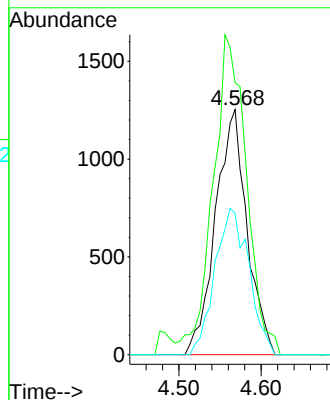
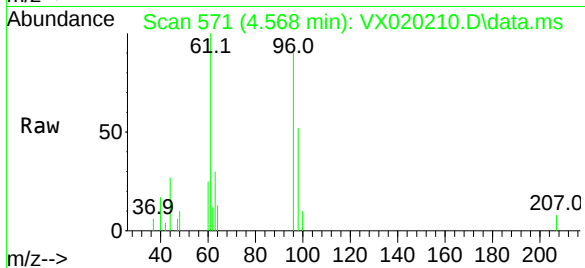
Instrument :

MSVOA_X

ClientSampleId :

49-MW006(DOB)-121320

Tgt Ion:	96	Resp:	3335
Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	285.6
98	64.4	0.0	129.6



#31

Cyclohexane

Concen: 1.06 ug/l

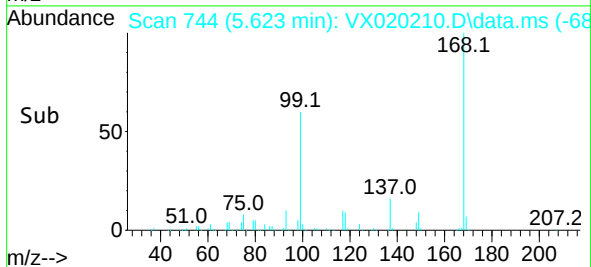
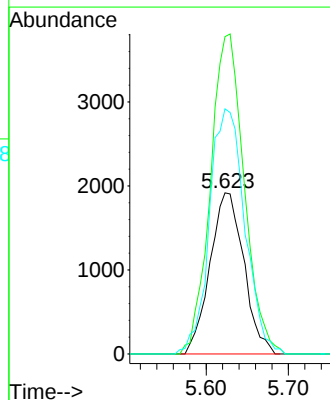
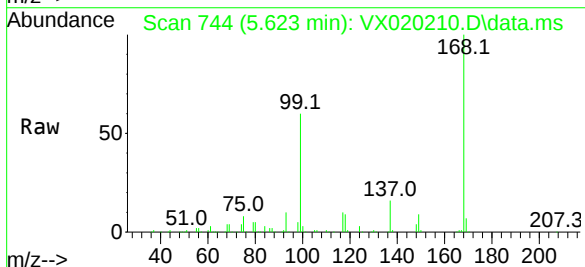
RT: 5.623 min Scan# 744

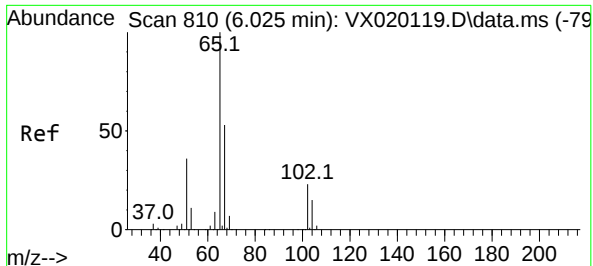
Delta R.T. 0.086 min

Lab File: VX020210.D

Acq: 20 Dec 2020 07:06

Tgt Ion:	56	Resp:	5480
Ion	Ratio	Lower	Upper
56	100		
69	196.9	25.3	37.9#
84	149.5	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.28 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020210.D

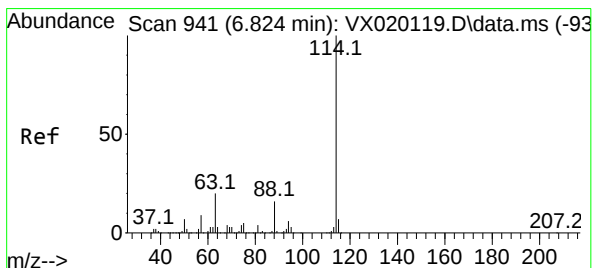
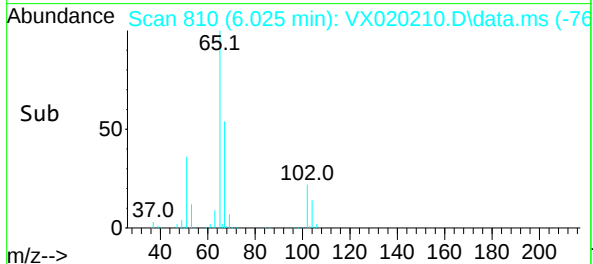
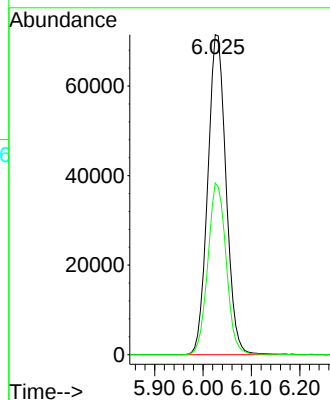
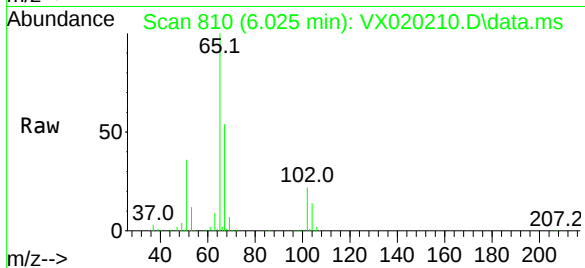
Acq: 20 Dec 2020 07:06

Tgt Ion: 65 Resp: 187902

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: VX020210.D

Acq: 20 Dec 2020 07:06

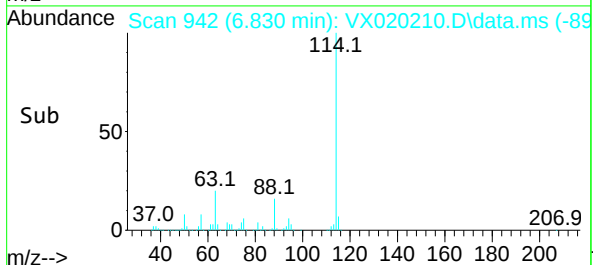
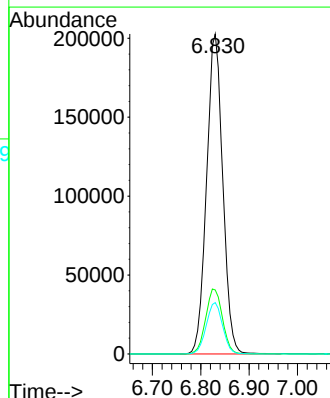
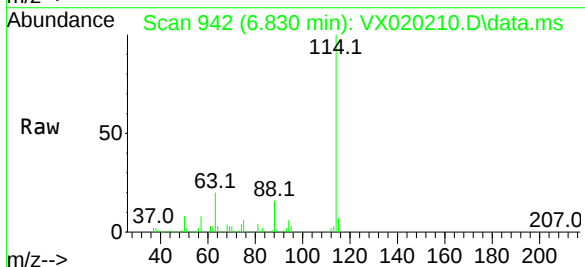
Tgt Ion: 114 Resp: 471174

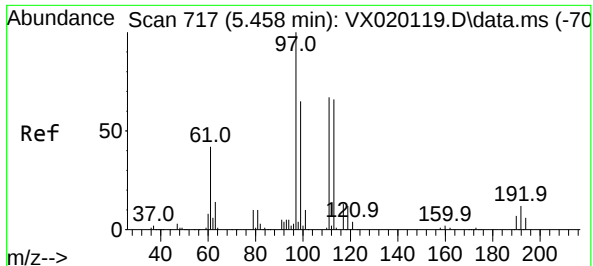
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

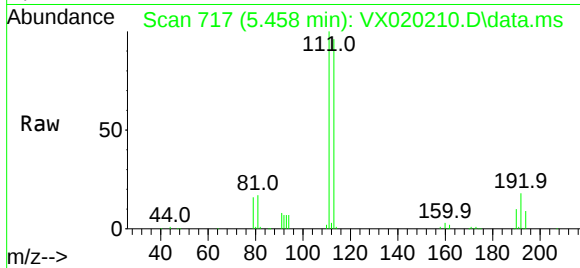
88 16.0 0.0 32.8



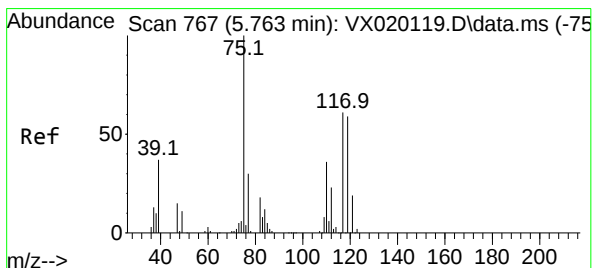
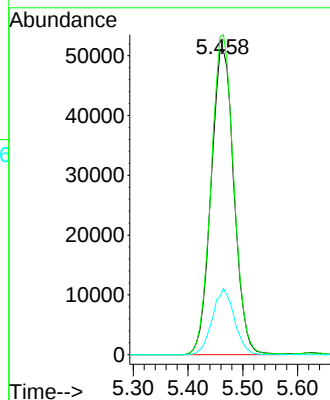
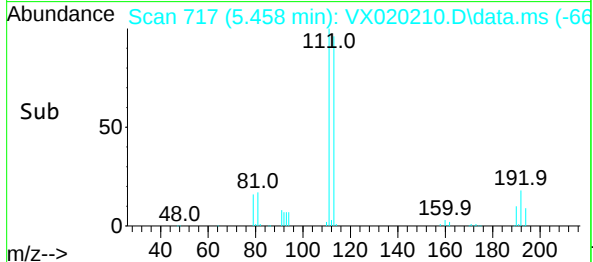


#35
Dibromofluoromethane
Concen: 49.28 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020210.D
Acq: 20 Dec 2020 07:06

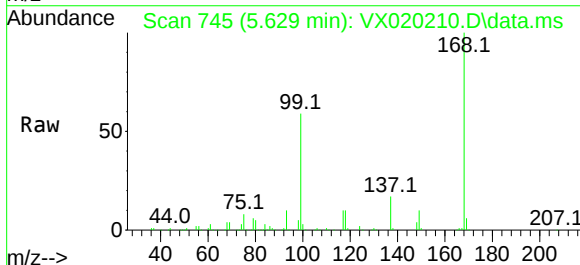
Instrument :
MSVOA_X
ClientSampleId :
49-MW006(DOB)-121320



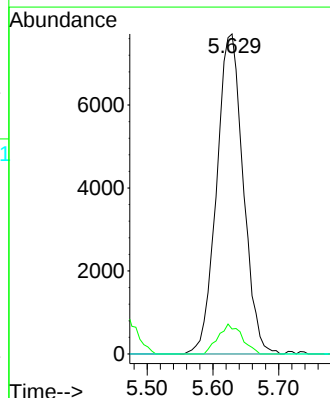
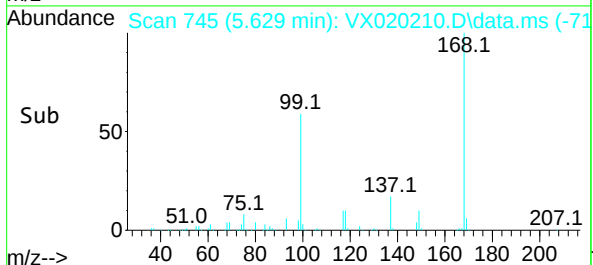
Tgt Ion:113 Resp: 148525
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 20.8 16.7 25.1

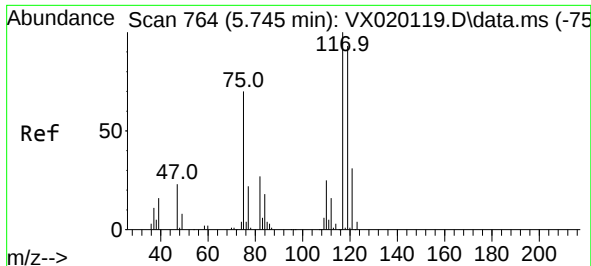


#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020210.D
Acq: 20 Dec 2020 07:06



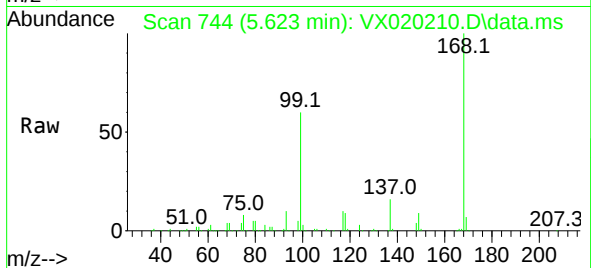
Tgt Ion: 75 Resp: 21686
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



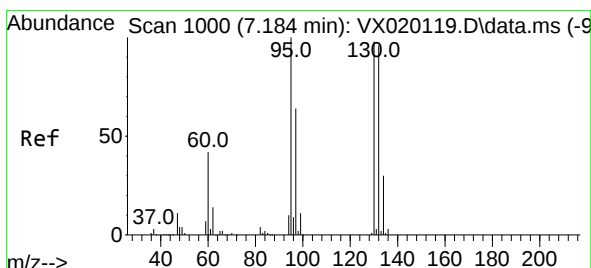
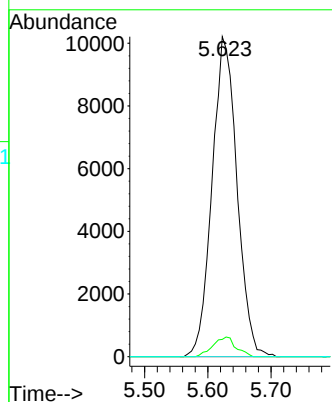
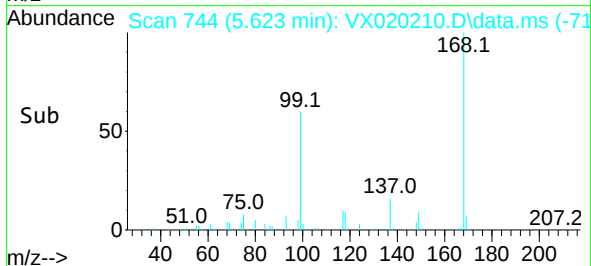


#38
Carbon Tetrachloride
Concen: 6.30 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020210.D
Acq: 20 Dec 2020 07:06

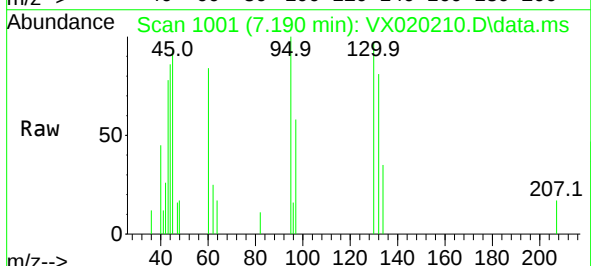
Instrument :
MSVOA_X
ClientSampleId :
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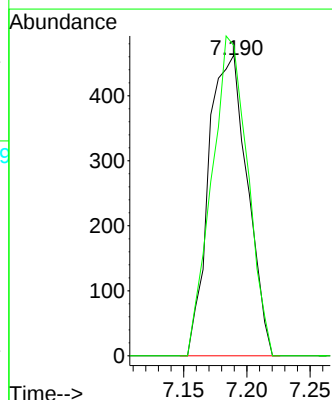
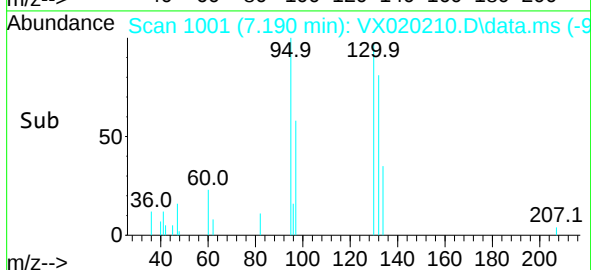
Tgt Ion:117 Resp: 27883
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

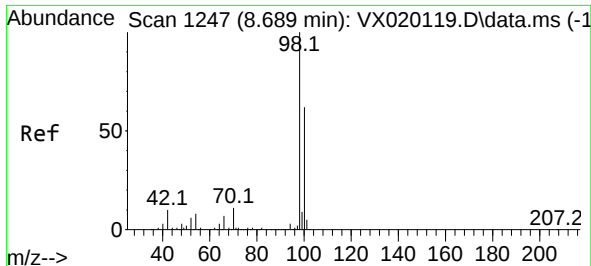


#44
Trichloroethene
Concen: 0.26 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020210.D
Acq: 20 Dec 2020 07:06



Tgt Ion:130 Resp: 983
Ion Ratio Lower Upper
130 100
95 103.0 0.0 198.0

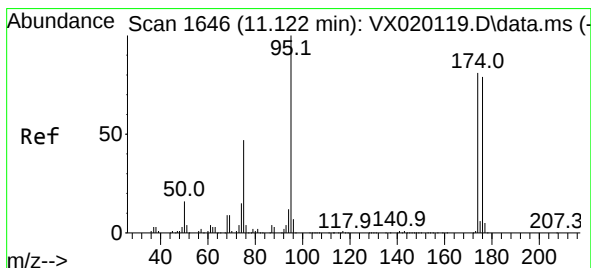
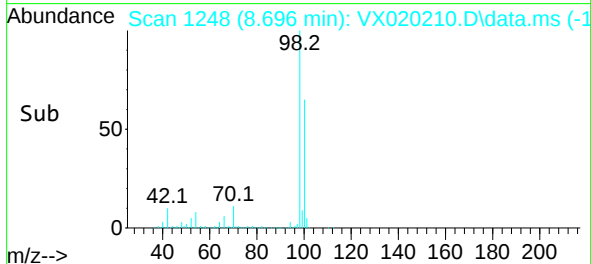
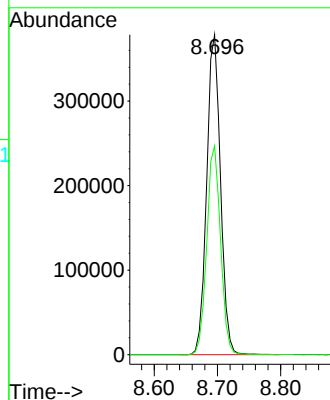
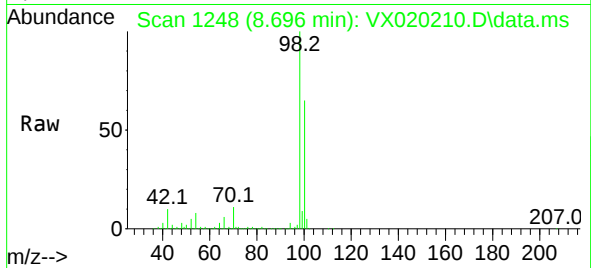




#50
Toluene-d8
Concen: 49.63 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020210.D
Acq: 20 Dec 2020 07:06

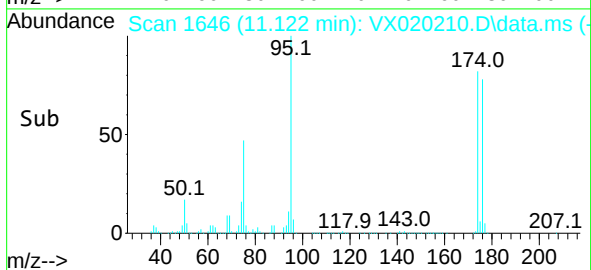
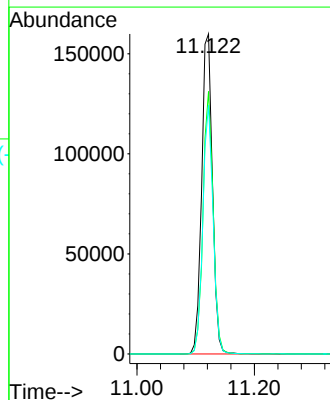
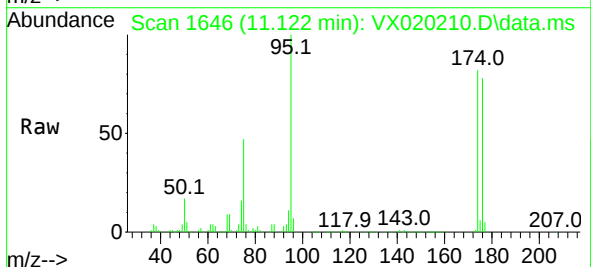
Instrument :
MSVOA_X
ClientSampleId :
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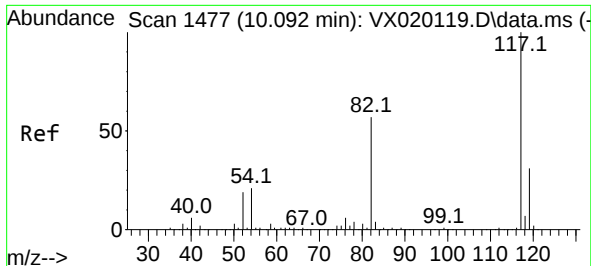
Tgt Ion: 98 Resp: 575787
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.91 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020210.D
Acq: 20 Dec 2020 07:06

Tgt Ion: 95 Resp: 203851
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.6
176 74.1 0.0 155.8

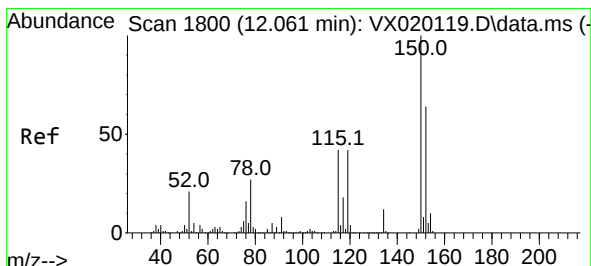
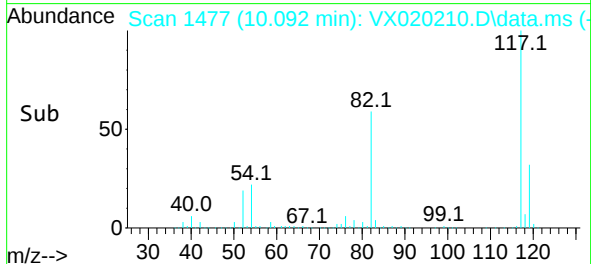
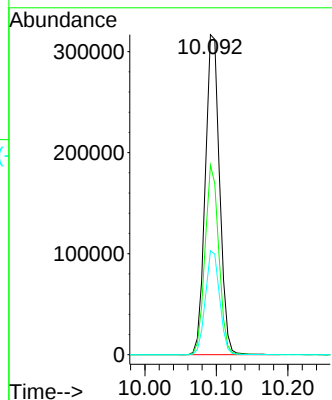
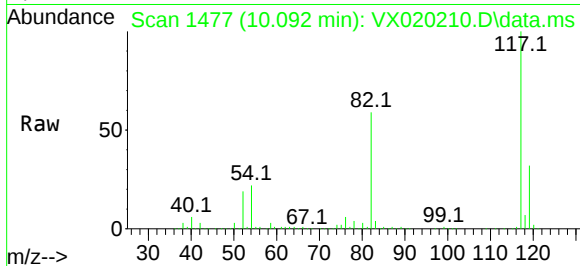




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020210.D
Acq: 20 Dec 2020 07:06

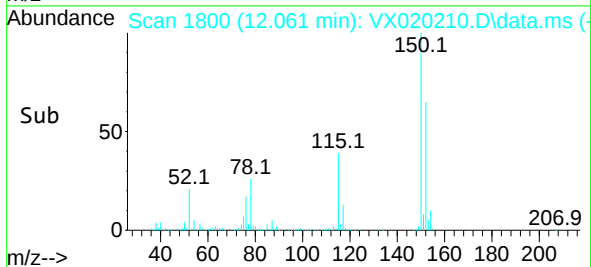
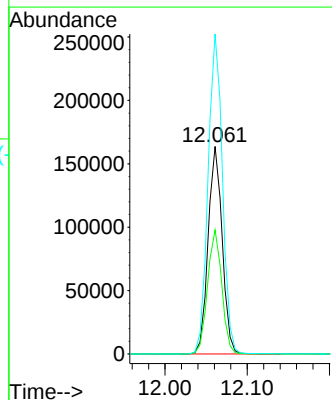
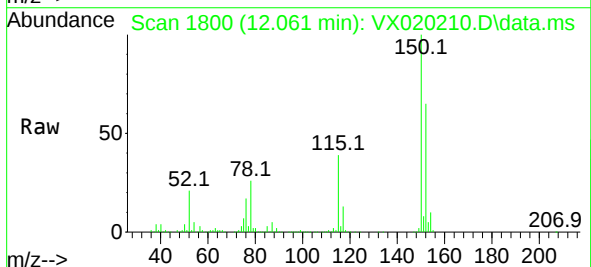
Instrument :
MSVOA_X
ClientSampleId :
49-MW006(DOB)-121320

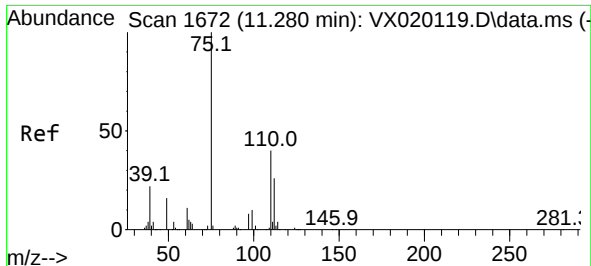
Tgt Ion:117 Resp: 441982
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020210.D
Acq: 20 Dec 2020 07:06

Tgt Ion:152 Resp: 194504
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 157.4 0.0 349.0

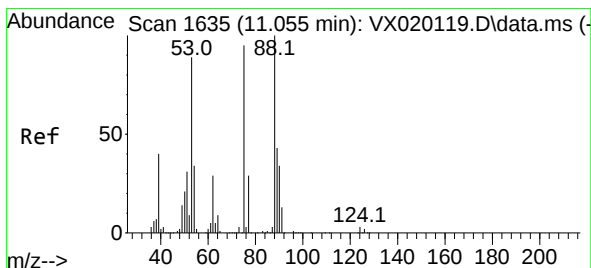
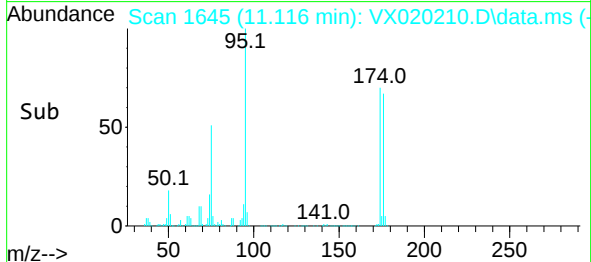
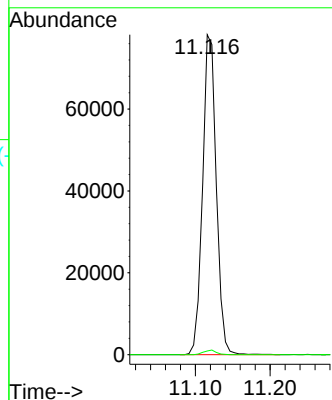
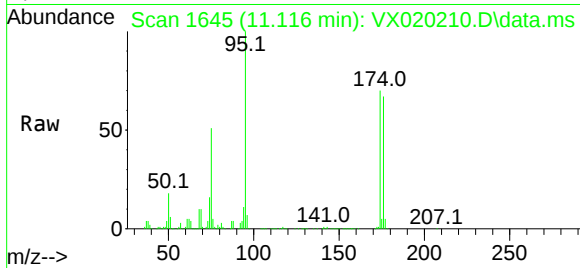




#76
1,2,3-Trichloropropane
Concen: 20.75 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020210.D
Acq: 20 Dec 2020 07:06

Instrument :
MSVOA_X
ClientSampleId :
49-MW006(DOB)-121320

Tgt Ion: 75 Resp: 99393
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.55 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020210.D
Acq: 20 Dec 2020 07:06

Tgt Ion: 75 Resp: 99393
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

