

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121120\
 Data File : VX019890.D
 Acq On : 11 Dec 2020 21:16
 Operator : JC/MD
 Sample : L4996-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20201207

Quant Time: Dec 12 00:04:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : Sw846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

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

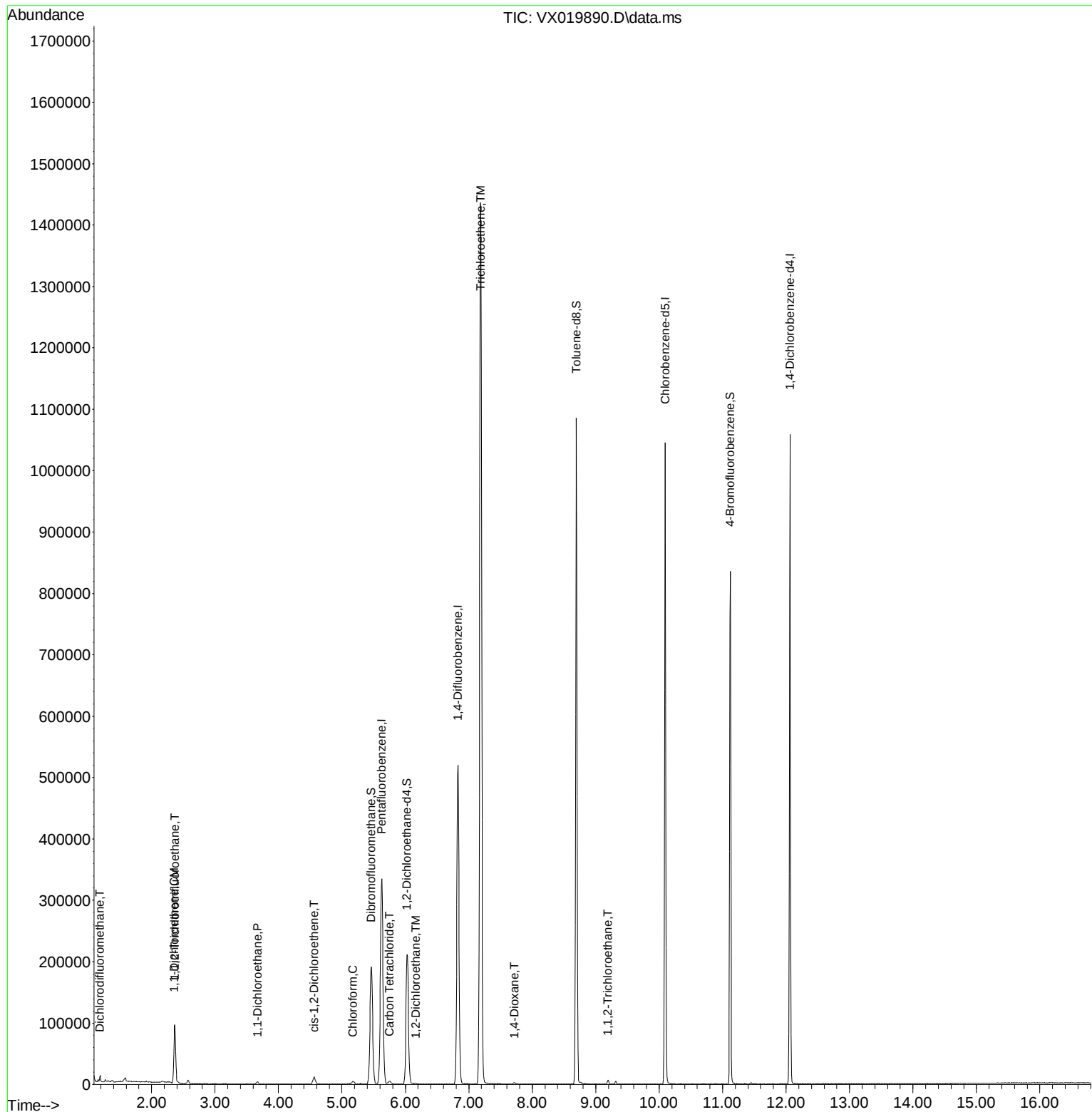
Internal Standards						
1) Pentafluorobenzene	5.629	168	319637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	537853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	496329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	210337	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	205136	48.83	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	97.66%	
35) Dibromofluoromethane	5.464	113	166115	47.79	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	95.58%	
50) Toluene-d8	8.695	98	651427	49.09	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.122	95	226655	44.87	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	89.74%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	3336	1.14	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.367	101	34023	11.75	ug/l	99
12) 1,1-Dichloroethene	2.355	96	7347	2.51	ug/l	98
24) 1,1-Dichloroethane	3.672	63	4092	0.68	ug/l	97
27) cis-1,2-Dichloroethene	4.562	96	7216	1.81	ug/l	94
30) Chloroform	5.172	83	5531	0.89	ug/l	97
38) Carbon Tetrachloride	5.751	117	4483	0.94	ug/l #	96
42) 1,2-Dichloroethane	6.165	62	1322	0.26	ug/l	90
44) Trichloroethene	7.184	130	566622	145.46	ug/l	98
49) 1,4-Dioxane	7.720	88	1859	19.56	ug/l #	96
55) 1,1,2-Trichloroethane	9.195	97	1654	0.44	ug/l	92

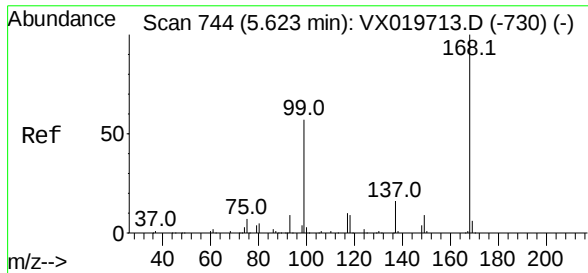
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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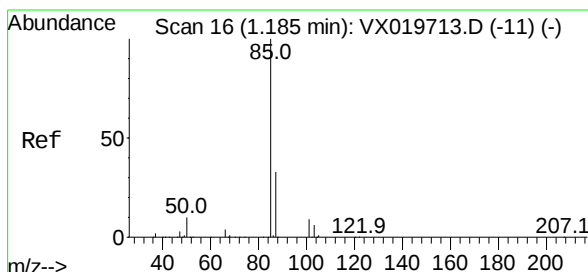
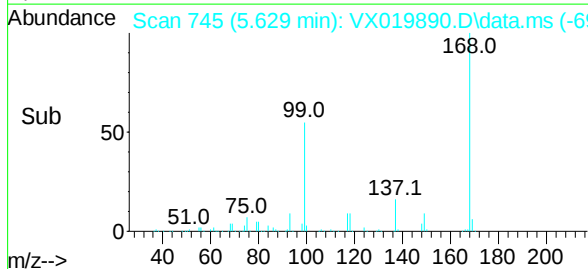
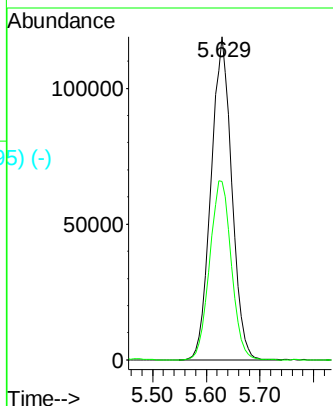
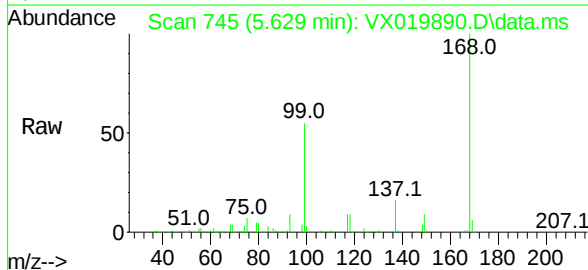




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX019890.D
Acq: 11 Dec 2020 21:16

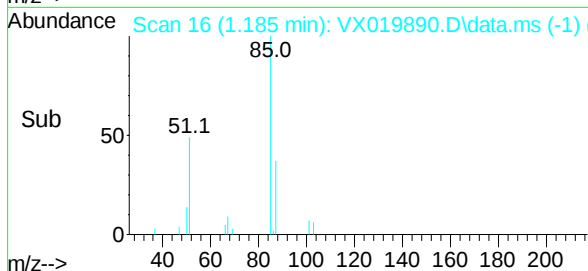
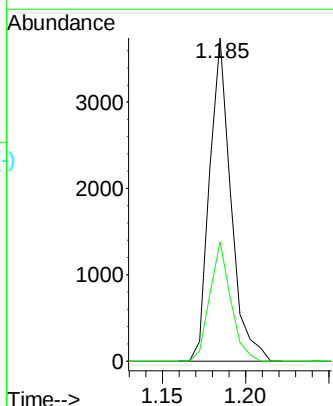
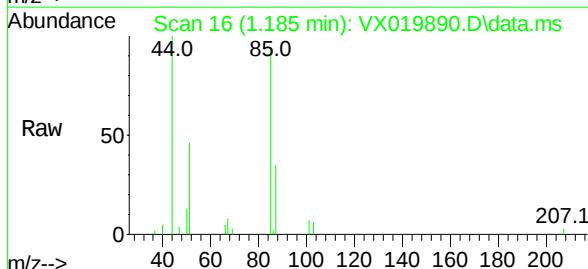
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20201207

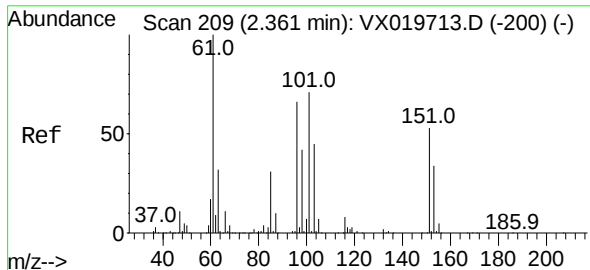
Tgt Ion:168 Resp: 319637
Ion Ratio Lower Upper
168 100
99 55.2 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.14 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX019890.D
Acq: 11 Dec 2020 21:16

Tgt Ion: 85 Resp: 3336
Ion Ratio Lower Upper
85 100
87 37.1 16.4 49.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.75 ug/l

RT: 2.367 min Scan# 210

Delta R.T. 0.006 min

Lab File: VX019890.D

Acq: 11 Dec 2020 21:16

Tgt Ion:101 Resp: 34023

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

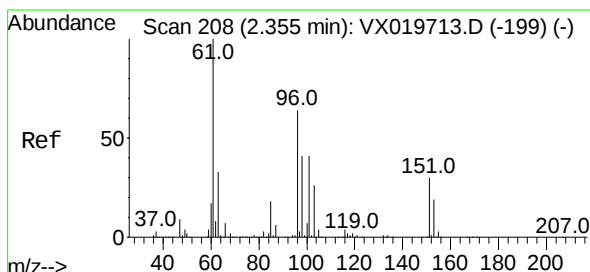
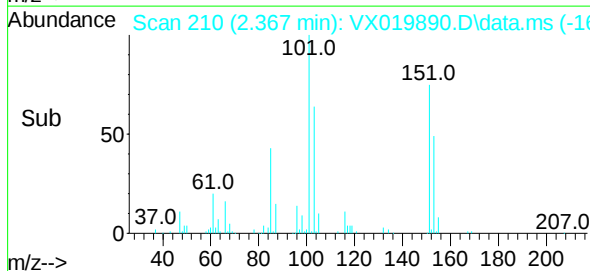
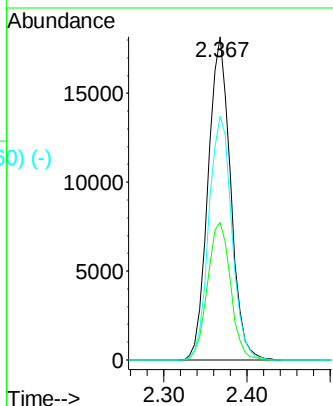
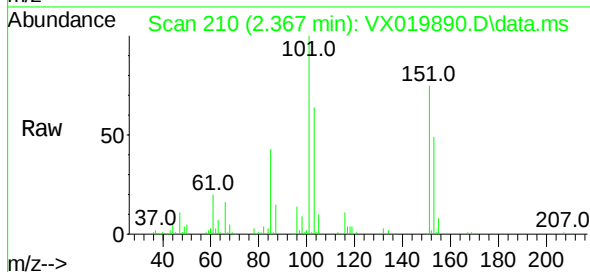
151 77.5 61.4 92.2

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20201207



#12

1,1-Dichloroethene

Concen: 2.51 ug/l

RT: 2.355 min Scan# 208

Delta R.T. -0.000 min

Lab File: VX019890.D

Acq: 11 Dec 2020 21:16

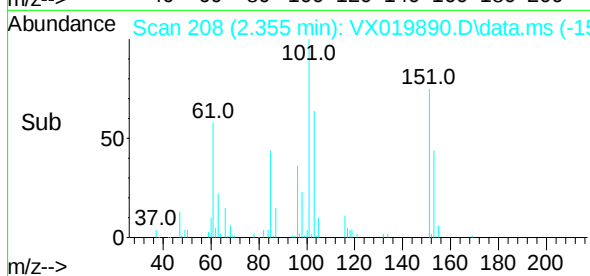
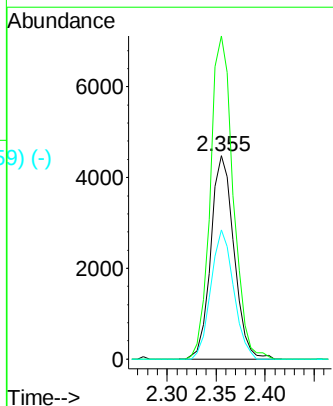
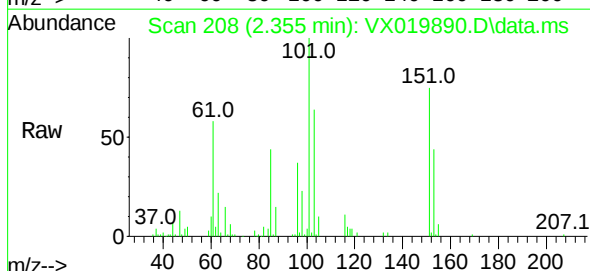
Tgt Ion: 96 Resp: 7347

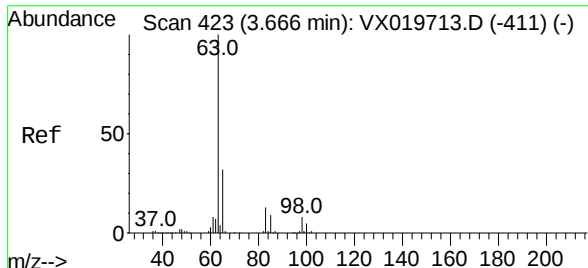
Ion Ratio Lower Upper

96 100

61 158.8 124.6 187.0

98 63.4 50.6 76.0





#24

1,1-Dichloroethane

Concen: 0.68 ug/l

RT: 3.672 min Scan# 424

Delta R.T. 0.006 min

Lab File: VX019890.D

Acq: 11 Dec 2020 21:16

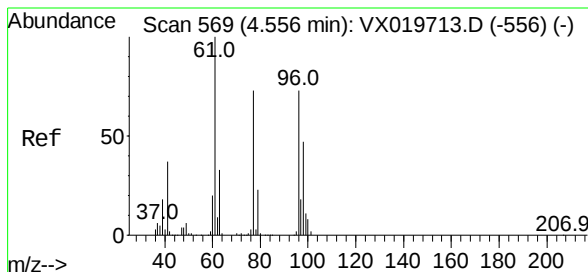
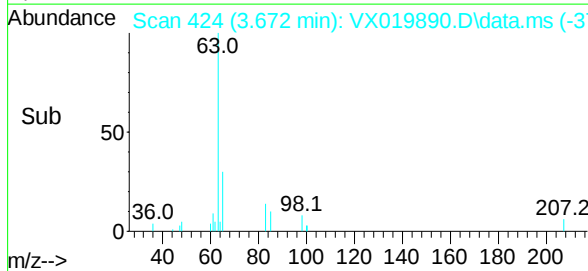
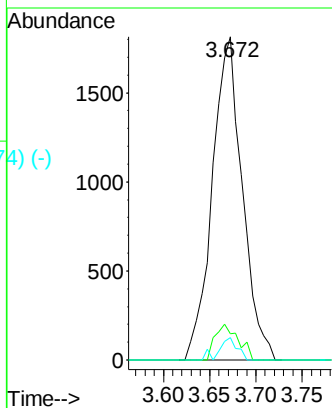
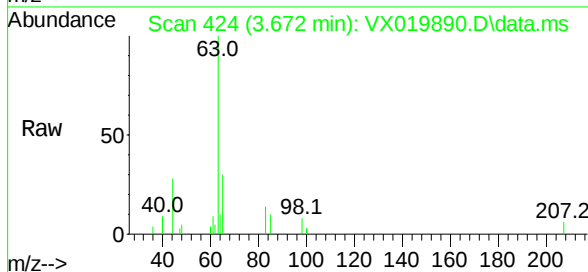
Tgt Ion: 63 Resp: 4092

Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.2

100 6.9 2.5 7.5



#27

cis-1,2-Dichloroethene

Concen: 1.81 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX019890.D

Acq: 11 Dec 2020 21:16

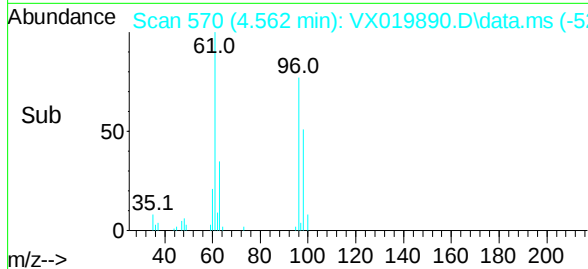
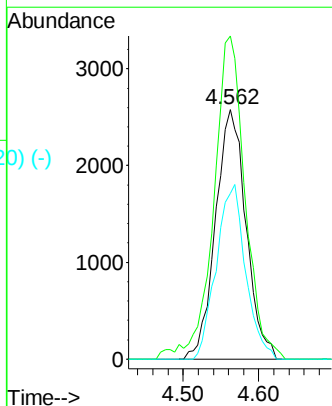
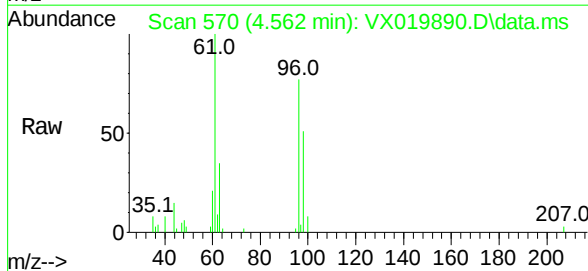
Tgt Ion: 96 Resp: 7216

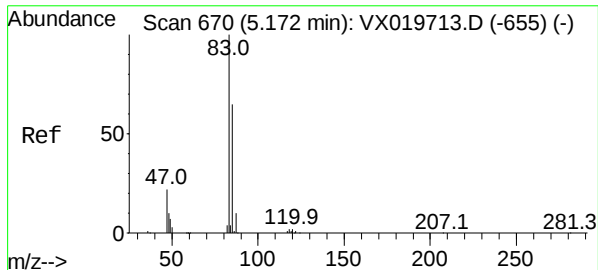
Ion Ratio Lower Upper

96 100

61 133.3 0.0 285.6

98 67.2 0.0 129.6

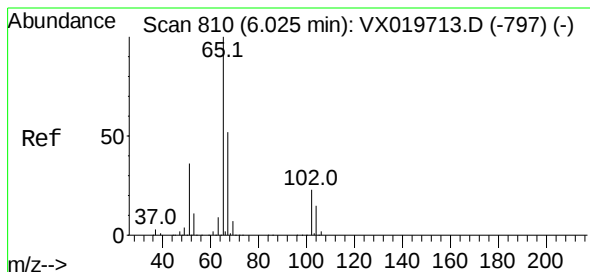
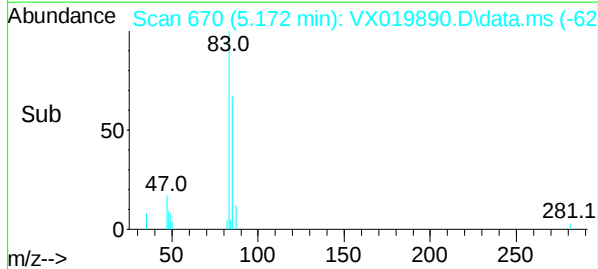
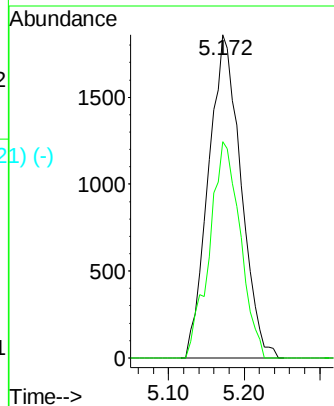
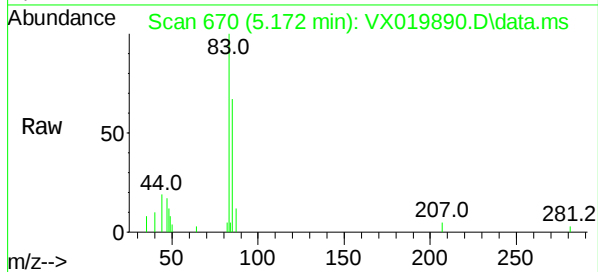




#30
Chloroform
Concen: 0.89 ug/l
RT: 5.172 min Scan# 670
Delta R.T. -0.000 min
Lab File: VX019890.D
Acq: 11 Dec 2020 21:16

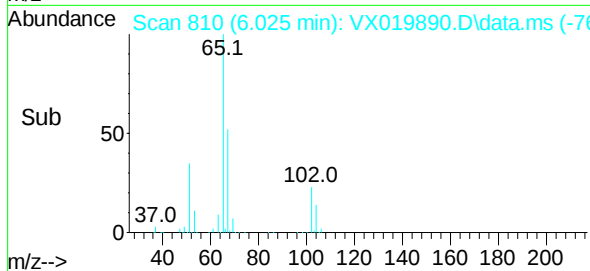
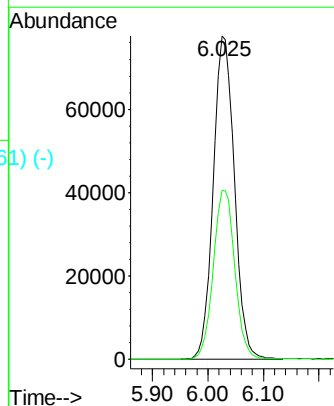
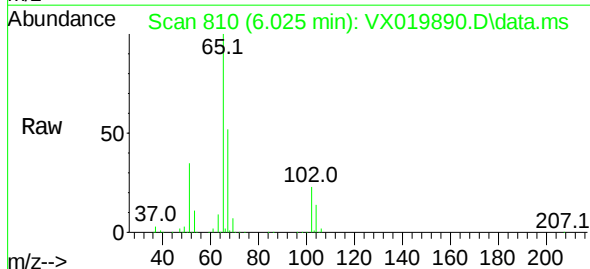
Instrument :
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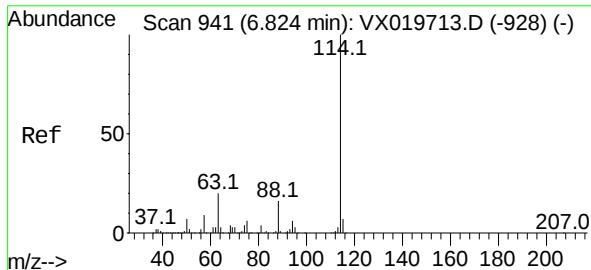
Tgt Ion: 83 Resp: 5531
Ion Ratio Lower Upper
83 100
85 67.0 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 48.83 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX019890.D
Acq: 11 Dec 2020 21:16

Tgt Ion: 65 Resp: 205136
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

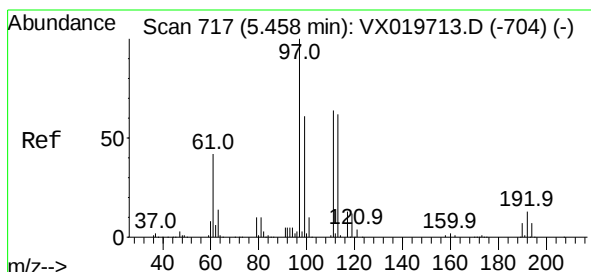
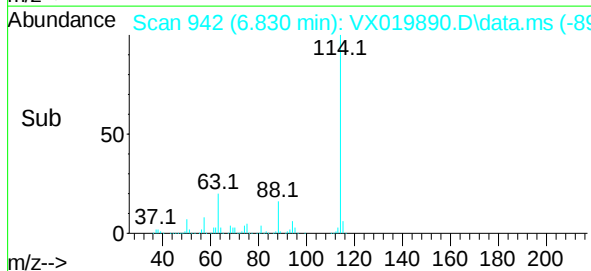
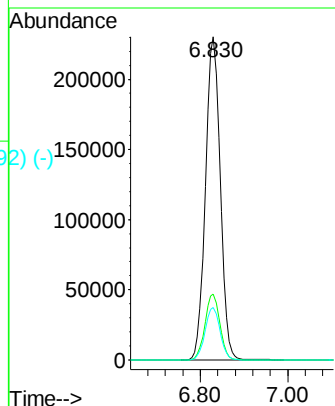
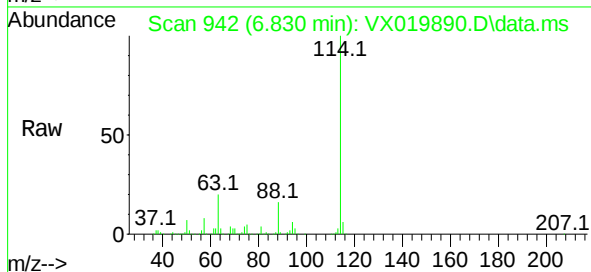




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX019890.D
Acq: 11 Dec 2020 21:16

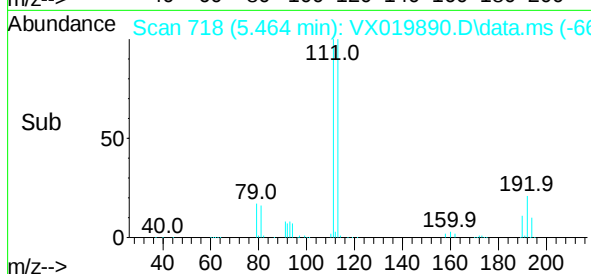
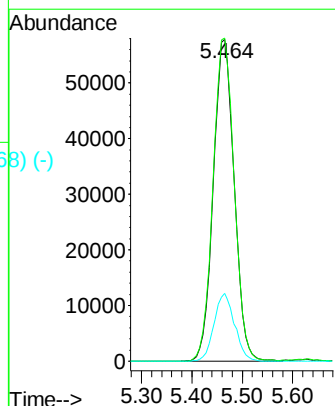
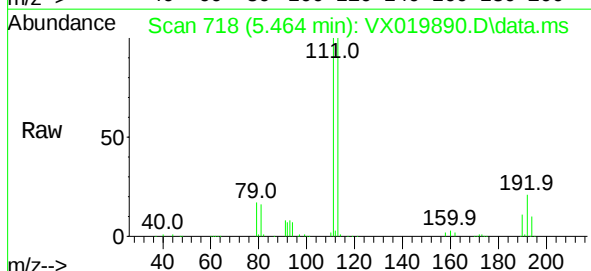
Instrument :
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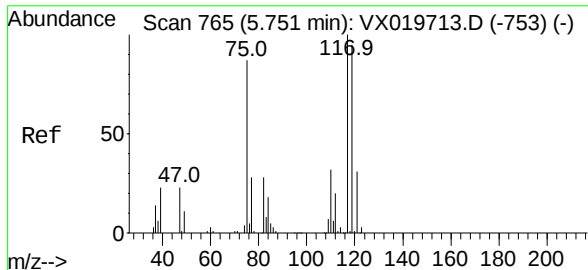
Tgt Ion:114	Resp: 537853
Ion Ratio	Lower Upper
114 100	
63 20.5	0.0 40.8
88 16.2	0.0 32.8



#35
Dibromofluoromethane
Concen: 47.79 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX019890.D
Acq: 11 Dec 2020 21:16

Tgt Ion:113	Resp: 166115
Ion Ratio	Lower Upper
113 100	
111 101.9	81.9 122.9
192 20.6	16.7 25.1

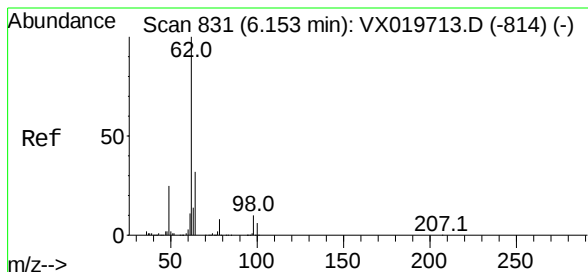
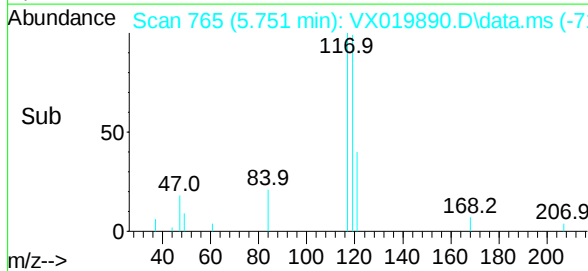
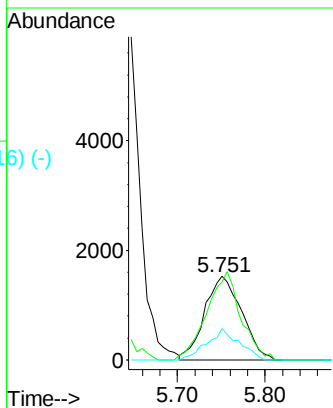
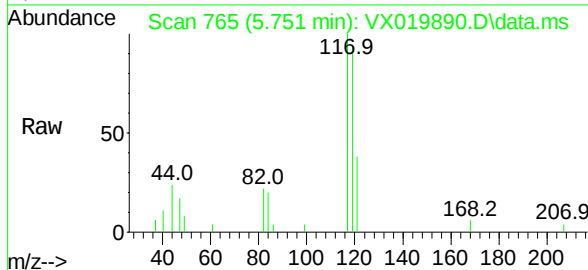




#38
Carbon Tetrachloride
Concen: 0.94 ug/l
RT: 5.751 min Scan# 765
Delta R.T. -0.000 min
Lab File: VX019890.D
Acq: 11 Dec 2020 21:16

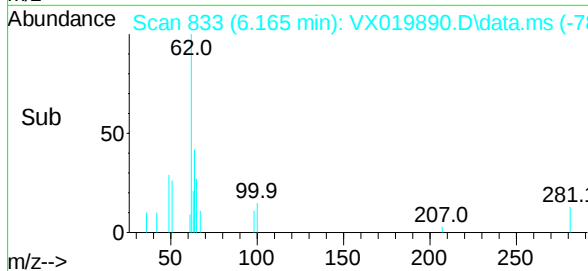
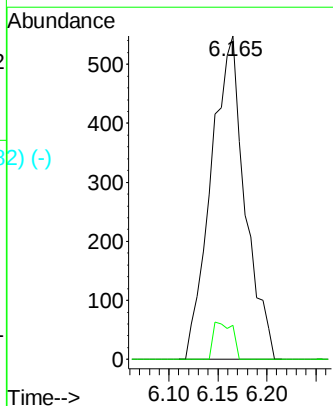
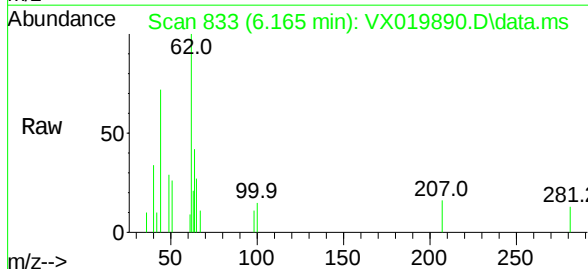
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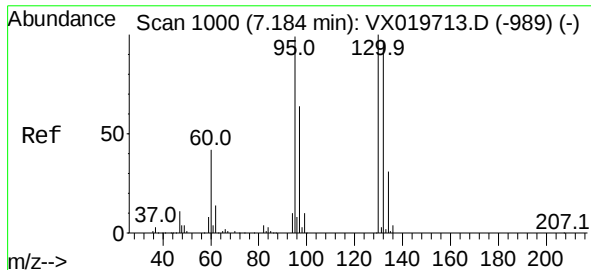
Tgt Ion:117 Resp: 4483
Ion Ratio Lower Upper
117 100
119 93.6 76.2 114.2
121 37.5 24.8 37.2#



#42
1,2-Dichloroethane
Concen: 0.26 ug/l
RT: 6.165 min Scan# 833
Delta R.T. 0.012 min
Lab File: VX019890.D
Acq: 11 Dec 2020 21:16

Tgt Ion: 62 Resp: 1322
Ion Ratio Lower Upper
62 100
98 6.4 0.0 20.2

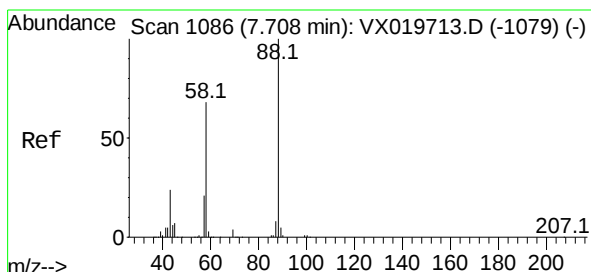
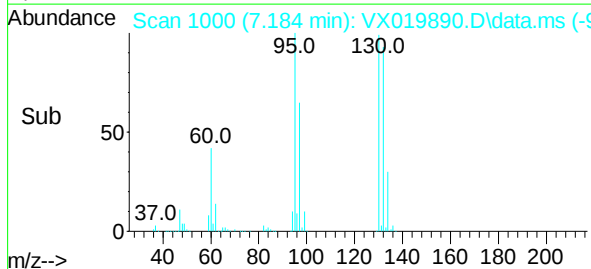
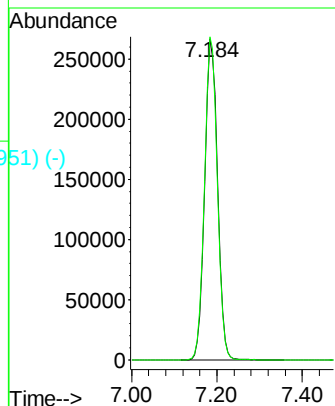
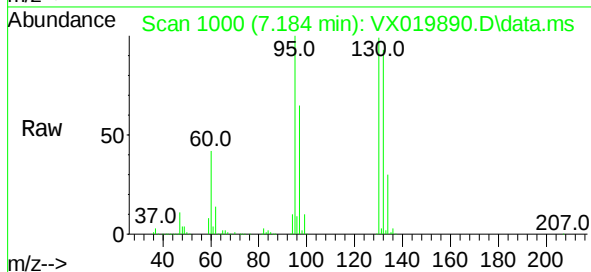




#44
Trichloroethene
Concen: 145.46 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX019890.D
Acq: 11 Dec 2020 21:16

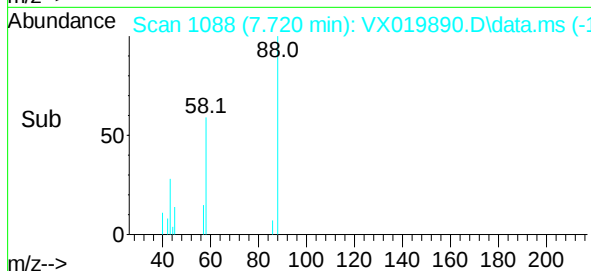
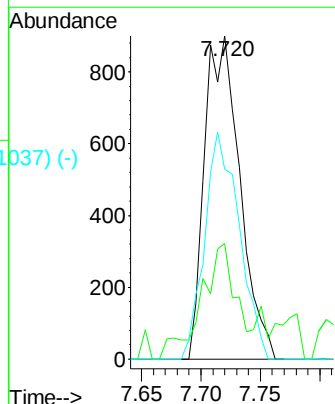
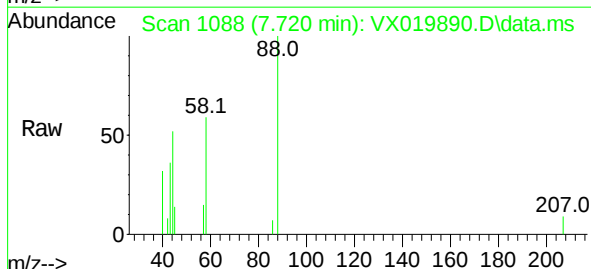
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20201207

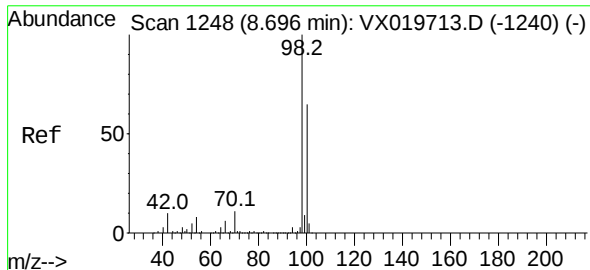
Tgt Ion:130 Resp: 566622
Ion Ratio Lower Upper
130 100
95 100.6 0.0 198.0



#49
1,4-Dioxane
Concen: 19.56 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.012 min
Lab File: VX019890.D
Acq: 11 Dec 2020 21:16

Tgt Ion: 88 Resp: 1859
Ion Ratio Lower Upper
88 100
43 36.6 23.2 34.8#
58 68.7 55.0 82.4

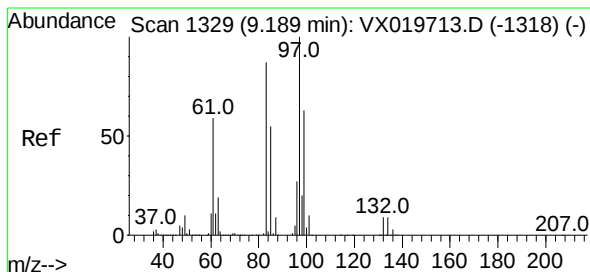
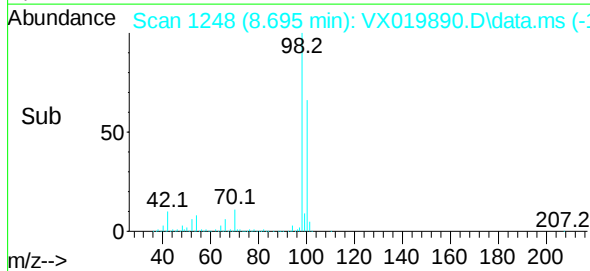
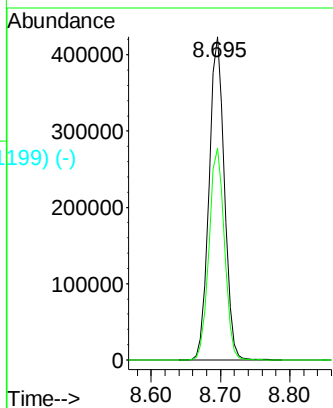
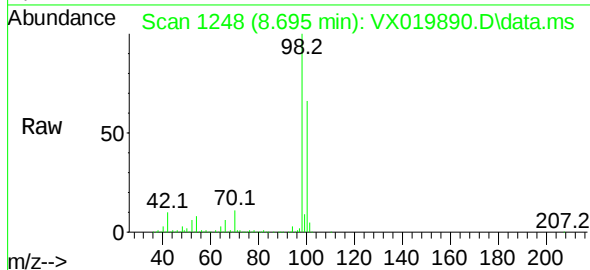




#50
Toluene-d8
Concen: 49.09 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX019890.D
Acq: 11 Dec 2020 21:16

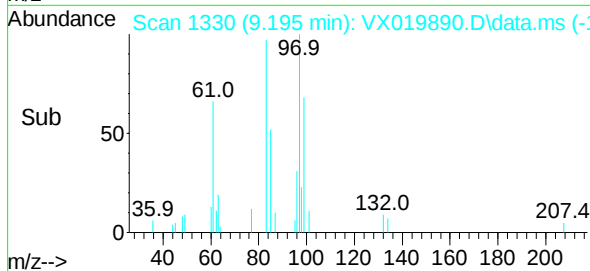
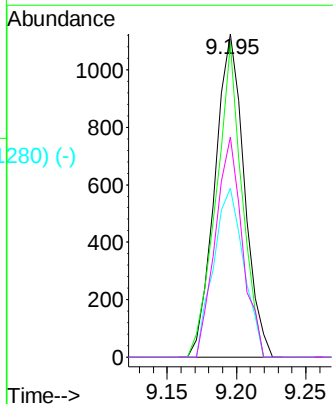
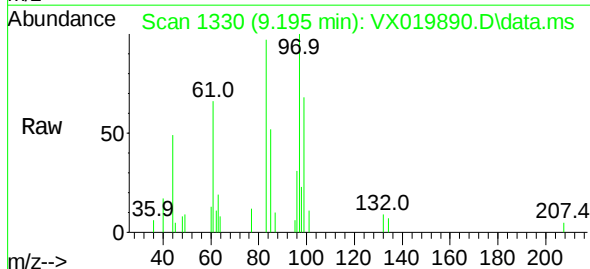
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20201207

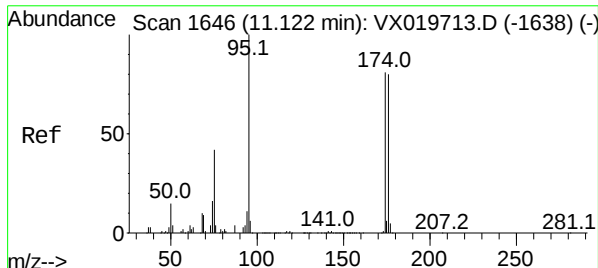
Tgt Ion: 98 Resp: 651427
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#55
1,1,2-Trichloroethane
Concen: 0.44 ug/l
RT: 9.195 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VX019890.D
Acq: 11 Dec 2020 21:16

Tgt Ion: 97 Resp: 1654
Ion Ratio Lower Upper
97 100
83 97.0 69.3 103.9
85 52.2 44.3 66.5
99 68.1 50.3 75.5

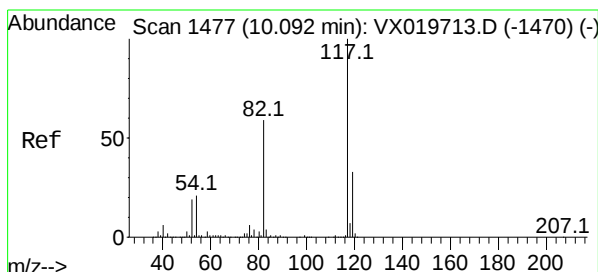
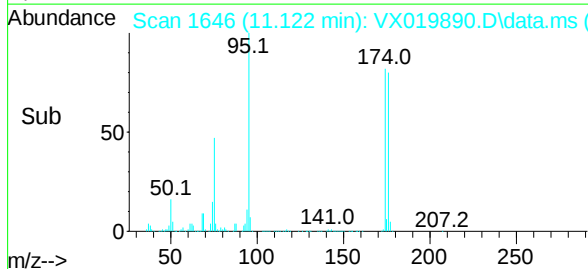
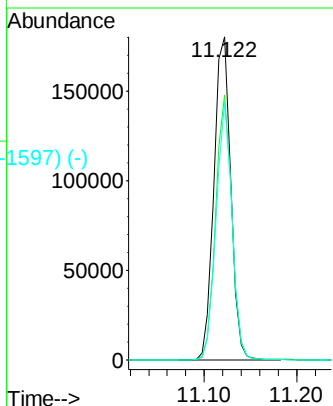
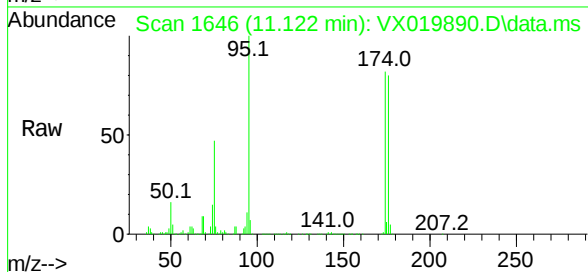




#62
4-Bromofluorobenzene
Concen: 44.87 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX019890.D
Acq: 11 Dec 2020 21:16

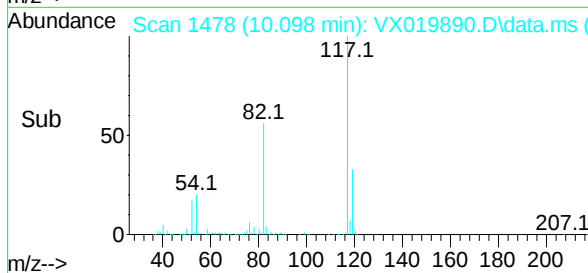
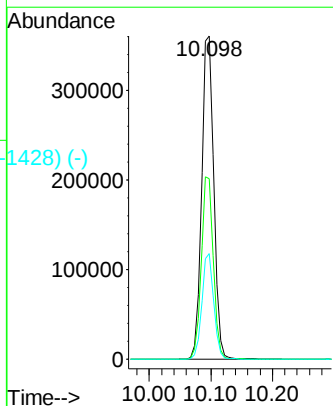
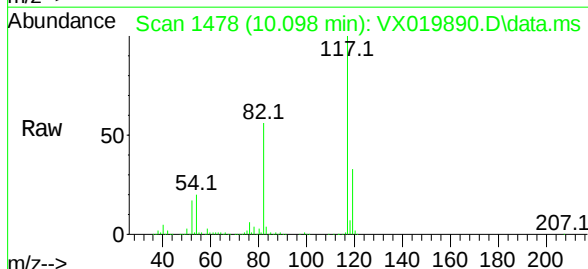
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20201207

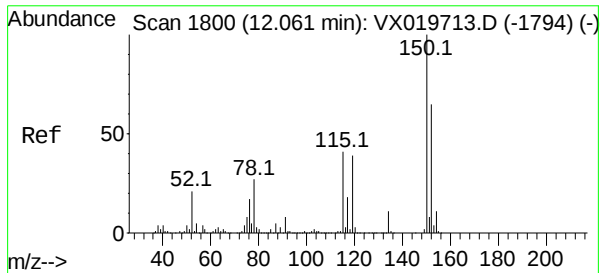
Tgt Ion:	95	Resp:	226655
Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	154.6
176	76.0	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX019890.D
Acq: 11 Dec 2020 21:16

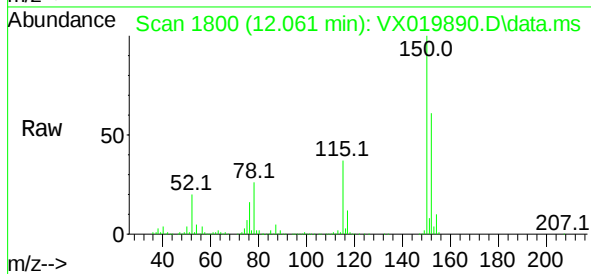
Tgt Ion:	117	Resp:	496329
Ion	Ratio	Lower	Upper
117	100		
82	55.8	47.4	71.2
119	32.7	26.6	39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX019890.D
 Acq: 11 Dec 2020 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20201207



Tgt Ion:	152	Resp:	210337
Ion	Ratio	Lower	Upper
152	100		
115	60.4	41.1	123.3
150	161.6	0.0	349.0

