

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020304.D
 Acq On : 22 Dec 2020 15:29
 Operator : JC/MD
 Sample : L5123-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D-20201211

Quant Time: Dec 23 00:31:31 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)

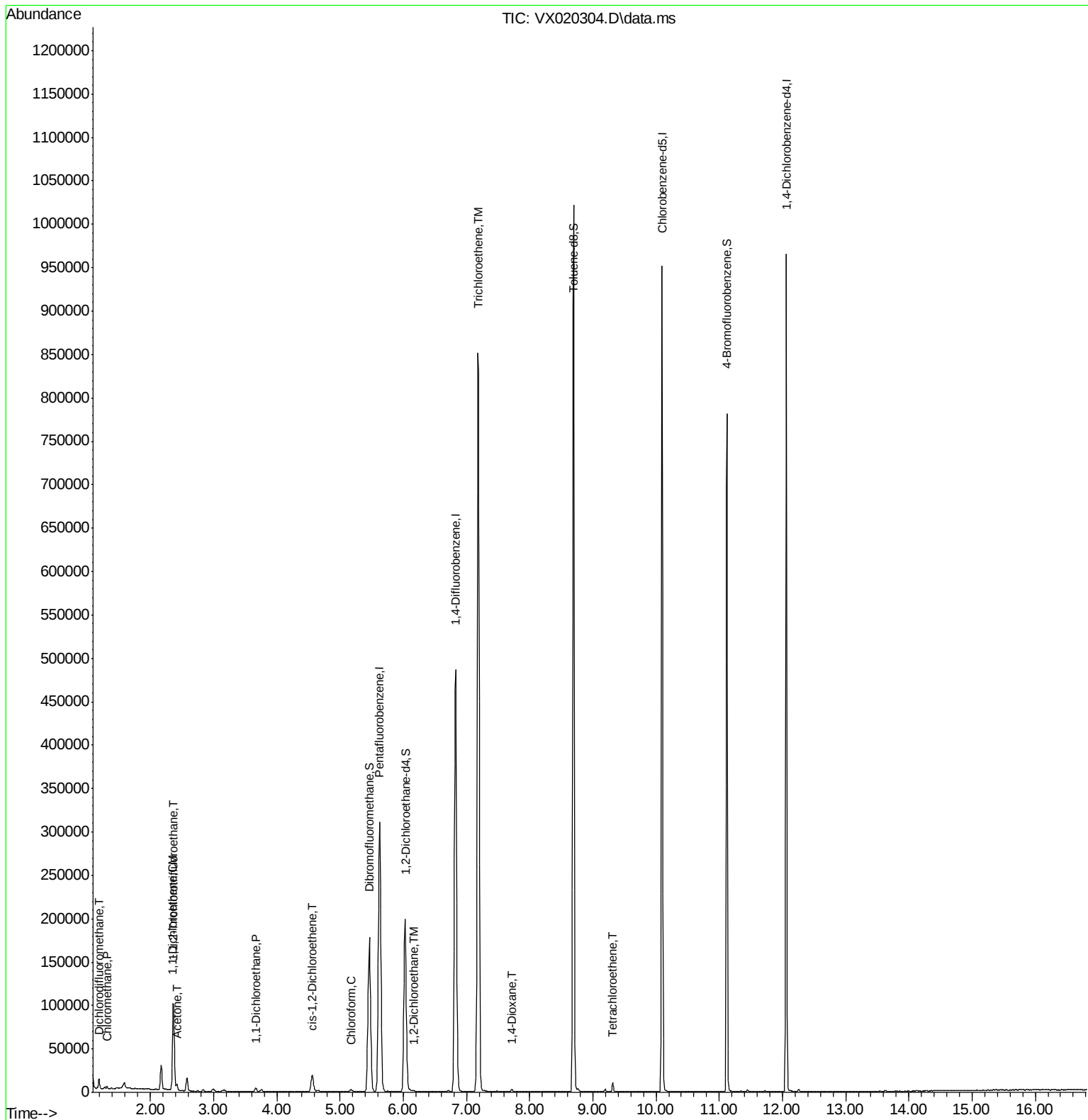
Internal Standards						
1) Pentafluorobenzene	5.629	168	300925	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	496012	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	458821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	195360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	190116	47.13	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	94.26%	
35) Dibromofluoromethane	5.464	113	154520	48.70	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	97.40%	
50) Toluene-d8	8.695	98	597052	48.88	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	97.76%	
62) 4-Bromofluorobenzene	11.122	95	212558	45.47	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	90.94%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	4254	1.30	ug/l	98
3) Chloromethane	1.312	50	1458	0.38	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.367	101	35054	11.67	ug/l	98
12) 1,1-Dichloroethene	2.355	96	7081	2.30	ug/l	93
16) Acetone	2.416	43	6409	3.48	ug/l	89
24) 1,1-Dichloroethane	3.666	63	4775	0.73	ug/l	98
27) cis-1,2-Dichloroethene	4.556	96	12277	2.92	ug/l	93
30) Chloroform	5.178	83	2664	0.40	ug/l	97
42) 1,2-Dichloroethane	6.165	62	1460	0.28	ug/l	85
44) Trichloroethene	7.183	130	332502	84.29	ug/l	98
49) 1,4-Dioxane	7.714	88	1828	19.81	ug/l #	88
64) Tetrachloroethene	9.317	164	2080	0.60	ug/l	90

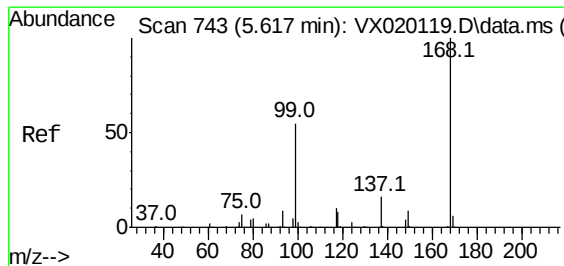
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

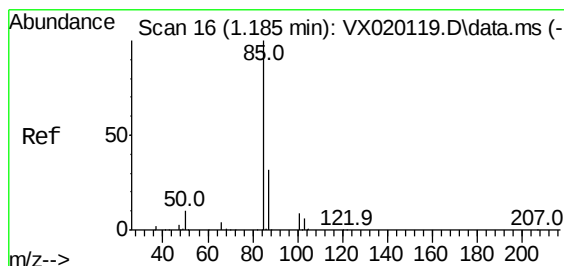
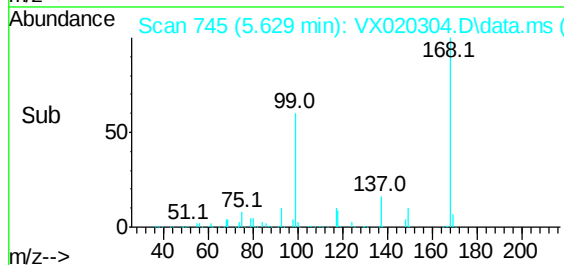
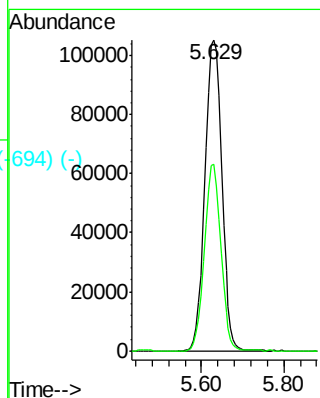
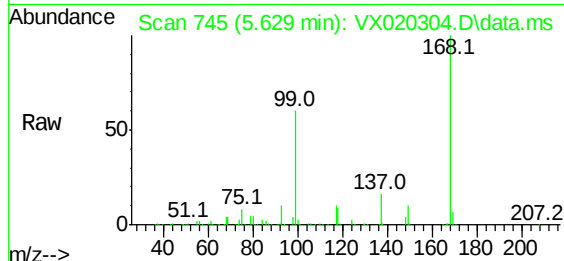




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020304.D
Acq: 22 Dec 2020 15:29

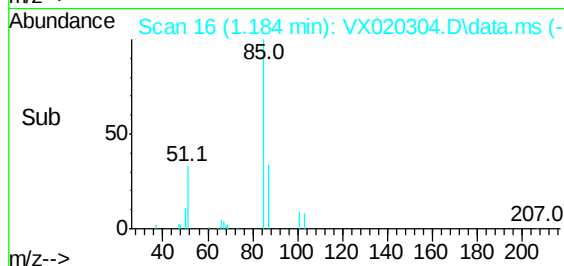
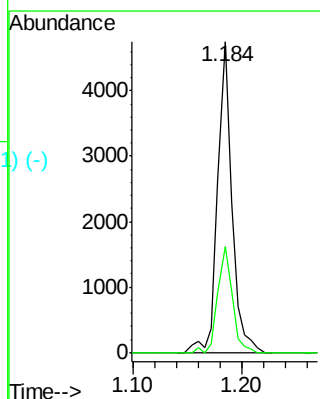
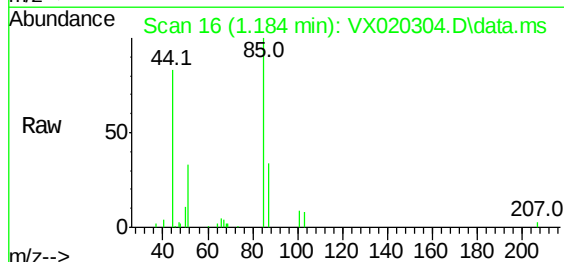
Instrument :
MSVOA_X
ClientSampleId :
TT101D-20201211

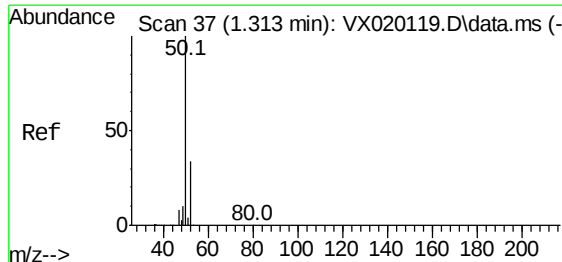
Tgt Ion:168 Resp: 300925
Ion Ratio Lower Upper
168 100
99 60.0 45.8 68.6



Dichlorodifluoromethane
Concen: 1.30 ug/l
RT: 1.184 min Scan# 16
Delta R.T. -0.001 min
Lab File: VX020304.D
Acq: 22 Dec 2020 15:29

Tgt Ion: 85 Resp: 4254
Ion Ratio Lower Upper
85 100
87 34.0 16.4 49.2

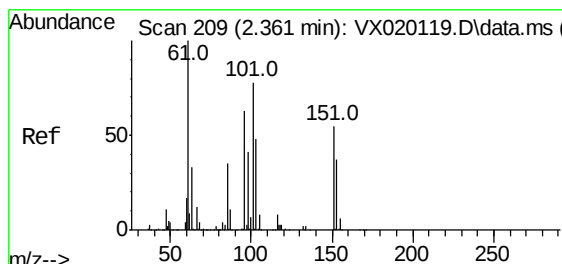
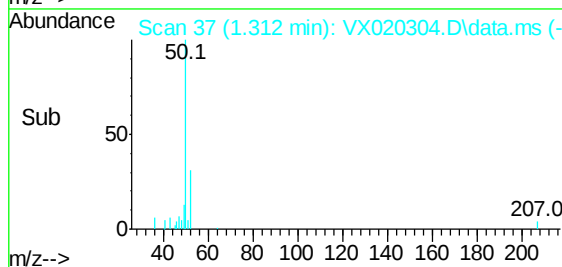
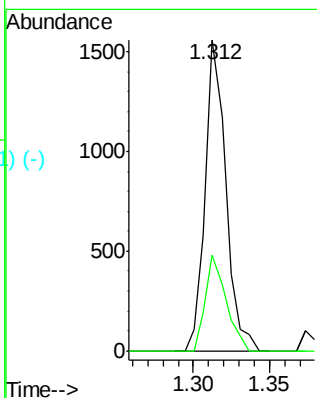
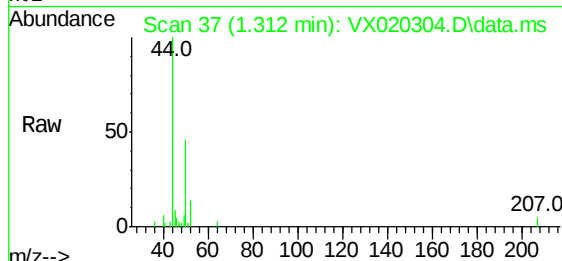




Chloromethane
 Concen: 0.38 ug/l
 RT: 1.312 min Scan# 37
 Delta R.T. -0.001 min
 Lab File: VX020304.D
 Acq: 22 Dec 2020 15:29

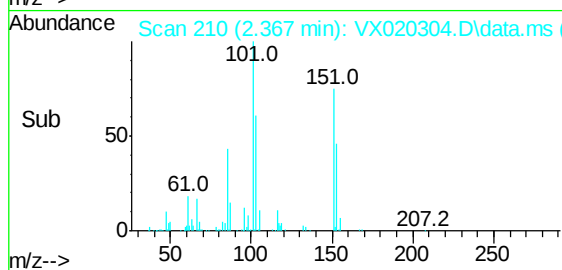
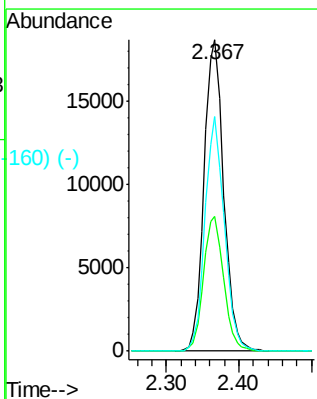
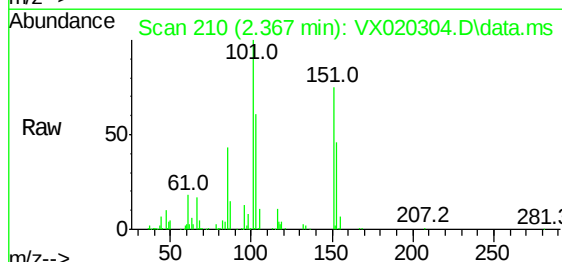
Instrument :
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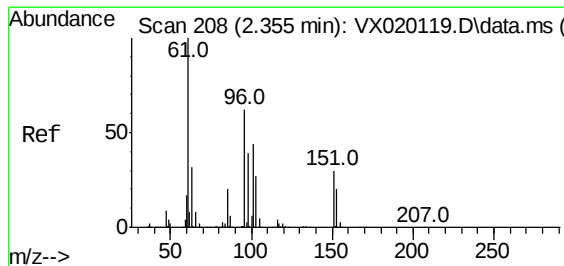
Tgt Ion:	50	Resp:	1458
Ion Ratio	Lower	Upper	
50	100		
52	30.6	26.4	39.6



1,1,2-Trichlorotrifluoroethane
 Concen: 11.67 ug/l
 RT: 2.367 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VX020304.D
 Acq: 22 Dec 2020 15:29

Tgt Ion:	101	Resp:	35054
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.9	52.3
151	73.9	61.4	92.2



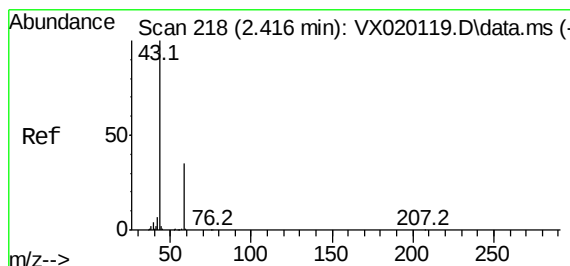
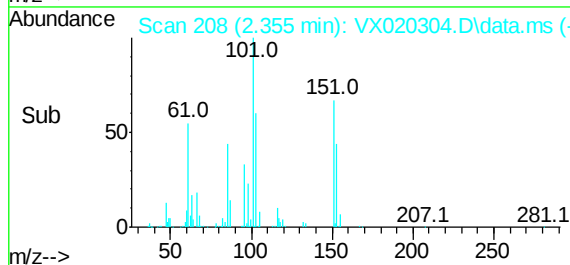
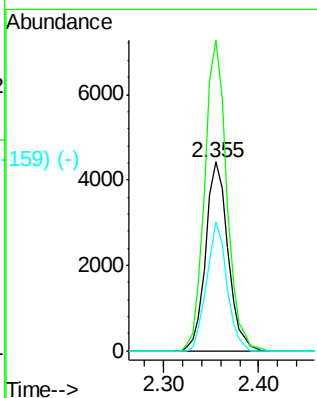
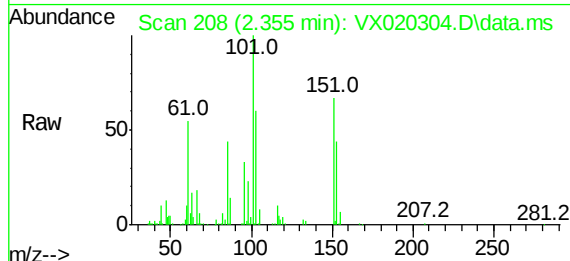


1,1-Dichloroethene
Concen: 2.30 ug/l
RT: 2.355 min Scan# 208
Delta R.T. -0.000 min
Lab File: VX020304.D
Acq: 22 Dec 2020 15:29

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20201211

Tgt Ion: 96 Resp: 7081

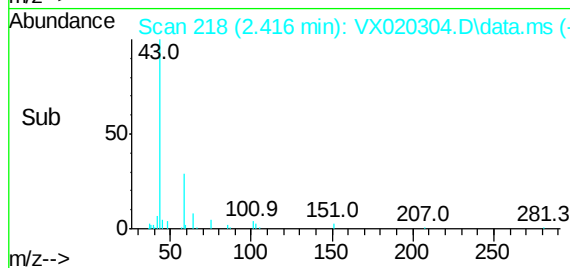
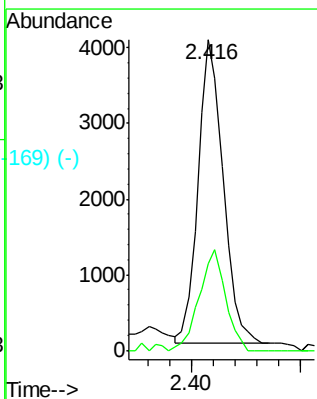
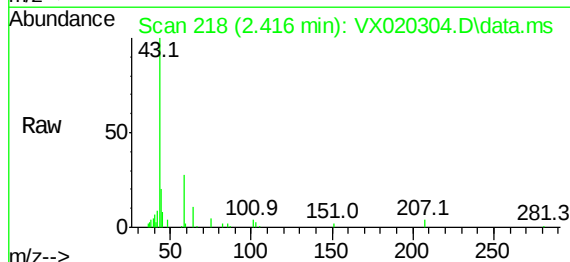
Ion	Ratio	Lower	Upper
96	100		
61	164.7	124.6	187.0
98	68.2	50.6	76.0

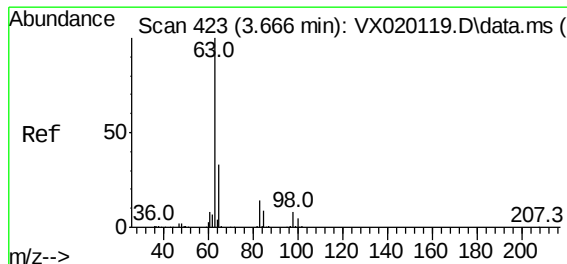


Acetone
Concen: 3.48 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX020304.D
Acq: 22 Dec 2020 15:29

Tgt Ion: 43 Resp: 6409

Ion	Ratio	Lower	Upper
43	100		
58	28.7	27.8	41.8

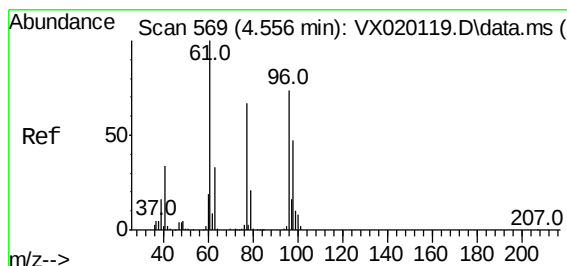
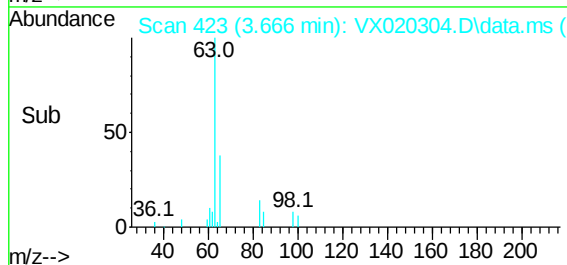
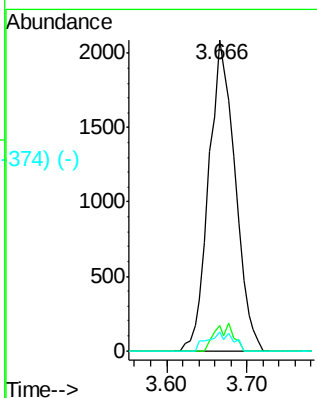
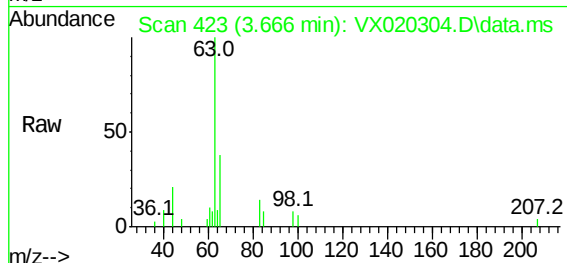




1,1-Dichloroethane
 Concen: 0.73 ug/l
 RT: 3.666 min Scan# 423
 Delta R.T. -0.000 min
 Lab File: VX020304.D
 Acq: 22 Dec 2020 15:29

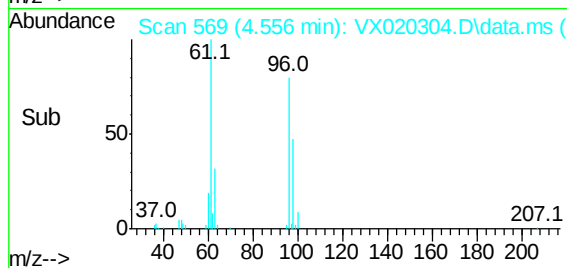
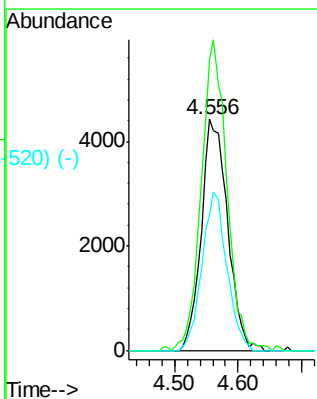
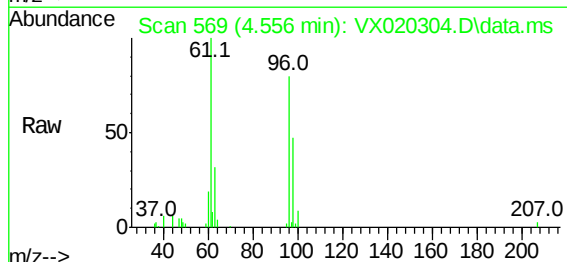
Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D-20201211

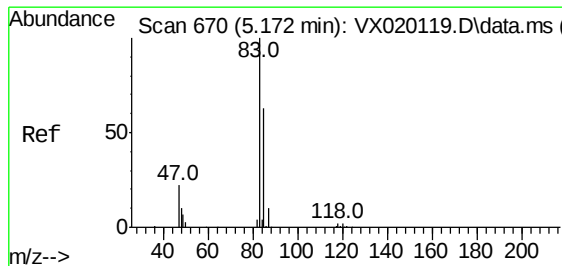
Tgt Ion:	63	Resp:	4775
Ion	Ratio	Lower	Upper
63	100		
98	8.2	3.8	11.2
100	5.9	2.5	7.5



cis-1,2-Dichloroethene
 Concen: 2.92 ug/l
 RT: 4.556 min Scan# 569
 Delta R.T. -0.000 min
 Lab File: VX020304.D
 Acq: 22 Dec 2020 15:29

Tgt Ion:	96	Resp:	12277
Ion	Ratio	Lower	Upper
96	100		
61	131.2	0.0	285.6
98	64.3	0.0	129.6





Chloroform

Concen: 0.40 ug/l

RT: 5.178 min Scan# 671

Delta R.T. 0.006 min

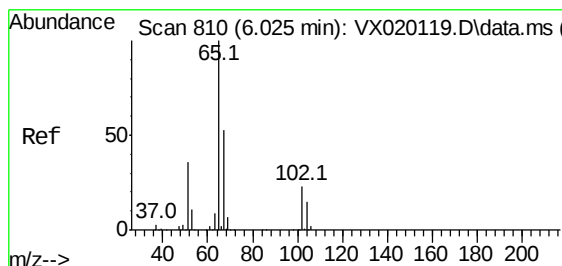
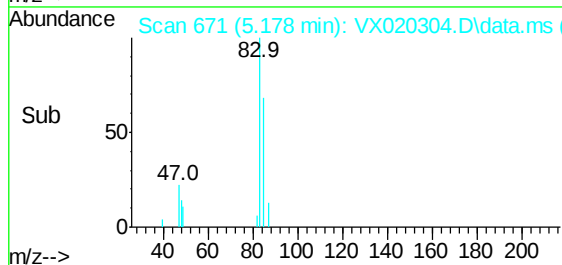
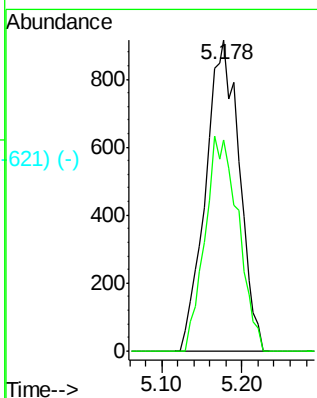
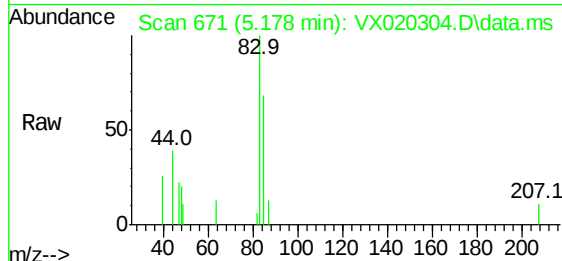
Lab File: VX020304.D

Acq: 22 Dec 2020 15:29

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20201211

Tgt Ion: 83 Resp: 2664

Ion	Ratio	Lower	Upper
83	100		
85	67.8	52.0	78.0



1,2-Dichloroethane-d4

Concen: 47.13 ug/l

RT: 6.031 min Scan# 811

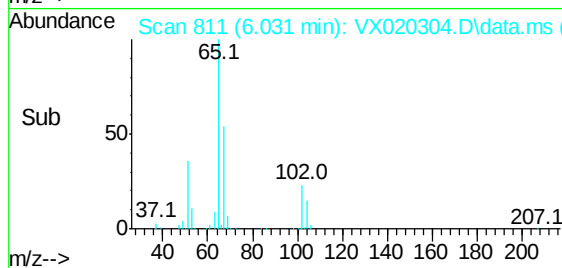
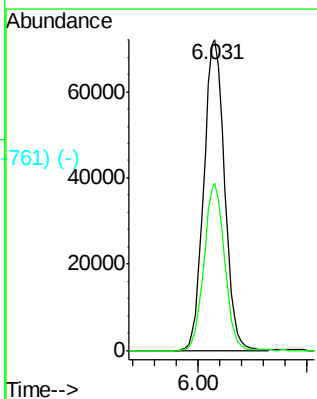
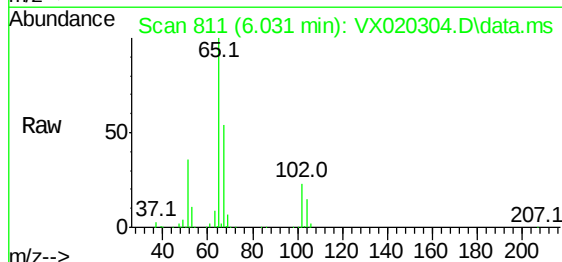
Delta R.T. 0.006 min

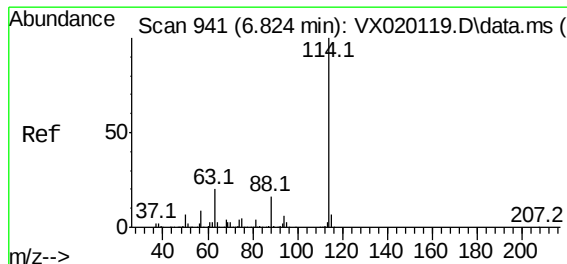
Lab File: VX020304.D

Acq: 22 Dec 2020 15:29

Tgt Ion: 65 Resp: 190116

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.4

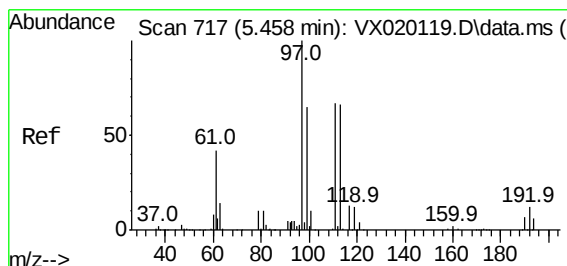
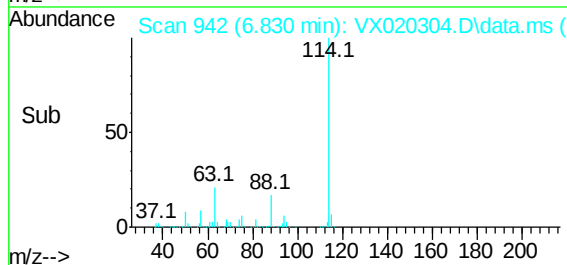
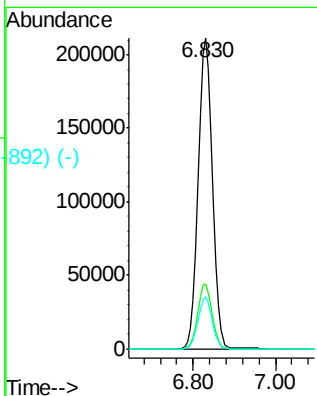
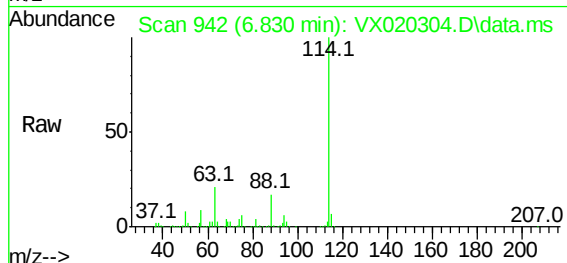




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020304.D
Acq: 22 Dec 2020 15:29

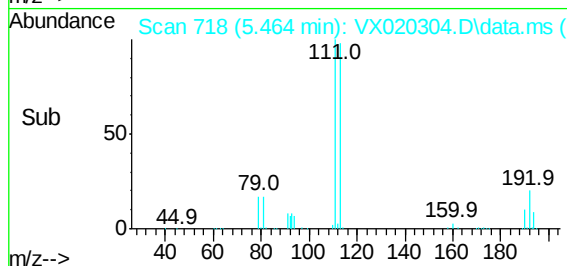
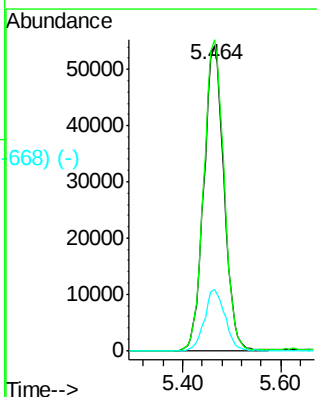
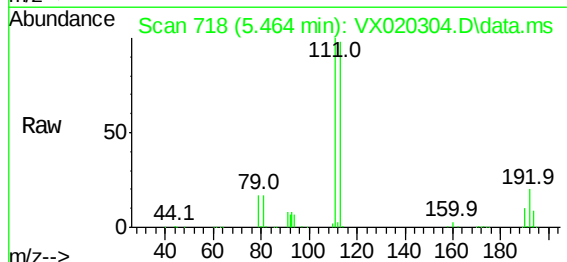
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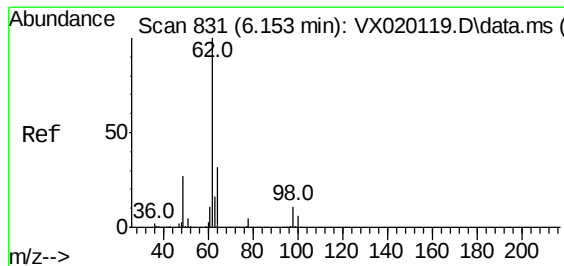
Tgt Ion:114 Resp: 496012
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.8 0.0 32.8



Dibromofluoromethane
Concen: 48.70 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020304.D
Acq: 22 Dec 2020 15:29

Tgt Ion:113 Resp: 154520
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 20.1 16.7 25.1

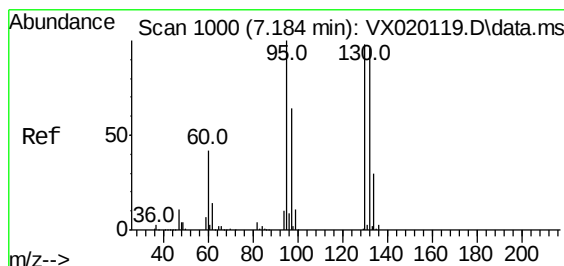
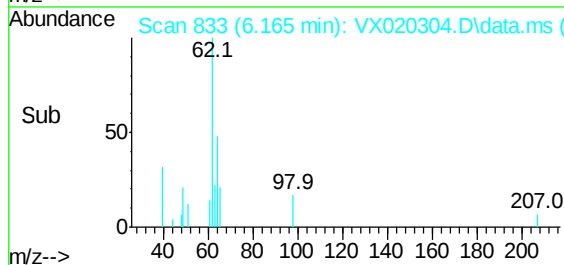
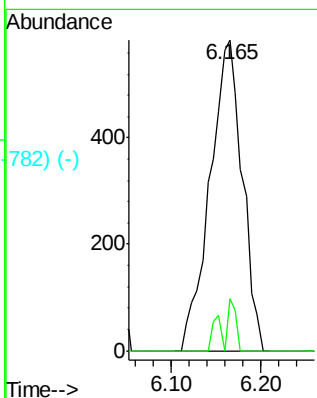
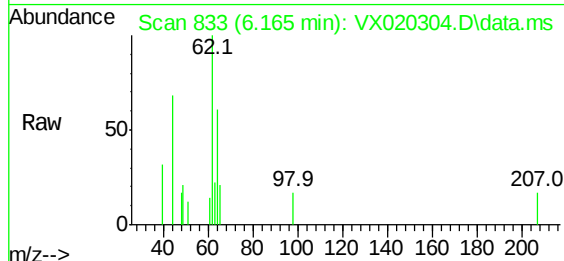




#42 (-)
1,2-Dichloroethane
Concen: 0.28 ug/l
RT: 6.165 min Scan# 833
Delta R.T. 0.012 min
Lab File: VX020304.D
Acq: 22 Dec 2020 15:29

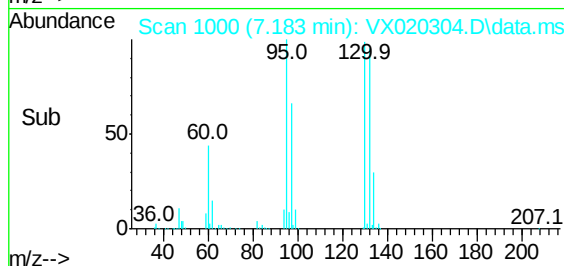
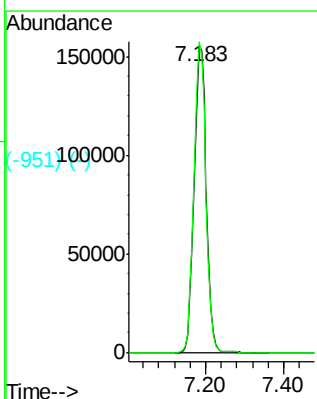
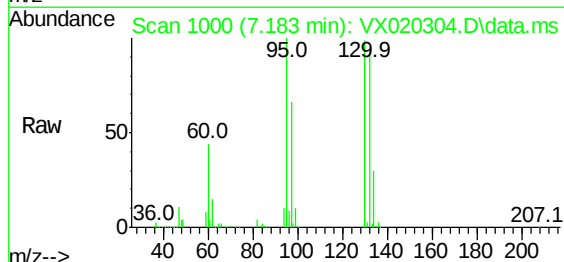
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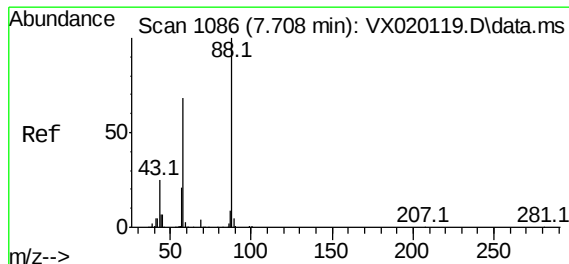
Tgt Ion: 62 Resp: 1460
Ion Ratio Lower Upper
62 100
98 4.4 0.0 20.2



#44 (-)
Trichloroethene
Concen: 84.29 ug/l
RT: 7.183 min Scan# 1000
Delta R.T. -0.001 min
Lab File: VX020304.D
Acq: 22 Dec 2020 15:29

Tgt Ion:130 Resp: 332502
Ion Ratio Lower Upper
130 100
95 101.2 0.0 198.0

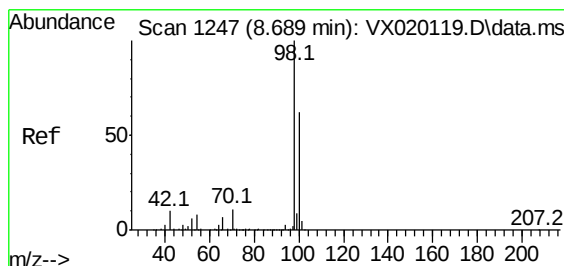
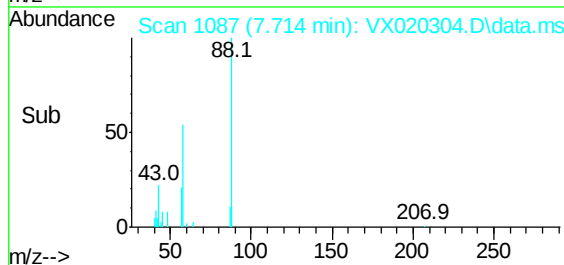
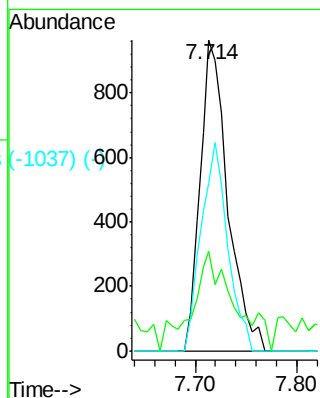
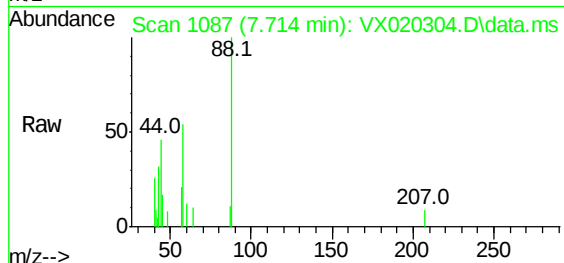




(-1079) (-)
 1,4-Dioxane
 Concen: 19.81 ug/l
 RT: 7.714 min Scan# 1087
 Delta R.T. 0.006 min
 Lab File: VX020304.D
 Acq: 22 Dec 2020 15:29

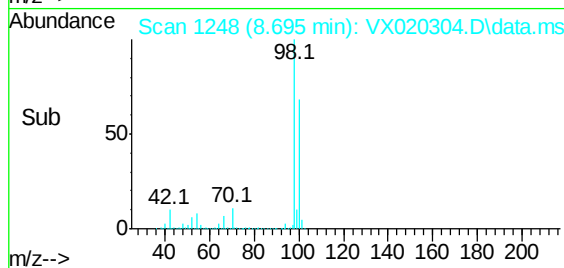
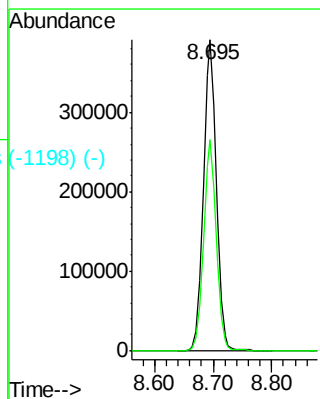
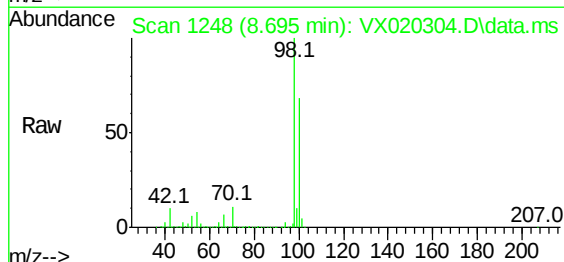
Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D-20201211

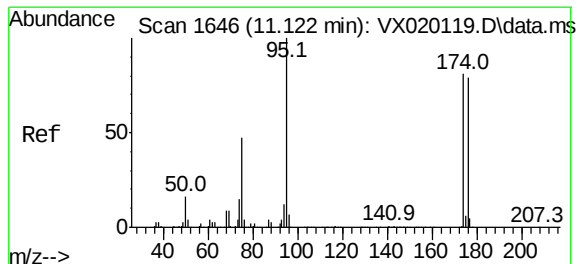
Tgt Ion: 88 Resp: 1828
 Ion Ratio Lower Upper
 88 100
 43 44.1 23.2 34.8#
 58 64.3 55.0 82.4



(-1299) (-)
 Toluene-d8
 Concen: 48.88 ug/l
 RT: 8.695 min Scan# 1248
 Delta R.T. 0.006 min
 Lab File: VX020304.D
 Acq: 22 Dec 2020 15:29

Tgt Ion: 98 Resp: 597052
 Ion Ratio Lower Upper
 98 100
 100 66.7 51.9 77.9

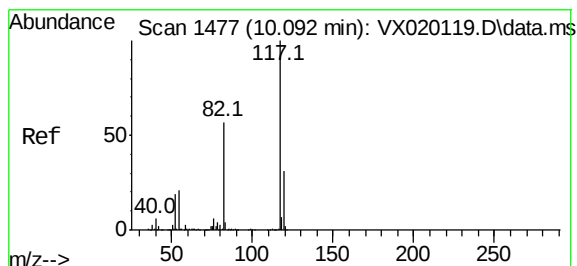
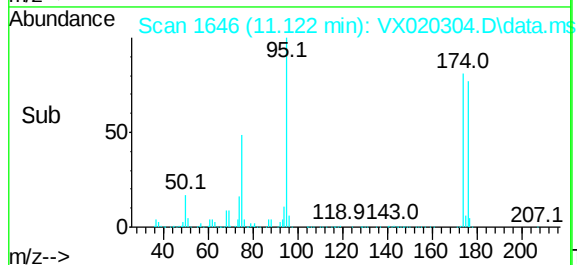
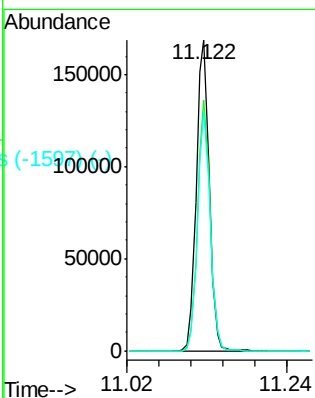
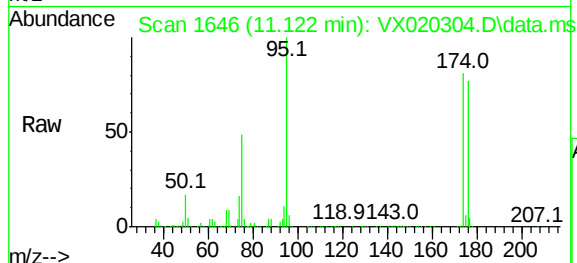




Scan 1646 (11.122 min): VX020119.D\data.ms (#639) (-)
 4-Bromofluorobenzene
 Concen: 45.47 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: VX020304.D
 Acq: 22 Dec 2020 15:29

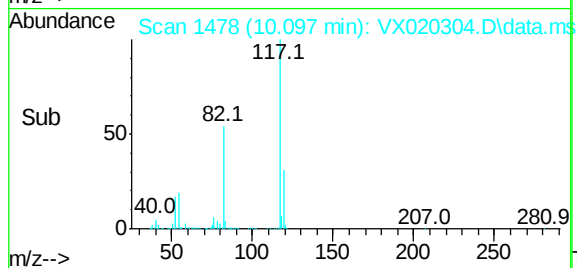
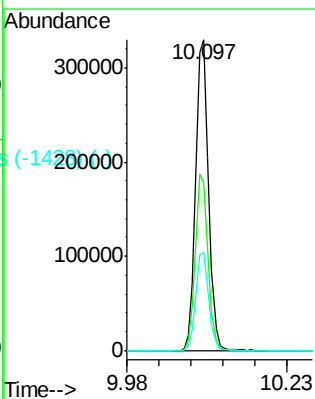
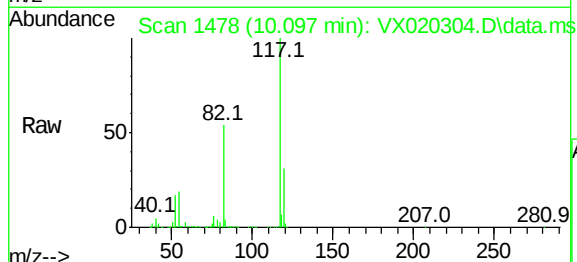
Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D-20201211

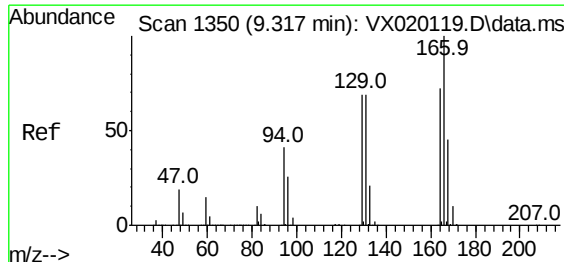
Tgt Ion:	95	Resp:	212558
Ion Ratio	Lower	Upper	
95	100		
174	78.9	0.0	154.6
176	75.0	0.0	155.8



Scan 1478 (10.097 min): VX020119.D\data.ms (#640) (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.097 min Scan# 1478
 Delta R.T. 0.005 min
 Lab File: VX020304.D
 Acq: 22 Dec 2020 15:29

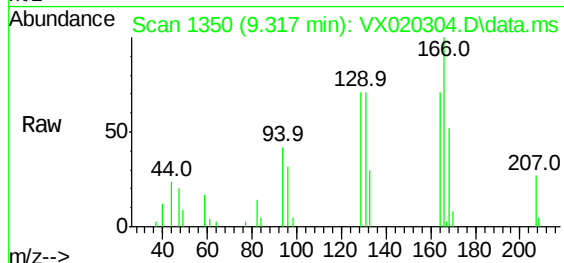
Tgt Ion:	117	Resp:	458821
Ion Ratio	Lower	Upper	
117	100		
82	54.0	47.4	71.2
119	31.4	26.6	39.8



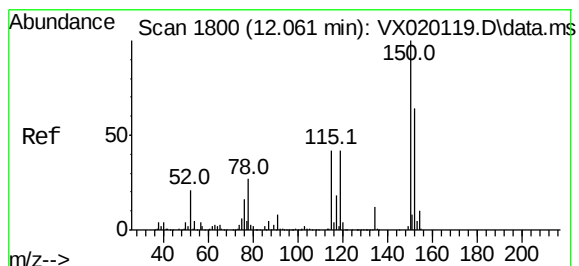
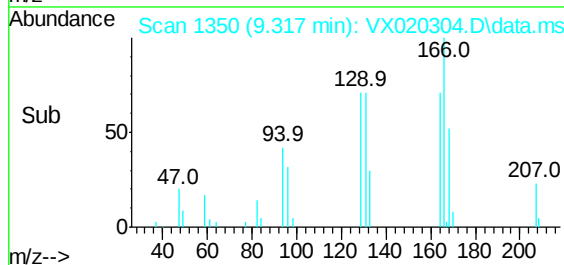
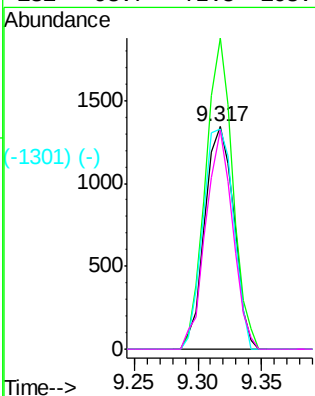


#1642 (-)
Tetrachloroethene
Concen: 0.60 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020304.D
Acq: 22 Dec 2020 15:29

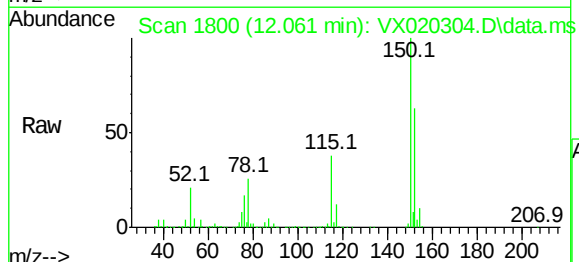
Instrument :
MSVOA_X
ClientSampleId :
TT101D-20201211



Tgt Ion:	164	Resp:	2080
Ion Ratio	Lower	Upper	
164	100		
166	140.0	103.4	155.2
129	99.0	70.8	106.2
131	98.7	72.5	108.7



#1724 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020304.D
Acq: 22 Dec 2020 15:29



Tgt Ion:	152	Resp:	195360
Ion Ratio	Lower	Upper	
152	100		
115	60.1	41.1	123.3
150	158.4	0.0	349.0

