

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092419\
 Data File : VX012627.D
 Acq On : 24 Sep 2019 12:59
 Operator : JC/SP
 Sample : K5013-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-TB-2019-5

Quant Time: Sep 25 04:35:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	159143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	276840	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	90107	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	115281	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	5.49	113	83745	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	8.71	98	321490	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	11.14	95	112221	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	

Target Compounds

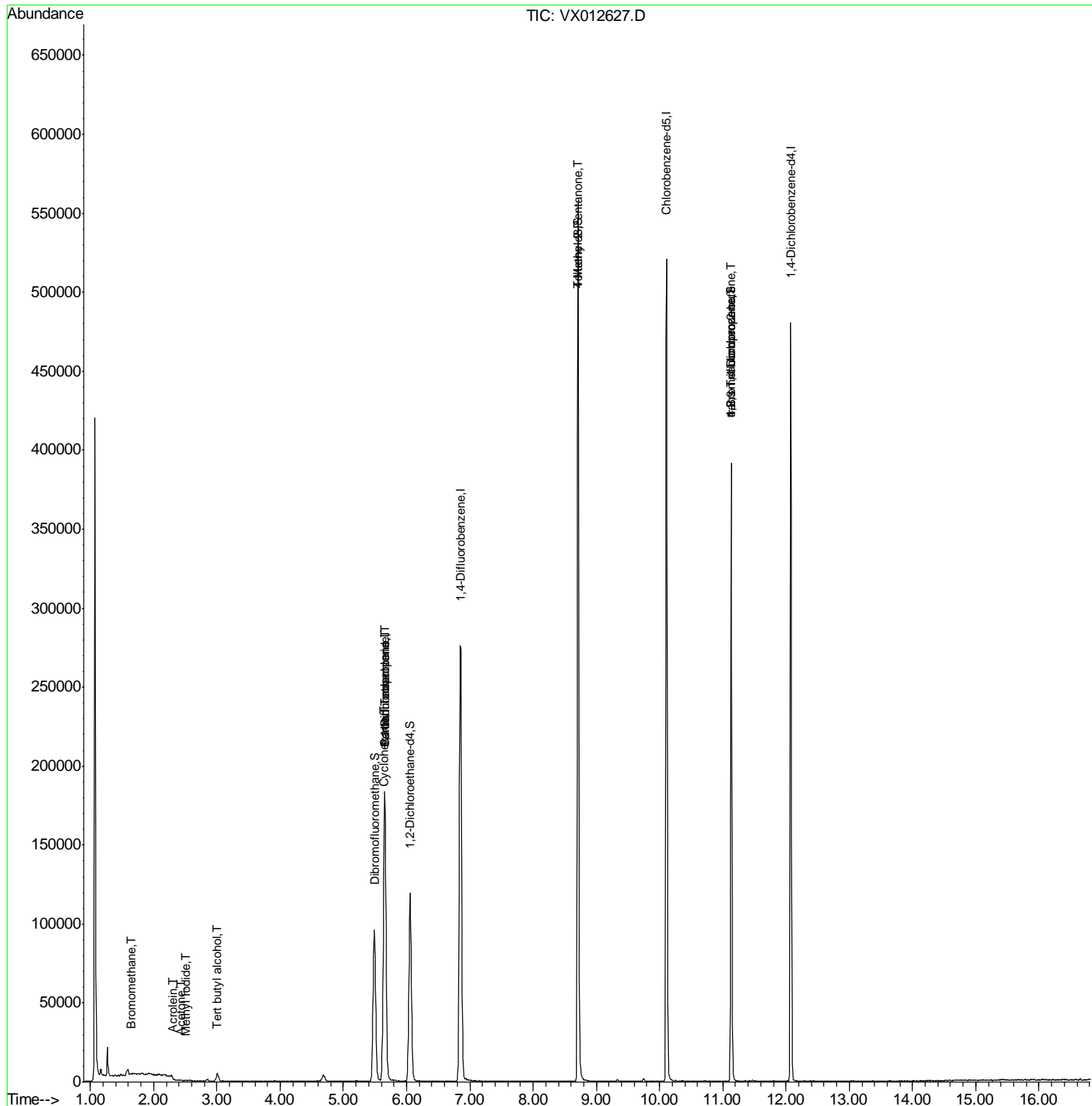
						Qvalue
5) Bromomethane	1.64	94	477	0.594	ug/l #	55
10) Methyl Iodide	2.51	142	284	5.092	ug/l #	65
11) Tert butyl alcohol	3.00	59	3353	5.792	ug/l #	74
13) Acrolein	2.30	56	54	10.393	ug/l #	77
16) Acetone	2.43	43	494	0.402	ug/l #	46
31) Cyclohexane	5.64	56	4014	1.244	ug/l #	31
36) 1,1-Dichloropropene	5.65	75	14001	5.247	ug/l #	52
38) Carbon Tetrachloride	5.65	117	17647	6.510	ug/l #	17
51) 4-Methyl-2-Pentanone	8.71	43	1758	0.546	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	58574	24.574	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	58574	70.424	ug/l #	8

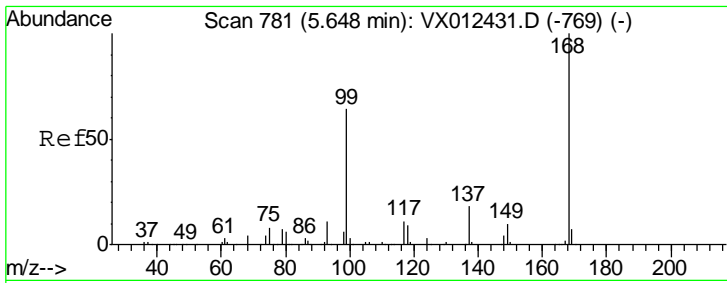
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 25 04:35:18 2019
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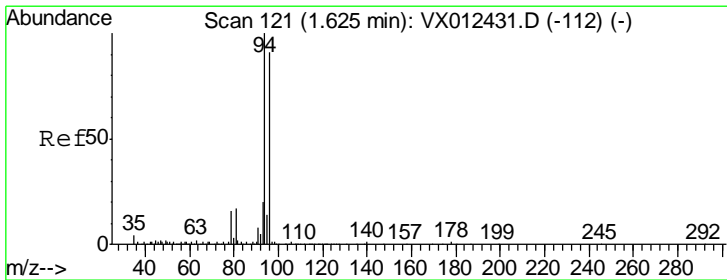
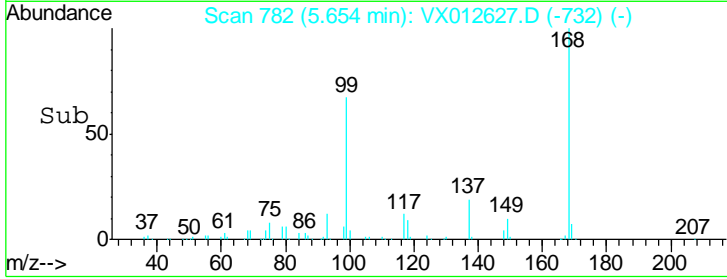
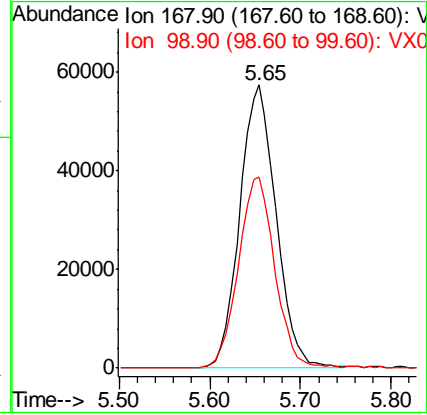
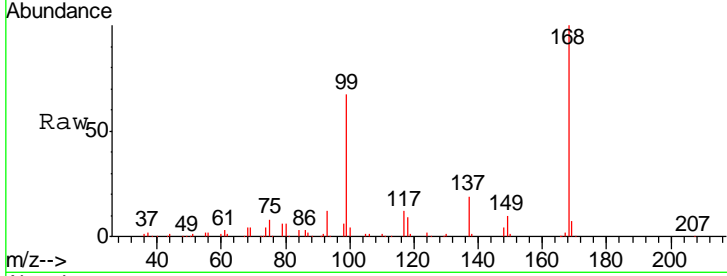




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX012627.D
 Acq: 24 Sep 2019 12:59

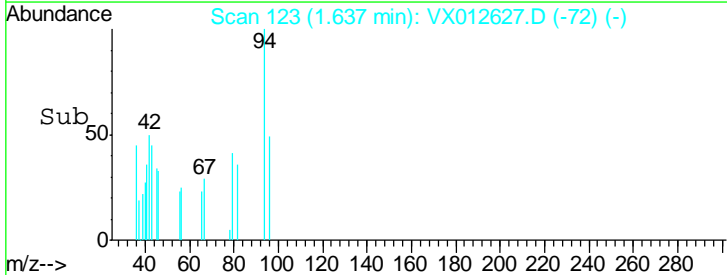
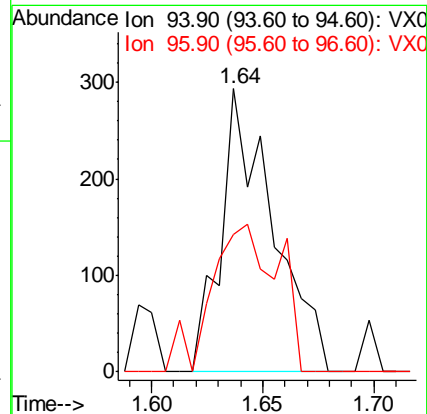
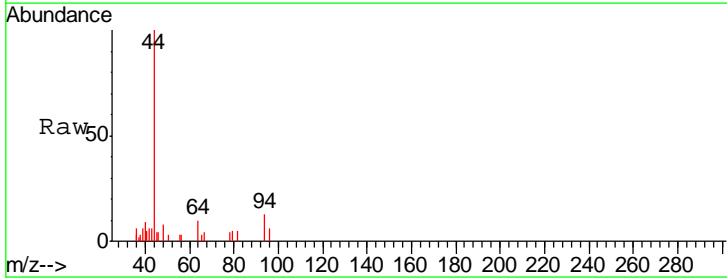
Instrument :
 MSVOA_X
 ClientSampled :
 S49-TB-2019-5

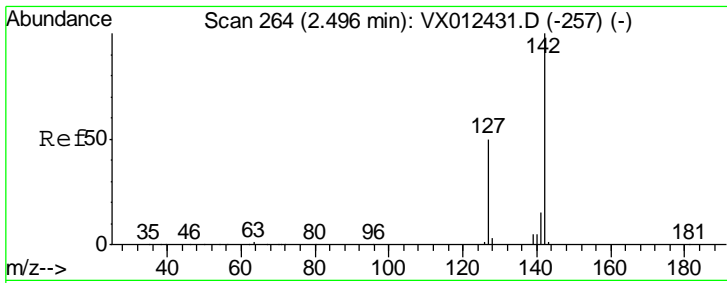
Tgt Ion: 168 Resp: 159143
 Ion Ratio Lower Upper
 168 100
 99 67.3 51.4 77.2



#5
 Bromomethane
 Concen: 0.594 ug/l
 RT: 1.64 min Scan# 123
 Delta R.T. 0.01 min
 Lab File: VX012627.D
 Acq: 24 Sep 2019 12:59

Tgt Ion: 94 Resp: 477
 Ion Ratio Lower Upper
 94 100
 96 48.8 72.8 109.2#

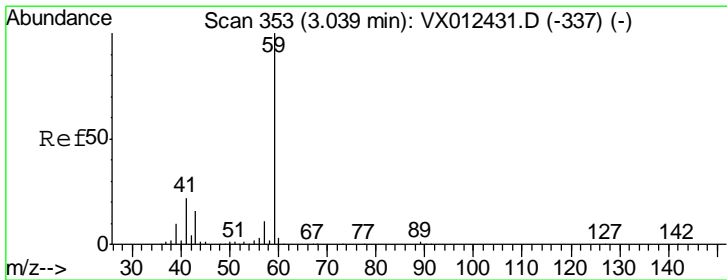
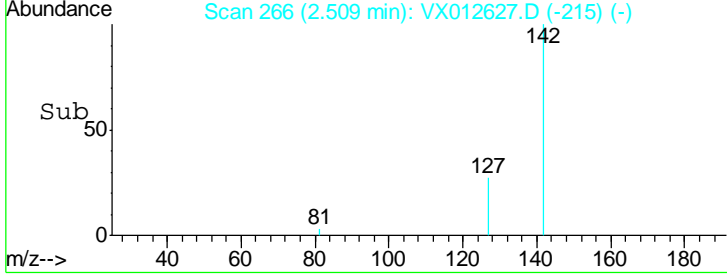
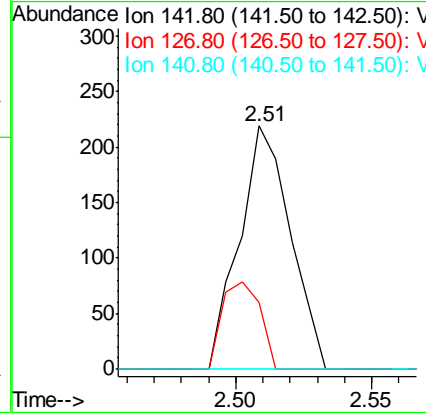
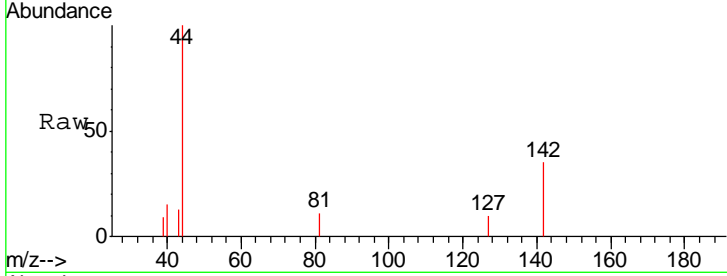




#10
 Methyl Iodide
 Concen: 5.092 ug/l
 RT: 2.51 min Scan# 266
 Delta R.T. 0.01 min
 Lab File: VX012627.D
 Acq: 24 Sep 2019 12:59

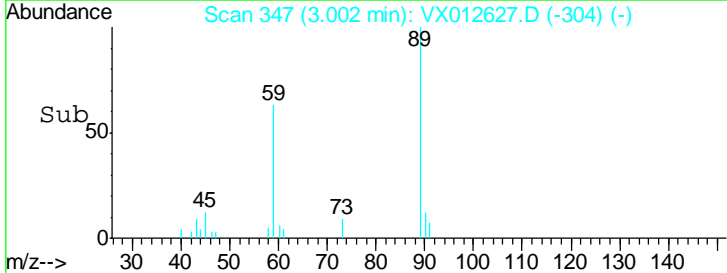
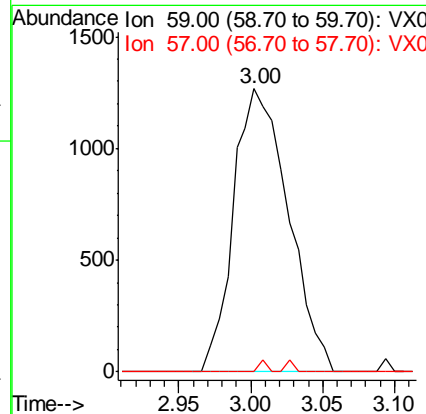
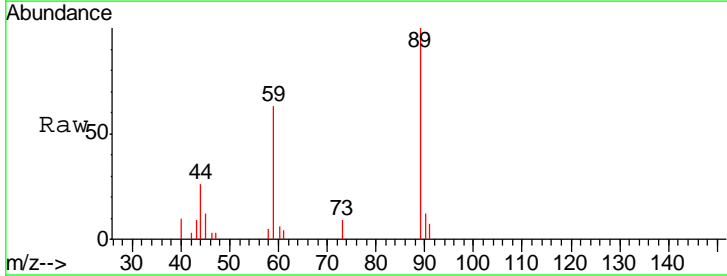
Instrument : MSVOA_X
 ClientSampled : S49-TB-2019-5

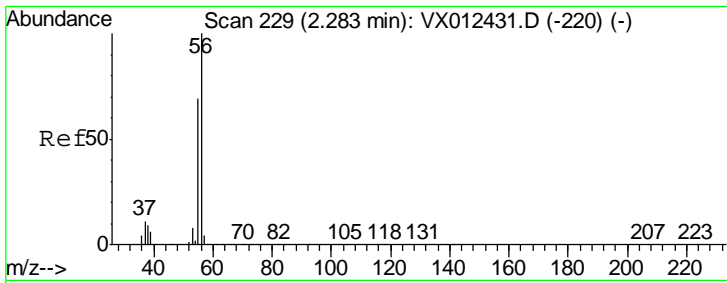
Tgt Ion	Resp	Lower	Upper
142	100		
127	26.8	40.8	61.2#
141	0.0	12.1	18.1#



#11
 Tert butyl alcohol
 Concen: 5.792 ug/l
 RT: 3.00 min Scan# 347
 Delta R.T. -0.04 min
 Lab File: VX012627.D
 Acq: 24 Sep 2019 12:59

Tgt Ion	Resp	Lower	Upper
59	100		
57	0.6	8.3	12.5#

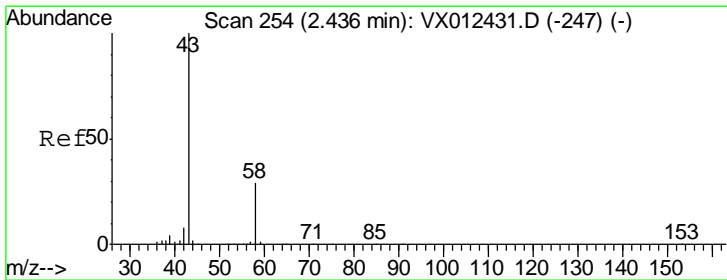
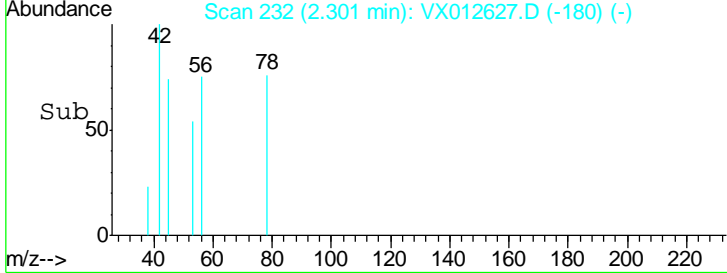
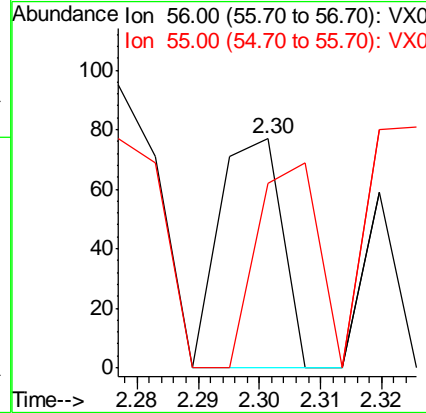
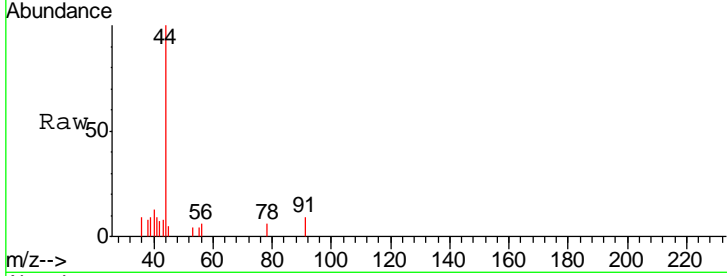




#13
 Acrolein
 Concen: 10.393 ug/l
 RT: 2.30 min Scan# 232
 Delta R.T. 0.02 min
 Lab File: VX012627.D
 Acq: 24 Sep 2019 12:59

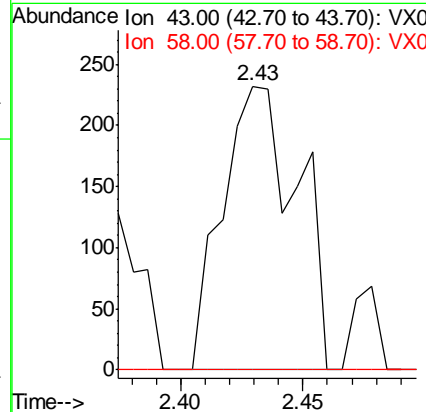
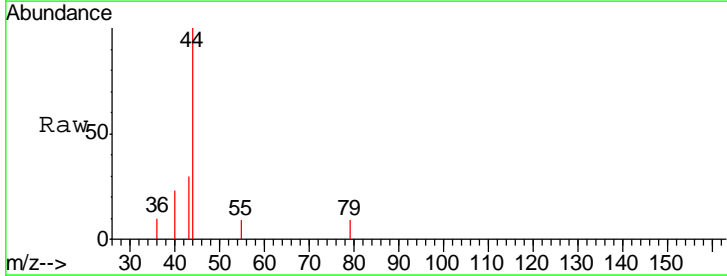
Instrument : MSVOA_X
 ClientSampled : S49-TB-2019-5

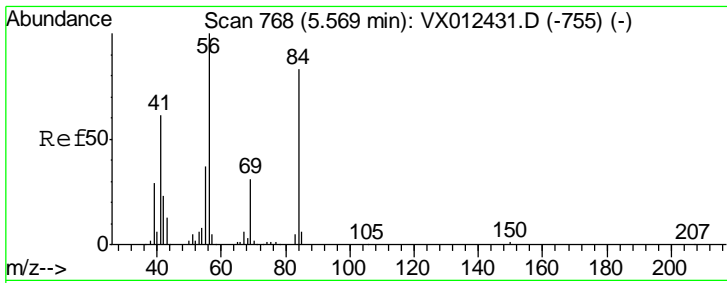
Tgt Ion	Resp	Lower	Upper
56	100		
55	88.9	55.8	83.8#



#16
 Acetone
 Concen: 0.402 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX012627.D
 Acq: 24 Sep 2019 12:59

Tgt Ion	Resp	Lower	Upper
43	100		
58	0.0	23.3	34.9#

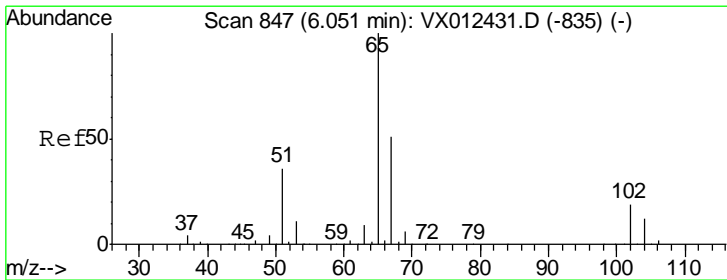
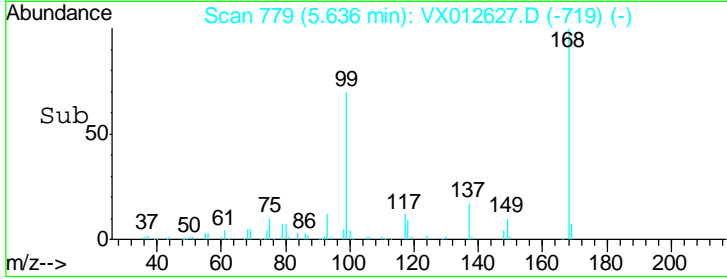
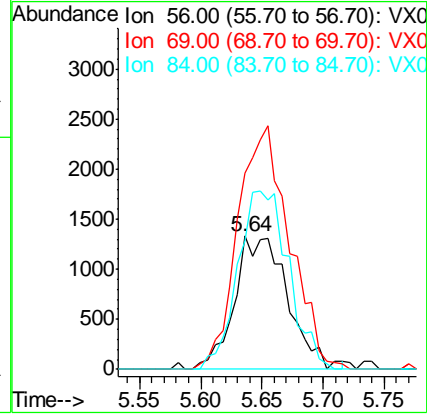
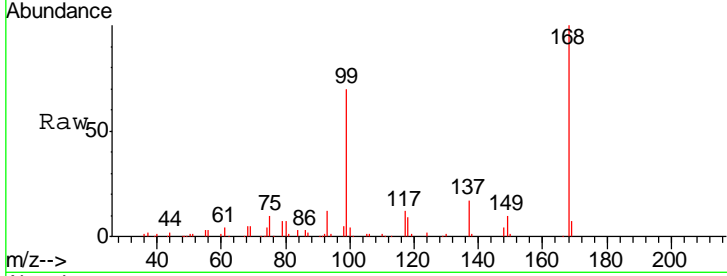




#31
 Cyclohexane
 Concen: 1.244 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.07 min
 Lab File: VX012627.D
 Acq: 24 Sep 2019 12:59

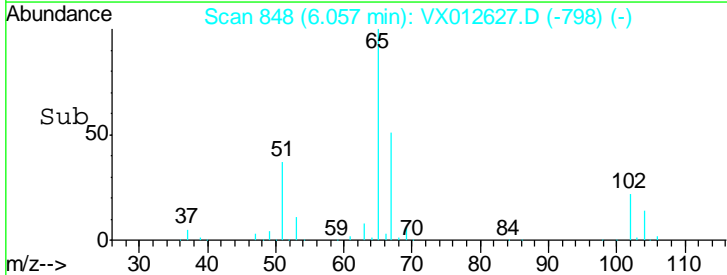
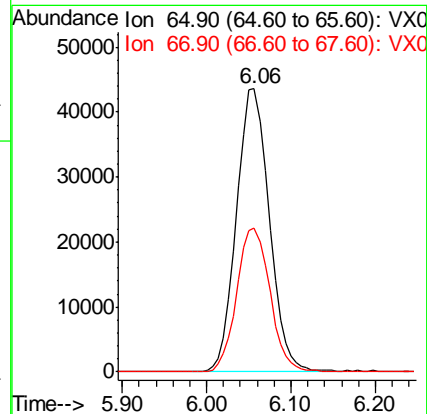
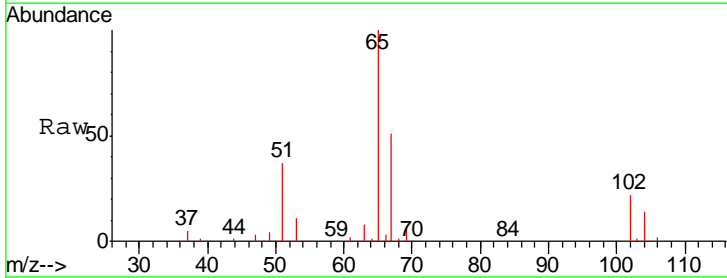
Instrument :
 MSVOA_X
 ClientSampled :
 S49-TB-2019-5

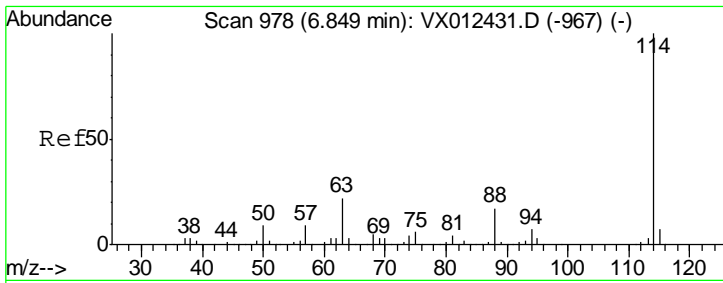
Tgt Ion	Resp	Lower	Upper
56	4014		
69	147.4	25.0	37.6#
84	96.8	66.4	99.6



#33
 1,2-Dichloroethane-d4
 Concen: 49.745 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012627.D
 Acq: 24 Sep 2019 12:59

Tgt Ion	Resp	Lower	Upper
65	115281		
67	51.5	0.0	101.2

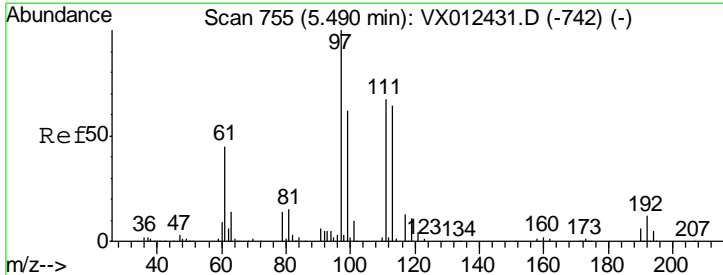
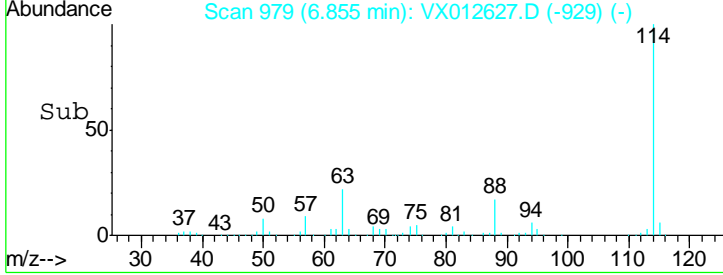
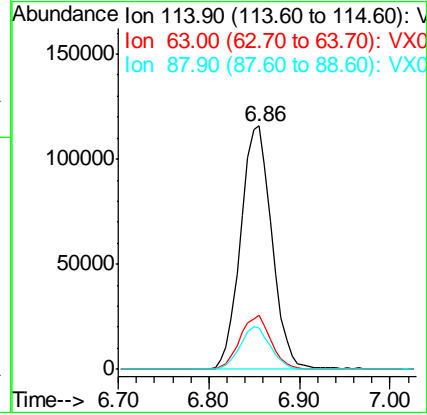
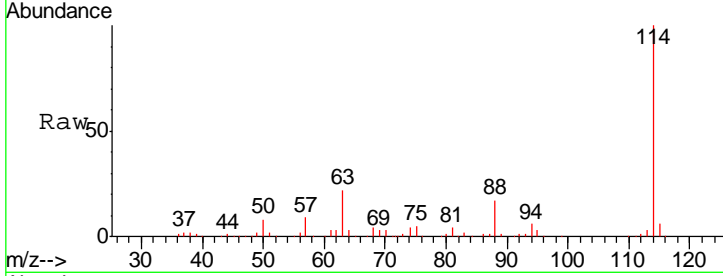




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX012627.D
 Acq: 24 Sep 2019 12:59

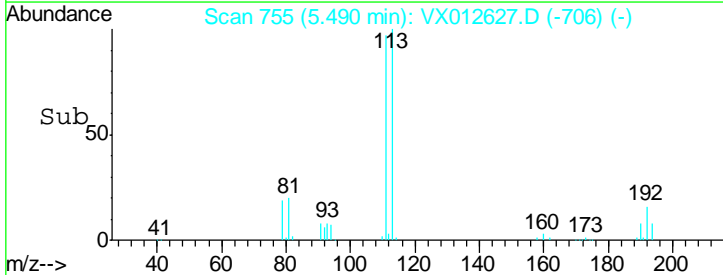
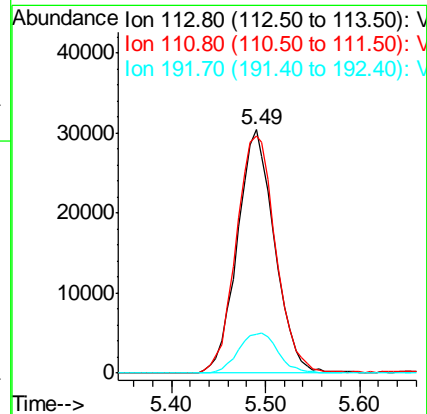
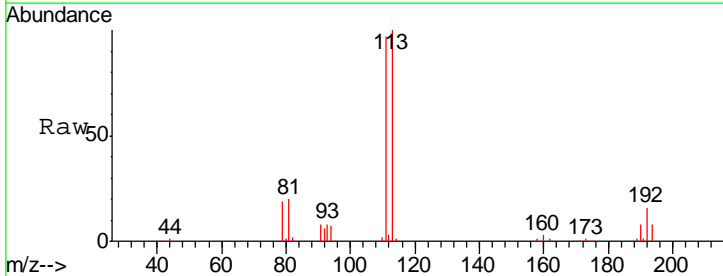
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 ClientSampled :
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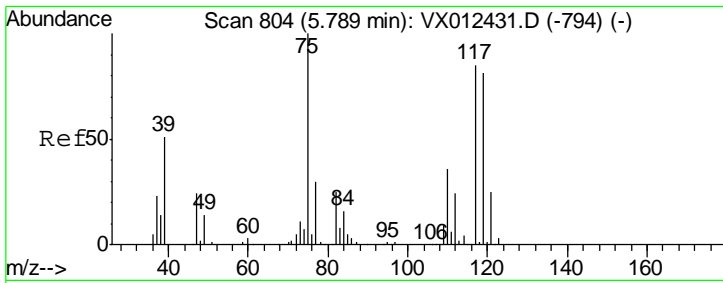
Tgt Ion	Resp	Lower	Upper
114	276840		
63	22.3	0.0	43.2
88	17.2	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 50.795 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012627.D
 Acq: 24 Sep 2019 12:59

Tgt Ion	Resp	Lower	Upper
113	83745		
111	103.5	83.4	125.2
192	17.5	14.4	21.6

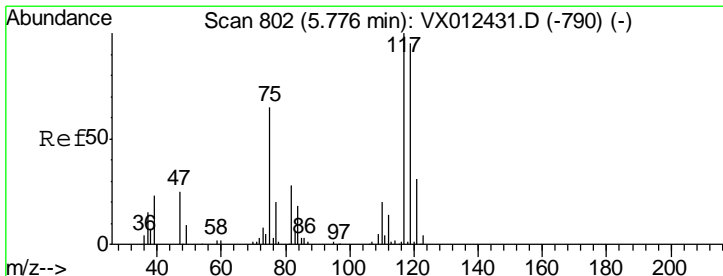
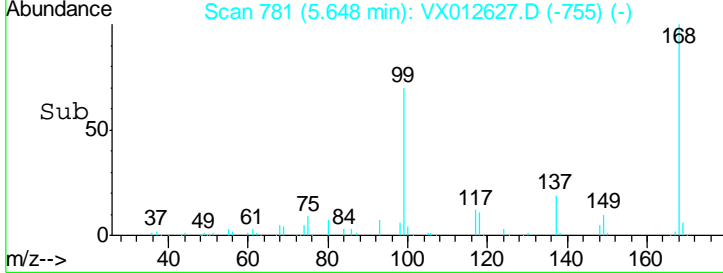
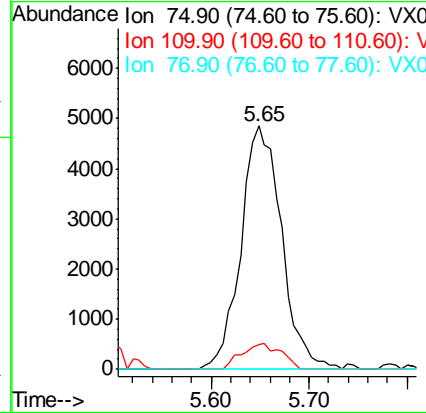
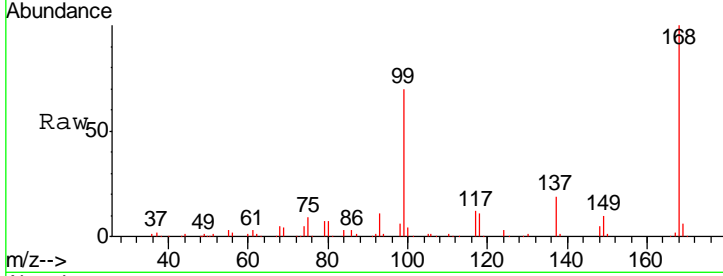




#36
 1,1-Dichloropropene
 Concen: 5.247 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012627.D
 Acq: 24 Sep 2019 12:59

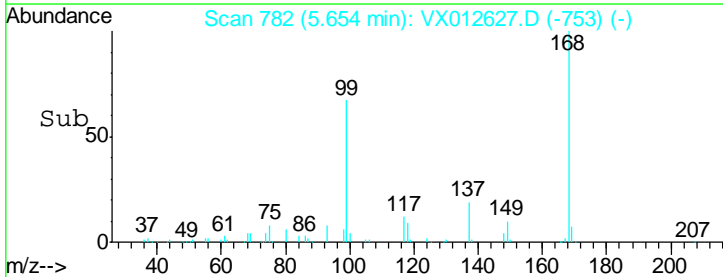
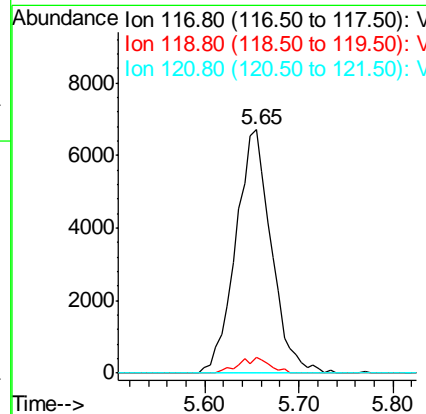
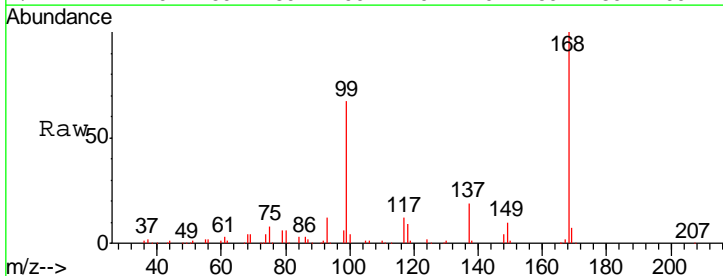
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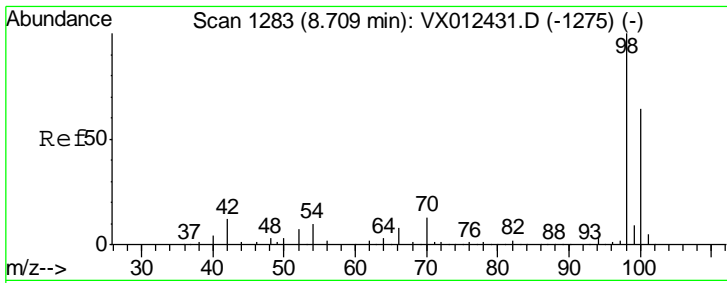
Tgt Ion	Resp	Lower	Upper
75	14001		
110	10.4	16.7	50.0#
77	0.0	24.2	36.2#



#38
 Carbon Tetrachloride
 Concen: 6.510 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX012627.D
 Acq: 24 Sep 2019 12:59

Tgt Ion	Resp	Lower	Upper
117	17647		
119	6.3	75.7	113.5#
121	0.0	24.2	36.4#

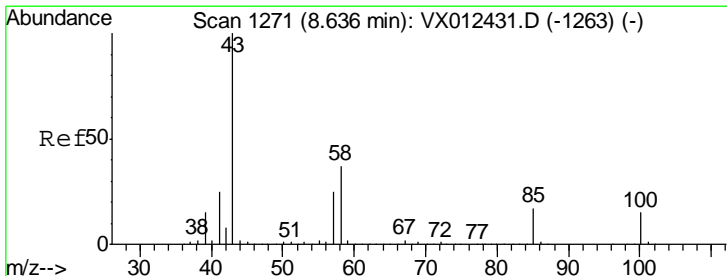
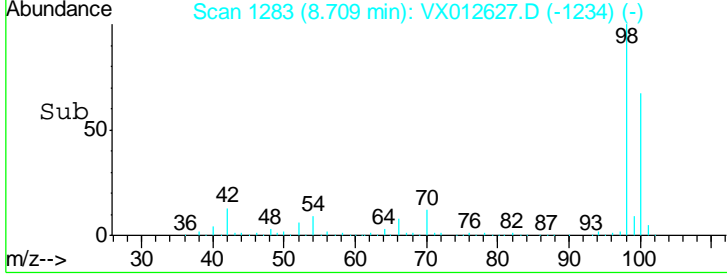
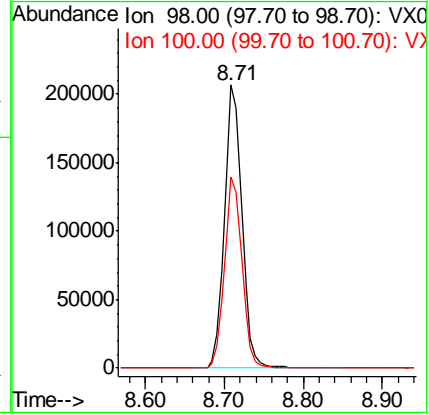
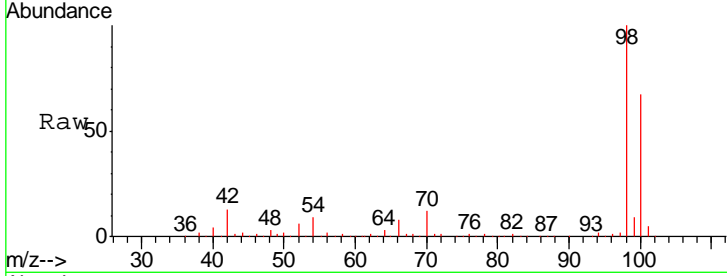




#50
 Toluene-d8
 Concen: 50.634 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012627.D
 Acq: 24 Sep 2019 12:59

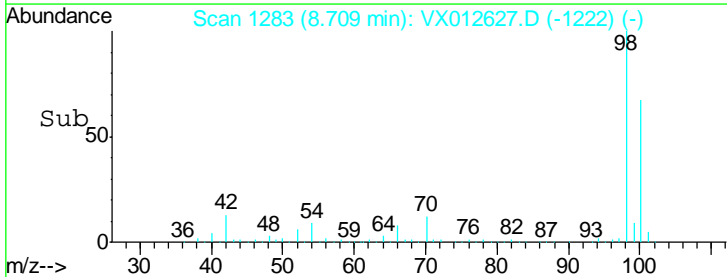
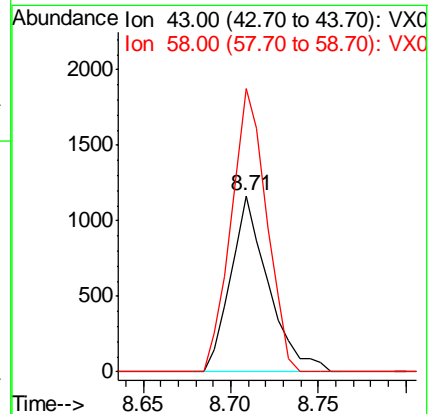
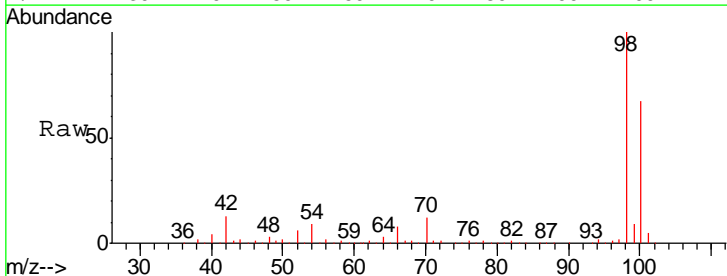
Instrument : MSVOA_X
 ClientSampled : S49-TB-2019-5

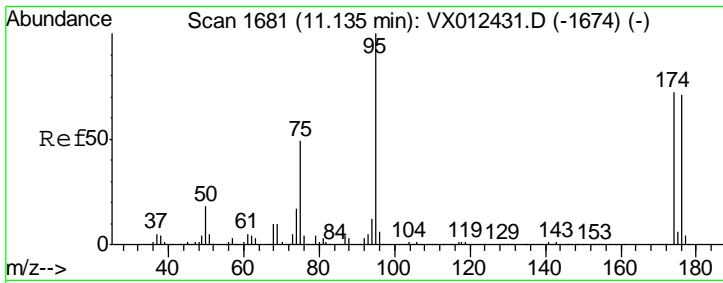
Tgt Ion: 98 Resp: 321490
 Ion Ratio Lower Upper
 98 100
 100 67.5 53.4 80.2



#51
 4-Methyl-2-Pentanone
 Concen: 0.546 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.07 min
 Lab File: VX012627.D
 Acq: 24 Sep 2019 12:59

Tgt Ion: 43 Resp: 1758
 Ion Ratio Lower Upper
 43 100
 58 150.2 29.8 44.6#

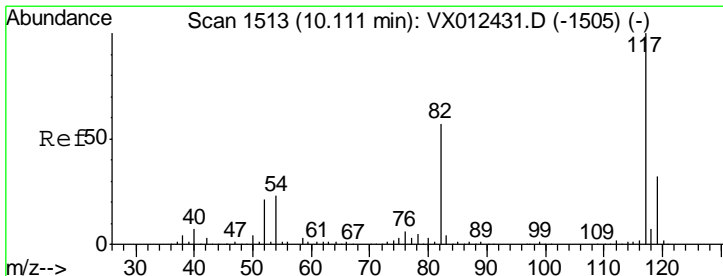
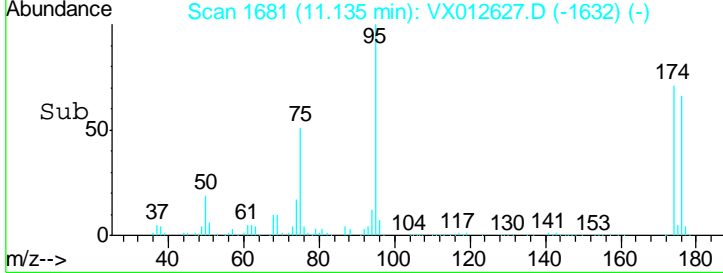
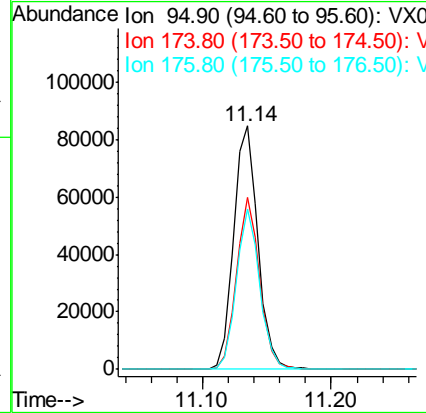
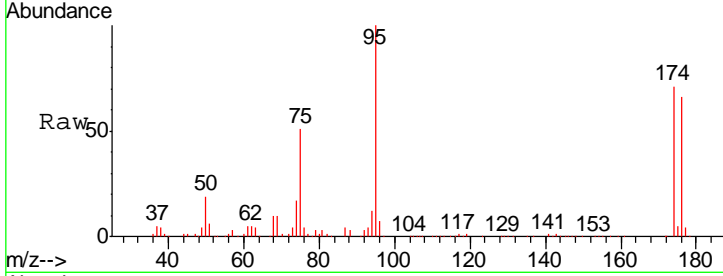




#62
 4-Bromofluorobenzene
 Concen: 44.950 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012627.D
 Acq: 24 Sep 2019 12:59

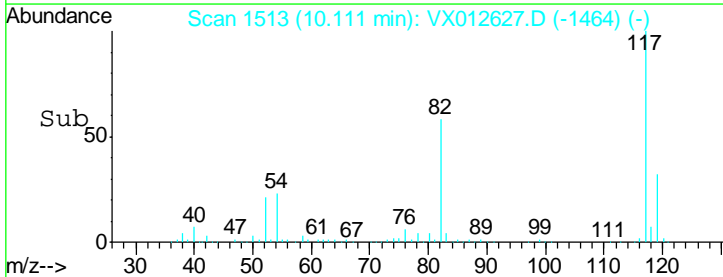
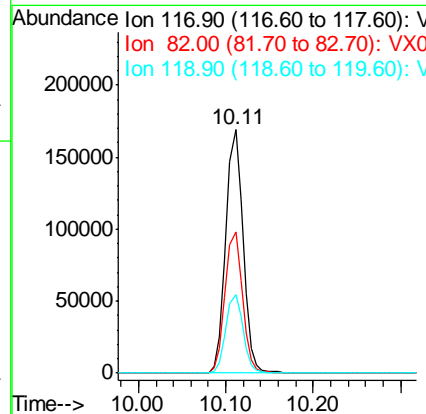
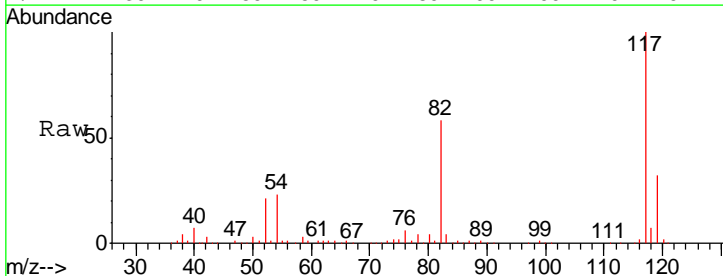
Instrument : MSVOA_X
 ClientSampled : S49-TB-2019-5

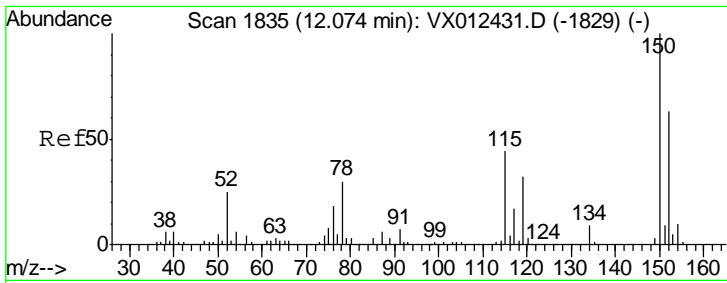
Tgt Ion	Resp	Lower	Upper
95	112221		
174	67.7	0.0	140.0
176	63.4	0.0	135.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VX012627.D
 Acq: 24 Sep 2019 12:59

Tgt Ion	Resp	Lower	Upper
117	231370		
82	58.0	45.9	68.9
119	32.4	25.3	37.9

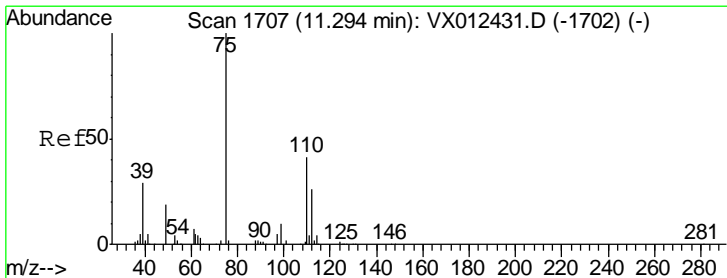
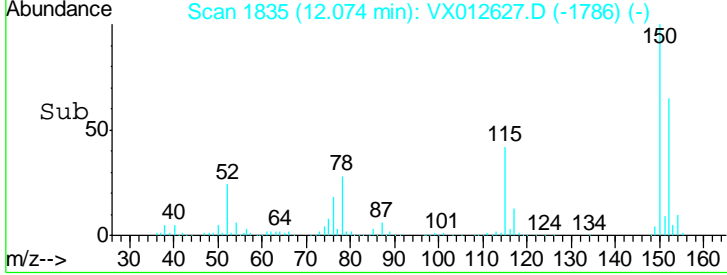
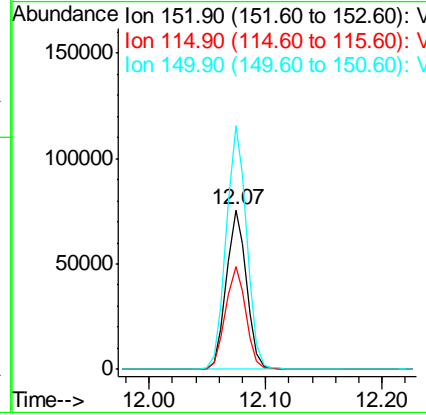
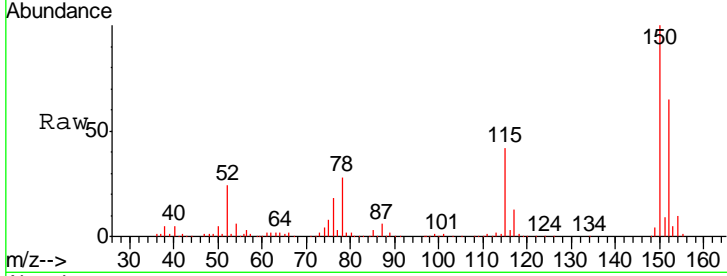




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012627.D
 Acq: 24 Sep 2019 12:59

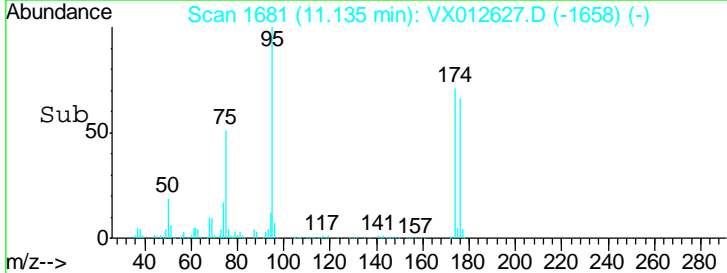
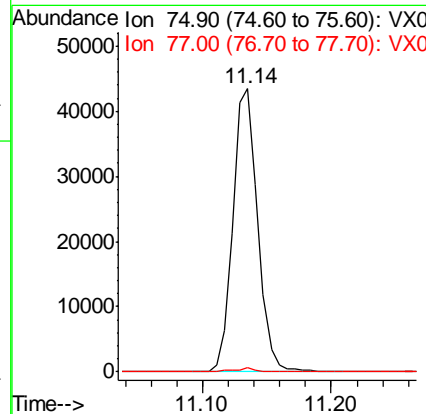
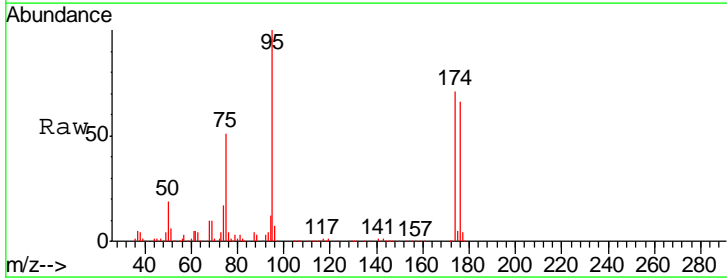
Instrument :
 MSVOA_X
 ClientSampled :
 S49-TB-2019-5

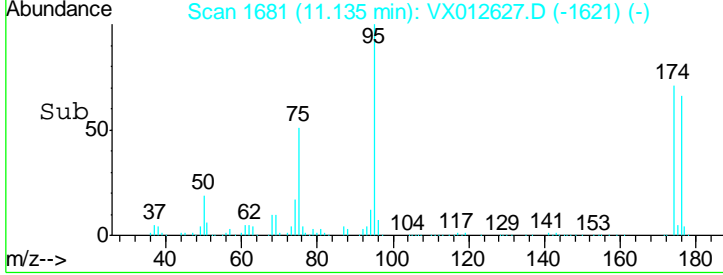
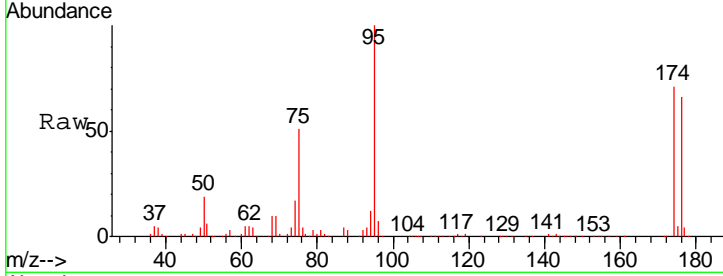
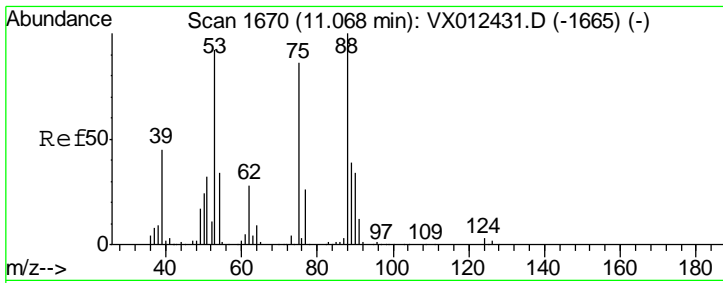
Tgt Ion	Resp	Lower	Upper
152	90107		
152	100		
115	65.3	44.1	132.3
150	155.2	0.0	343.8



#76
 1,2,3-Trichloropropane
 Concen: 24.574 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.16 min
 Lab File: VX012627.D
 Acq: 24 Sep 2019 12:59

Tgt Ion	Resp	Lower	Upper
75	58574		
75	100		
77	1.2	19.7	59.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.424 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.07 min
 Lab File: VX012627.D
 Acq: 24 Sep 2019 12:59

Instrument : MSVOA_X
 ClientSampleId : S49-TB-2019-5

Tgt Ion	Resp	Lower	Upper
75	100		
53	0.0	83.6	125.4#
89	0.0	36.3	54.5#

