

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040620\
 Data File : VX015522.D
 Acq On : 06 Apr 2020 18:50
 Operator : JC/SP
 Sample : L2161-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASSIE-WASH

Quant Time: Apr 07 07:29:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1158540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1917956	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1861877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	1000670	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	794705	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
35) Dibromofluoromethane	5.47	113	599500	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	8.70	98	2299181	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
62) 4-Bromofluorobenzene	11.12	95	1024784	55.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.72%	

Target Compounds

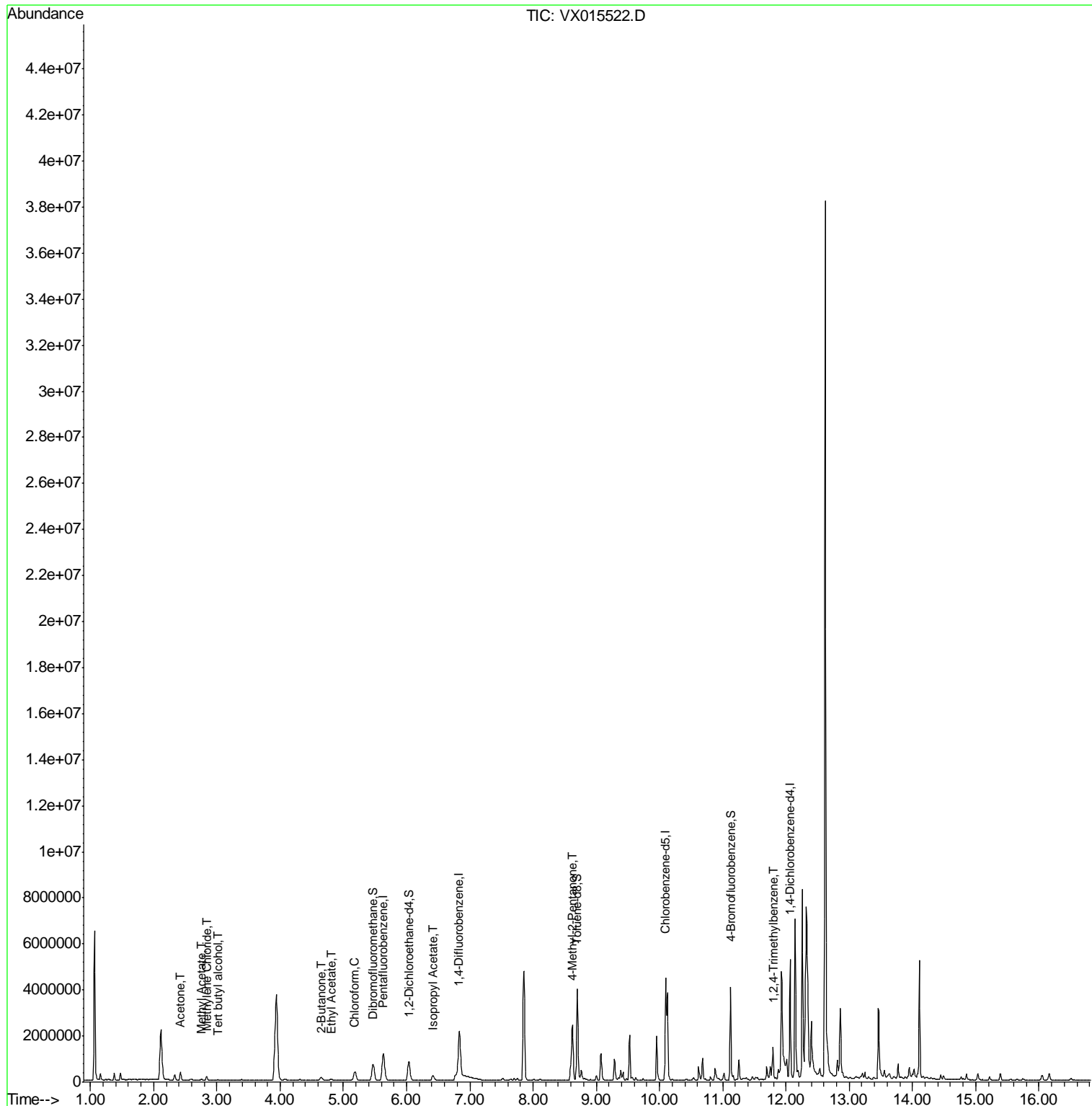
						Qvalue
11) Tert butyl alcohol	3.01	59	43407	11.099	ug/l	96
16) Acetone	2.42	43	382448	54.480	ug/l	99
18) Methyl Acetate	2.75	43	75241	4.199	ug/l	99
20) Methylene Chloride	2.83	84	81841	6.242	ug/l	92
25) 2-Butanone	4.65	43	181853	16.108	ug/l	99
30) Chloroform	5.18	83	440111	19.185	ug/l	96
37) Ethyl Acetate	4.80	43	131537	5.717	ug/l	98
43) Isopropyl Acetate	6.42	43	321298	8.272	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1651570	75.026	ug/l	93
84) 1,2,4-Trimethylbenzene	11.79	105	217261	3.807	ug/l #	32

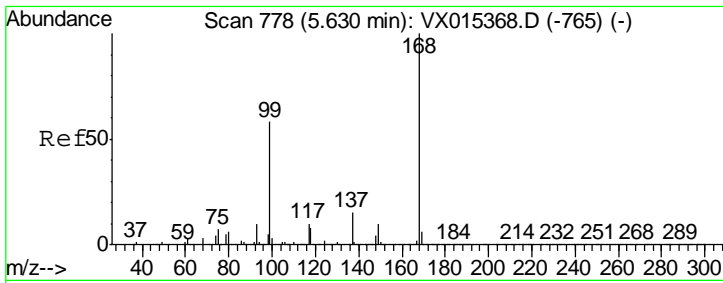
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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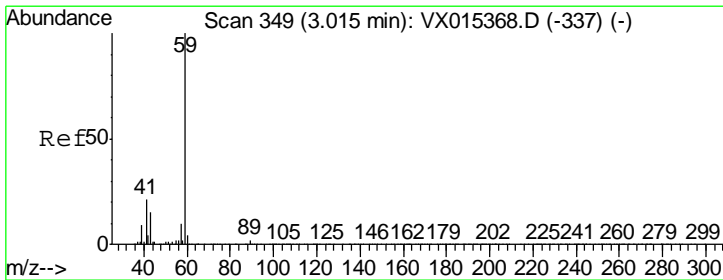
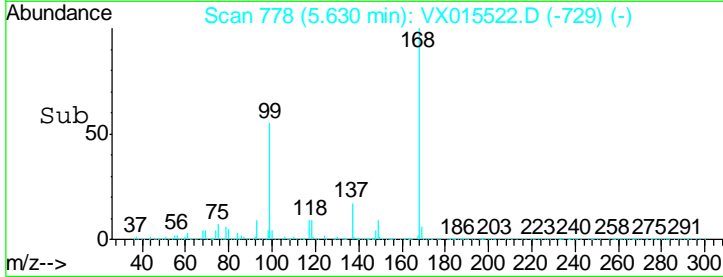
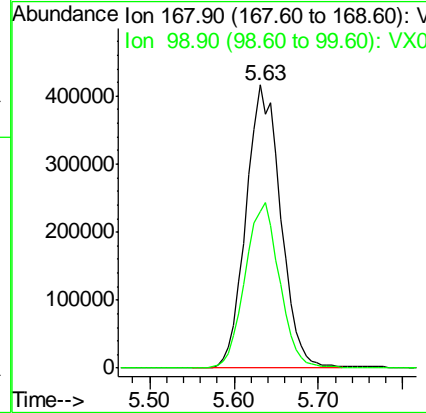
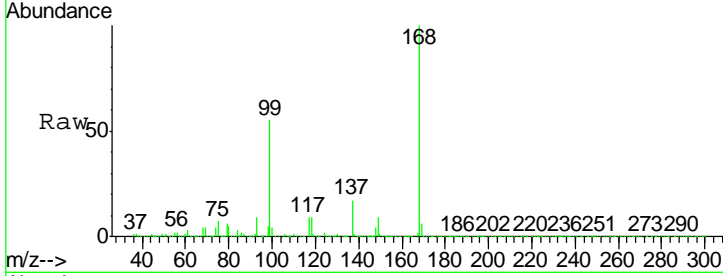




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: VX015522.D
 Acq: 06 Apr 2020 18:50

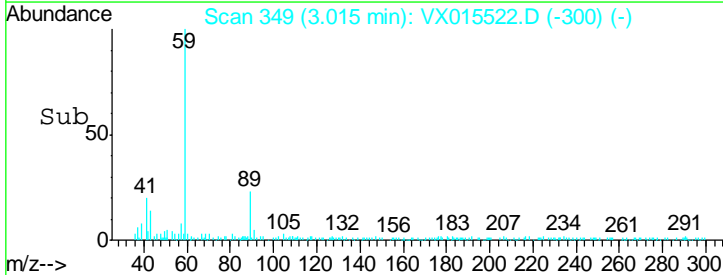
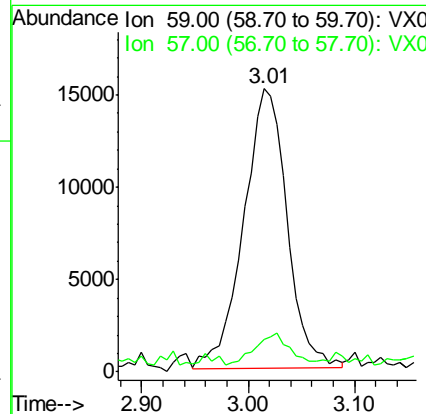
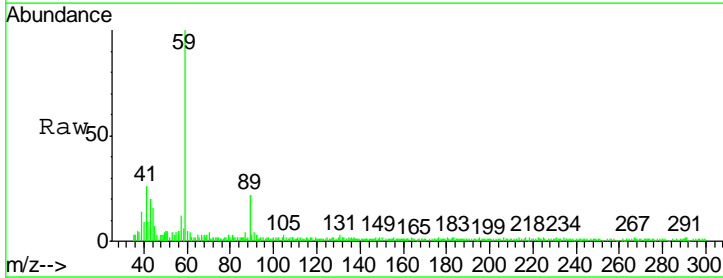
Instrument : MSVOA_X
 ClientSampleId : CHASSIE-WASH

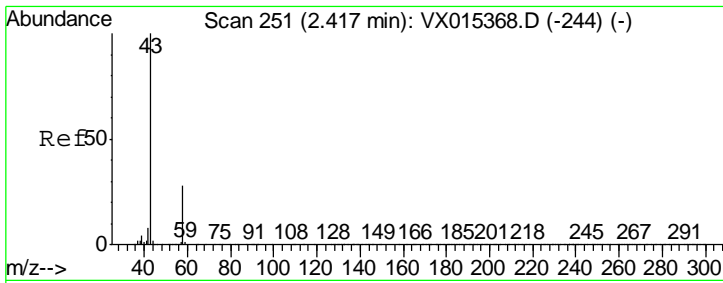
Tgt Ion	Resp	Lower	Upper
168	100		
99	55.0	46.4	69.6



#11
 Tert butyl alcohol
 Concen: 11.099 ug/l
 RT: 3.01 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VX015522.D
 Acq: 06 Apr 2020 18:50

Tgt Ion	Resp	Lower	Upper
59	100		
57	8.7	8.1	12.1

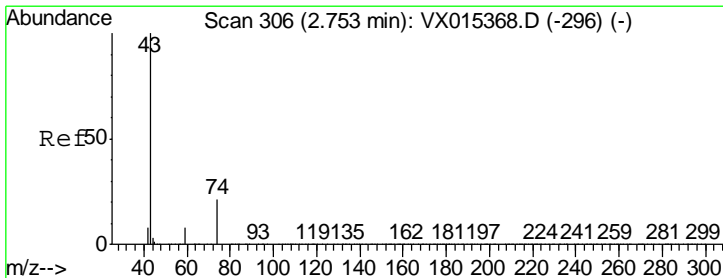
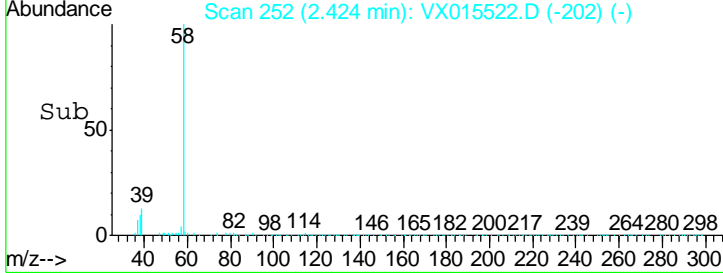
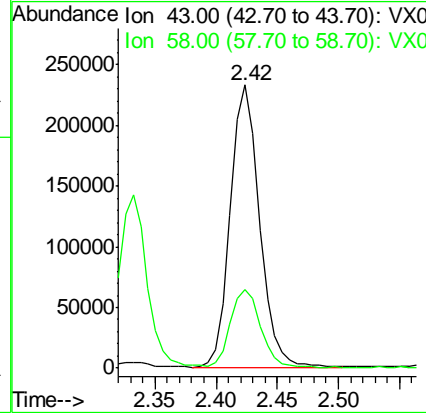
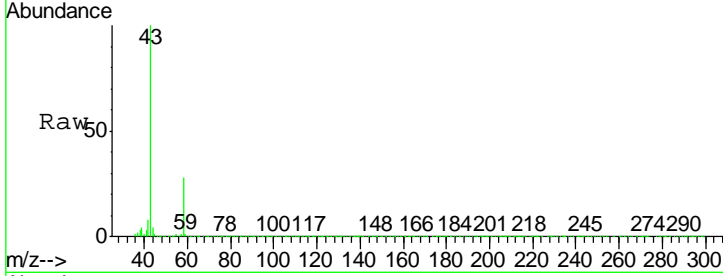




#16
 Acetone
 Concen: 54.480 ug/l
 RT: 2.42 min Scan# 252
 Delta R.T. 0.01 min
 Lab File: VX015522.D
 Acq: 06 Apr 2020 18:50

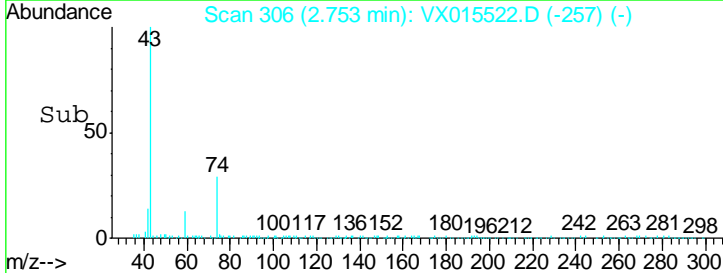
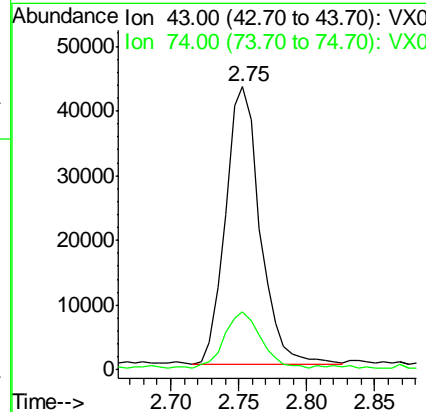
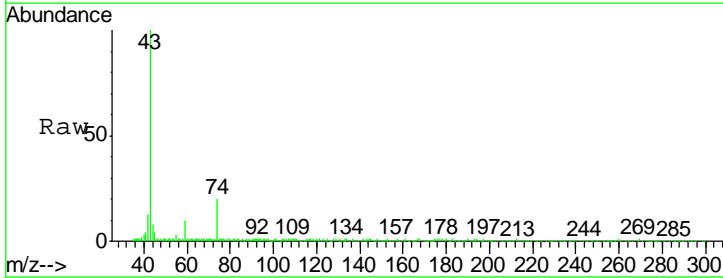
Instrument :
 MSVOA_X
ClientSampled :
 CHASSIE-WASH

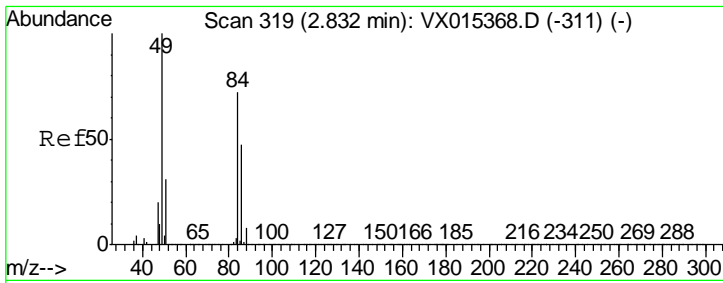
Tgt Ion	Resp	Lower	Upper
43	100		
58	27.3	22.1	33.1



#18
 Methyl Acetate
 Concen: 4.199 ug/l
 RT: 2.75 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX015522.D
 Acq: 06 Apr 2020 18:50

Tgt Ion	Resp	Lower	Upper
43	100		
74	21.2	16.5	24.7

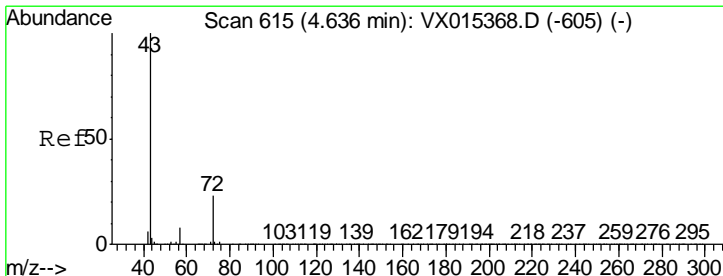
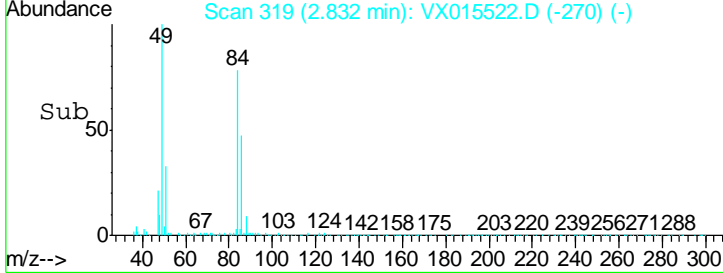
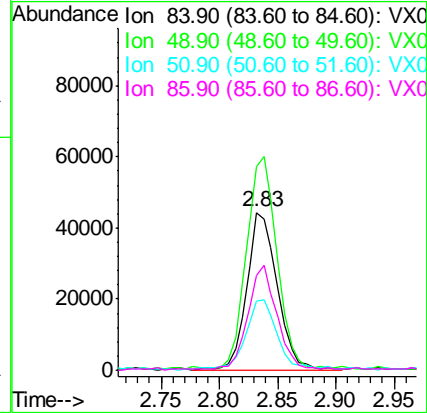
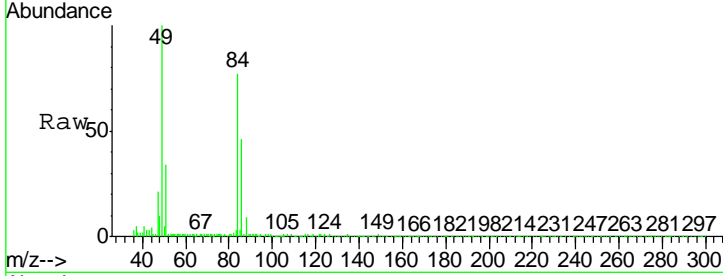




#20
 Methylene Chloride
 Concen: 6.242 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. 0.00 min
 Lab File: VX015522.D
 Acq: 06 Apr 2020 18:50

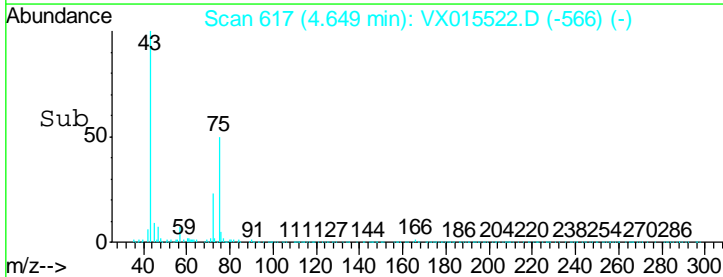
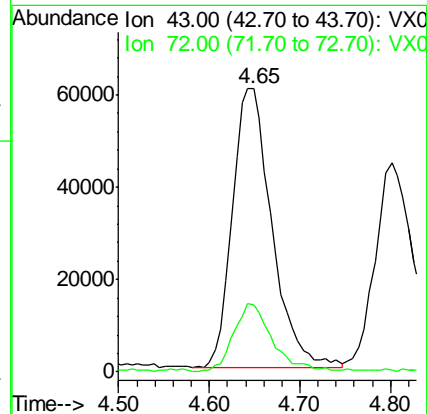
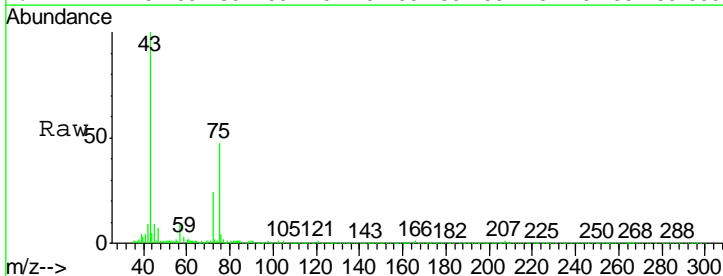
Instrument :
 MSVOA_X
 ClientSampled :
 CHASSIE-WASH

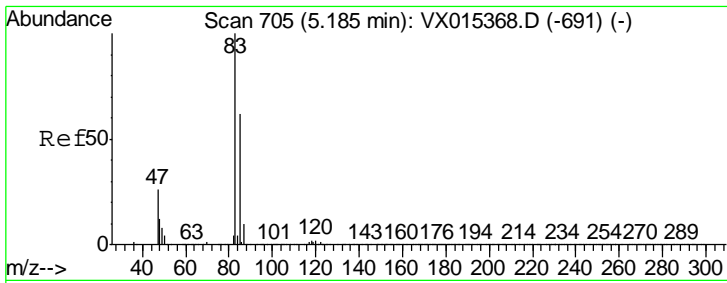
Tgt Ion	Resp	Lower	Upper
84	100		
49	127.5	111.3	166.9
51	43.0	34.0	51.0
86	59.4	52.5	78.7



#25
 2-Butanone
 Concen: 16.108 ug/l
 RT: 4.65 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: VX015522.D
 Acq: 06 Apr 2020 18:50

Tgt Ion	Resp	Lower	Upper
43	100		
72	24.2	19.0	28.4

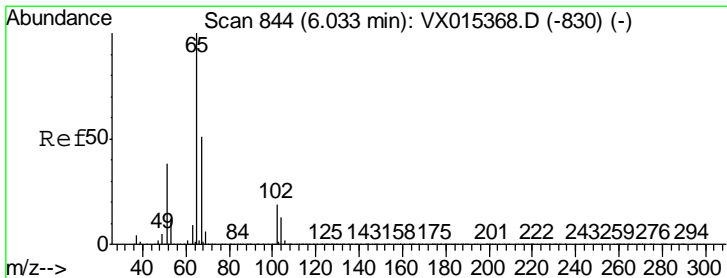
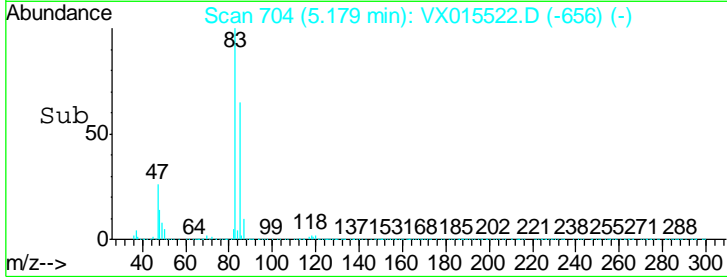
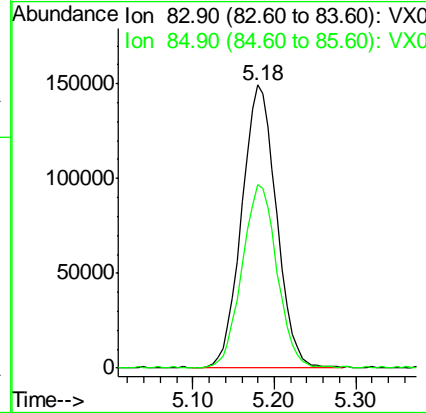
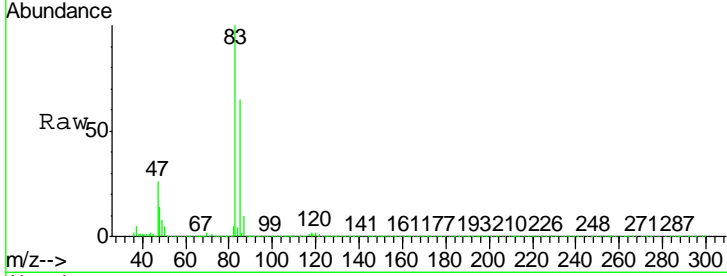




#30
 Chloroform
 Concen: 19.185 ug/l
 RT: 5.18 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VX015522.D
 Acq: 06 Apr 2020 18:50

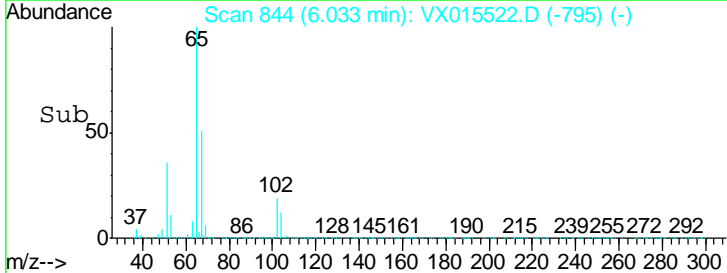
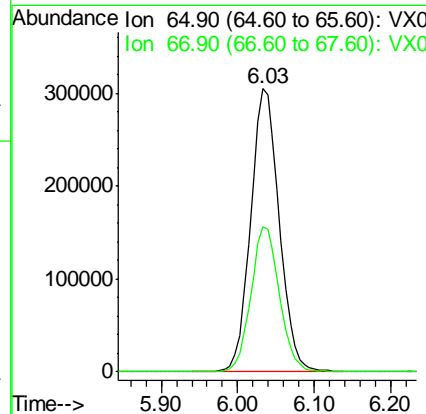
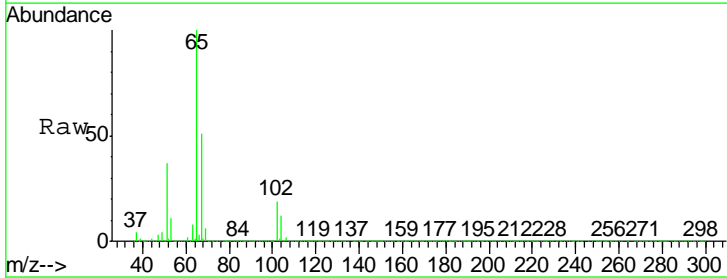
Instrument :
 MSVOA_X
 ClientSampled :
 CHASSIE-WASH

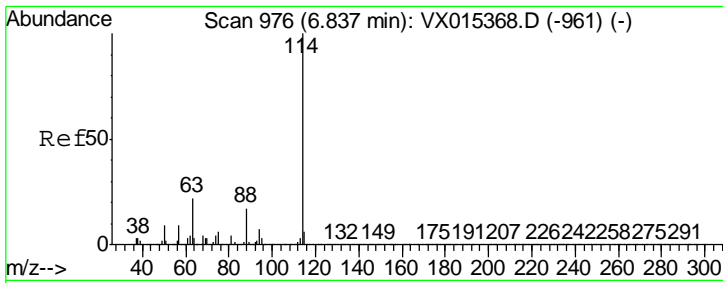
Tgt Ion	Resp	Lower	Upper
83	440111		
85	64.7	49.5	74.3



#33
 1,2-Dichloroethane-d4
 Concen: 48.636 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015522.D
 Acq: 06 Apr 2020 18:50

Tgt Ion	Resp	Lower	Upper
65	794705		
67	50.7	0.0	102.6

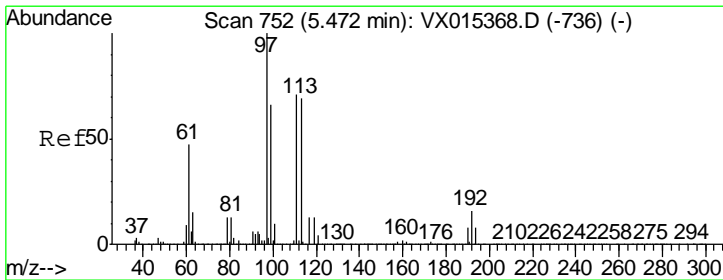
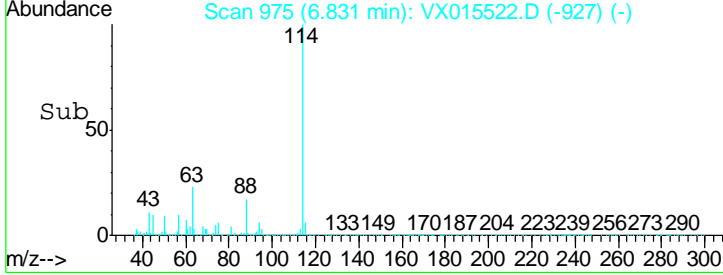
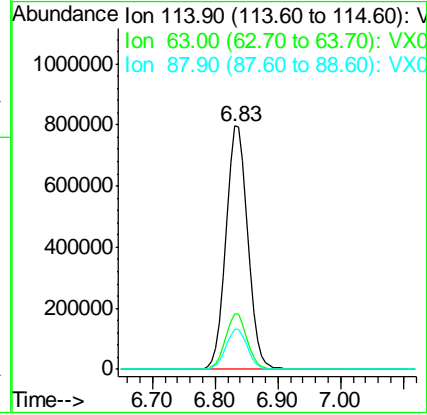
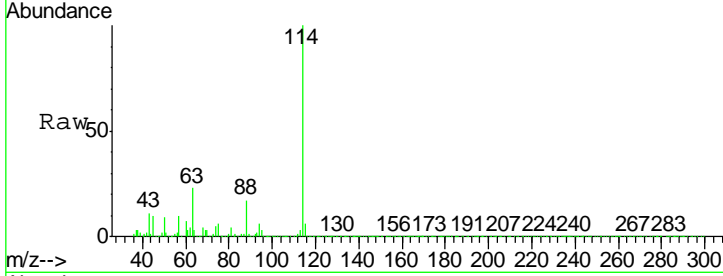




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015522.D
 Acq: 06 Apr 2020 18:50

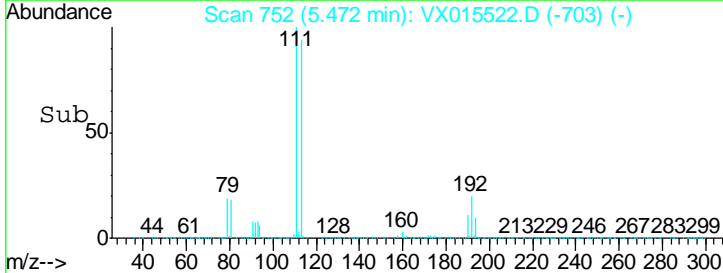
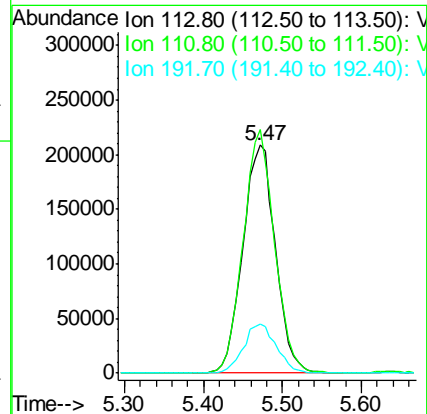
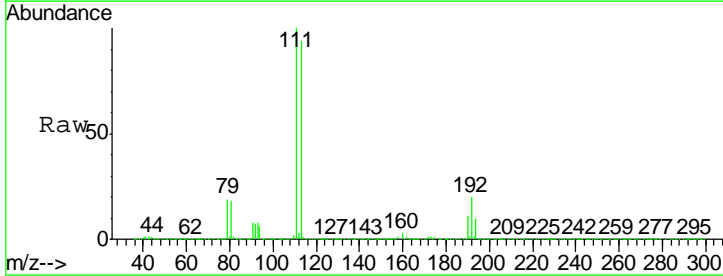
Instrument :
 MSVOA_X
 ClientSampled :
 CHASSIE-WASH

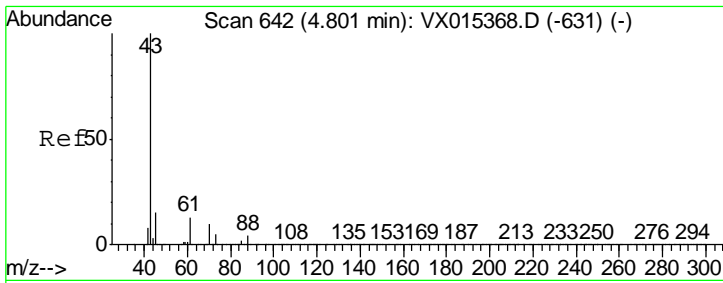
Tgt Ion	Resp	Lower	Upper
114	1917956		
63	22.6	0.0	44.2
88	16.6	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 48.898 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015522.D
 Acq: 06 Apr 2020 18:50

Tgt Ion	Resp	Lower	Upper
113	599500		
111	102.6	81.5	122.3
192	21.7	17.8	26.6

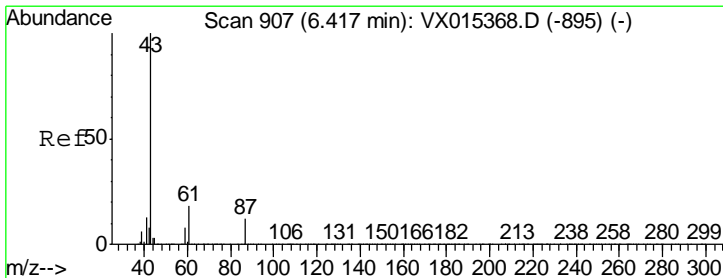
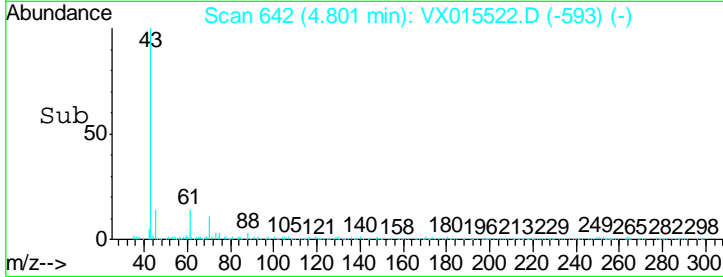
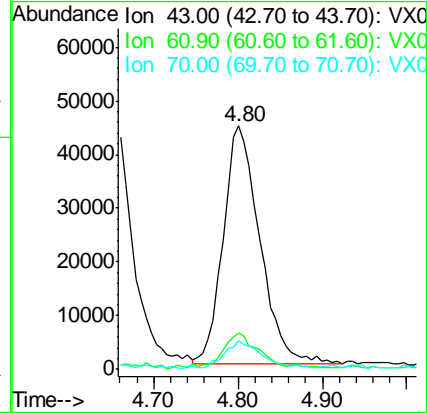
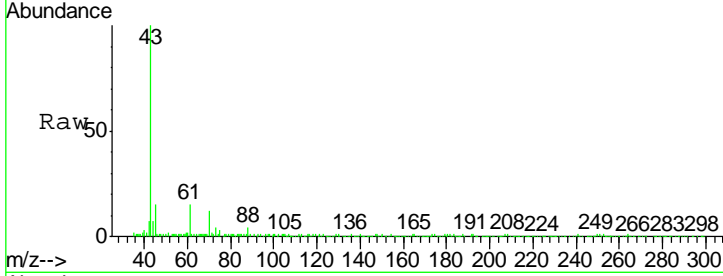




#37
 Ethyl Acetate
 Concen: 5.717 ug/l
 RT: 4.80 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: VX015522.D
 Acq: 06 Apr 2020 18:50

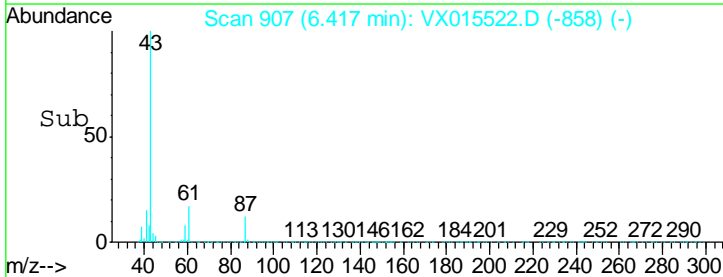
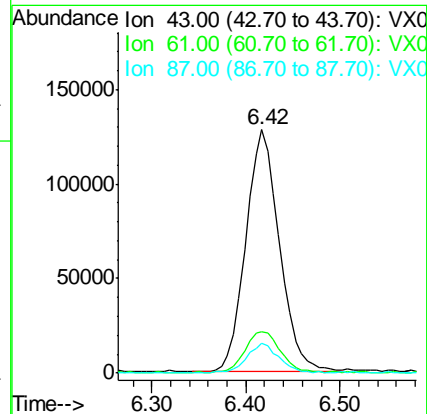
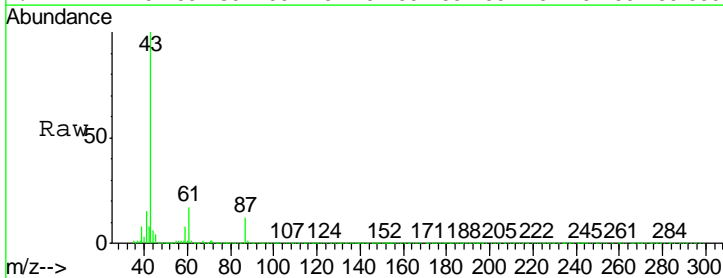
Instrument :
 MSVOA_X
 ClientSampleId :
 CHASSIE-WASH

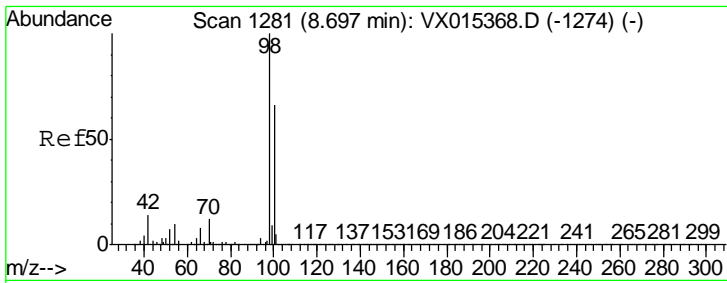
Tgt Ion	Resp	Lower	Upper
43	131537		
61	12.1	9.9	14.9
70	11.2	8.1	12.1



#43
 Isopropyl Acetate
 Concen: 8.272 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015522.D
 Acq: 06 Apr 2020 18:50

Tgt Ion	Resp	Lower	Upper
43	321298		
61	17.9	14.8	22.2
87	11.2	9.4	14.0

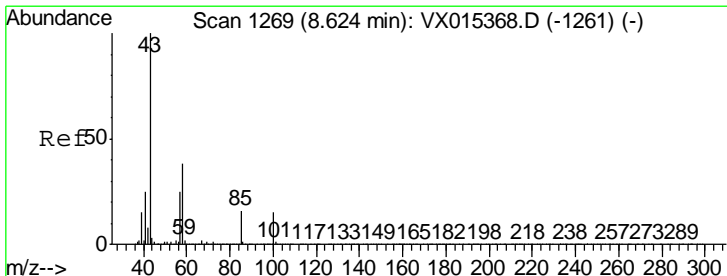
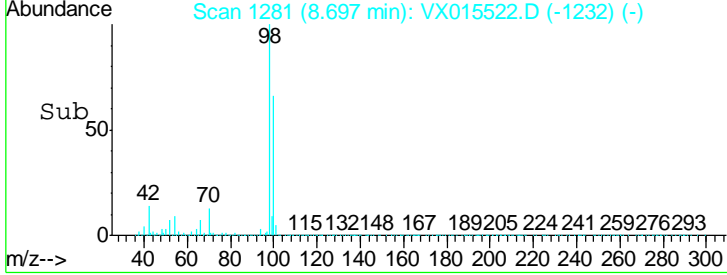
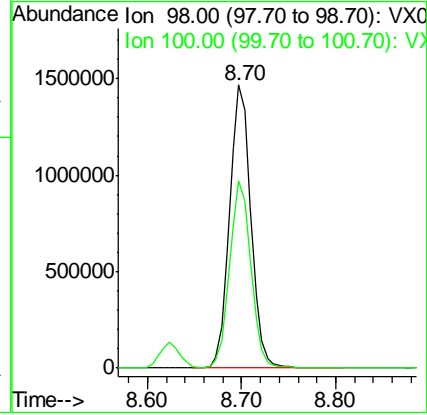
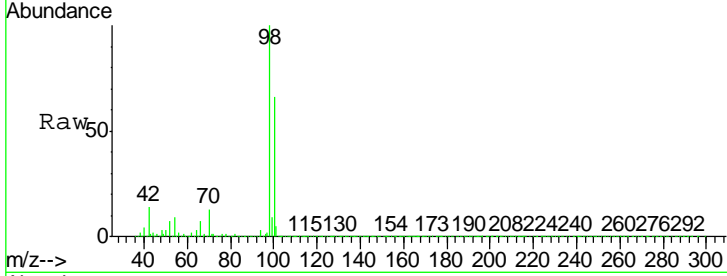




#50
 Toluene-d8
 Concen: 50.936 ug/l
 RT: 8.70 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VX015522.D
 Acq: 06 Apr 2020 18:50

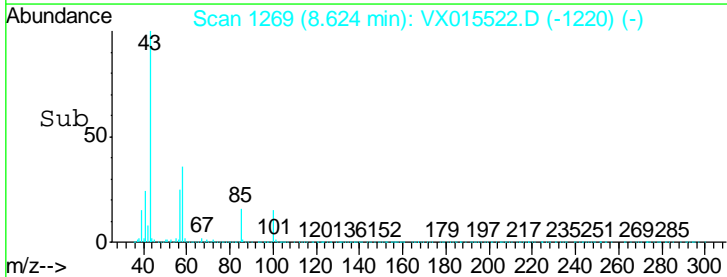
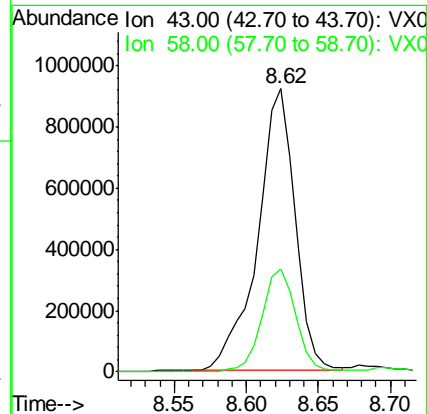
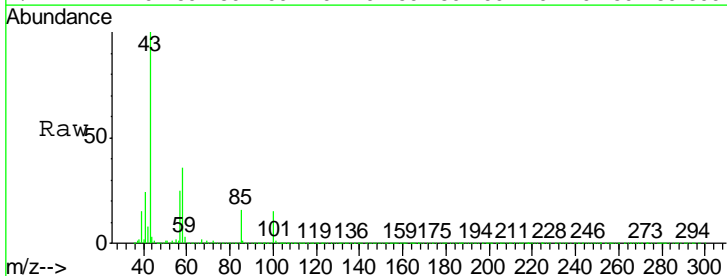
Instrument :
 MSVOA_X
ClientSampled :
 CHASSIE-WASH

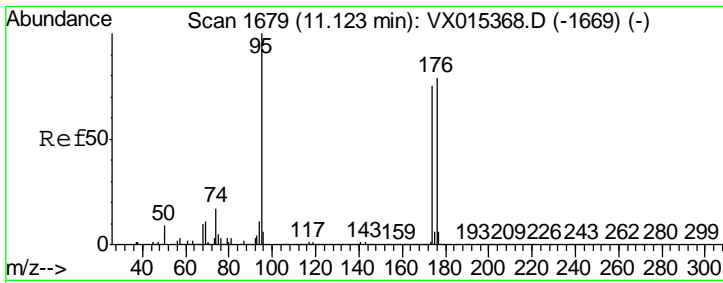
Tgt Ion: 98 Resp: 2299181
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.5 80.3



#51
 4-Methyl-2-Pentanone
 Concen: 75.026 ug/l
 RT: 8.62 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX015522.D
 Acq: 06 Apr 2020 18:50

Tgt Ion: 43 Resp: 1651570
 Ion Ratio Lower Upper
 43 100
 58 33.0 29.7 44.5

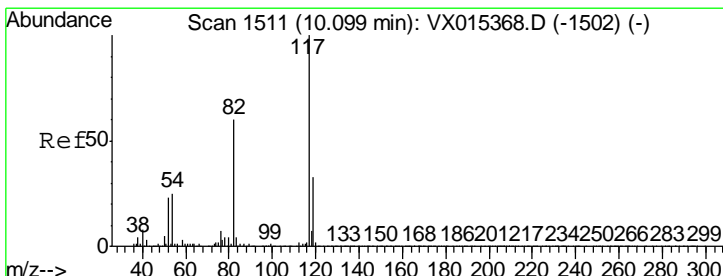
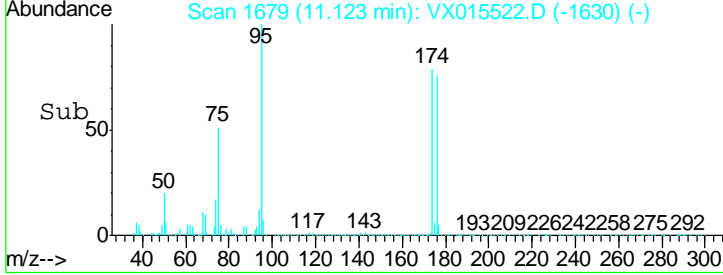
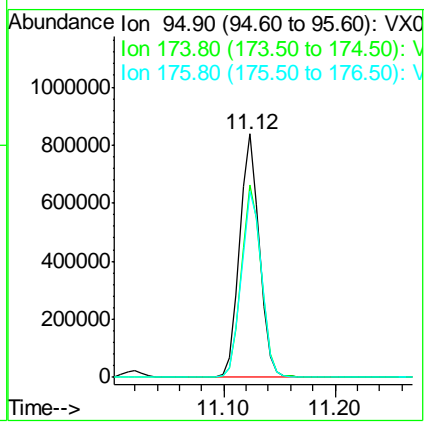
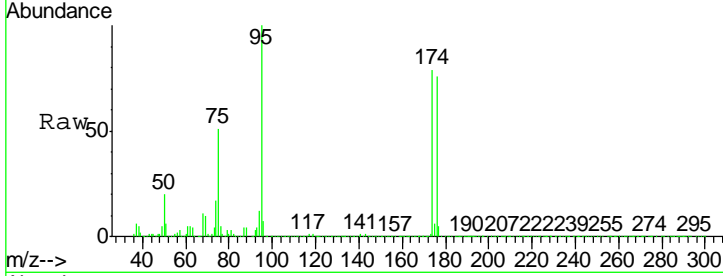




#62
 4-Bromofluorobenzene
 Concen: 55.864 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015522.D
 Acq: 06 Apr 2020 18:50

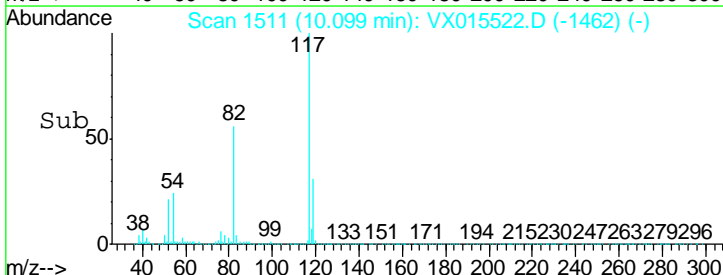
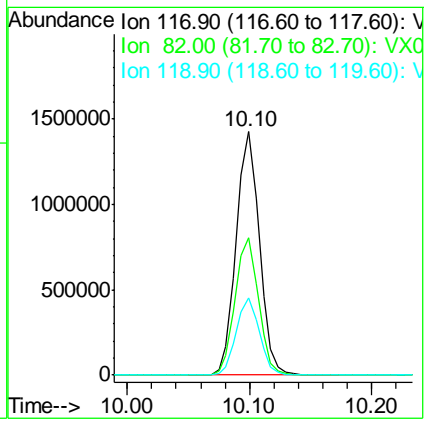
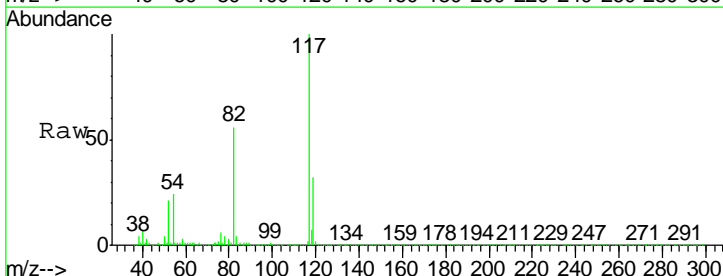
Instrument : MSVOA_X
 Client Sampled : CHASSIE-WASH

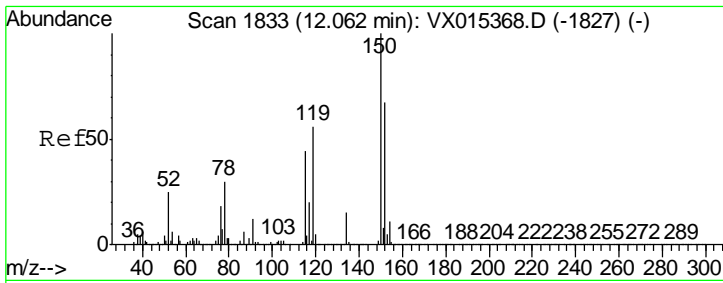
Tgt Ion	Resp	Lower	Upper
95	1024784		
174	80.3	0.0	158.6
176	79.1	0.0	159.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.10 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: VX015522.D
 Acq: 06 Apr 2020 18:50

Tgt Ion	Resp	Lower	Upper
117	1861877		
82	56.3	47.8	71.8
119	31.5	26.8	40.2

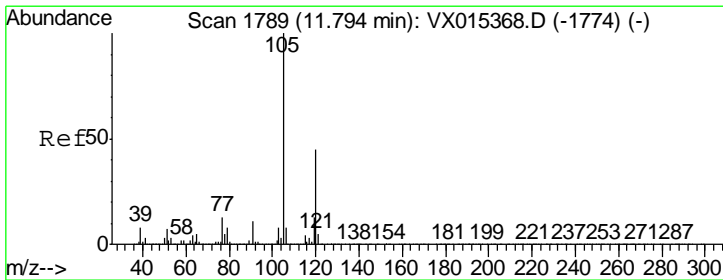
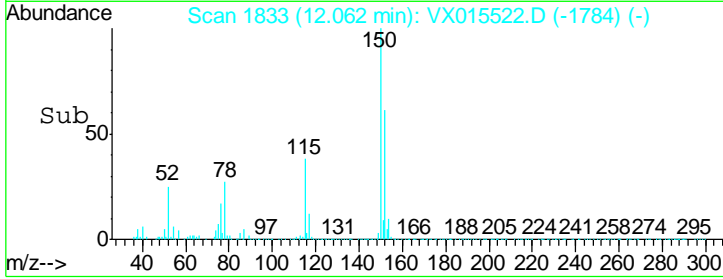
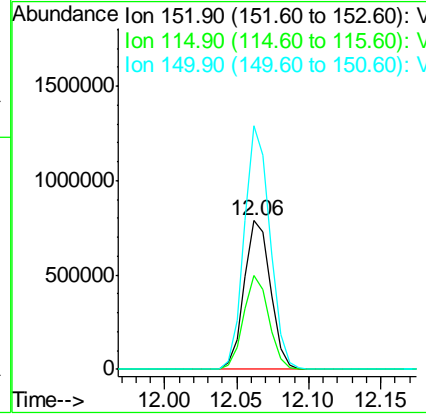
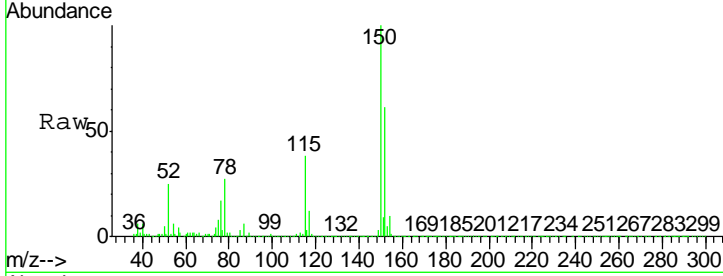




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX015522.D
 Acq: 06 Apr 2020 18:50

Instrument : MSVOA_X
 ClientSampled : CHASSIE-WASH

Tgt Ion	Resp	Lower	Upper
152	100		
115	60.3	39.0	116.9
150	159.6	0.0	340.8



#84
 1,2,4-Trimethylbenzene
 Concen: 3.807 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015522.D
 Acq: 06 Apr 2020 18:50

Tgt Ion	Resp	Lower	Upper
105	100		
120	1.0	22.7	68.1#

