

Data File : VX000427.D

Acq On : 23 Mar 2018 14:19

Operator : JC/MD

Sample : J1748-10 5X

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AU-05-032218-B

Quant Time: Mar 24 05:54:44 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	110229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	191107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	178301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	77859	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	79535	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	
35) Dibromofluoromethane	5.52	113	61443	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	8.73	98	239493	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
62) 4-Bromofluorobenzene	11.15	95	74565	37.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.38%	

Target Compounds

						Qvalue
5) Bromomethane	1.66	94	292	0.23	ug/l	# 43
6) Chloroethane	1.73	64	261	Below	Cal	100
10) Methyl Iodide	2.52	142	78	4.33	ug/l	# 61
11) Tert butyl alcohol	3.07	59	147	0.30	ug/l	# 72
13) Acrolein	2.30	56	20	14.70	ug/l	# 1
15) Acrylonitrile	3.15	53	209	0.21	ug/l	# 52
16) Acetone	2.45	43	2857	2.39	ug/l	# 87
20) Methylene Chloride	2.87	84	17311	12.52	ug/l	95
29) Tetrahydrofuran	5.19	42	387	0.47	ug/l	# 31
31) Cyclohexane	5.67	56	2779	1.53	ug/l	# 52
36) 1,1-Dichloropropene	5.68	75	8691	4.85	ug/l	# 48
38) Carbon Tetrachloride	5.67	117	10632	5.66	ug/l	# 14
43) Isopropyl Acetate	6.48	43	1712	0.47	ug/l	# 84
74) N-amyl acetate	6.48	43	1712	Below	Cal	# 89
76) 1,2,3-Trichloropropane	11.15	75	42436	25.36	ug/l	# 35
81) trans-1,4-Dichloro-2-buten	11.15	75	42436	82.11	ug/l	# 9
95) Naphthalene	13.84	128	106394	16.72	ug/l	99

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

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Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sampled :
AU-05-032218-B

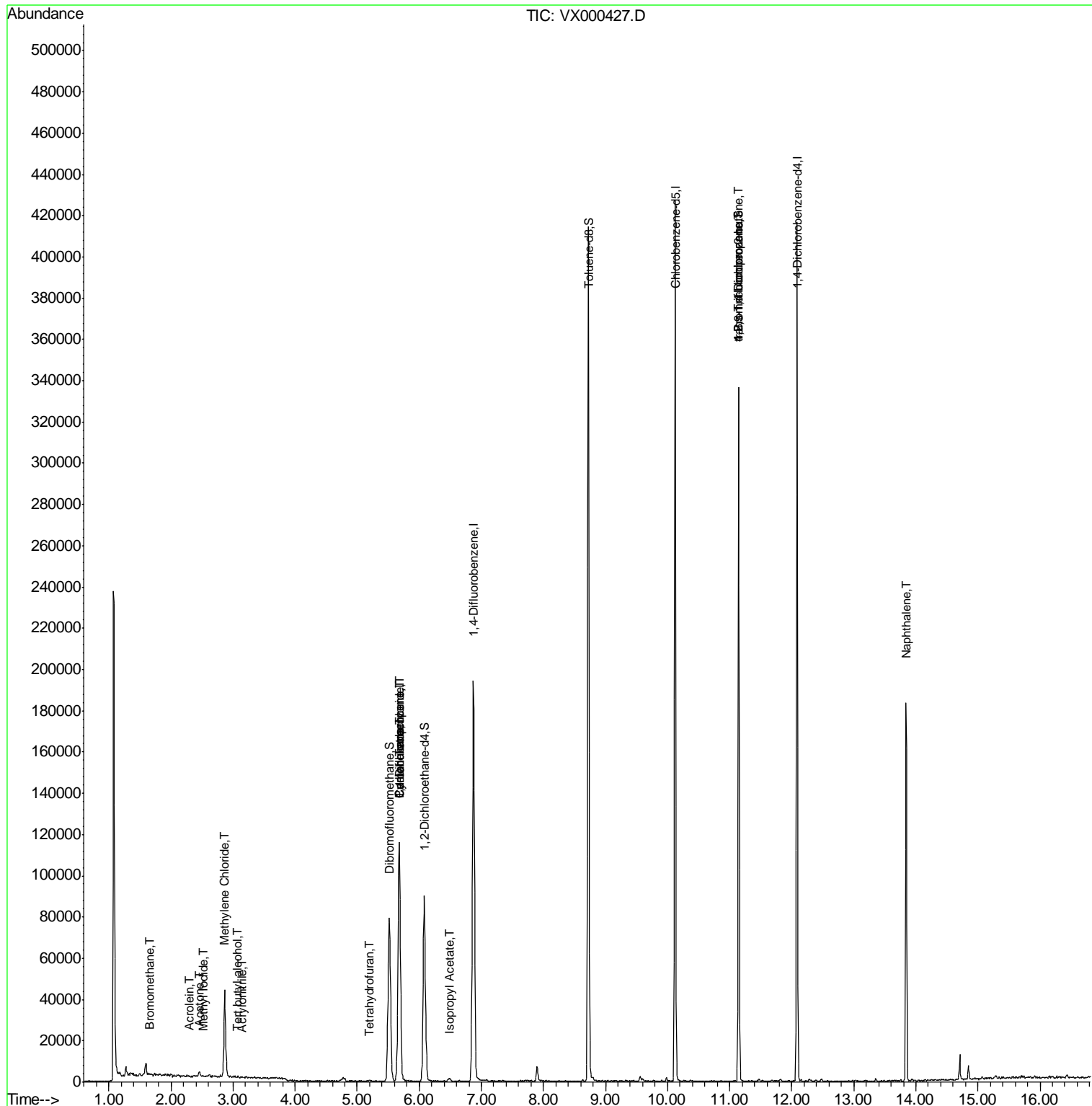
Quant Time: Mar 24 05:54:44 2018

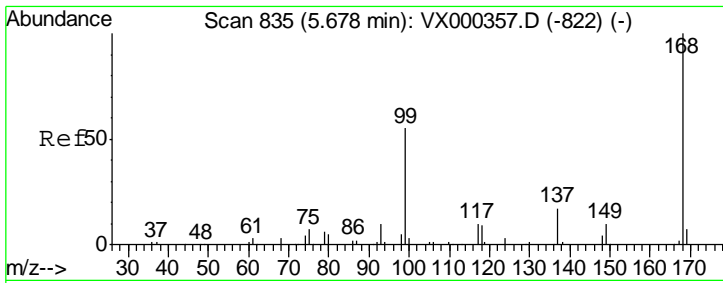
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration

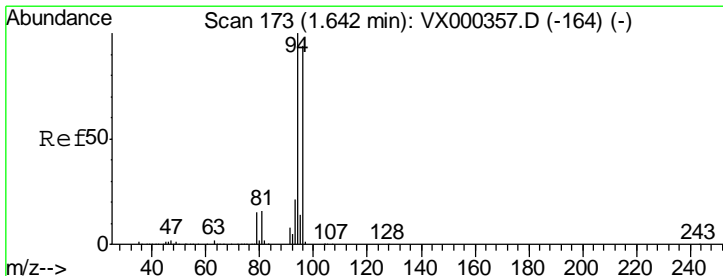
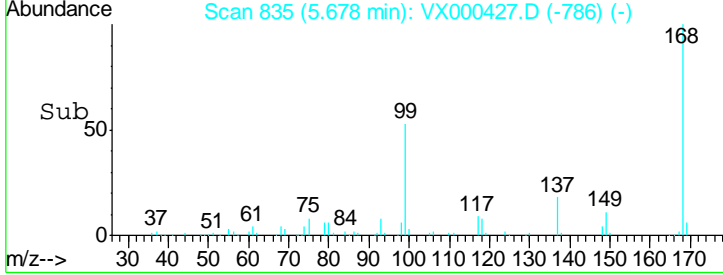
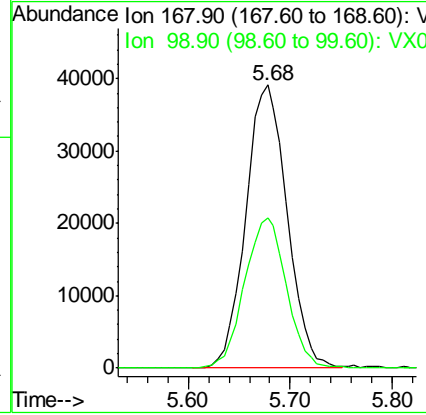
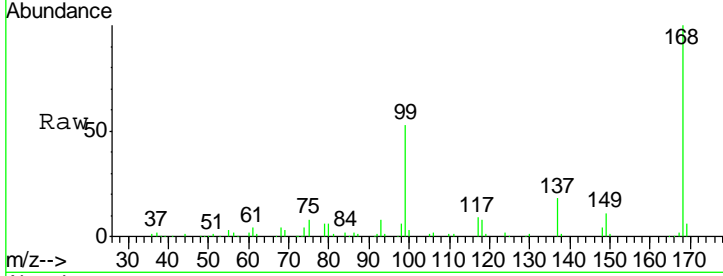




#1
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

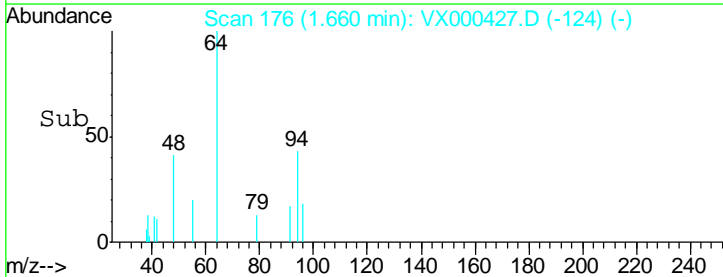
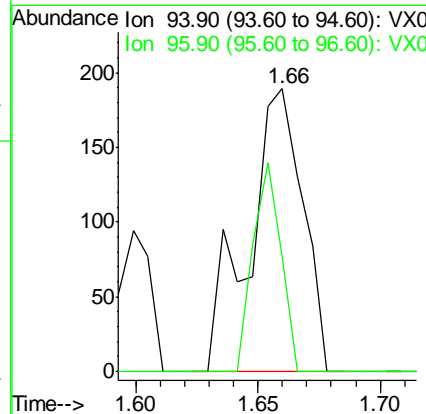
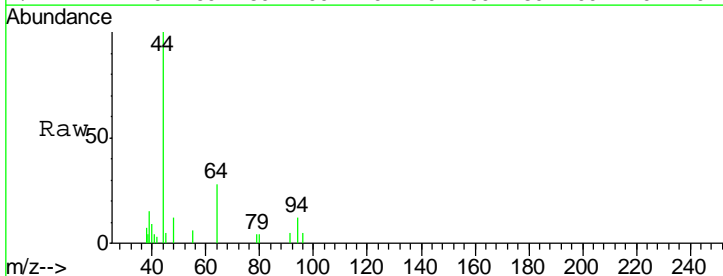
Instrument : MSVOA_X
 ClientSampled : AU-05-032218-B

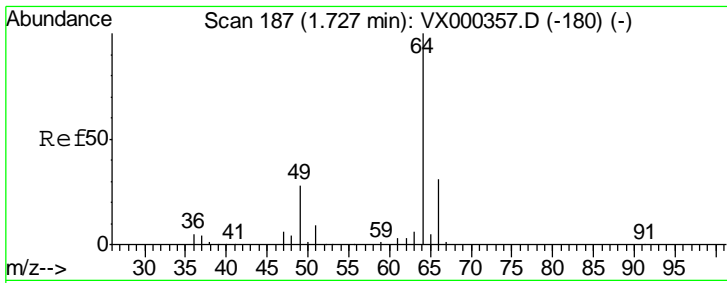
Tgt Ion: 168 Resp: 110229
 Ion Ratio Lower Upper
 168 100
 99 53.1 45.8 68.6



#5
 Bromomethane
 Concen: 0.23 ug/l
 RT: 1.66 min Scan# 176
 Delta R.T. 0.02 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

Tgt Ion: 94 Resp: 292
 Ion Ratio Lower Upper
 94 100
 96 40.7 77.7 116.5#

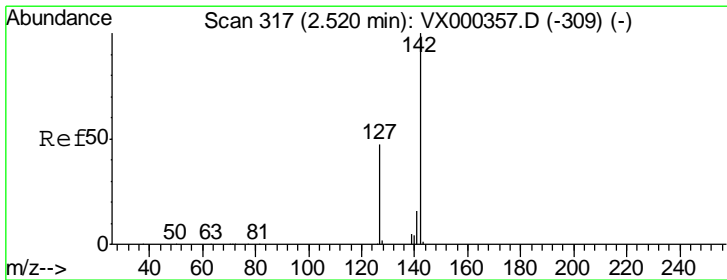
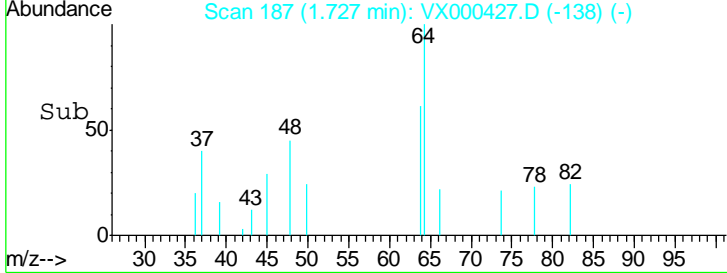
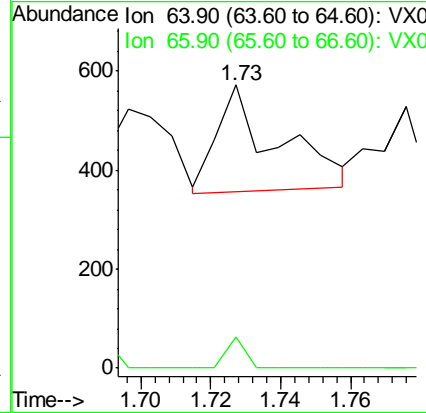
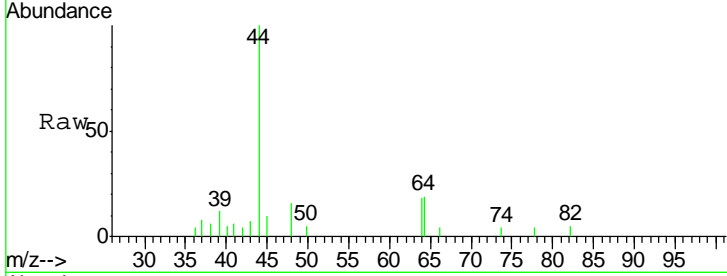




#6
 Chloroethane
 Concen: Below Cal
 RT: 1.73 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

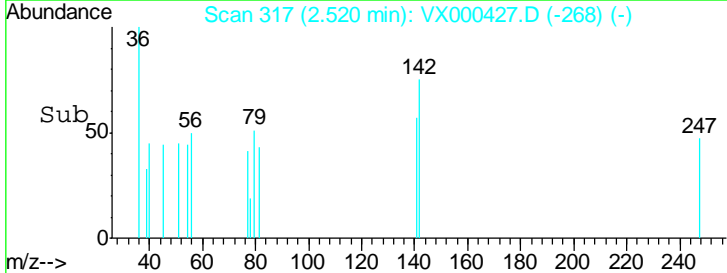
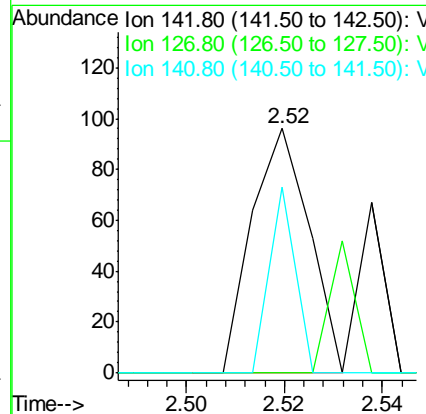
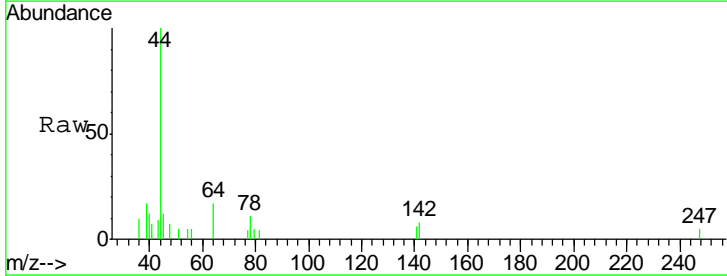
Instrument :
 MSVOA_X
 ClientSampled :
 AU-05-032218-B

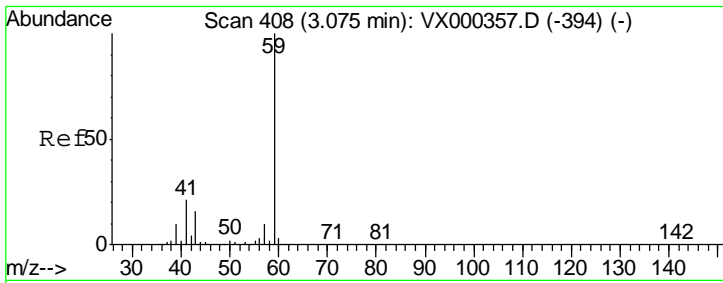
Tgt Ion	Resp	Lower	Upper
64	100		
66	30.9	24.8	37.2



#10
 Methyl Iodide
 Concen: 4.33 ug/l
 RT: 2.52 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

Tgt Ion	Resp	Lower	Upper
142	100		
127	24.4	39.2	58.8#
141	34.6	11.7	17.5#

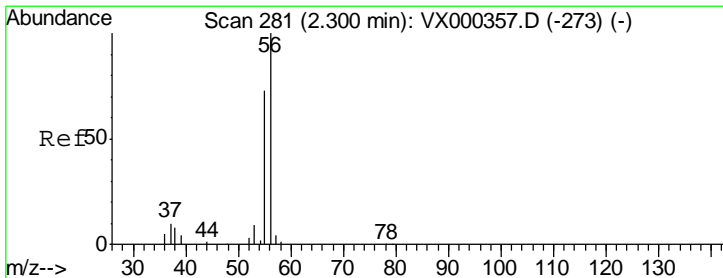
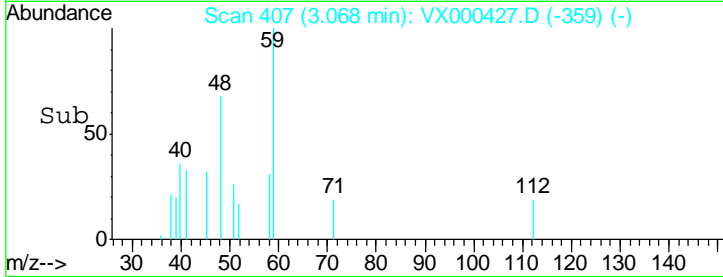
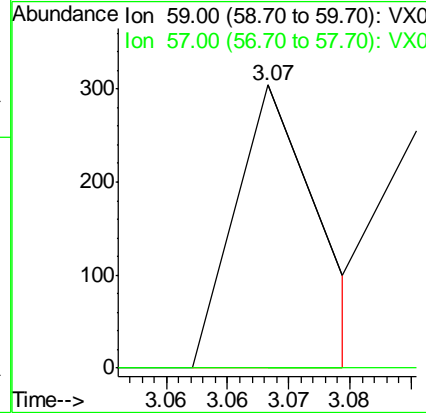
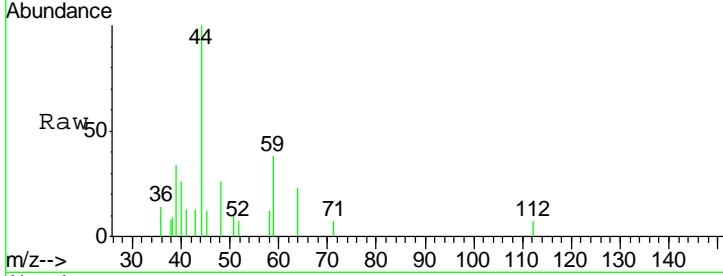




#11
 Tert butyl alcohol
 Concen: 0.30 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

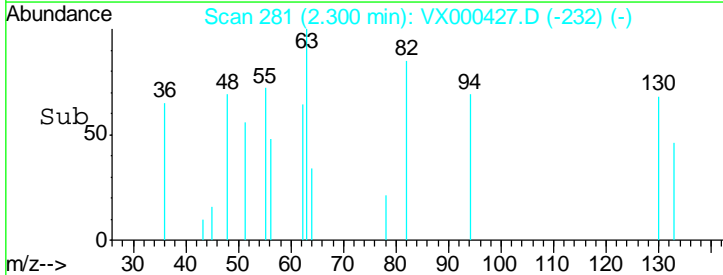
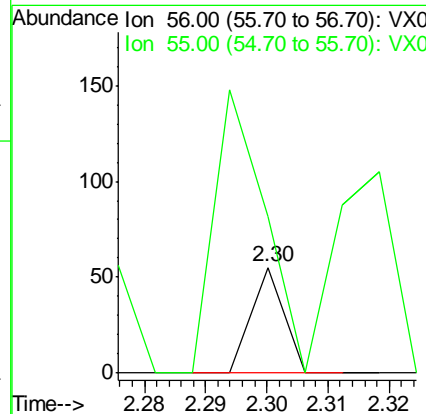
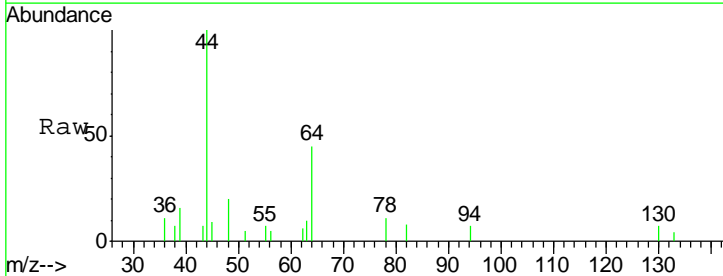
Instrument :
 MSVOA_X
 ClientSampled :
 AU-05-032218-B

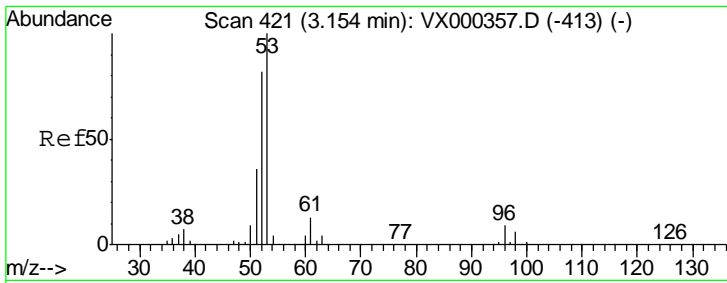
Tgt Ion: 59 Resp: 147
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#



#13
 Acrolein
 Concen: 14.70 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

Tgt Ion: 56 Resp: 20
 Ion Ratio Lower Upper
 56 100
 55 420.0 58.8 88.2#

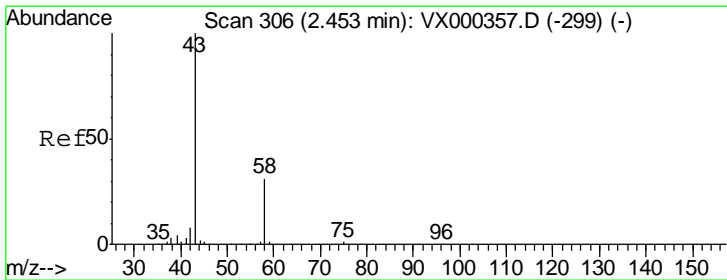
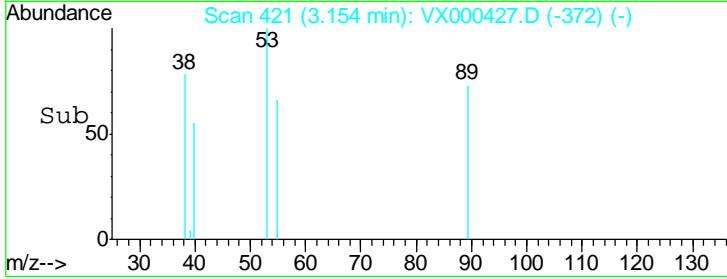
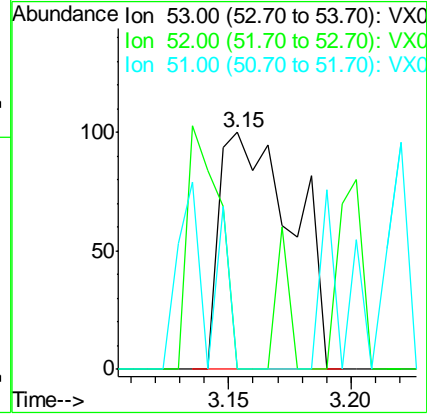
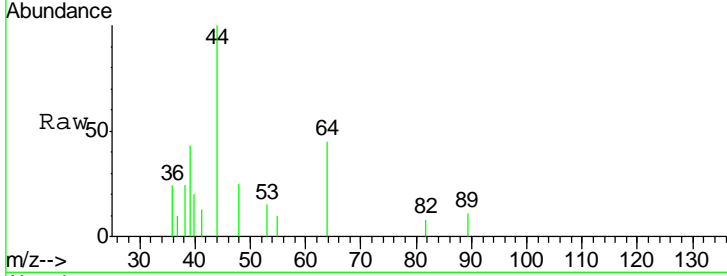




#15
 Acrylonitrile
 Concen: 0.21 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

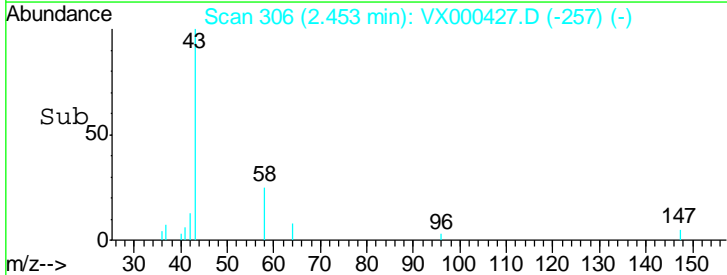
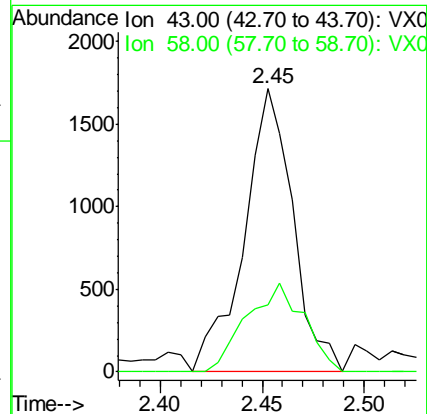
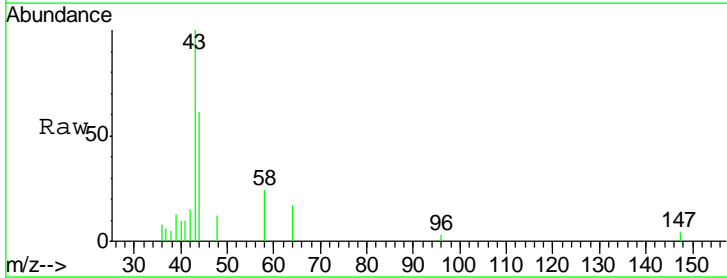
Instrument :
 MSVOA_X
ClientSampled :
 AU-05-032218-B

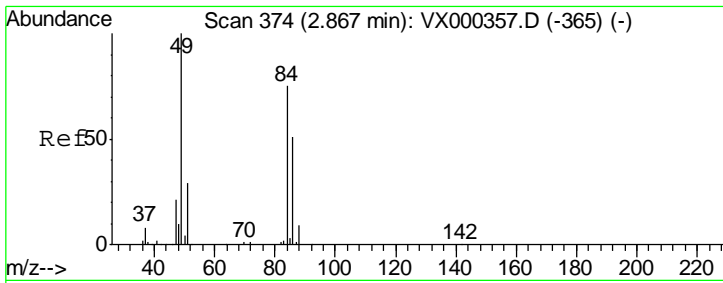
Tgt Ion	Resp	Lower	Upper
53	100		
52	45.0	66.6	99.8#
51	0.0	29.3	43.9#



#16
 Acetone
 Concen: 2.39 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

Tgt Ion	Resp	Lower	Upper
43	100		
58	23.5	24.7	37.1#

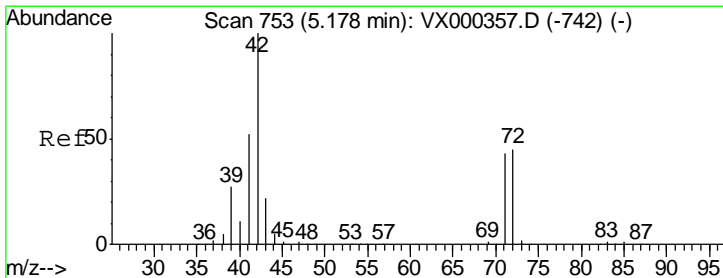
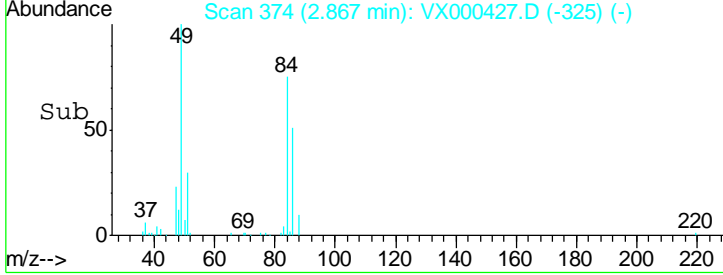
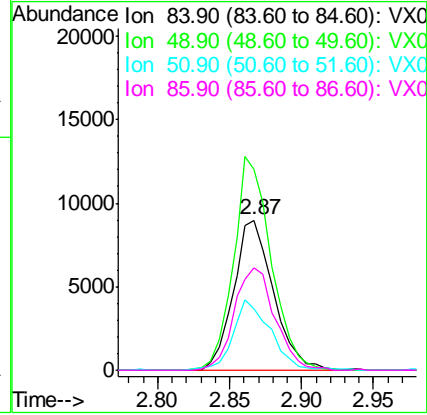
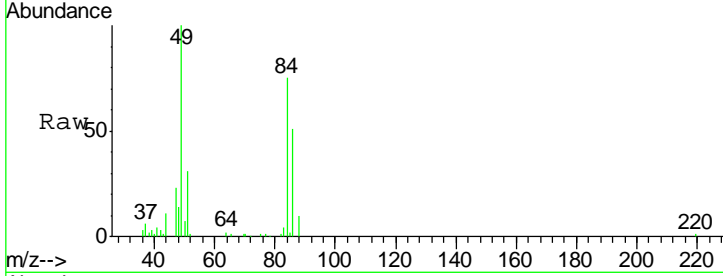




#20
 Methylene Chloride
 Concen: 12.52 ug/l
 RT: 2.87 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

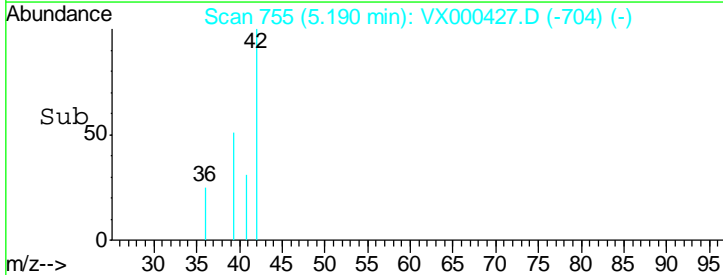
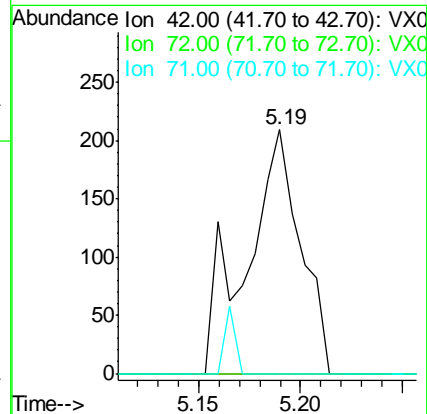
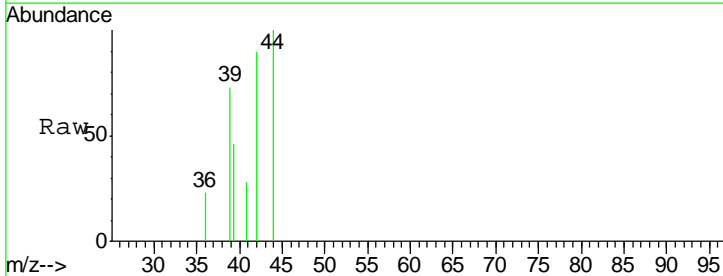
Instrument :
 MSVOA_X
 ClientSampled :
 AU-05-032218-B

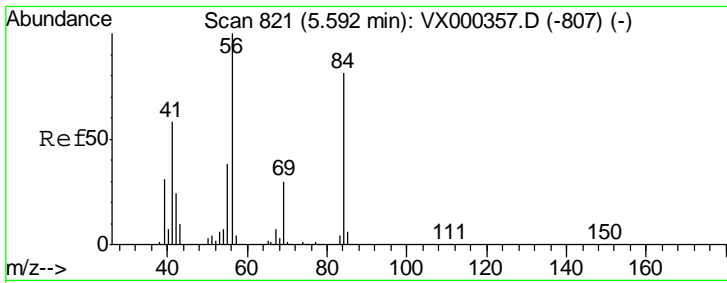
Tgt Ion	Resp	Lower	Upper
84	17311		
84	100		
49	134.0	100.6	151.0
51	40.3	31.6	47.4
86	68.7	52.6	78.8



#29
 Tetrahydrofuran
 Concen: 0.47 ug/l
 RT: 5.19 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

Tgt Ion	Resp	Lower	Upper
42	387		
42	100		
72	0.0	37.9	56.9#
71	0.0	34.4	51.6#

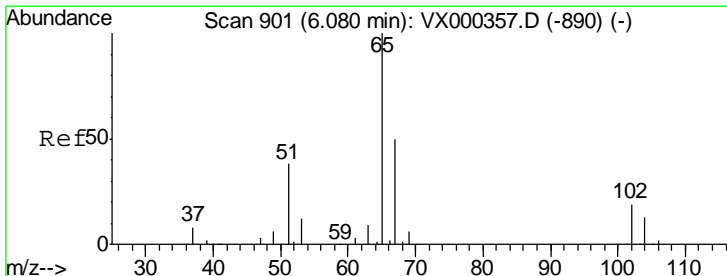
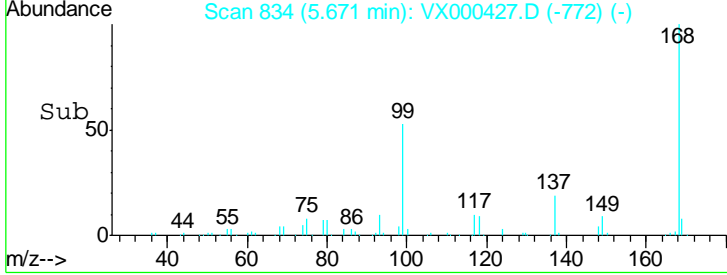
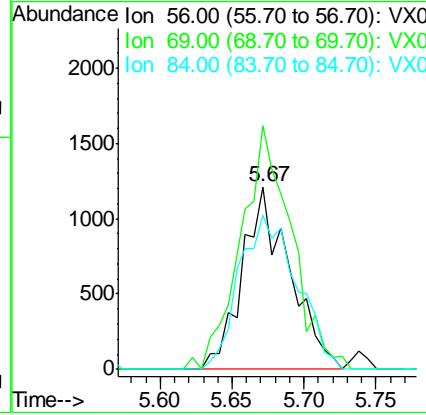
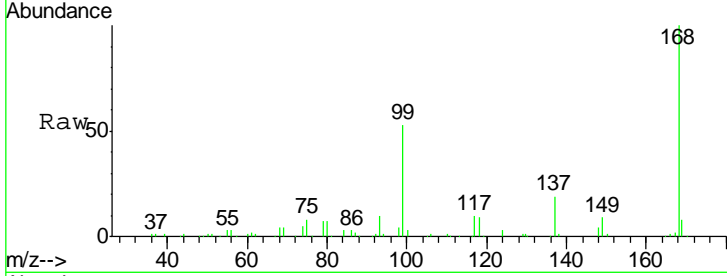




#31
 Cyclohexane
 Concen: 1.53 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. 0.08 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

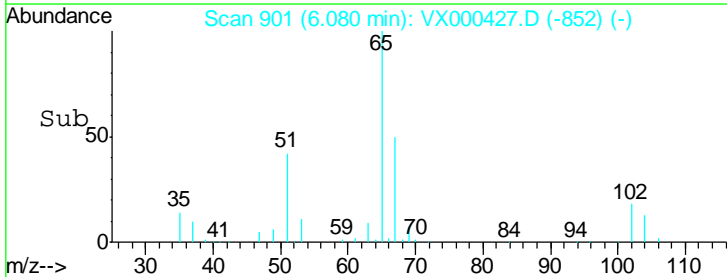
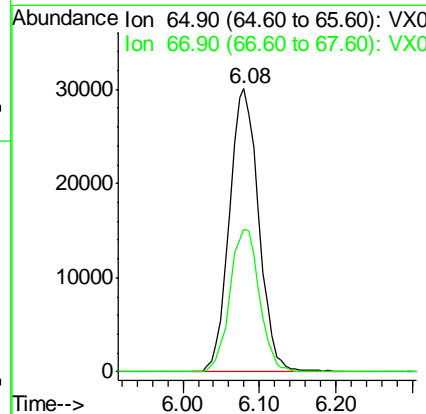
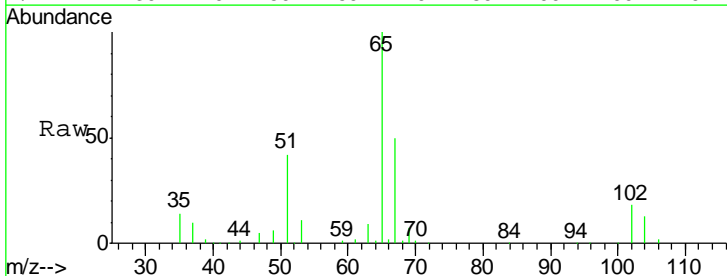
Instrument :
 MSVOA_X
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 AU-05-032218-B

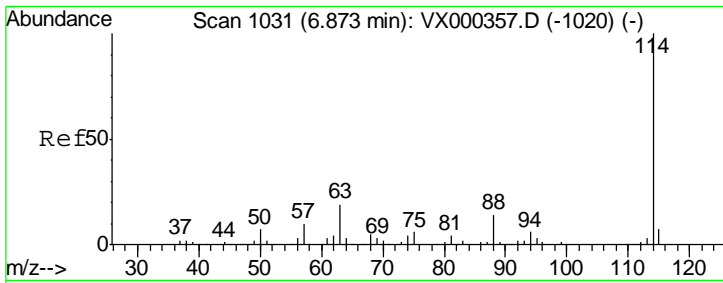
Tgt Ion	Resp	Lower	Upper
56	2779		
69	126.5	23.4	35.0#
84	84.4	71.0	106.4



#33
 1,2-Dichloroethane-d4
 Concen: 55.28 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

Tgt Ion	Resp	Lower	Upper
65	79535		
67	50.7	0.0	103.2

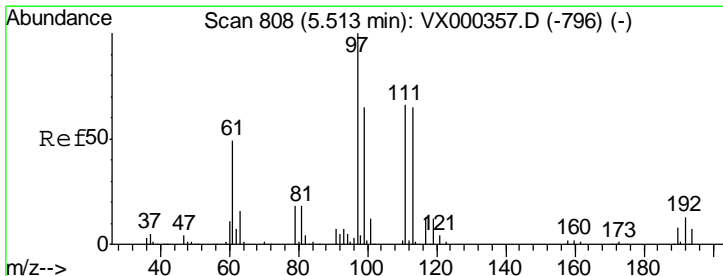
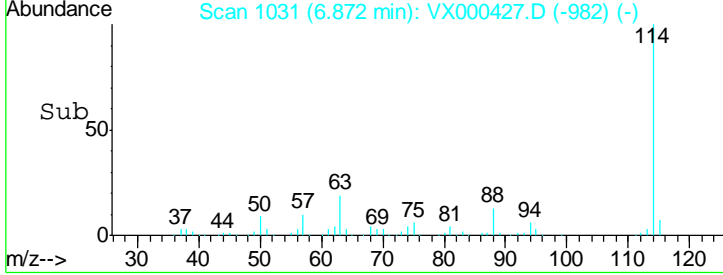
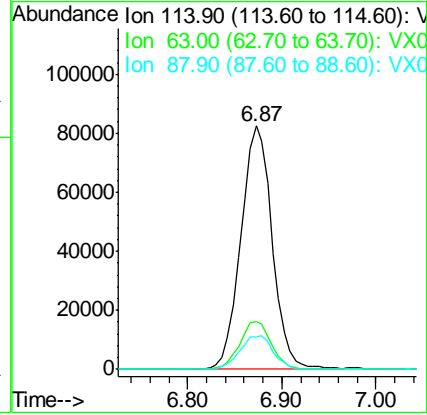
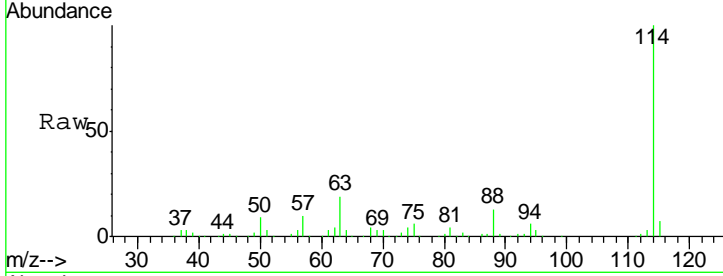




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

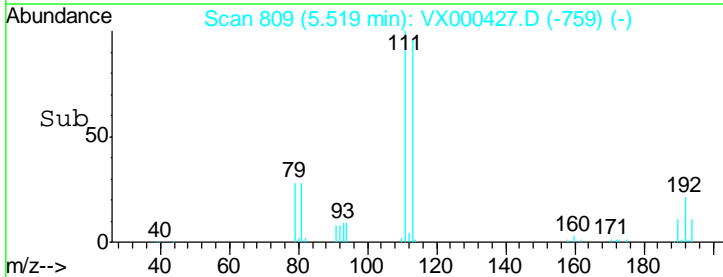
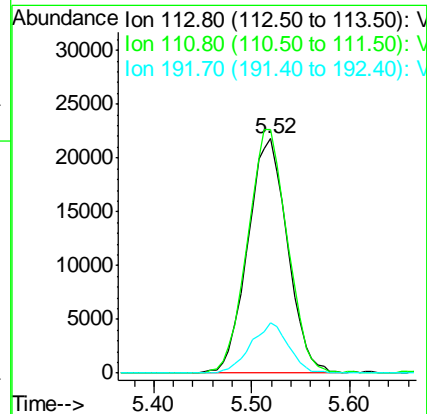
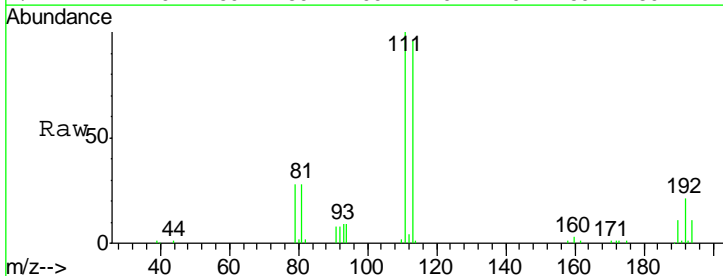
Instrument : MSVOA_X
 ClientSampled : AU-05-032218-B

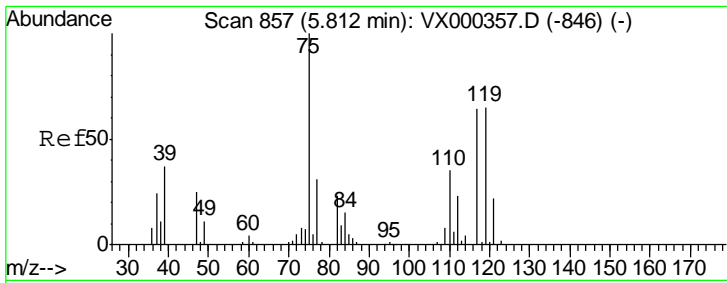
Tgt Ion	Resp	Lower	Upper
114	191107		
63	19.4	0.0	38.4
88	13.3	0.0	27.0



#35
 Dibromofluoromethane
 Concen: 51.03 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

Tgt Ion	Resp	Lower	Upper
113	61443		
111	104.1	82.4	123.6
192	20.4	15.8	23.6

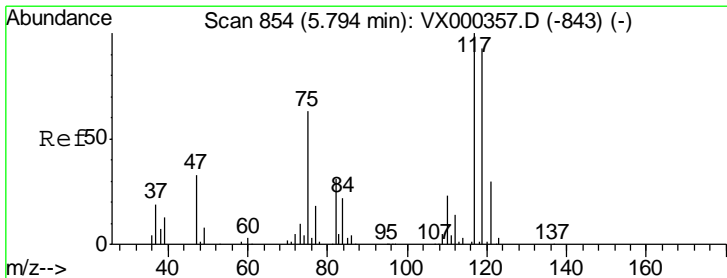
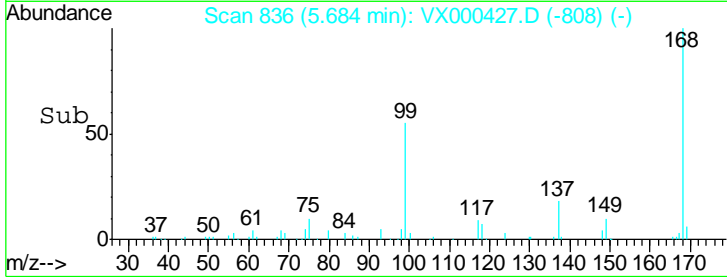
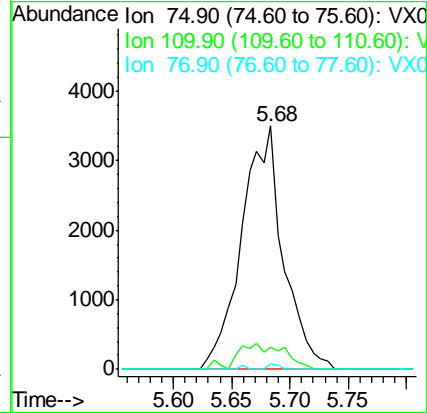
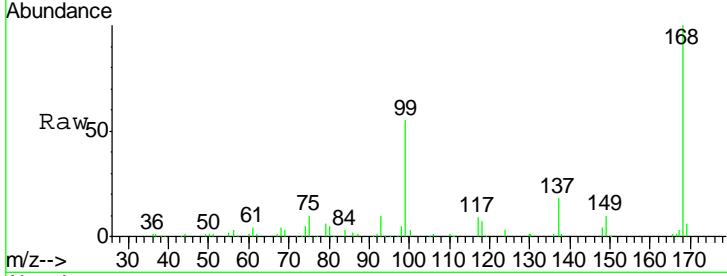




#36
 1,1-Dichloropropene
 Concen: 4.85 ug/l
 RT: 5.68 min Scan# 836
 Delta R.T. -0.13 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

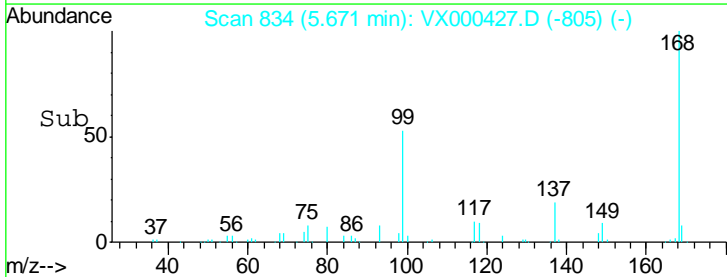
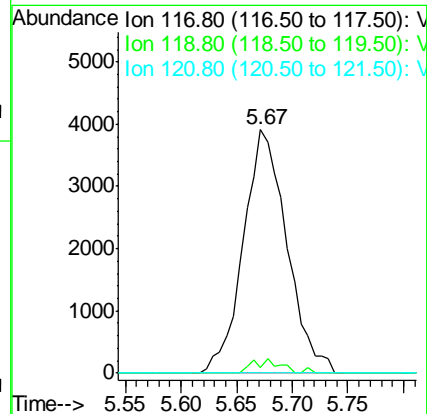
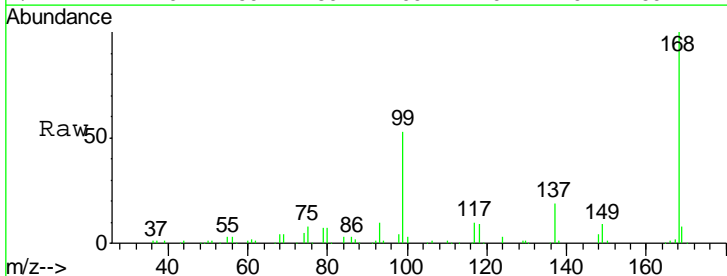
Instrument :
 MSVOA_X
 ClientSampled :
 AU-05-032218-B

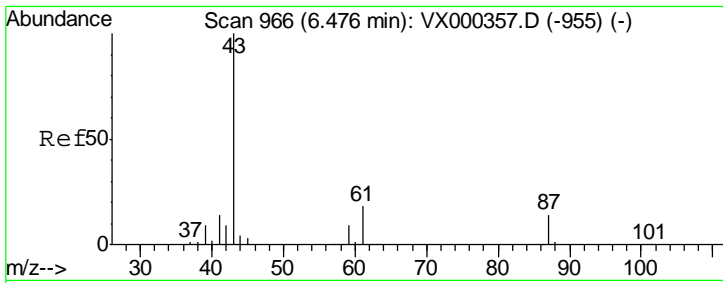
Tgt Ion	Resp	Lower	Upper
75	100		
110	6.1	17.9	53.7#
77	0.6	24.0	36.0#



#38
 Carbon Tetrachloride
 Concen: 5.66 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

Tgt Ion	Resp	Lower	Upper
117	100		
119	2.5	77.4	116.2#
121	0.0	24.8	37.2#

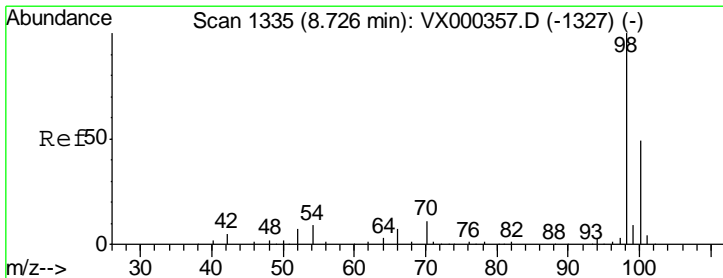
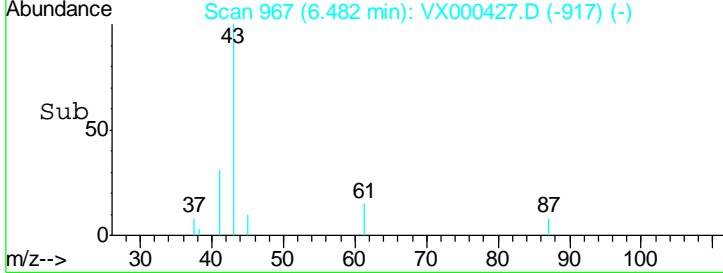
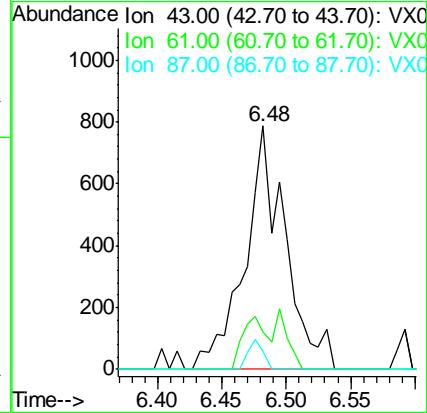
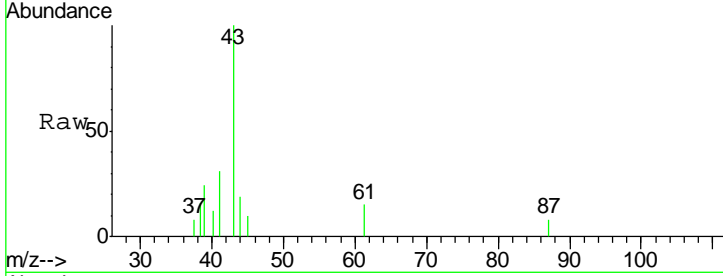




#43
 Isopropyl Acetate
 Concen: 0.47 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

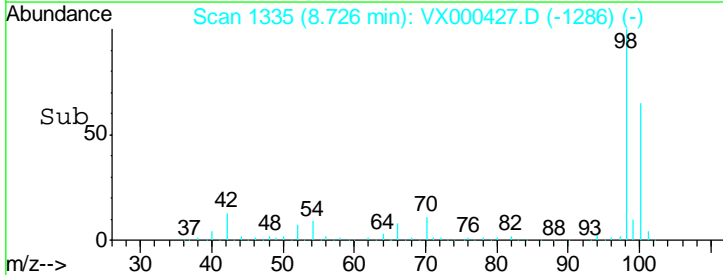
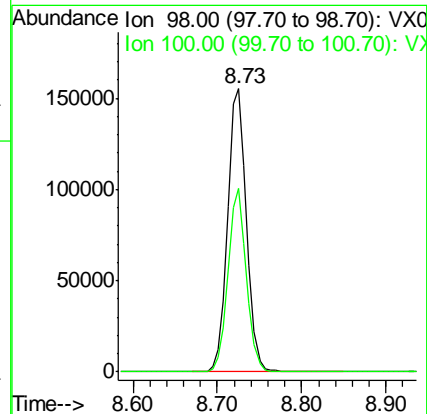
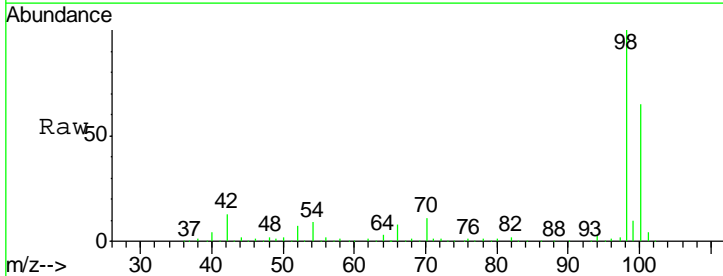
Instrument :
 MSVOA_X
 ClientSampled :
 AU-05-032218-B

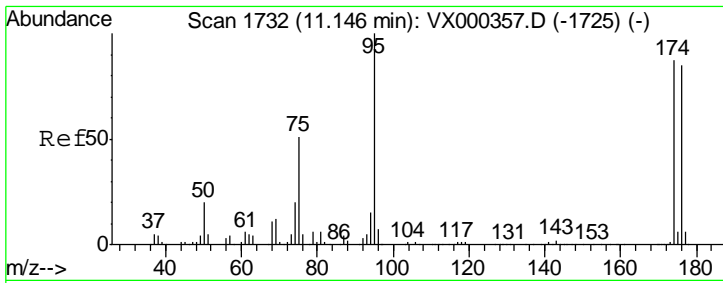
Tgt Ion	Resp	Lower	Upper
43	1712		
61	13.3	14.4	21.6#
87	4.5	11.0	16.4#



#50
 Toluene-d8
 Concen: 48.02 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

Tgt Ion	Resp	Lower	Upper
98	239493		
100	63.0	51.2	76.8

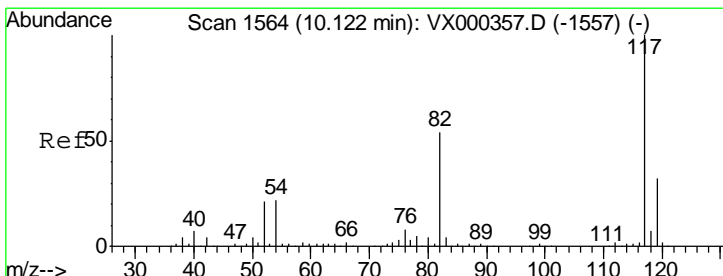
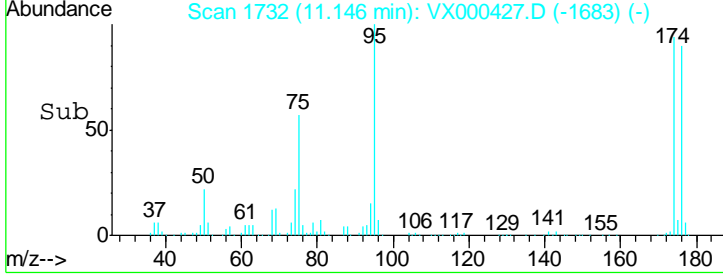
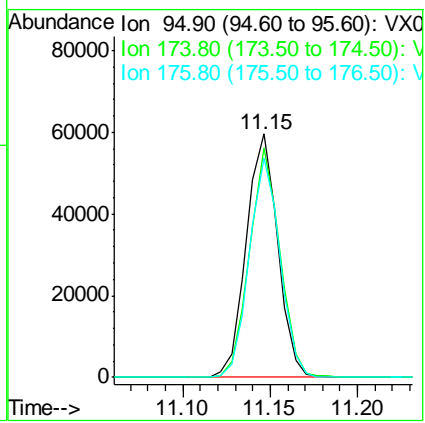
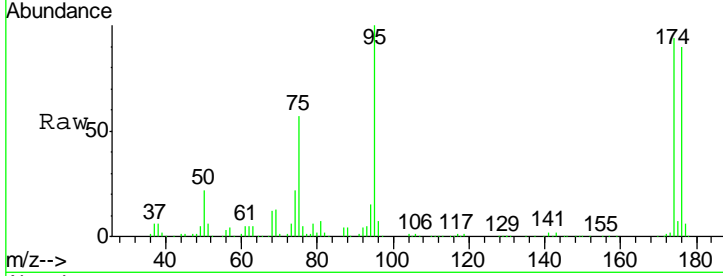




#62
 4-Bromofluorobenzene
 Concen: 37.19 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

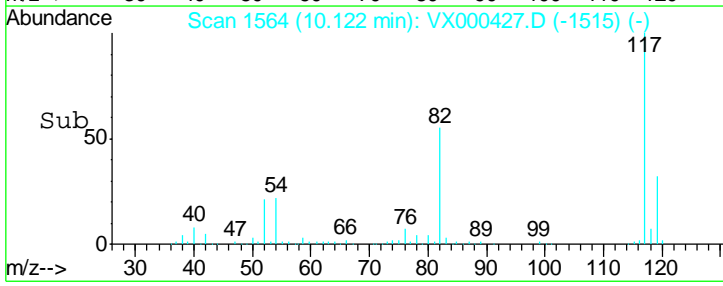
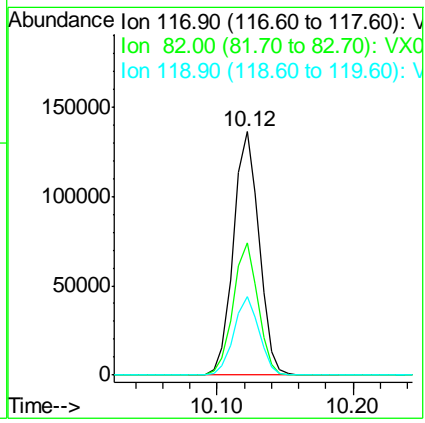
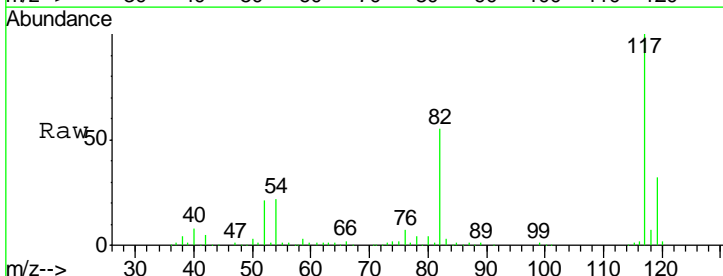
Instrument : MSVOA_X
 ClientSampled : AU-05-032218-B

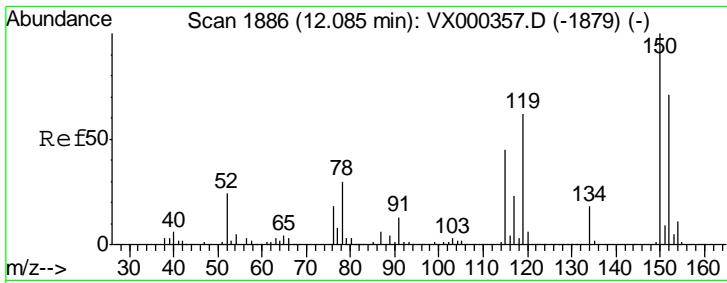
Tgt Ion	Resp	Lower	Upper
95	74565		
174	91.0	0.0	173.6
176	87.9	0.0	164.6



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

Tgt Ion	Resp	Lower	Upper
117	178301		
82	54.5	43.8	65.8
119	32.5	24.9	37.3

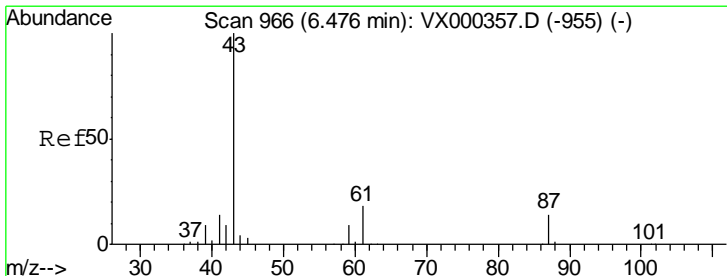
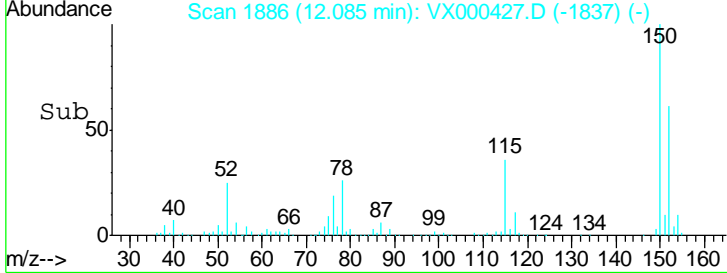
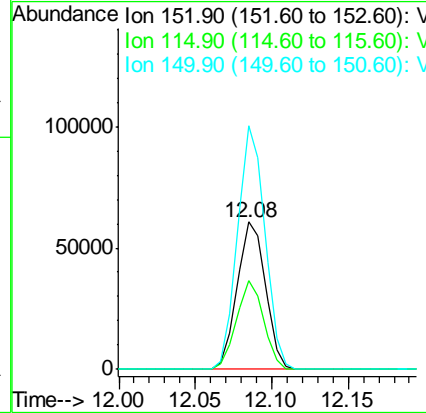
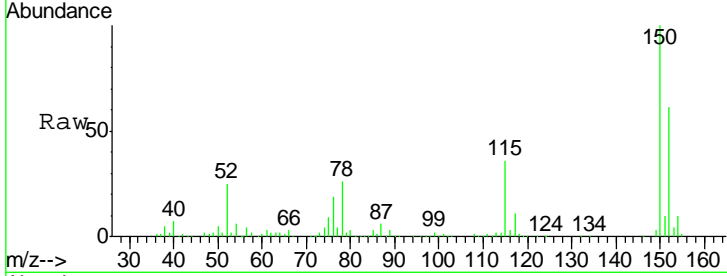




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

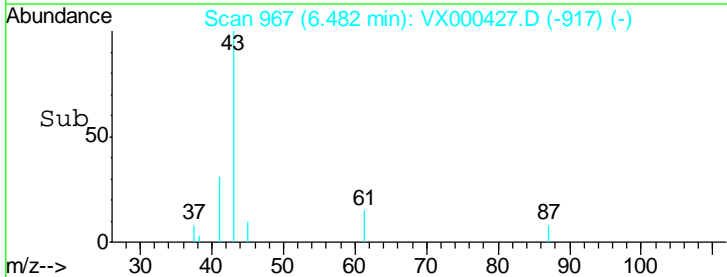
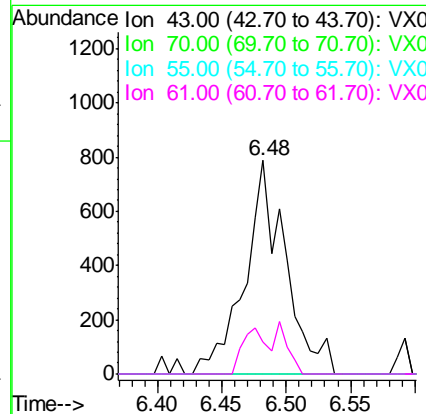
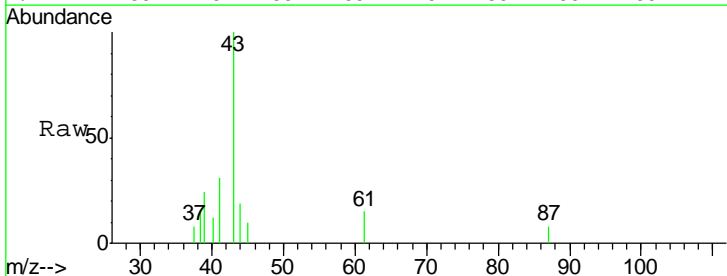
Instrument : MSVOA_X
 ClientSampled : AU-05-032218-B

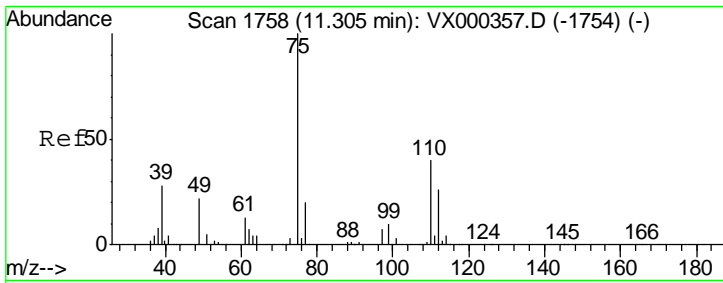
Tgt Ion	Resp	Lower	Upper
152	100		
115	57.6	39.8	119.3
150	160.0	0.0	344.4



#74
 N-amyl acetate
 Concen: Below Cal
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

Tgt Ion	Resp	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	13.3	14.4	21.6#

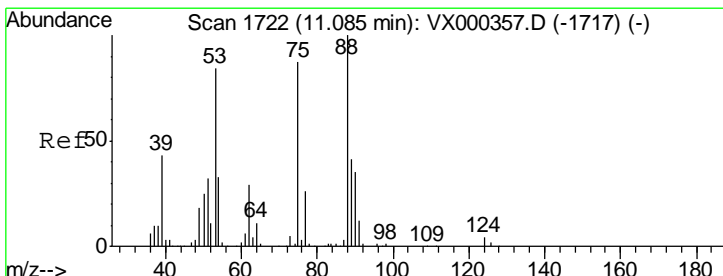
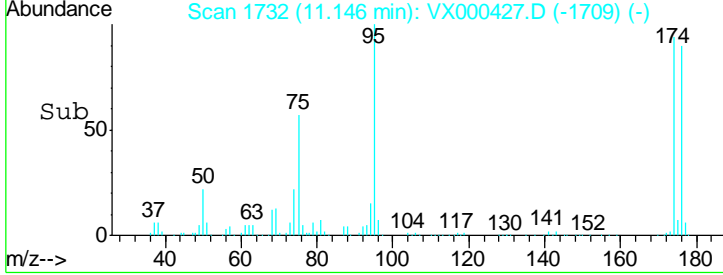
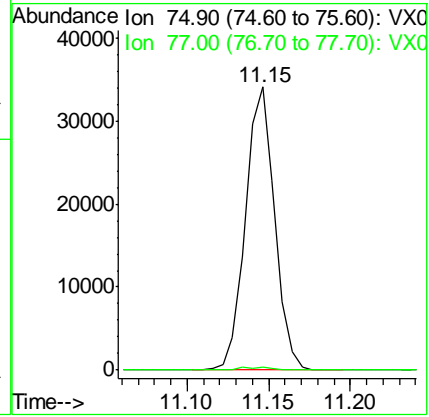
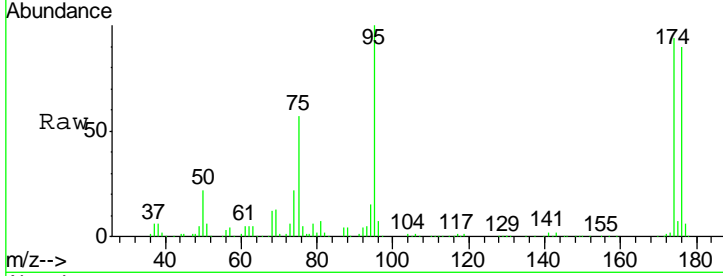




#76
 1,2,3-Trichloropropane
 Concen: 25.36 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.16 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

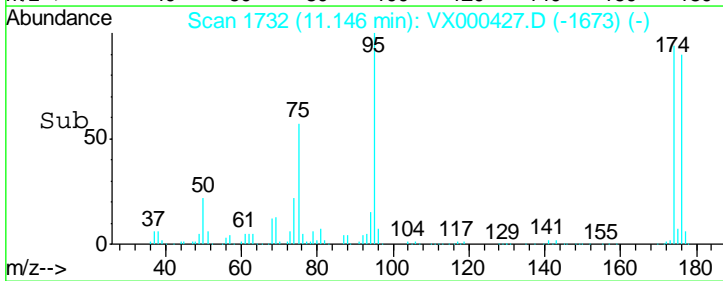
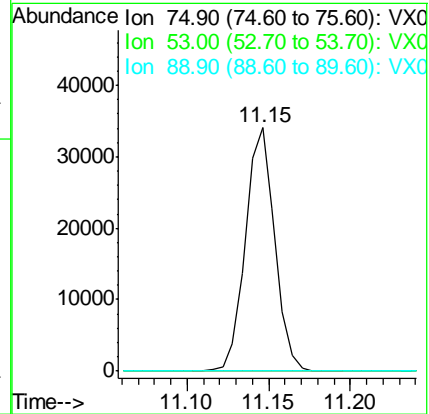
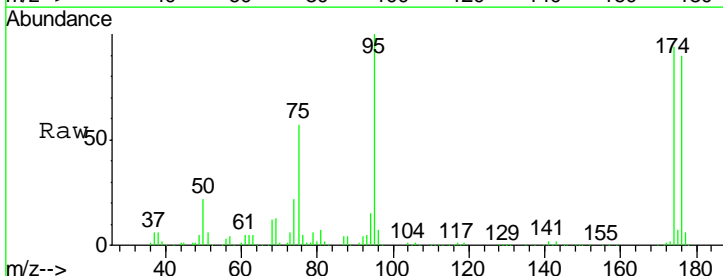
Instrument :
 MSVOA_X
 ClientSampled :
 AU-05-032218-B

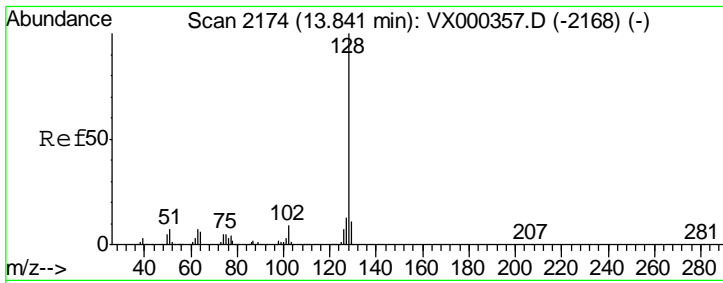
Tgt Ion: 75 Resp: 42436
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.4 64.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.11 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

Tgt Ion: 75 Resp: 42436
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.7 121.1#
 89 0.2 39.4 59.0#





#95
 Naphthalene
 Concen: 16.72 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX000427.D
 Acq: 23 Mar 2018 14:19

Instrument : MSVOA_X
 ClientSampled : AU-05-032218-B

Tgt Ion	Resp	Lower	Upper
128	106394		
127	13.2	10.6	15.8
129	10.7	8.9	13.3

