

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
 Data File : VX001003.D
 Acq On : 20 Apr 2018 12:54
 Operator : JC/MD
 Sample : VX0420MBL01
 Misc : 5.00µ/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 05:31:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255863	50.00	µg/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358434	50.00	µg/l	0.00
63) Chlorobenzene-d5	10.12	117	331772	50.00	µg/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	212553	50.00	µg/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	163879	50.53	µg/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	5.51	113	128273	46.93	µg/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
50) Toluene-d8	8.72	98	500364	49.51	µg/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.14	95	192056	45.28	µg/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	

Target Compounds

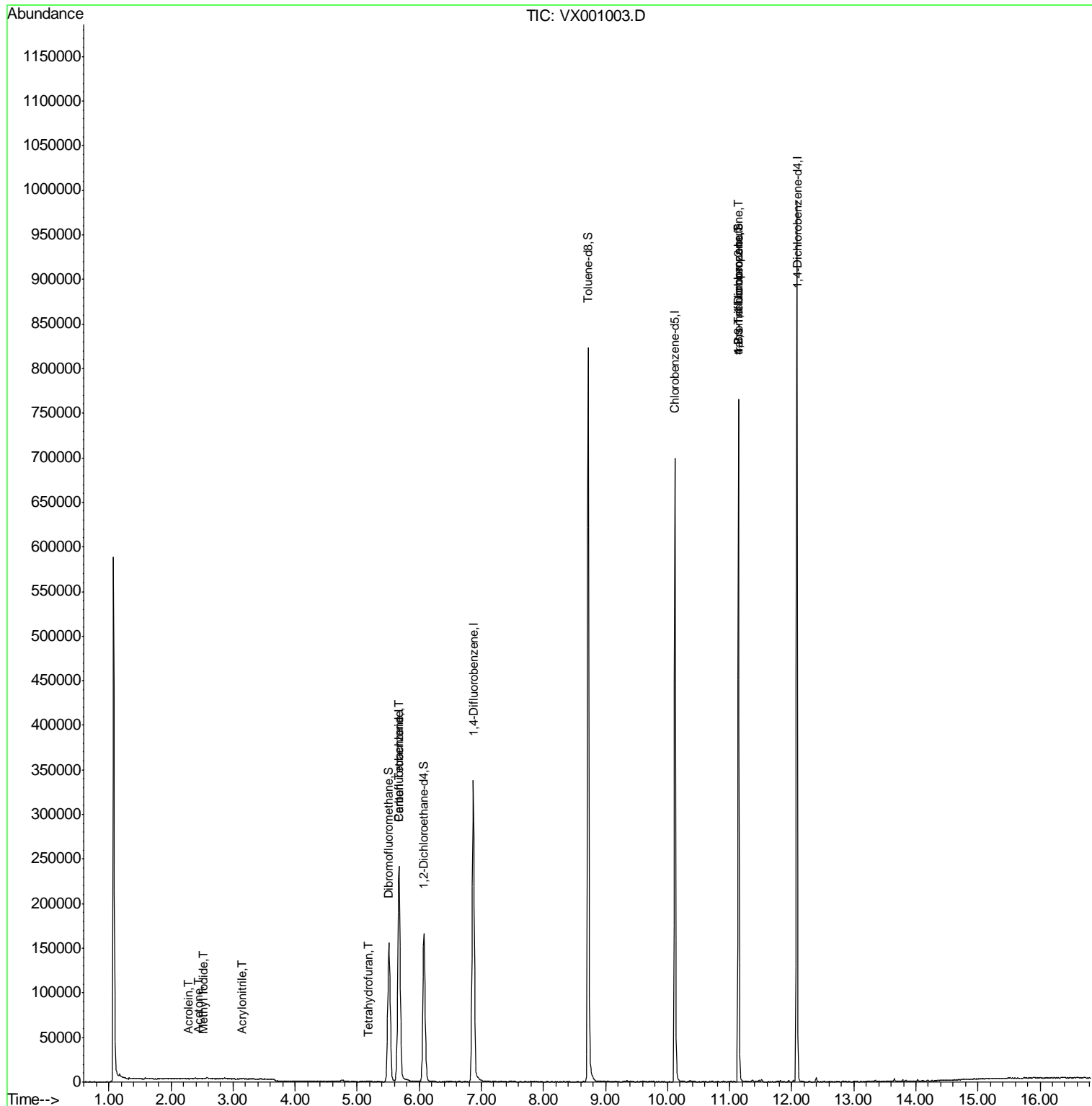
					Qvalue	
5) Bromomethane	1.65	94	214	Below Cal	#	68
10) Methyl Iodide	2.51	142	66	7.62	µg/l #	68
13) Acrolein	2.28	56	155	11.91	µg/l #	14
15) Acrylonitrile	3.14	53	328	0.25	µg/l #	71
16) Acetone	2.45	43	423	0.35	µg/l #	76
20) Methylene Chloride	2.86	84	367	Below Cal	#	69
29) Tetrahydrofuran	5.18	42	414	0.34	µg/l #	34
38) Carbon Tetrachloride	5.67	117	22135	5.19	µg/l #	16
76) 1,2,3-Trichloropropane	11.14	75	98088	26.60	µg/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	98088	79.57	µg/l #	8

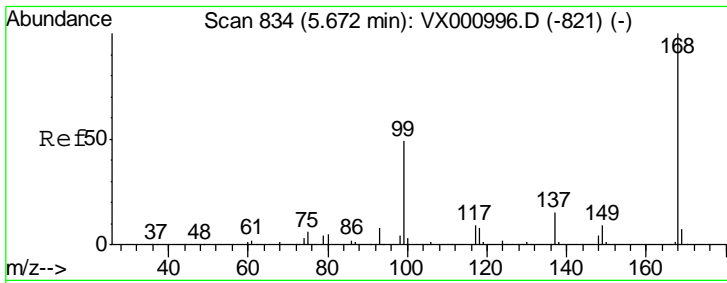
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
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 Sample : VX0420MBL01
 Misc : 5.00µ/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampled :

Quant Time: Apr 21 05:31:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

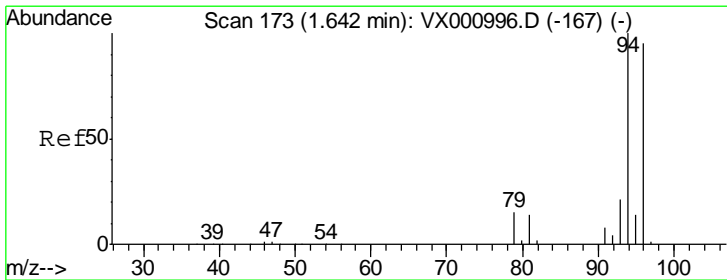
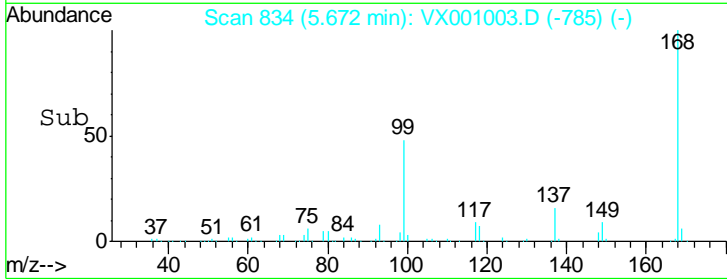
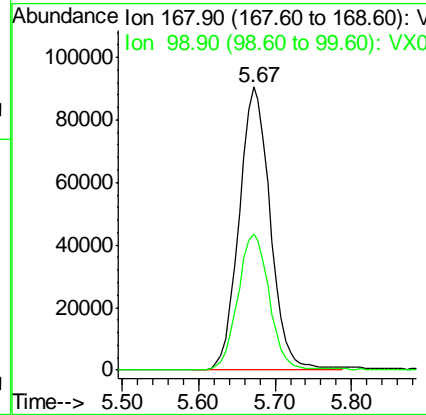
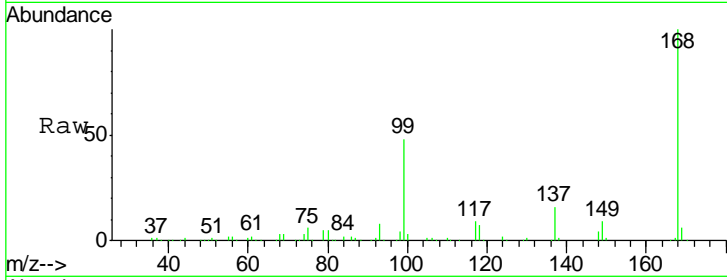




#1
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: VX001003.D
 Acq: 20 Apr 2018 12:54

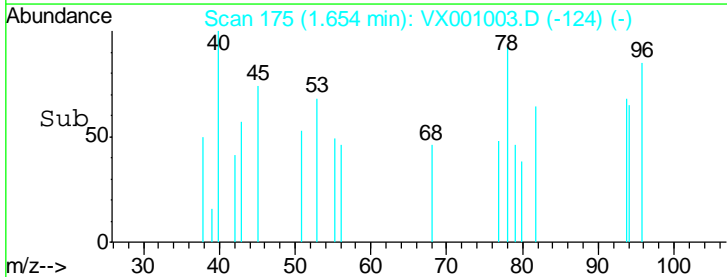
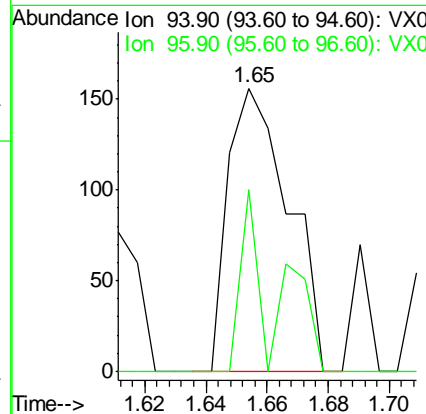
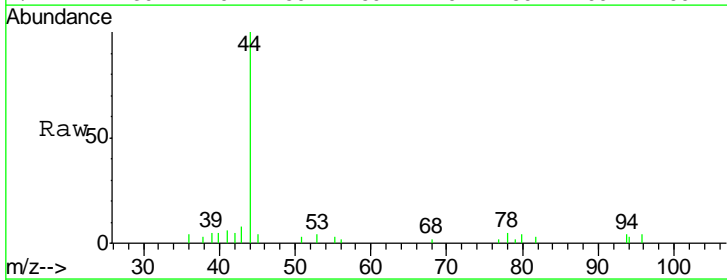
Instrument :
 MSVOA_X
 ClientSampled :

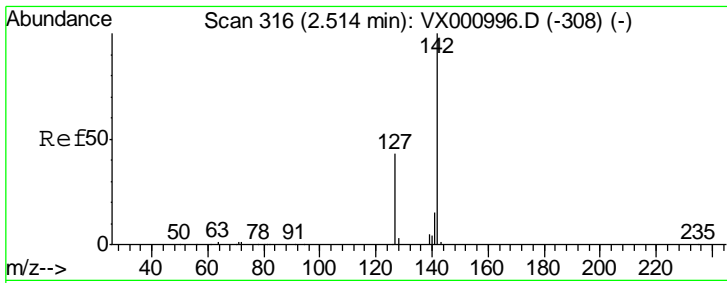
Tot Ion: 168 Resp: 255863
 Ion Ratio Lower Upper
 168 100
 99 48.2 39.2 58.8



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.65 min Scan# 175
 Delta R.T. 0.01 min
 Lab File: VX001003.D
 Acq: 20 Apr 2018 12:54

Tgt Ion: 94 Resp: 214
 Ion Ratio Lower Upper
 94 100
 96 64.1 76.0 114.0#

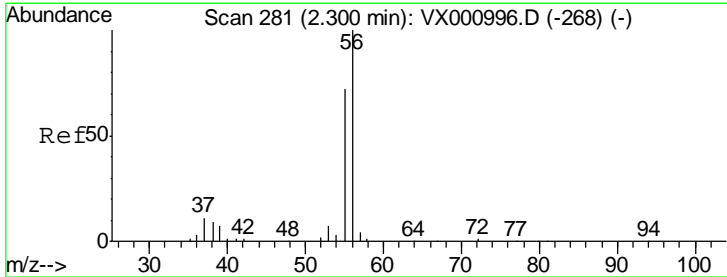
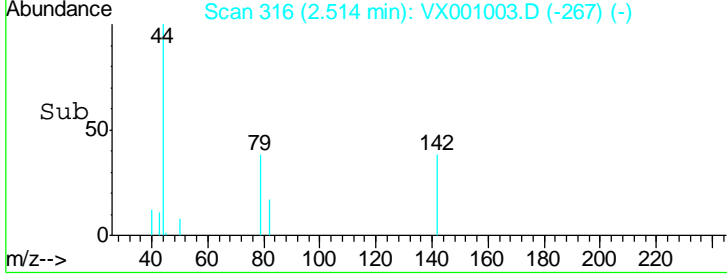
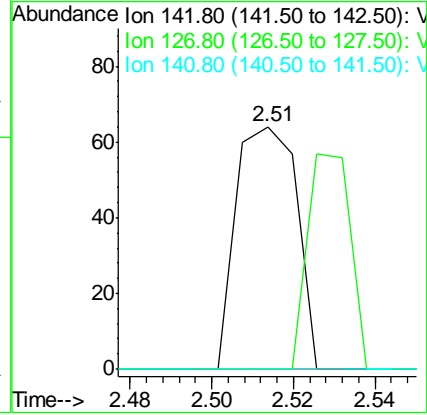
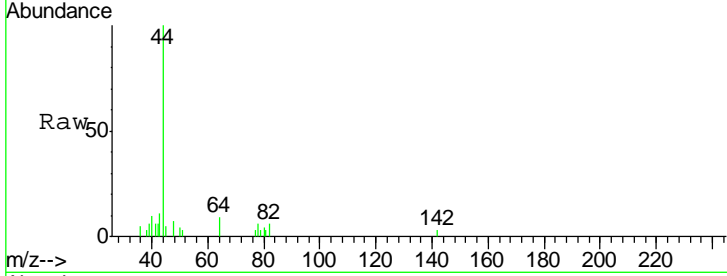




#10
Methyl Iodide
Concen: 7.62 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX001003.D
Acq: 20 Apr 2018 12:54

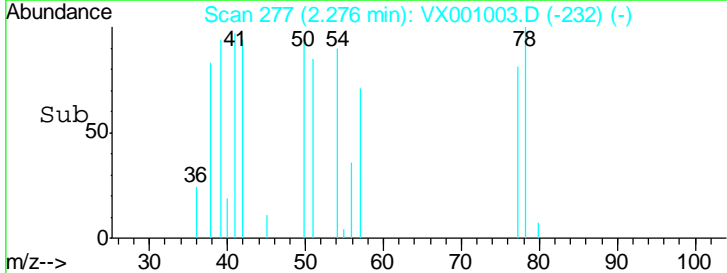
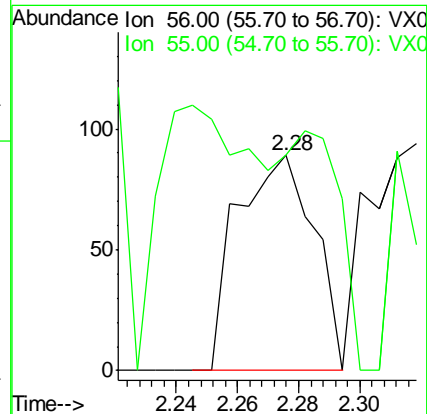
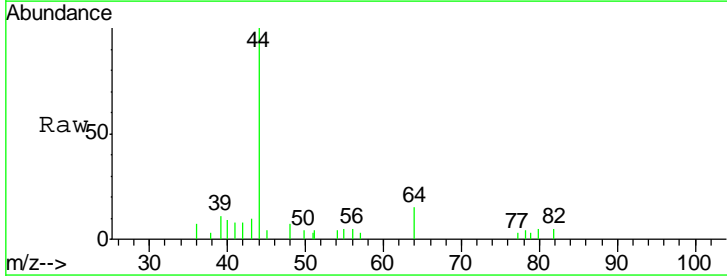
Instrument :
MSVOA_X
ClientSampled :

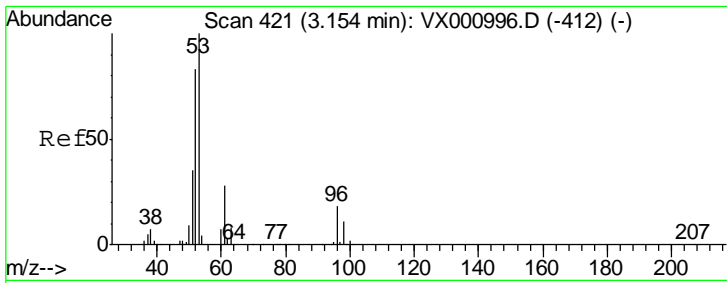
Tgt Ion	Resp	Lower	Upper
142	100		
127	62.1	34.0	51.0#
141	0.0	11.4	17.2#



#13
Acrolein
Concen: 11.91 ug/l
RT: 2.28 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX001003.D
Acq: 20 Apr 2018 12:54

Tgt Ion	Resp	Lower	Upper
56	100		
55	0.0	57.4	86.2#

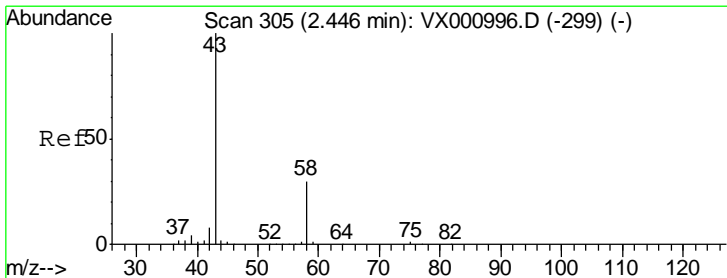
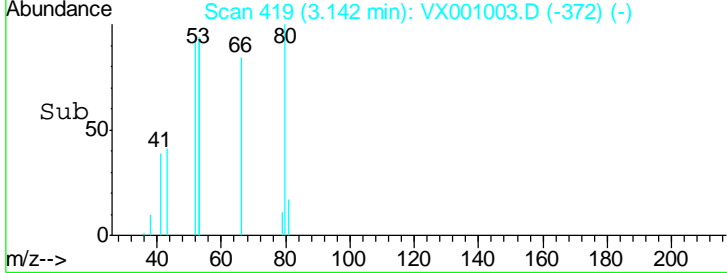
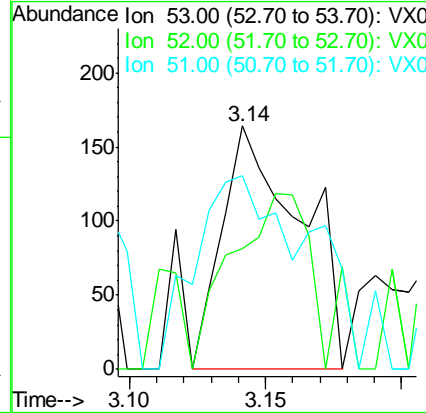
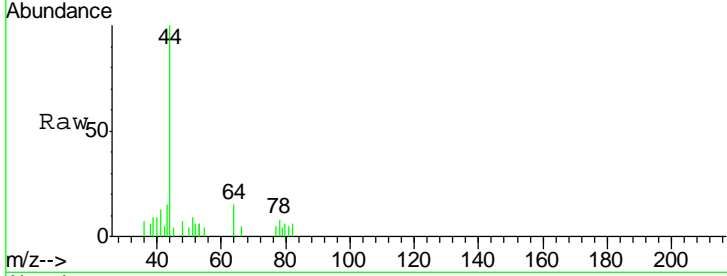




#15
 Acrylonitrile
 Concen: 0.25 ug/l
 RT: 3.14 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: VX001003.D
 Acq: 20 Apr 2018 12:54

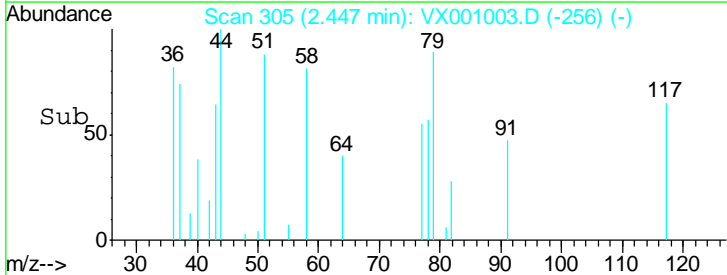
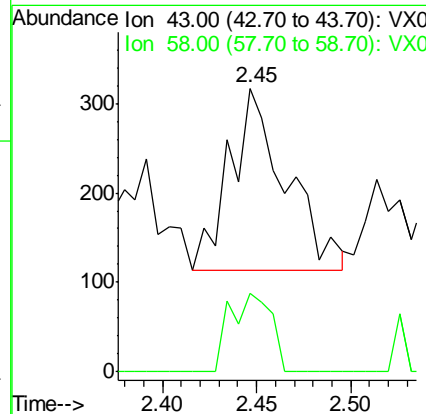
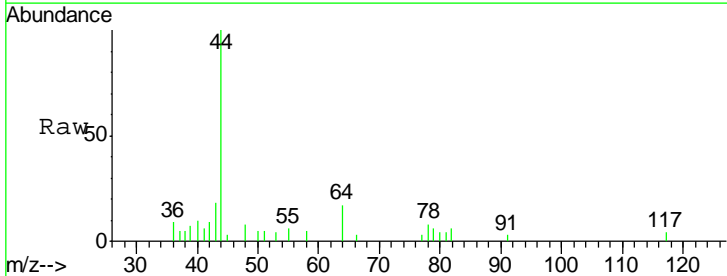
Instrument :
 MSVOA_X
 ClientSampled :

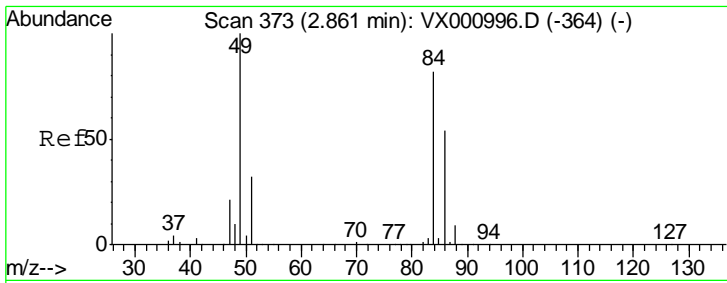
Tgt Ion	Resp	Lower	Upper
53	100		
52	77.7	66.4	99.6
51	85.4	29.0	43.6



#16
 Acetone
 Concen: 0.35 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: VX001003.D
 Acq: 20 Apr 2018 12:54

Tgt Ion	Resp	Lower	Upper
43	100		
58	42.6	23.7	35.5

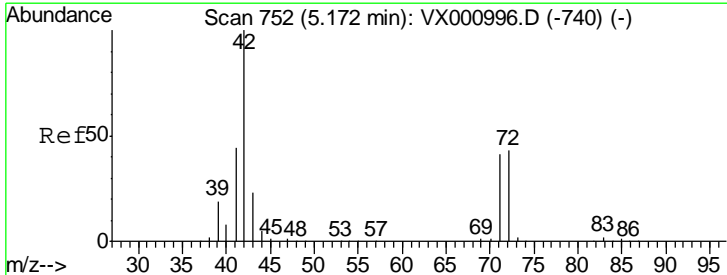
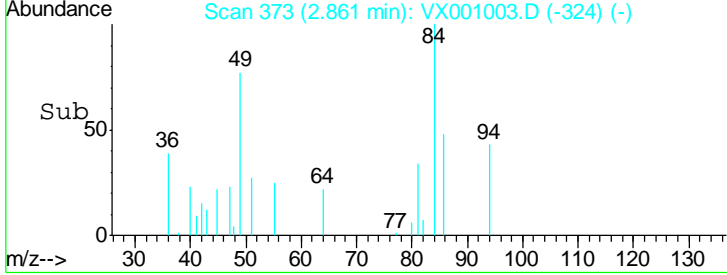
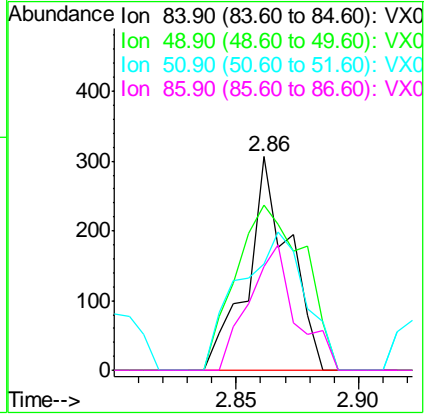
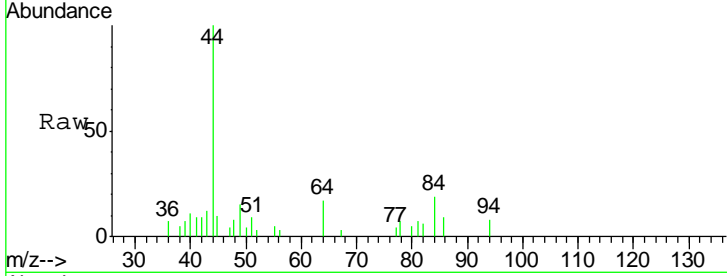




#20
 Methylene Chloride
 Concen: Below Cal
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX001003.D
 Acq: 20 Apr 2018 12:54

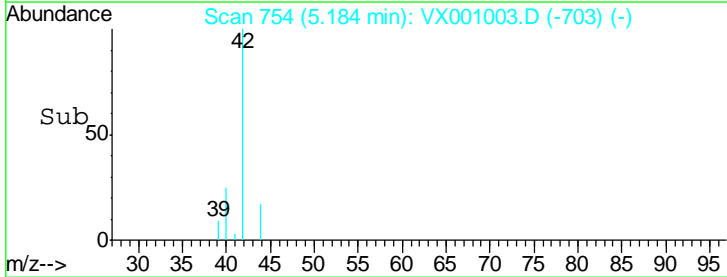
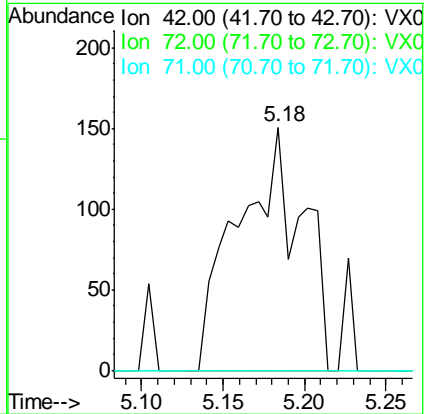
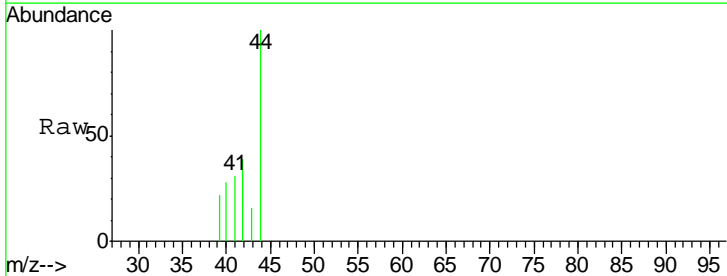
Instrument :
 MSVOA_X
 ClientSampled :

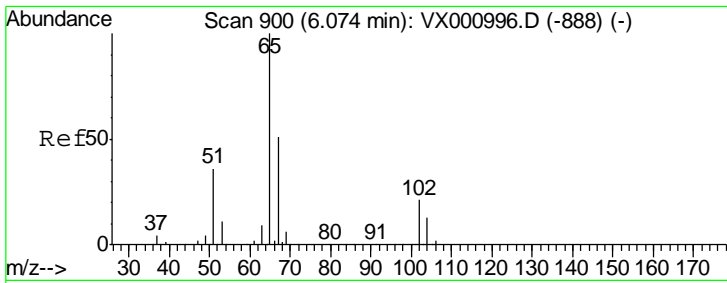
Tgt Ion	Resp	Lower	Upper
84	100		
49	77.5	97.1	145.7#
51	49.7	30.8	46.2#
86	48.4	52.3	78.5#



#29
 Tetrahydrofuran
 Concen: 0.34 ug/l
 RT: 5.18 min Scan# 754
 Delta R.T. 0.01 min
 Lab File: VX001003.D
 Acq: 20 Apr 2018 12:54

Tgt Ion	Resp	Lower	Upper
42	100		
72	0.0	34.6	52.0#
71	0.0	32.6	49.0#

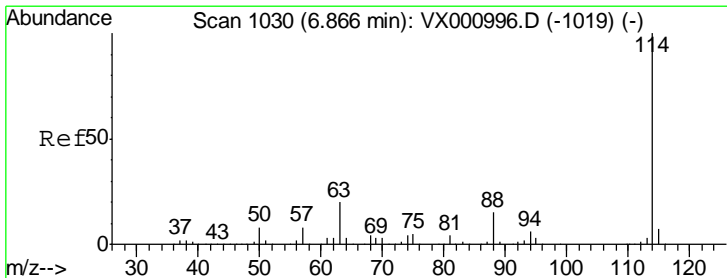
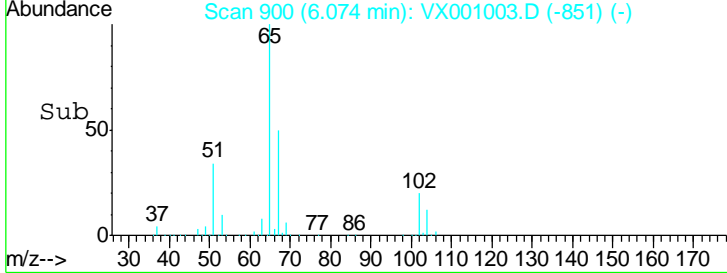
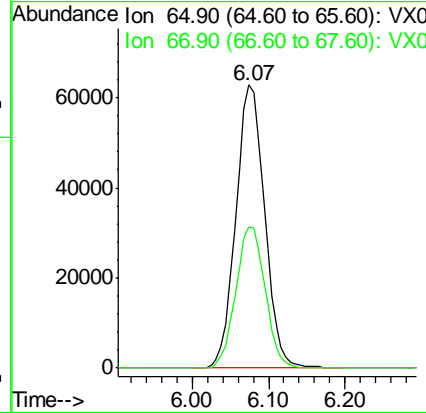
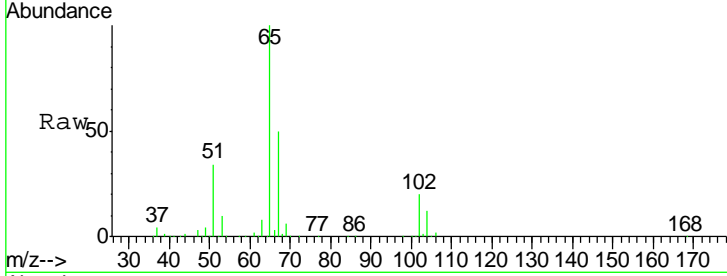




#33
 1,2-Dichloroethane-d4
 Concen: 50.53 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001003.D
 Acq: 20 Apr 2018 12:54

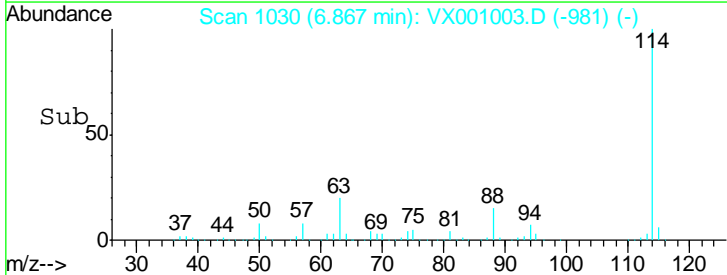
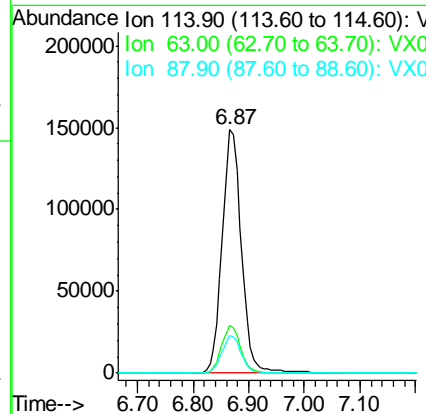
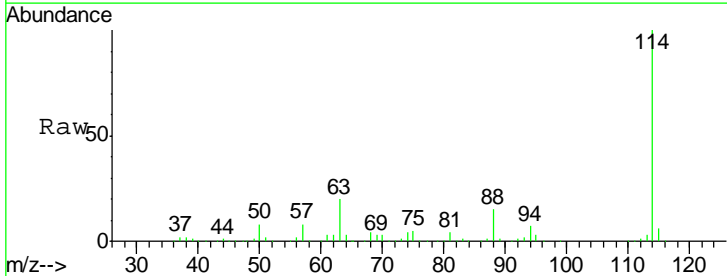
Instrument :
 MSVOA_X
 ClientSampled :

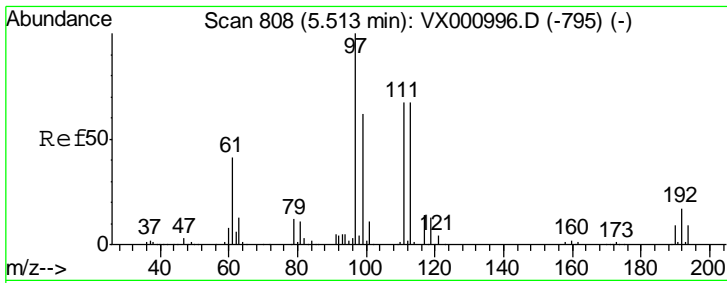
Tgt Ion	Resp	Lower	Upper
65	163879		
67	51.0	0.0	102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001003.D
 Acq: 20 Apr 2018 12:54

Tgt Ion	Resp	Lower	Upper
114	358434		
63	19.6	0.0	39.4
88	15.3	0.0	29.8

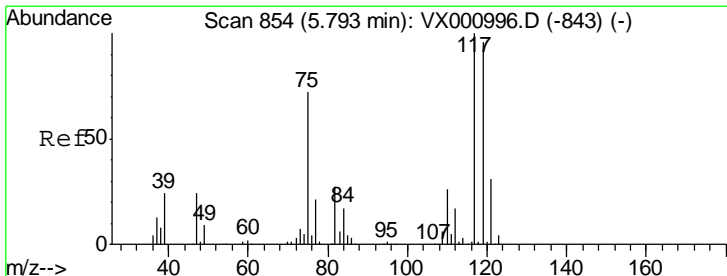
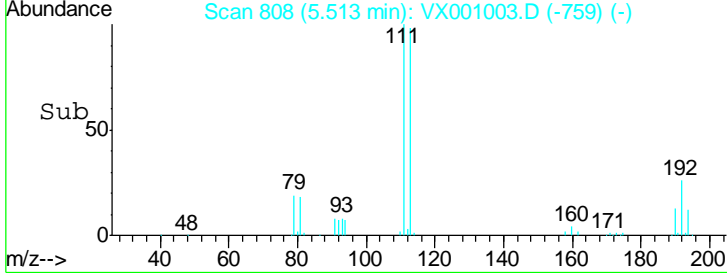
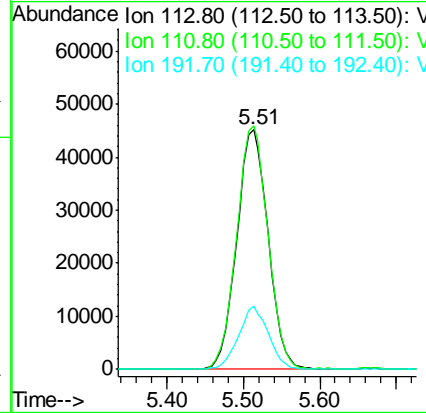
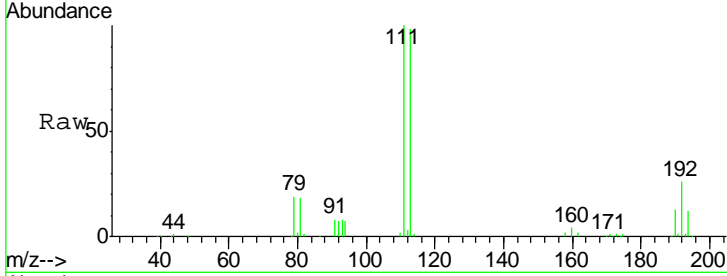




#35
 Dibromofluoromethane
 Concen: 46.93 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001003.D
 Acq: 20 Apr 2018 12:54

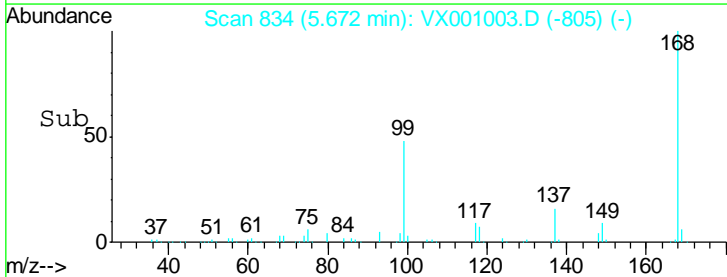
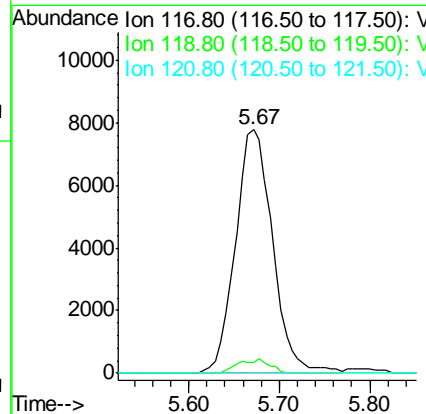
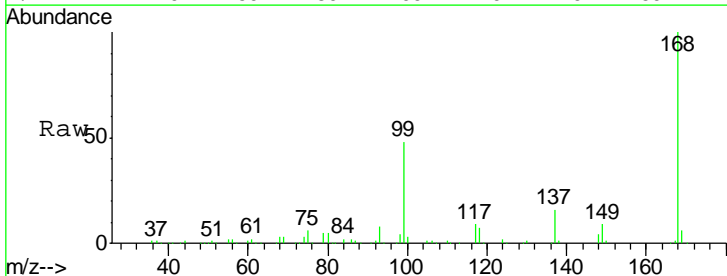
Instrument :
 MSVOA_X
 ClientSampled :

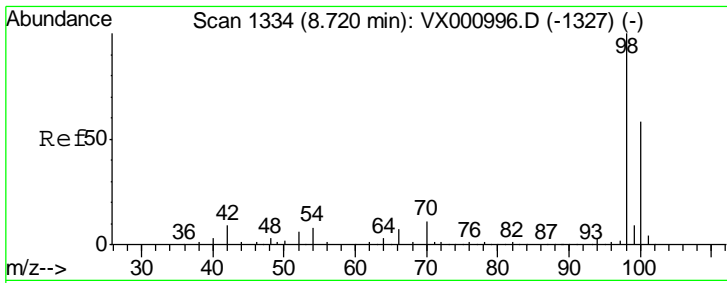
Tgt Ion	Resp	Lower	Upper
113	128273		
111	101.6	81.4	122.2
192	25.2	20.4	30.6



#38
 Carbon Tetrachloride
 Concen: 5.19 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001003.D
 Acq: 20 Apr 2018 12:54

Tgt Ion	Resp	Lower	Upper
117	22135		
119	4.3	76.5	114.7#
121	0.0	24.5	36.7#

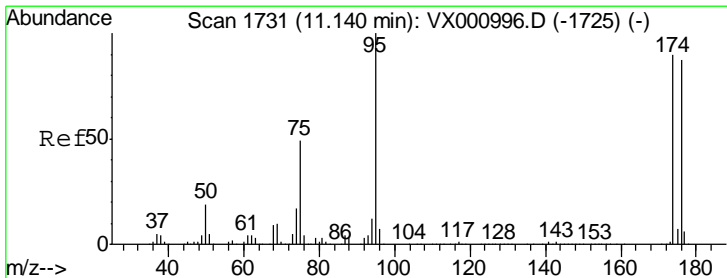
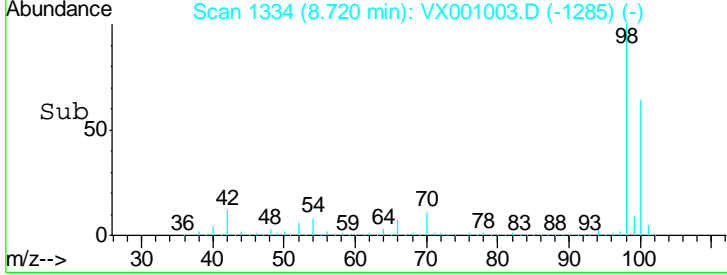
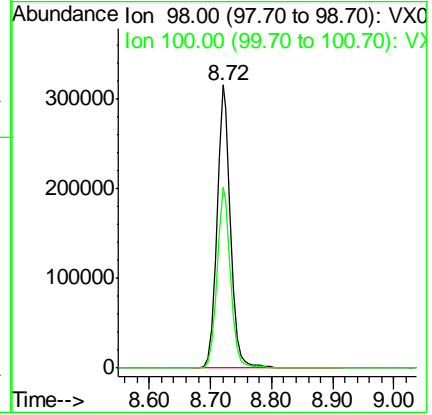
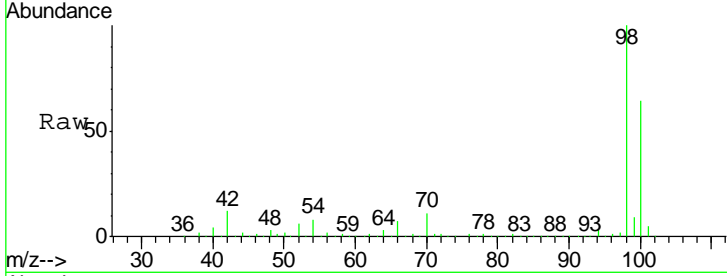




#50
 Toluene-d8
 Concen: 49.51 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001003.D
 Acq: 20 Apr 2018 12:54

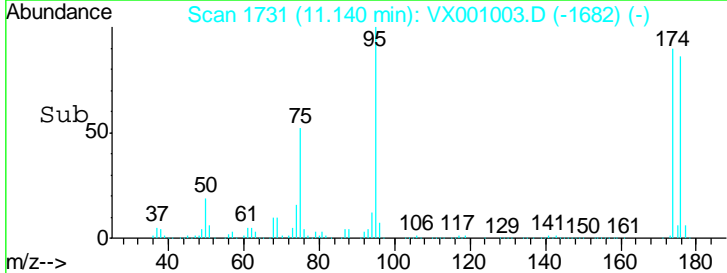
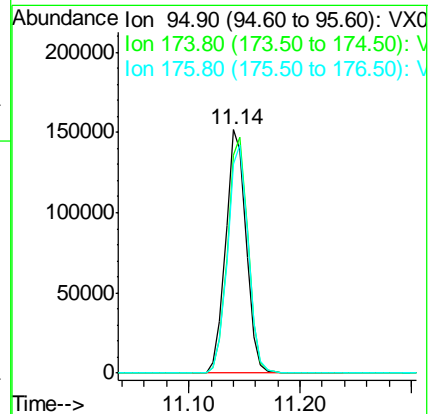
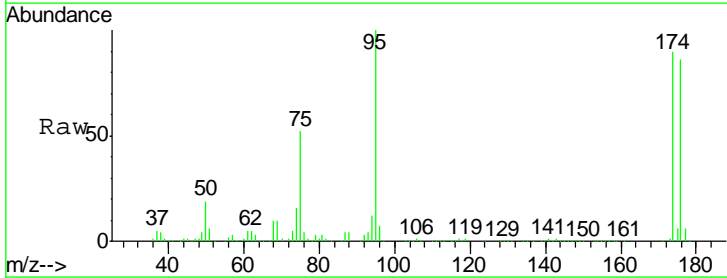
Instrument :
 MSVOA_X
 ClientSampled :

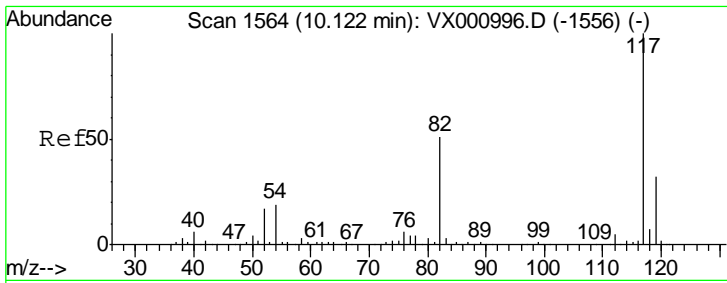
Tgt Ion: 98 Resp: 500364
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.9 77.9



#62
 4-Bromofluorobenzene
 Concen: 45.28 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001003.D
 Acq: 20 Apr 2018 12:54

Tgt Ion: 95 Resp: 192056
 Ion Ratio Lower Upper
 95 100
 174 97.5 0.0 198.4
 176 94.7 0.0 192.0

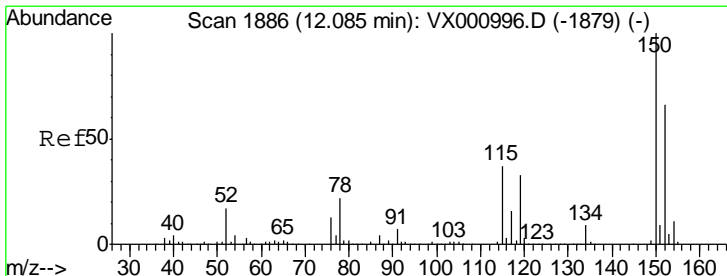
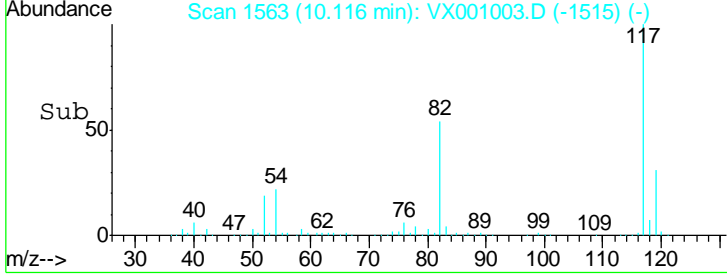
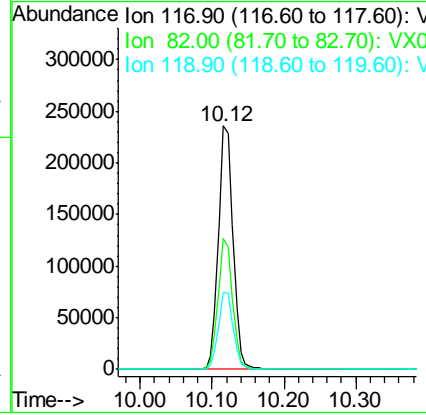
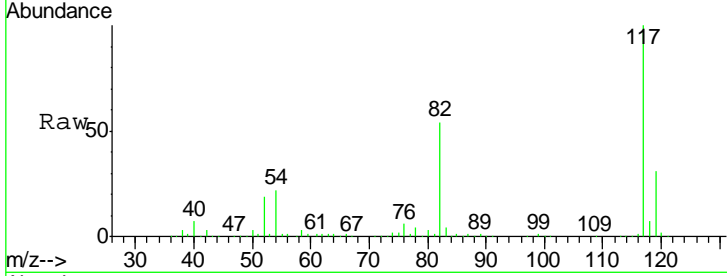




#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: VX001003.D
 Acq: 20 Apr 2018 12:54

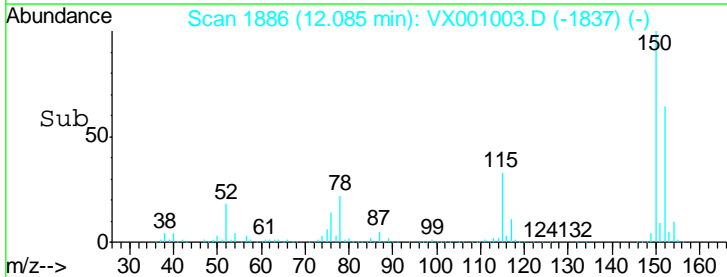
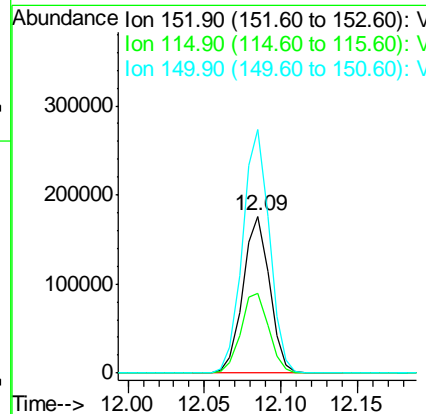
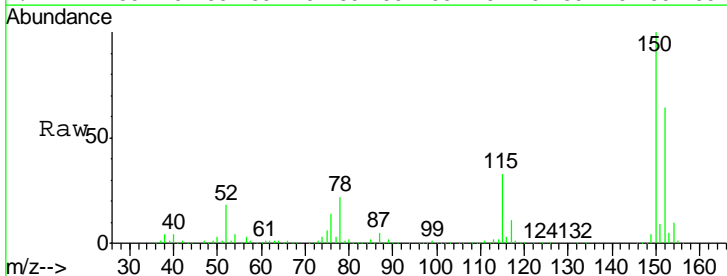
Instrument : MSVOA_X
 ClientSampled :

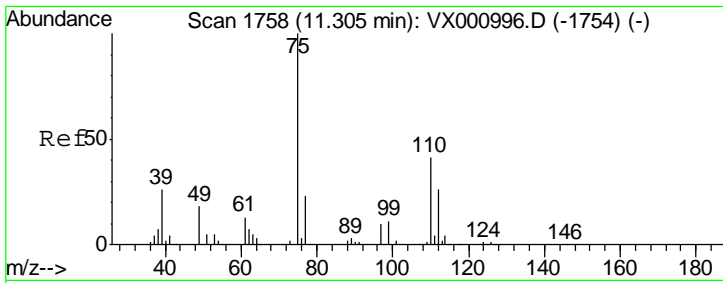
Tgt Ion	Resp	Lower	Upper
117	331772		
82	53.7	40.6	60.8
119	31.5	26.0	39.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX001003.D
 Acq: 20 Apr 2018 12:54

Tgt Ion	Resp	Lower	Upper
152	212553		
115	53.3	38.2	114.6
150	156.3	0.0	350.4

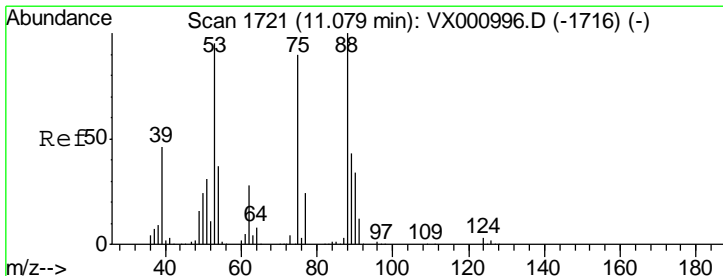
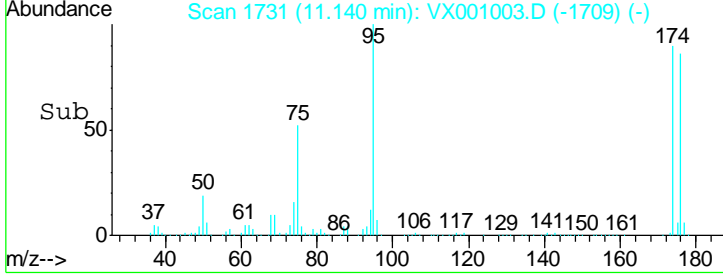
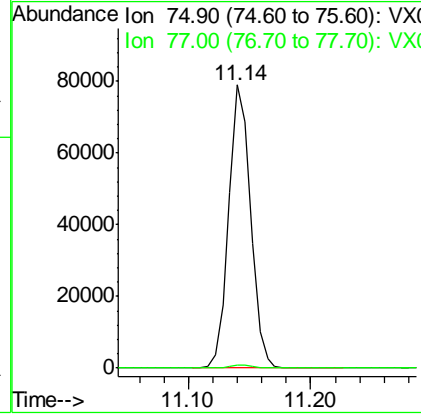
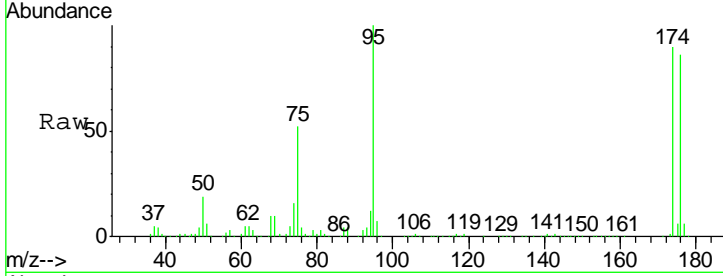




#76
 1,2,3-Trichloropropane
 Concen: 26.60 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001003.D
 Acq: 20 Apr 2018 12:54

Instrument :
 MSVOA_X
 ClientSampled :

Tgt Ion: 75 Resp: 98088
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.57 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001003.D
 Acq: 20 Apr 2018 12:54

Tgt Ion: 75 Resp: 98088
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 39.7 59.5#

