

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071918\
 Data File : VX003477.D
 Acq On : 19 Jul 2018 21:54
 Operator : JC/SP
 Sample : J3965-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF1-TB-2018-1

Quant Time: Jul 20 04:02:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	428530	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	396195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216719	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	176178	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
35) Dibromofluoromethane	5.51	113	159644	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	8.72	98	605357	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.14	95	204776	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	

Target Compounds

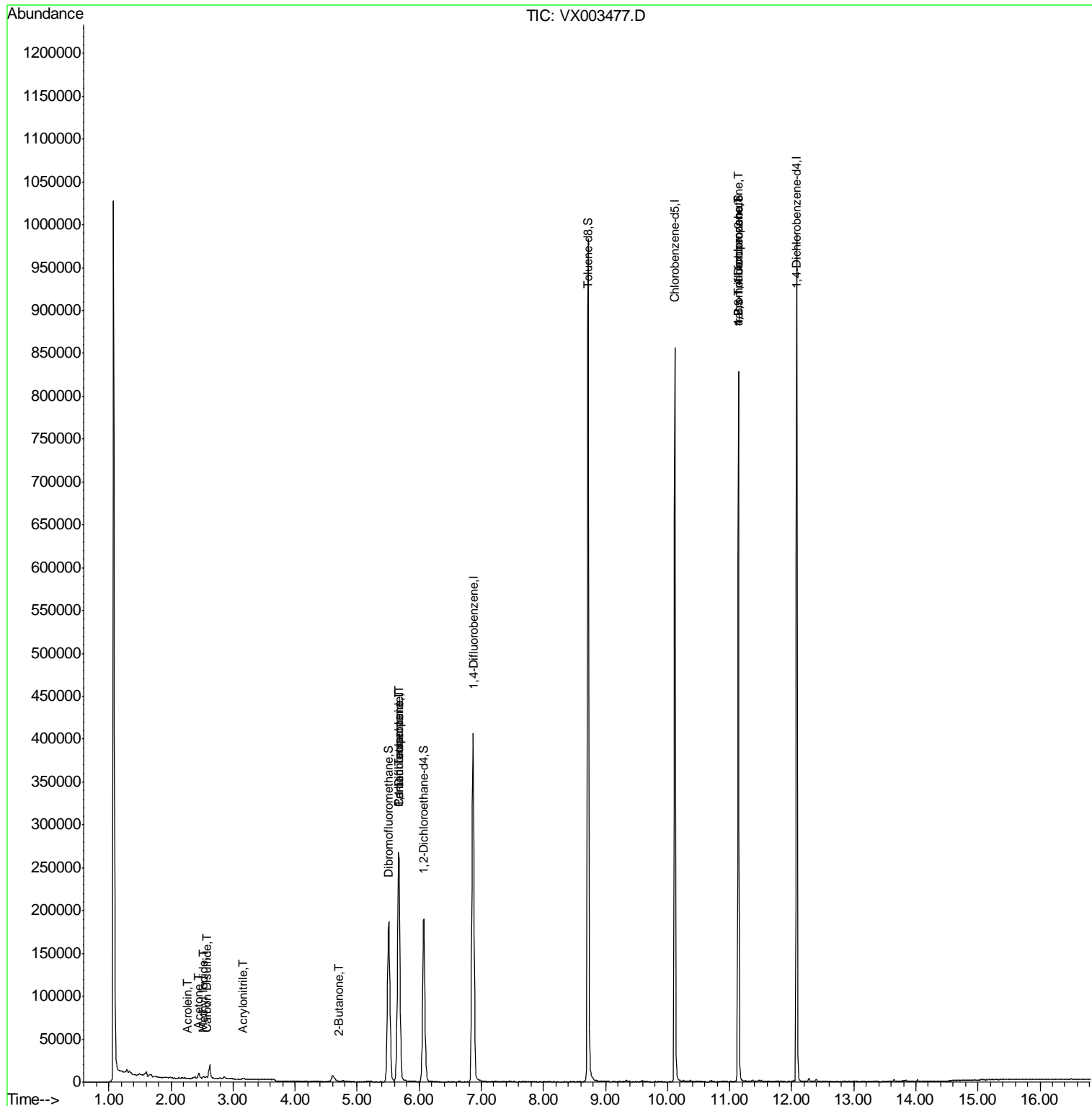
						Qvalue
2) Dichlorodifluoromethane	1.20	85	198	Below Cal	#	43
3) Chloromethane	1.32	50	1098	Below Cal		92
5) Bromomethane	1.65	94	2576	Below Cal		87
10) Methyl Iodide	2.53	142	2909	0.76	ug/l	95
13) Acrolein	2.28	56	80	0.26	ug/l #	58
15) Acrylonitrile	3.15	53	506	0.30	ug/l #	79
16) Acetone	2.45	43	5911	4.61	ug/l #	77
17) Carbon Disulfide	2.57	76	2043	0.26	ug/l #	88
20) Methylene Chloride	2.86	84	758	Below Cal	#	94
25) 2-Butanone	4.71	43	567	0.26	ug/l #	82
36) 1,1-Dichloropropene	5.67	75	17768	3.84	ug/l #	50
38) Carbon Tetrachloride	5.67	117	24503	5.40	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	97352	25.00	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	97352	70.02	ug/l #	7

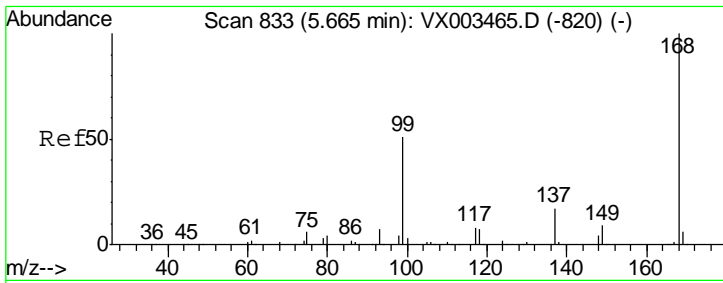
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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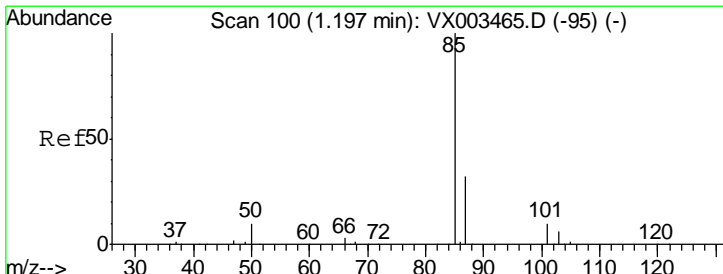
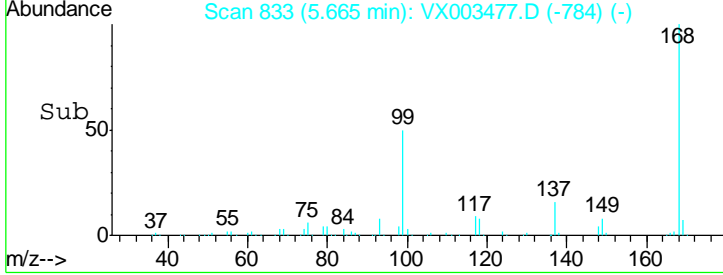
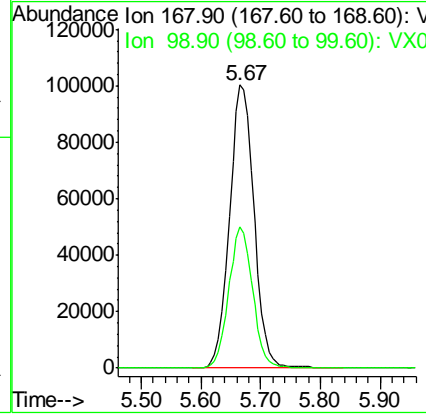
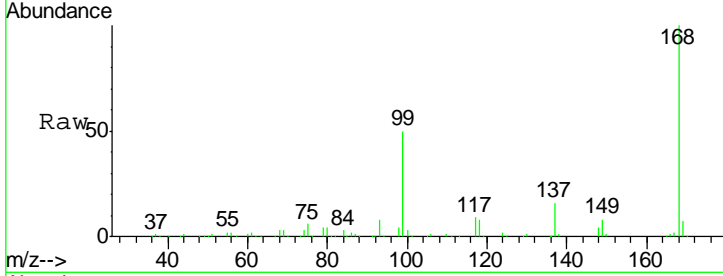


#1
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: VX003477.D
 Acq: 19 Jul 2018 21:54

Instrument : MSVOA_X
 ClientSampled : LF1-TB-2018-1

Tot Ion: 168 Resp: 286812

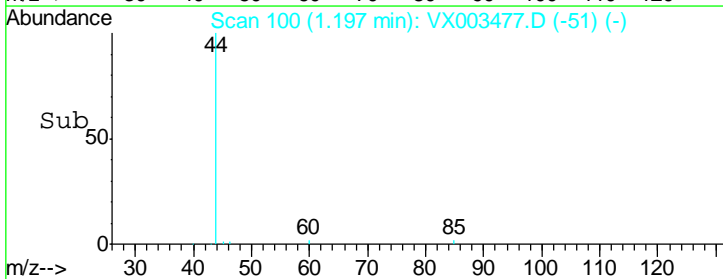
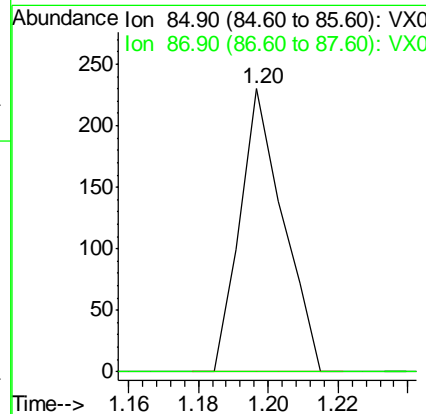
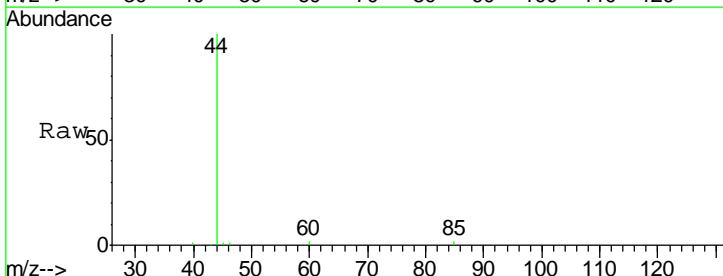
Ion	Ratio	Lower	Upper
168	100		
99	49.7	39.3	58.9

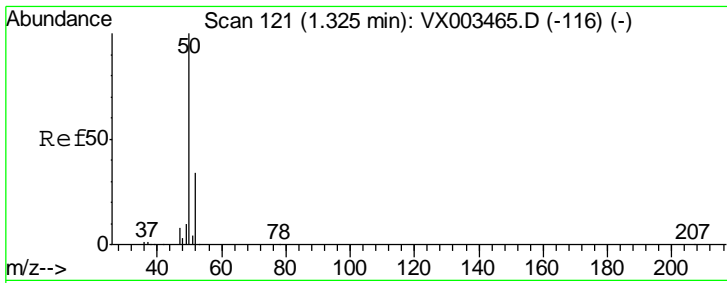


#2
 Dichlorodifluoromethane
 Concen: Below Cal
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX003477.D
 Acq: 19 Jul 2018 21:54

Tgt Ion: 85 Resp: 198

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#

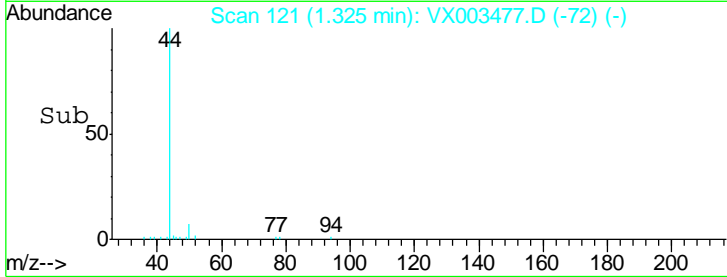
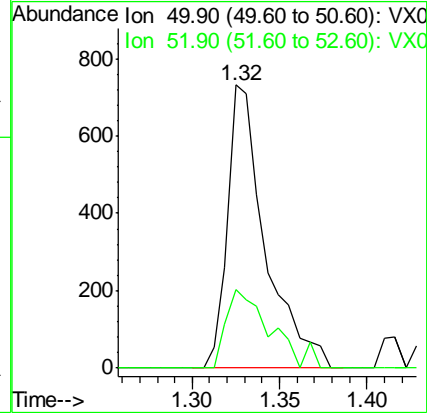
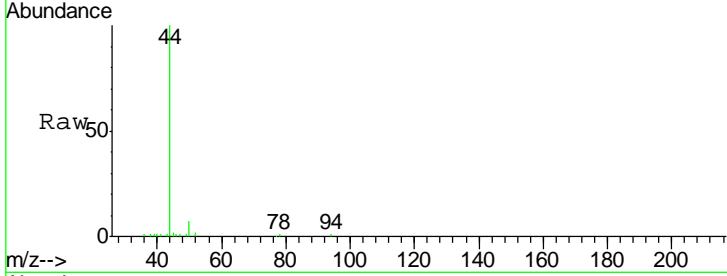




#3
 Chloromethane
 Concen: Below Cal
 RT: 1.32 min Scan# 121
 Delta R.T. 0.00 min
 Lab File: VX003477.D
 Acq: 19 Jul 2018 21:54

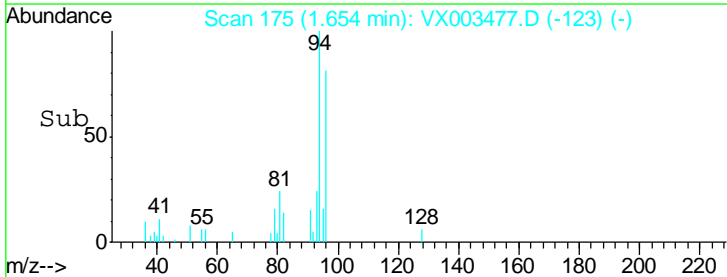
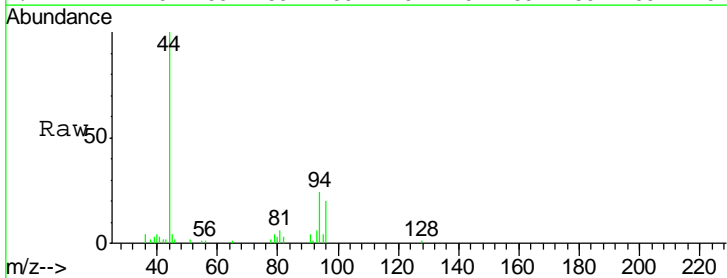
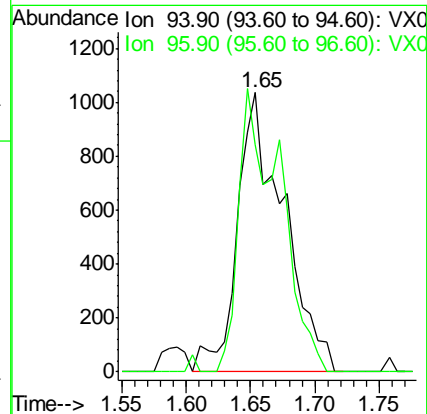
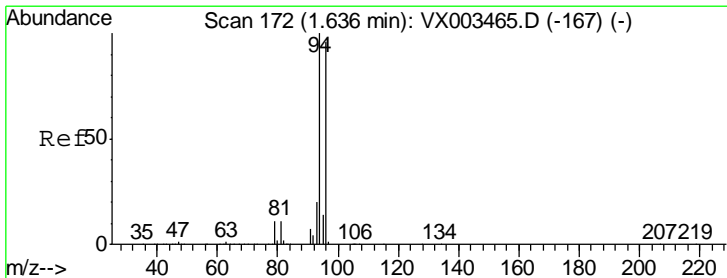
Instrument :
 MSVOA_X
 ClientSampled :
 LF1-TB-2018-1

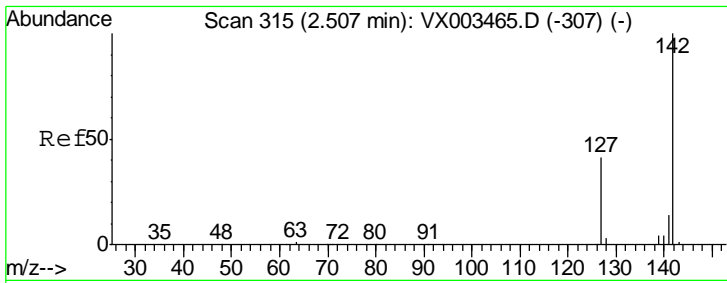
Tgt Ion	Resp	Lower	Upper
50	1098		
52	27.9	25.7	38.5



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.65 min Scan# 175
 Delta R.T. 0.02 min
 Lab File: VX003477.D
 Acq: 19 Jul 2018 21:54

Tgt Ion	Resp	Lower	Upper
94	2576		
96	81.3	74.9	112.3



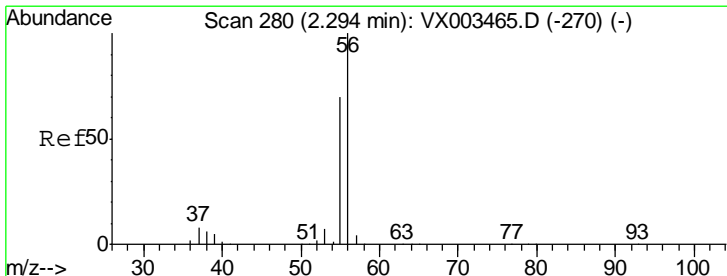
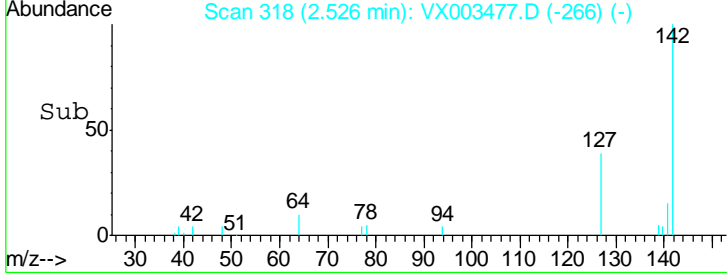
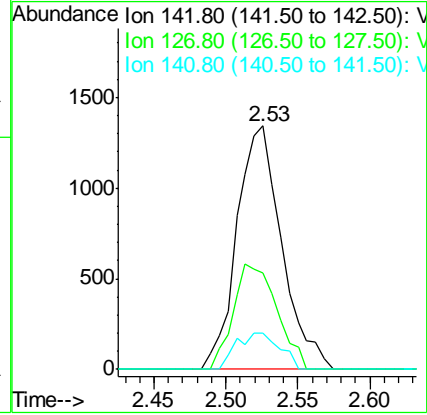
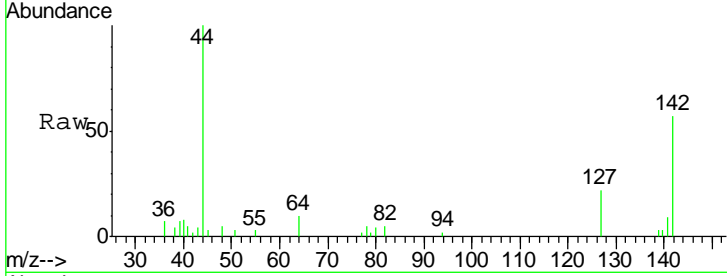


#10
Methyl Iodide
Concen: 0.76 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX003477.D
Acq: 19 Jul 2018 21:54

Instrument :
MSVOA_X
ClientSampled :
LF1-TB-2018-1

Tgt Ion: 142 Resp: 2909

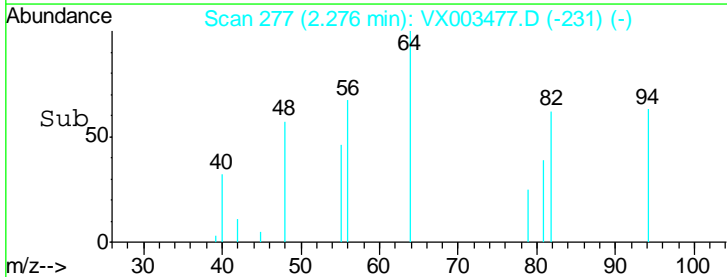
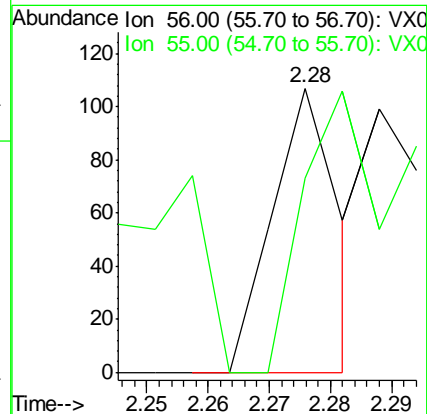
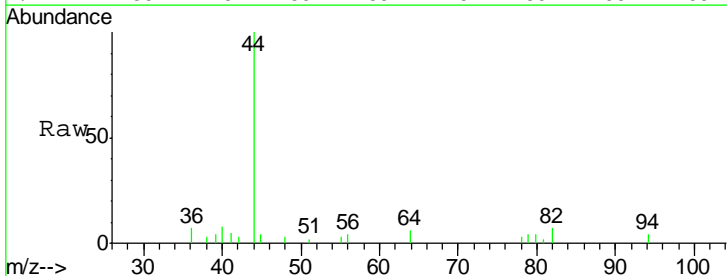
Ion	Ratio	Lower	Upper
142	100		
127	42.0	36.6	55.0
141	14.5	11.3	16.9

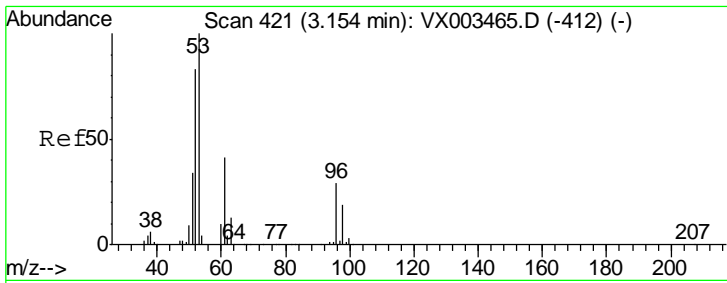


#13
Acrolein
Concen: 0.26 ug/l
RT: 2.28 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX003477.D
Acq: 19 Jul 2018 21:54

Tgt Ion: 56 Resp: 80

Ion	Ratio	Lower	Upper
56	100		
55	106.3	57.0	85.4#

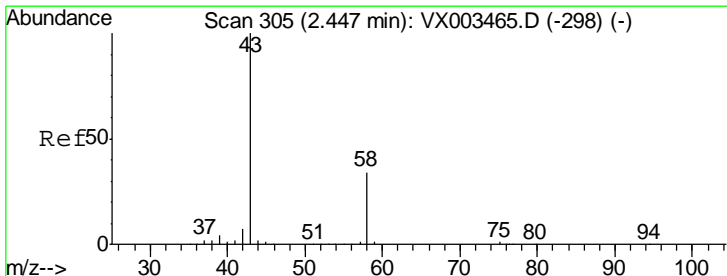
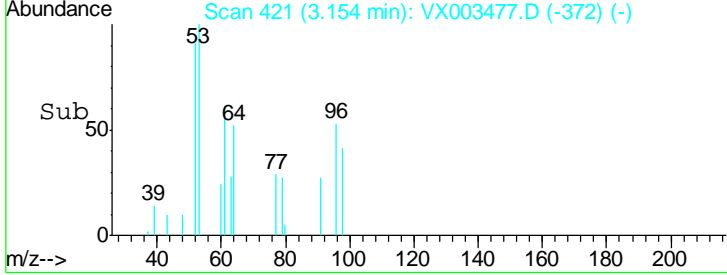
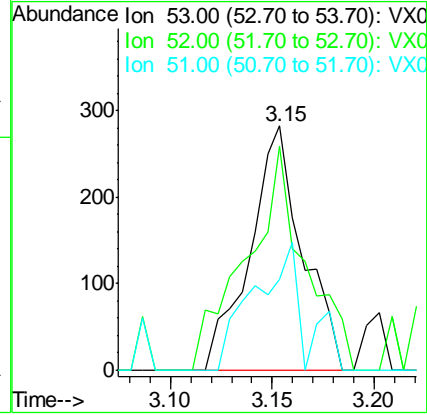
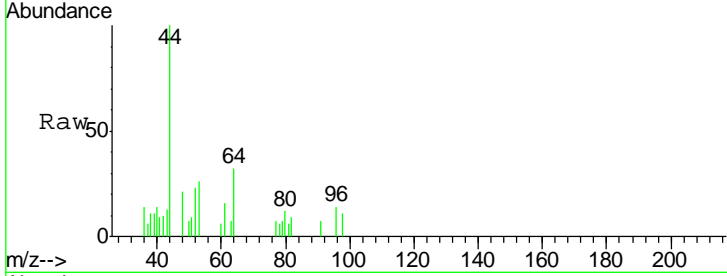




#15
 Acrylonitrile
 Concen: 0.30 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX003477.D
 Acq: 19 Jul 2018 21:54

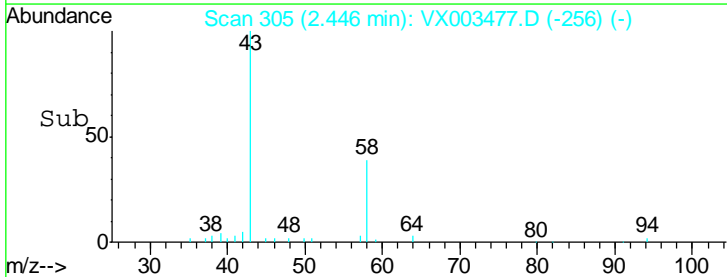
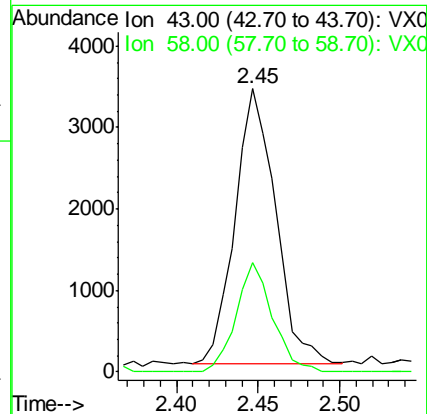
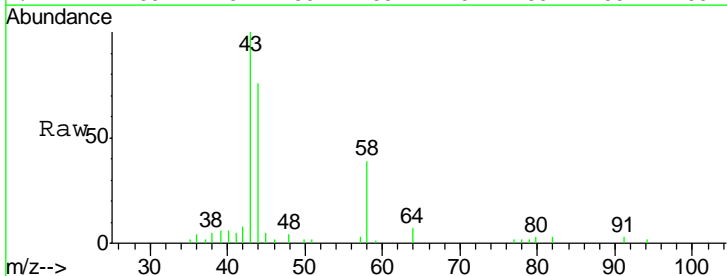
Instrument : MSVOA_X
 ClientSampled : LF1-TB-2018-1

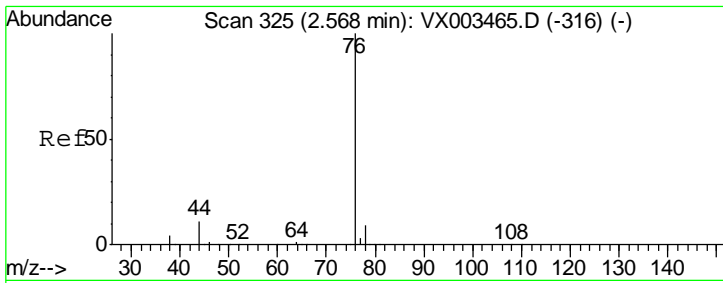
Tgt Ion	Resp	Lower	Upper
53	100		
52	102.4	66.7	100.1#
51	50.0	29.9	44.9#



#16
 Acetone
 Concen: 4.61 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.00 min
 Lab File: VX003477.D
 Acq: 19 Jul 2018 21:54

Tgt Ion	Resp	Lower	Upper
43	100		
58	39.7	22.1	33.1#

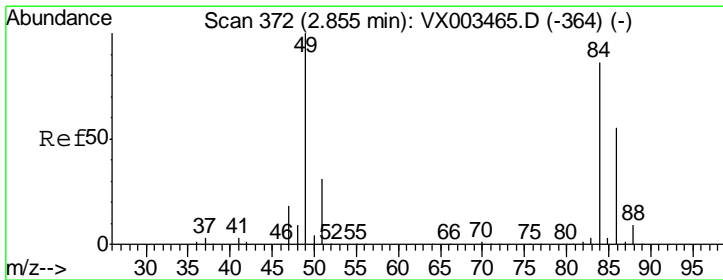
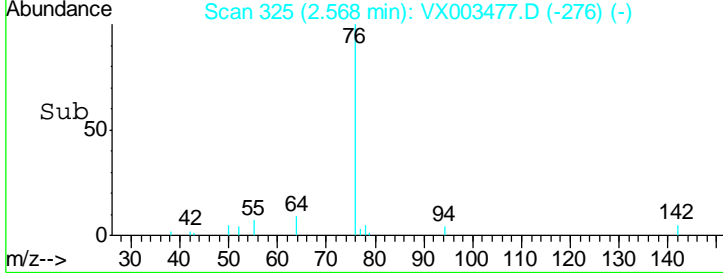
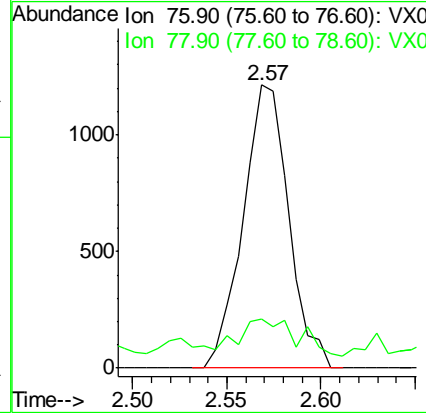
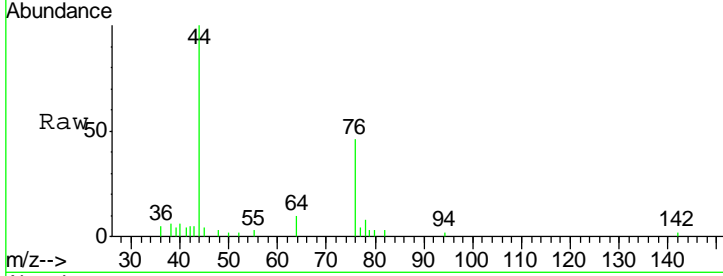




#17
 Carbon Disulfide
 Concen: 0.26 ug/l
 RT: 2.57 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VX003477.D
 Acq: 19 Jul 2018 21:54

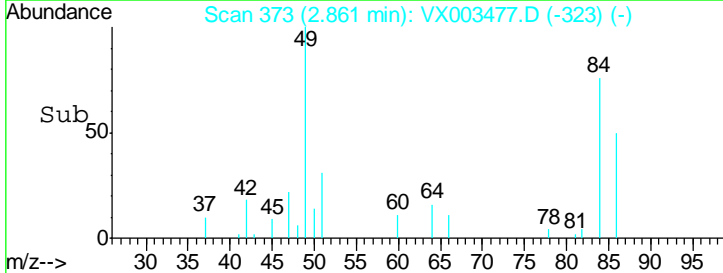
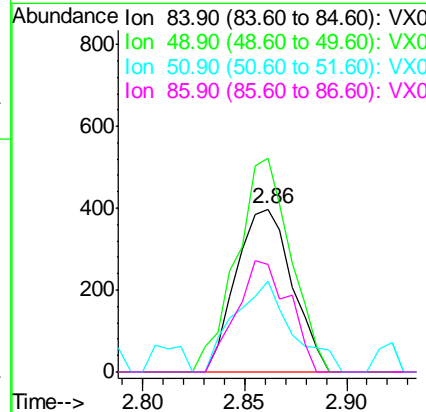
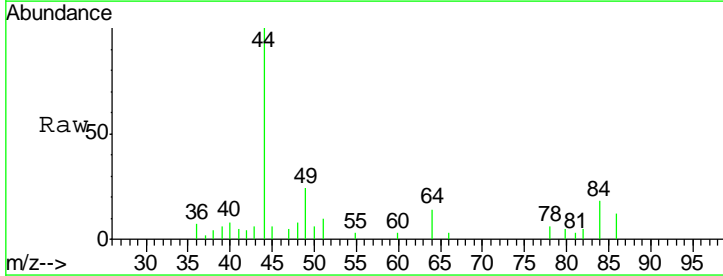
Instrument :
 MSVOA_X
ClientSampled :
 LF1-TB-2018-1

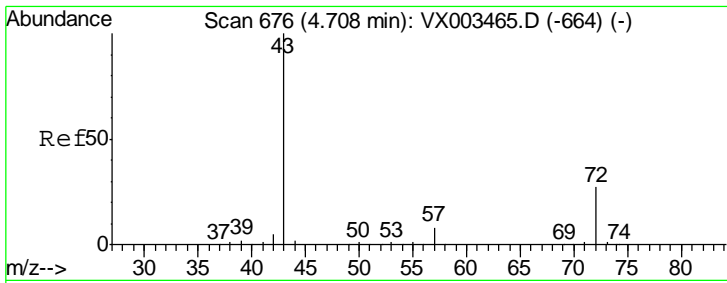
Tgt Ion	Resp	Lower	Upper
76	100		
78	12.9	6.9	10.3#



#20
 Methylene Chloride
 Concen: Below Cal
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX003477.D
 Acq: 19 Jul 2018 21:54

Tgt Ion	Resp	Lower	Upper
84	100		
49	131.5	107.8	161.6
51	55.9	32.8	49.2#
86	66.0	52.5	78.7

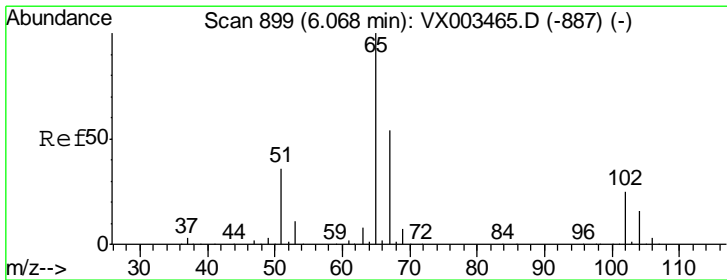
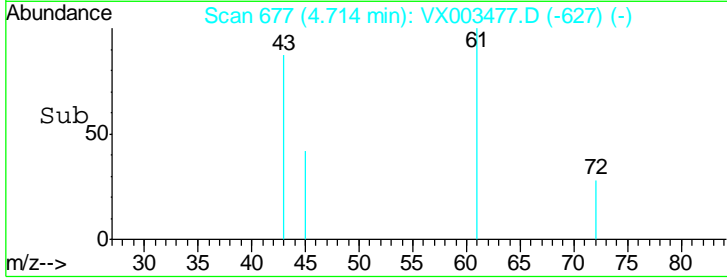
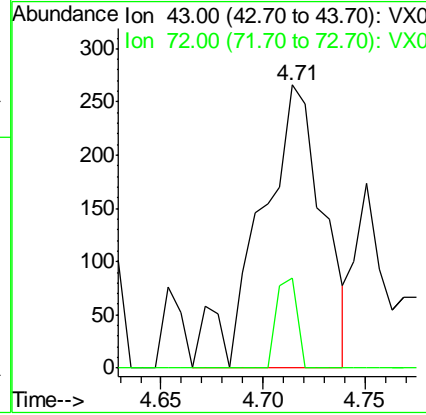
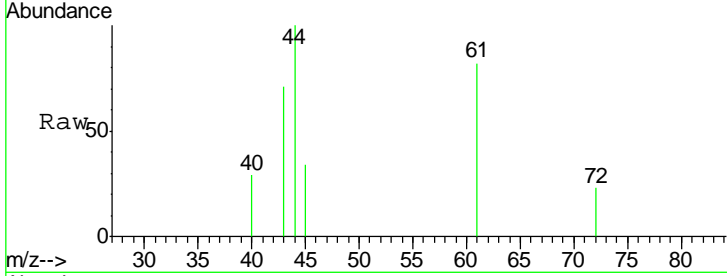




#25
 2-Butanone
 Concen: 0.26 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. 0.01 min
 Lab File: VX003477.D
 Acq: 19 Jul 2018 21:54

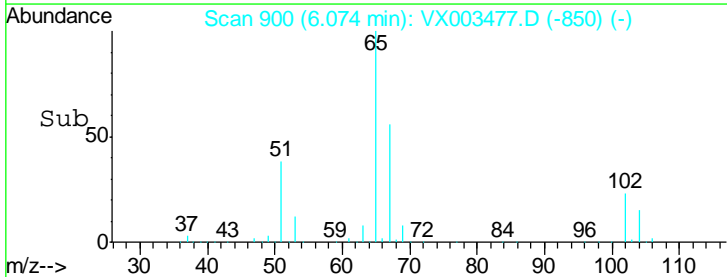
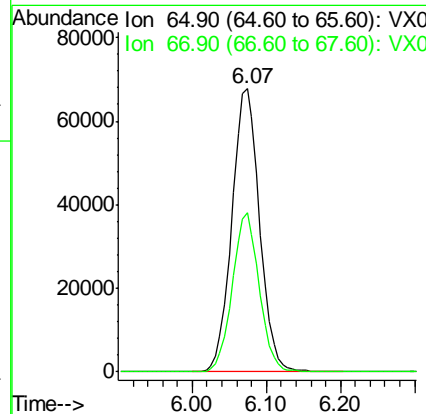
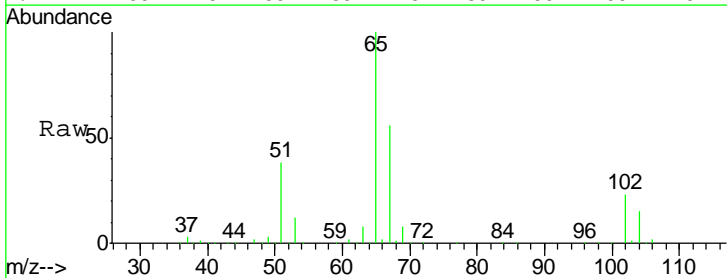
Instrument :
 MSVOA_X
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 LF1-TB-2018-1

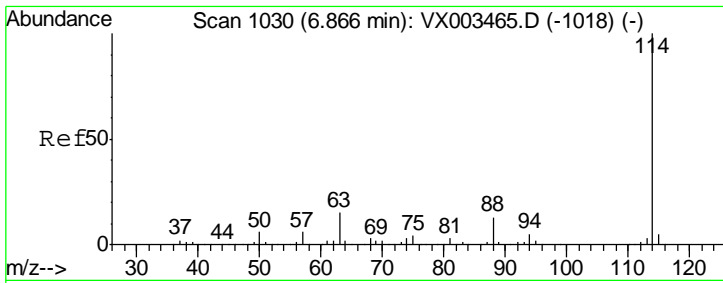
Tgt Ion: 43 Resp: 567
 Ion Ratio Lower Upper
 43 100
 72 32.0 18.5 27.7#



#33
 1,2-Dichloroethane-d4
 Concen: 51.89 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003477.D
 Acq: 19 Jul 2018 21:54

Tgt Ion: 65 Resp: 176178
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 102.6

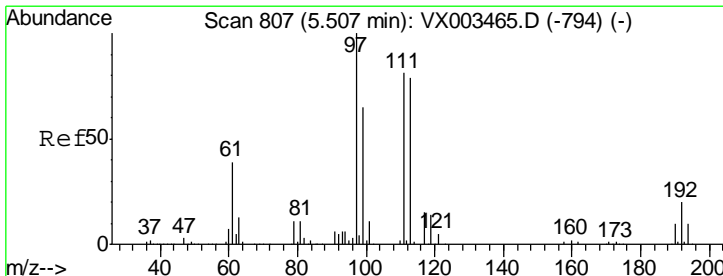
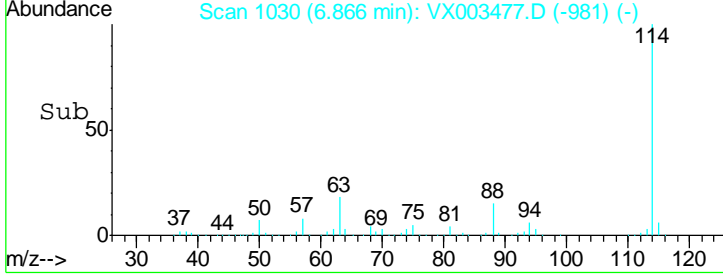
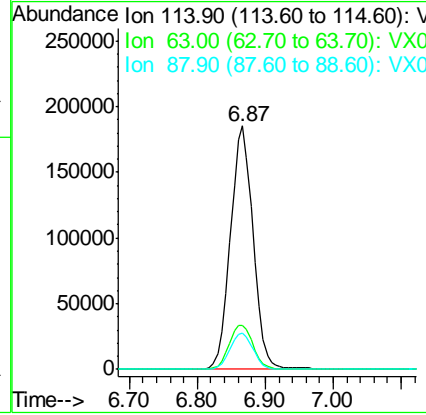
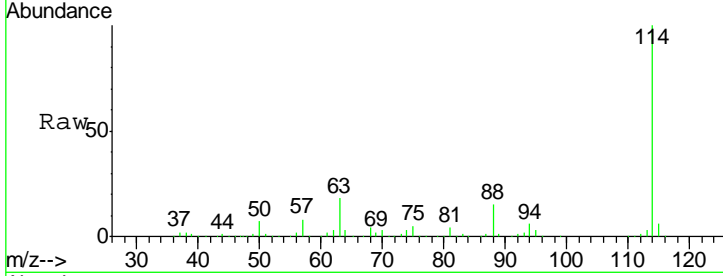




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003477.D
 Acq: 19 Jul 2018 21:54

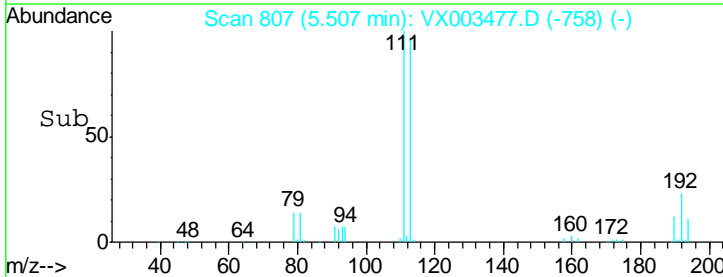
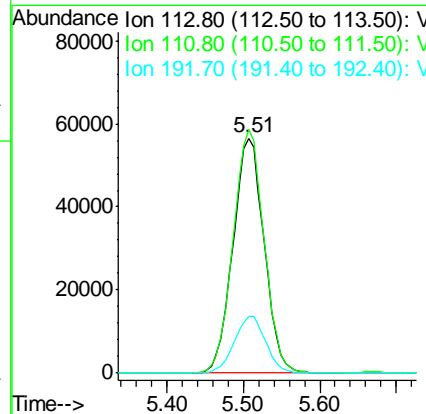
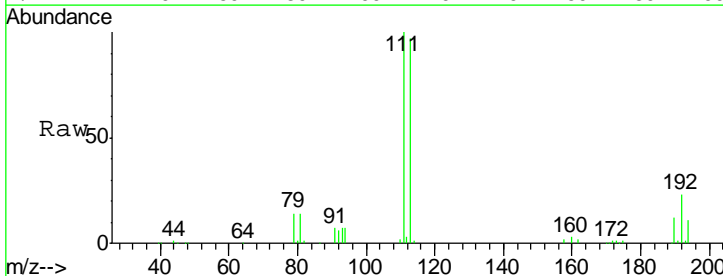
Instrument : MSVOA_X
 ClientSampleId : LF1-TB-2018-1

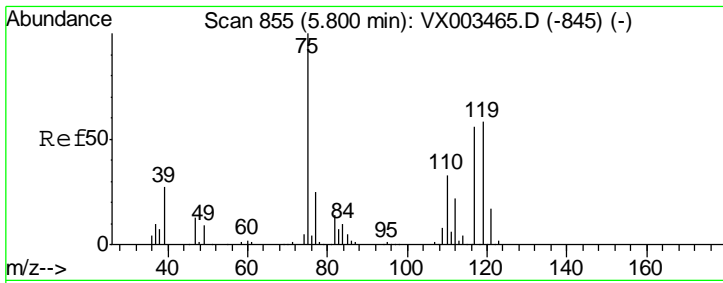
Tgt Ion	Resp	Lower	Upper
114	100		
63	18.3	0.0	41.4
88	14.9	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 48.91 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003477.D
 Acq: 19 Jul 2018 21:54

Tgt Ion	Resp	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	24.3	19.1	28.7

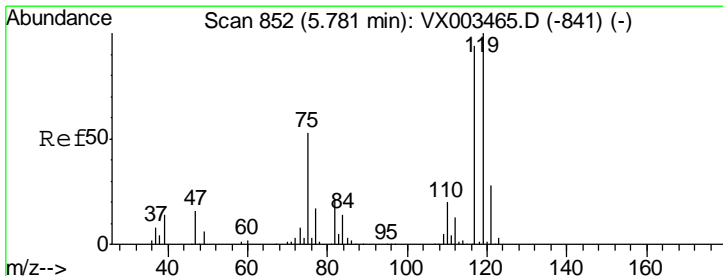
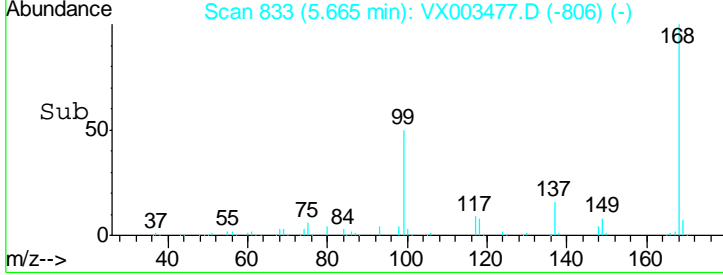
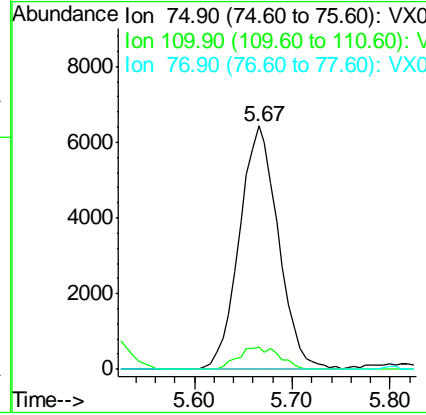
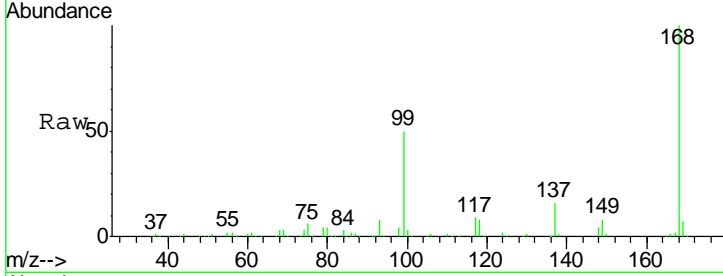




#36
 1,1-Dichloropropene
 Concen: 3.84 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003477.D
 Acq: 19 Jul 2018 21:54

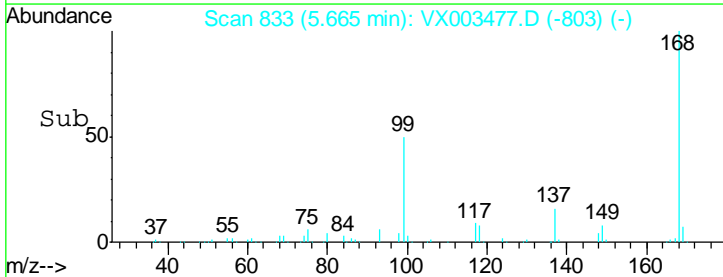
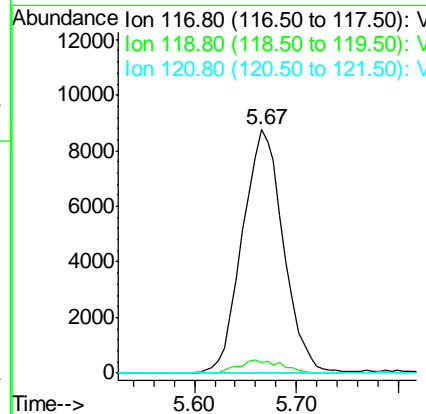
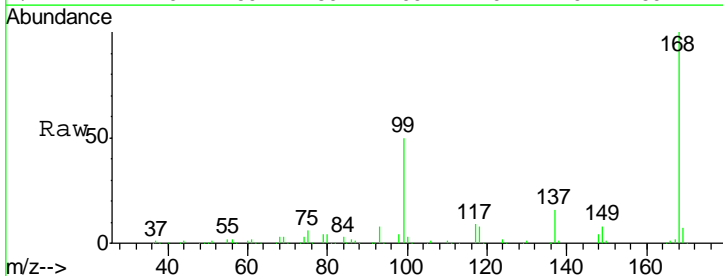
Instrument :
 MSVOA_X
 ClientSampled :
 LF1-TB-2018-1

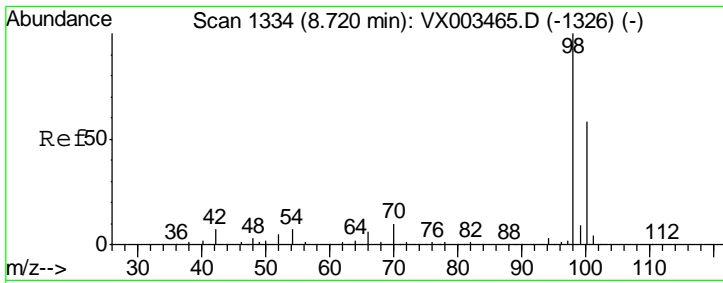
Tgt Ion	Resp	Lower	Upper
75	17768		
110	9.7	18.1	54.4#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 5.40 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX003477.D
 Acq: 19 Jul 2018 21:54

Tgt Ion	Resp	Lower	Upper
117	24503		
119	4.5	77.4	116.0#
121	0.0	24.4	36.6#

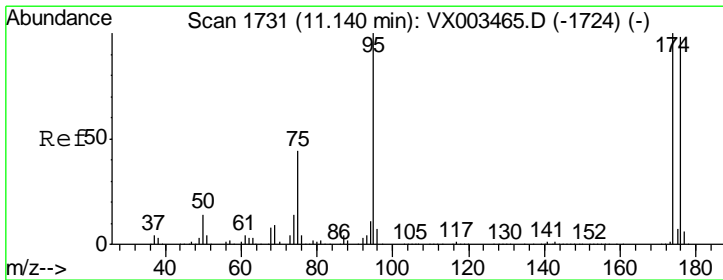
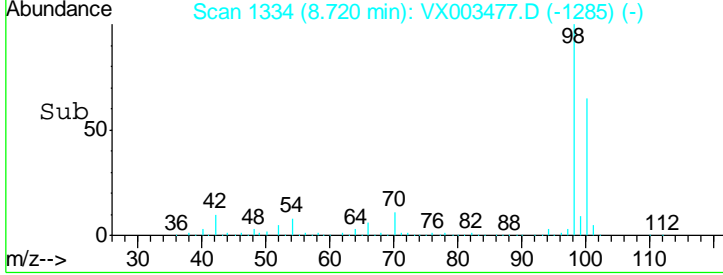
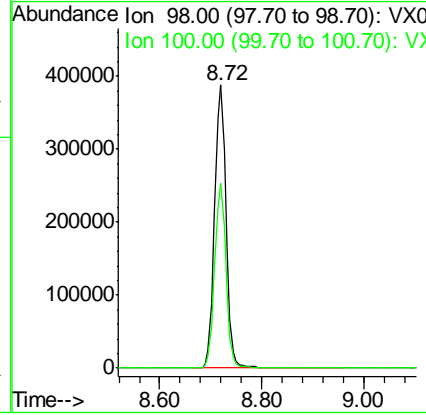
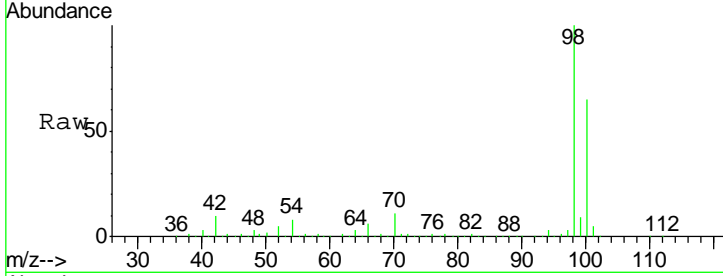




#50
 Toluene-d8
 Concen: 49.34 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003477.D
 Acq: 19 Jul 2018 21:54

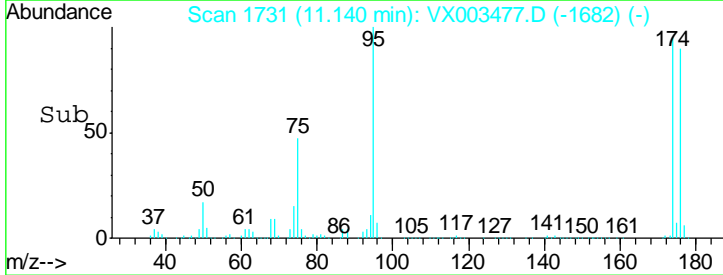
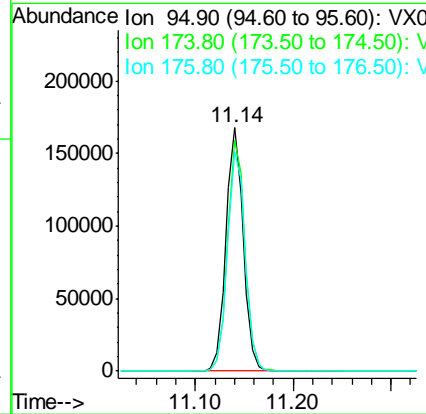
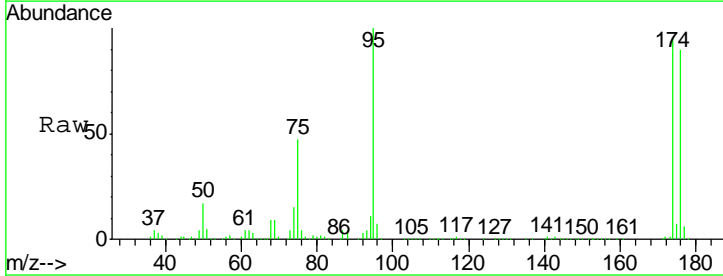
Instrument :
 MSVOA_X
 ClientSampled :
 LF1-TB-2018-1

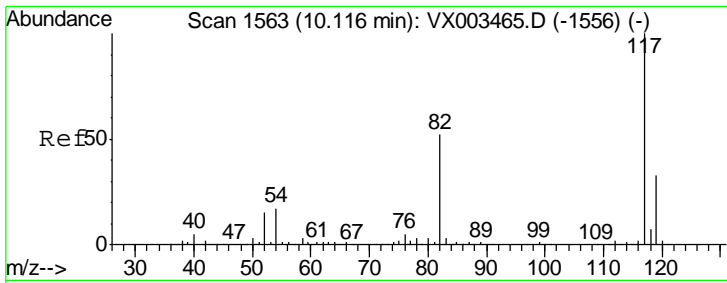
Tgt Ion	Resp	Lower	Upper
98	605357		
100	100		
100	64.3	50.9	76.3



#62
 4-Bromofluorobenzene
 Concen: 45.74 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003477.D
 Acq: 19 Jul 2018 21:54

Tgt Ion	Resp	Lower	Upper
95	204776		
95	100		
174	95.9	0.0	187.4
176	92.4	0.0	181.0

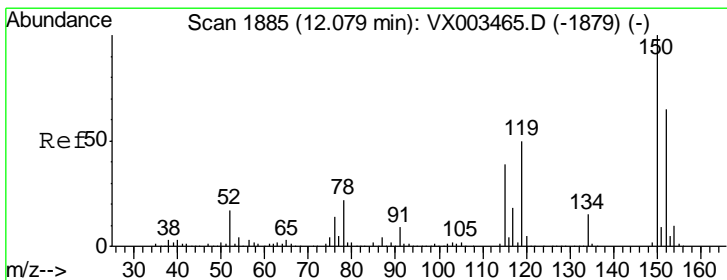
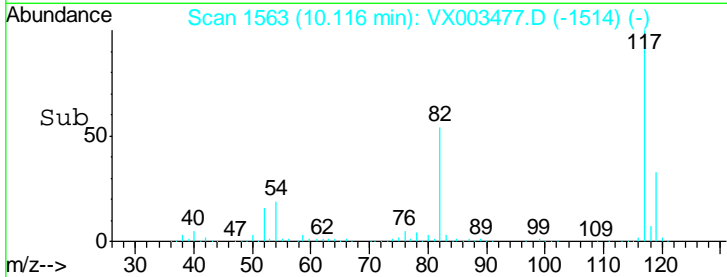
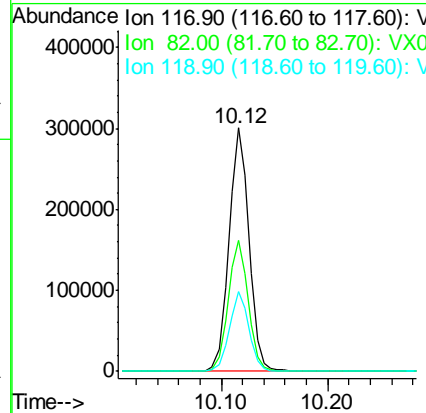
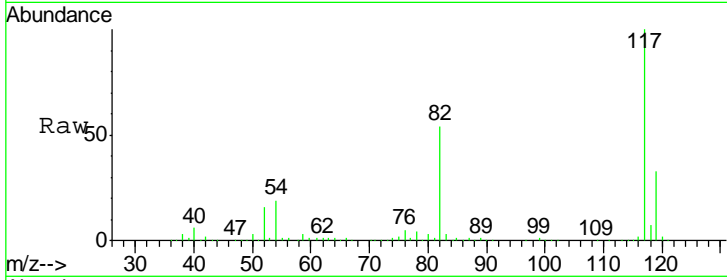




#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX003477.D
 Acq: 19 Jul 2018 21:54

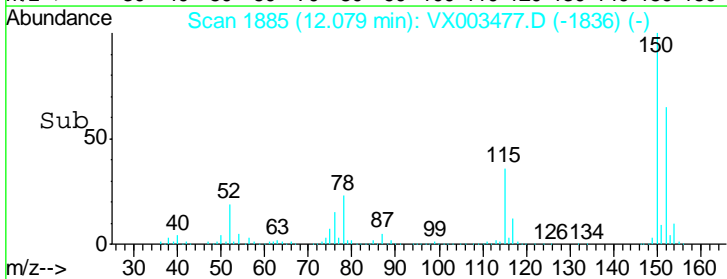
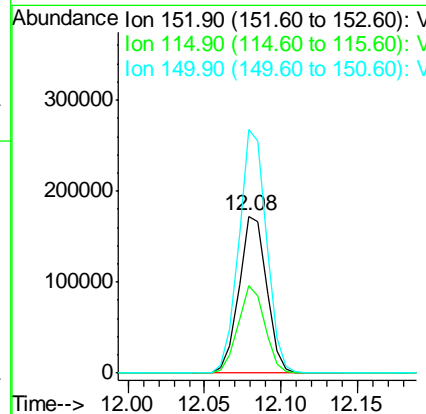
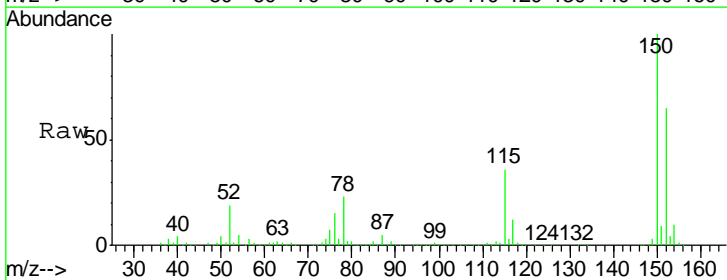
Instrument :
 MSVOA_X
 ClientSampled :
 LF1-TB-2018-1

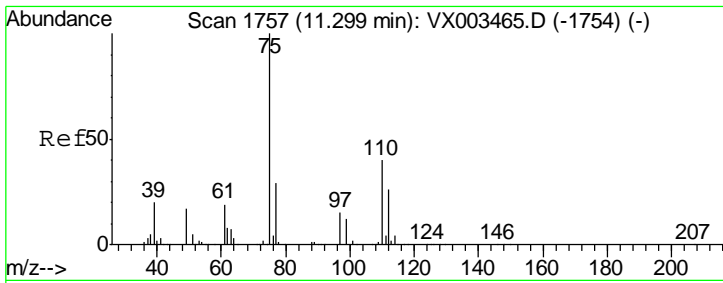
Tgt Ion	Resp	Lower	Upper
117	396195		
82	53.8	45.0	67.4
119	32.8	25.8	38.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX003477.D
 Acq: 19 Jul 2018 21:54

Tgt Ion	Resp	Lower	Upper
152	216719		
152	100		
115	54.3	40.1	120.2
150	154.9	0.0	347.2

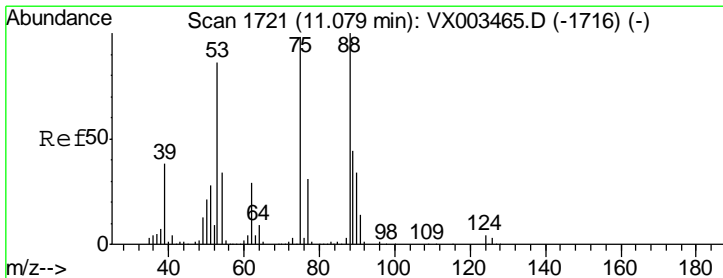
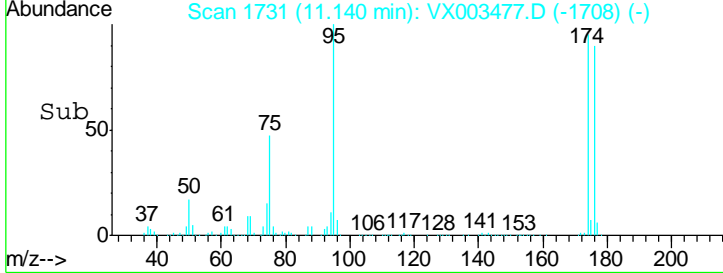
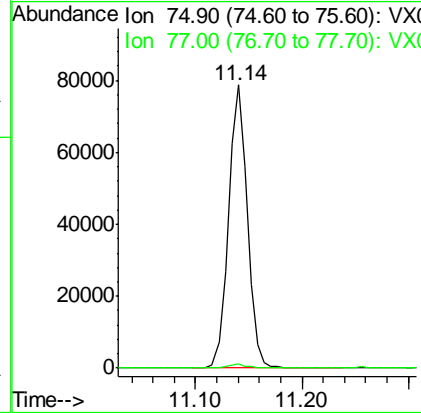
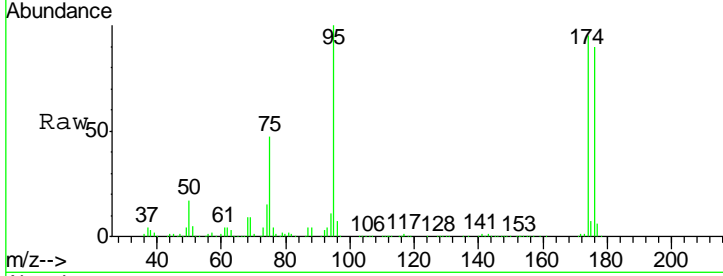




#76
 1,2,3-Trichloropropane
 Concen: 25.00 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX003477.D
 Acq: 19 Jul 2018 21:54

Instrument : MSVOA_X
 ClientSampled : LF1-TB-2018-1

Tgt Ion	Resp	Lower	Upper
75	100		
77	1.3	22.8	68.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.02 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003477.D
 Acq: 19 Jul 2018 21:54

Tgt Ion	Resp	Lower	Upper
75	100		
53	0.1	86.8	130.2#
89	0.0	38.2	57.2#

