Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041618\
Data File : VX000937.D
Acq On : 16 Apr 2018 23:04
Operator : JC/MD
Sample : PB108244ZHE#09 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Apr 17 02:39:46 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	258427	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	360211	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	331684	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214645	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	159998	49.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.20%				
35) Dibromofluoromethane	5.51	113	126850	45.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.42%				
50) Toluene-d8	8.72	98	502485	48.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.26%				
62) 4-Bromofluorobenzene	11.14	95	192566	45.04	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.08%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	281	Below Cal			94
10) Methyl Iodide	2.52	142	215	8.322	ug/l	#	81
13) Acrolein	2.28	56	324	1.153	ug/l	#	35
16) Acetone	2.45	43	3751	3.338	ug/l		100
18) Methyl Acetate	2.78	43	5104	1.755	ug/l		97
20) Methylene Chloride	2.86	84	911	0.349	ug/l		86
25) 2-Butanone	4.71	43	1556	0.839	ug/l	#	84
29) Tetrahydrofuran	5.20	42	410	0.348	ug/l		89
31) Cyclohexane	5.68	56	4208	0.980	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	15984	4.029	ug/l	#	48
38) Carbon Tetrachloride	5.67	117	22113	4.980	ug/l	#	16
76) 1,2,3-Trichloropropane	11.14	75	95154	25.705	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.14	75	95154	70.709	ug/l	#	11

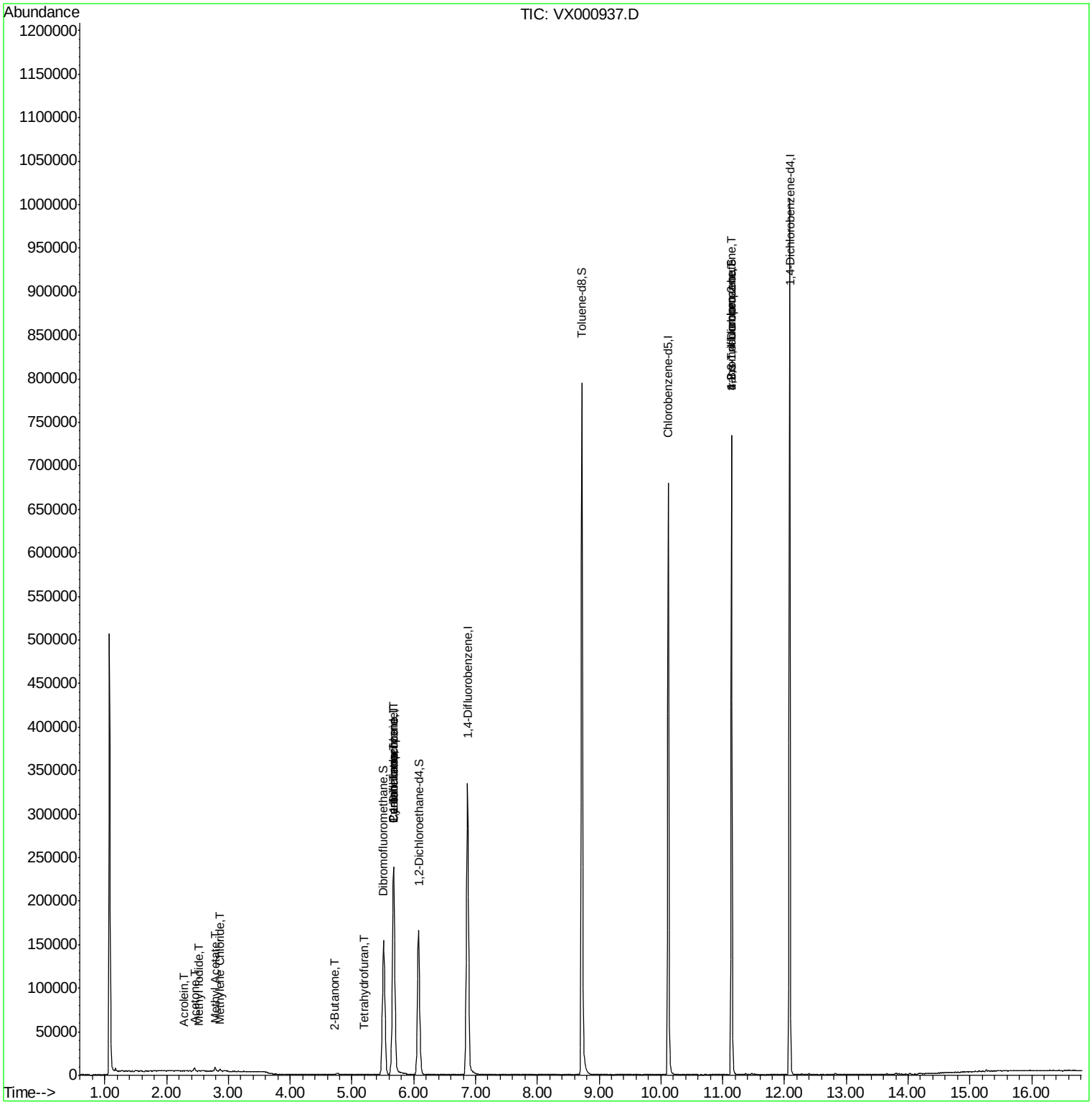
(#) = qualifier out of range (m) = manual integration (+) = signals summed

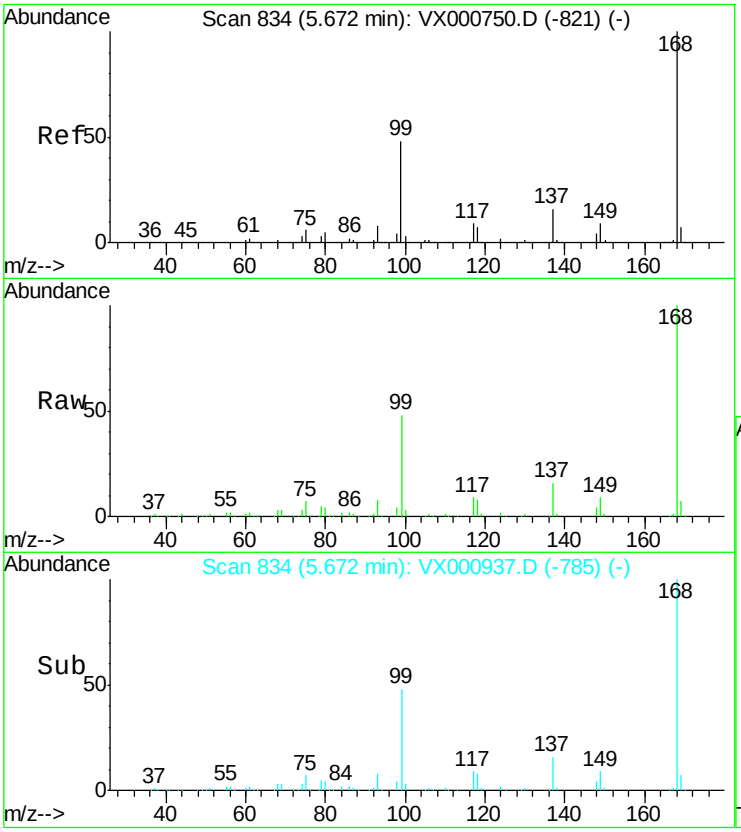
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041618\
Data File : VX000937.D
Acq On : 16 Apr 2018 23:04
Operator : JC/MD
Sample : PB108244ZHE#09 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 17 02:39:46 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration



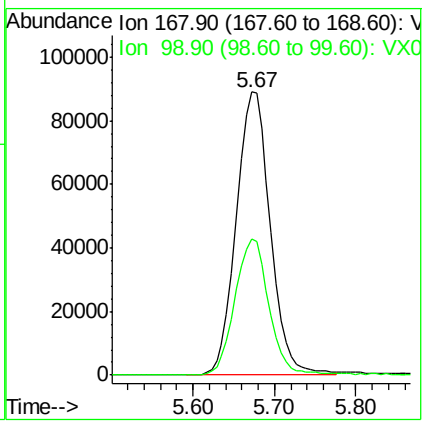


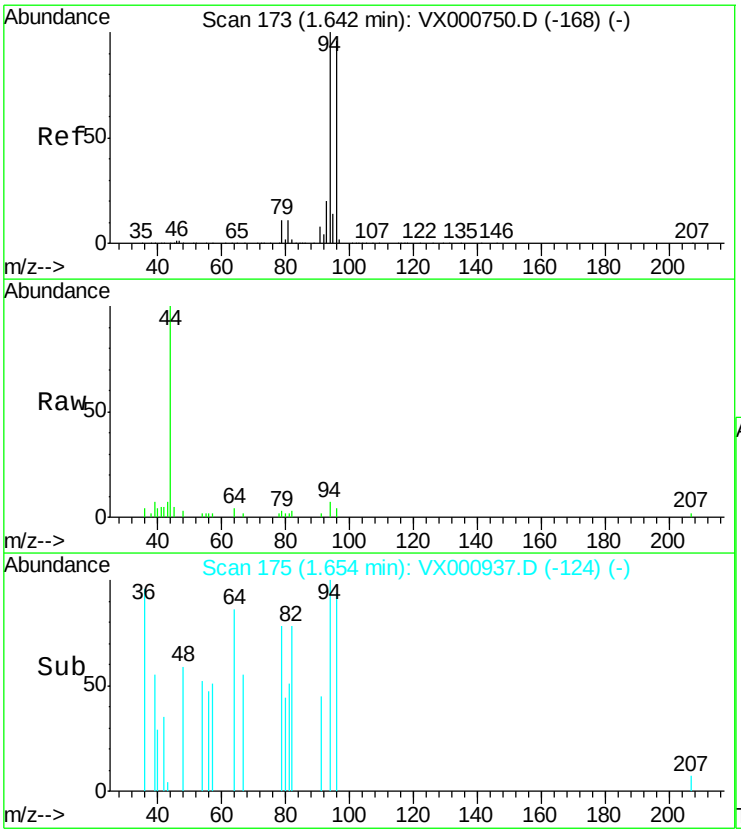
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 258427

Ion	Ratio	Lower	Upper
168	100		
99	48.3	38.3	57.5

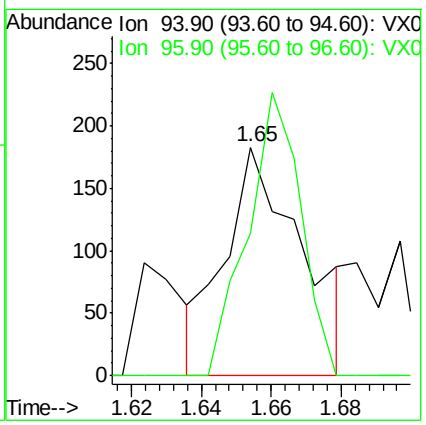


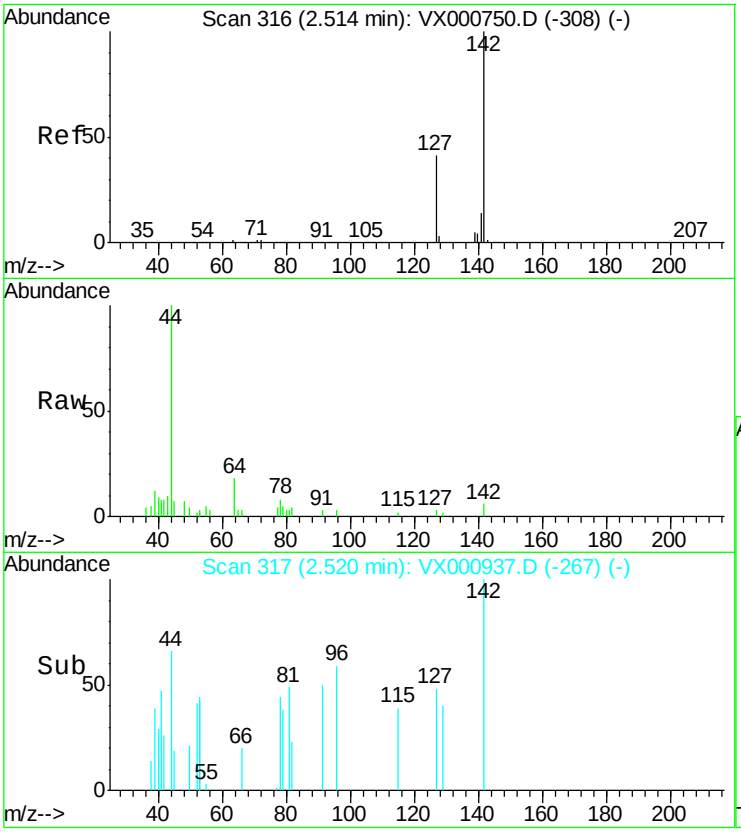


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.01 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Tgt Ion: 94 Resp: 281

Ion	Ratio	Lower	Upper
94	100		
96	90.5	77.0	115.6



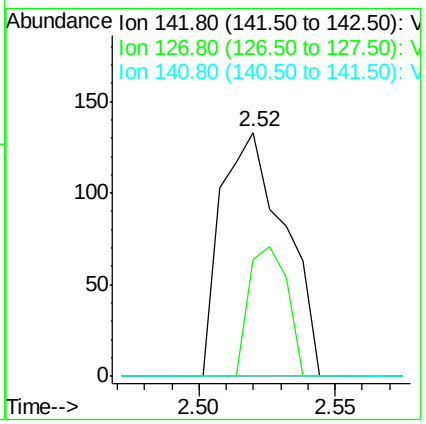


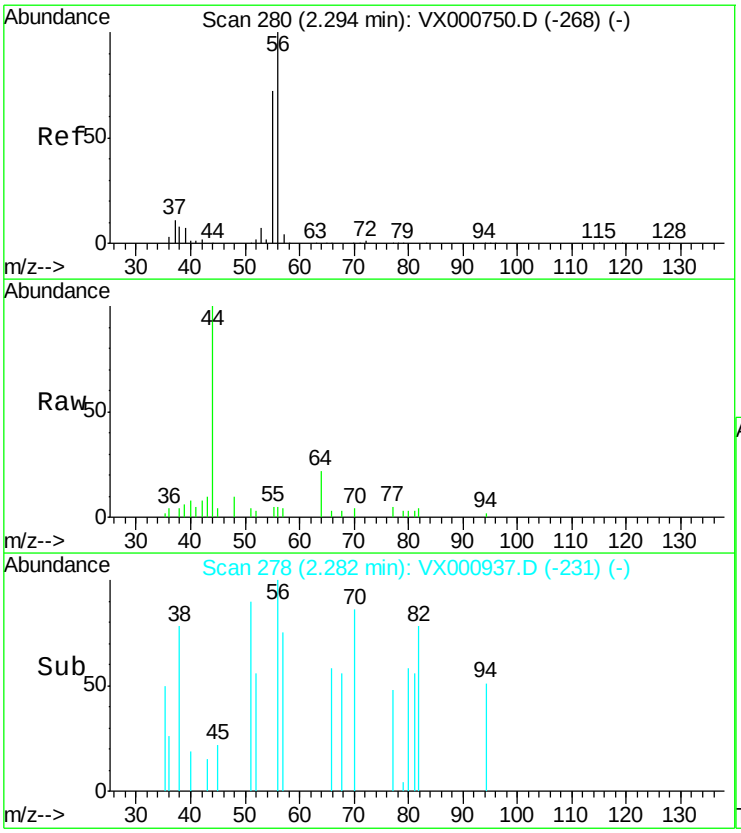
#10
Methyl Iodide
Concen: 8.322 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 215

Ion	Ratio	Lower	Upper
142	100		
127	32.1	32.6	49.0#
141	0.0	11.5	17.3#

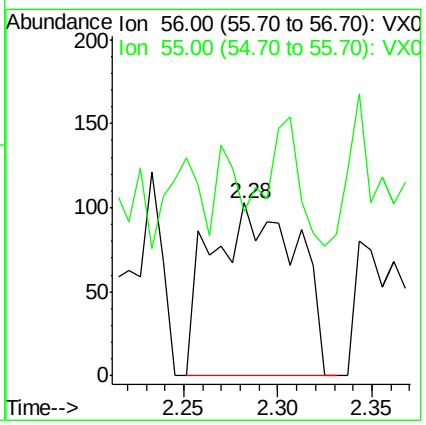


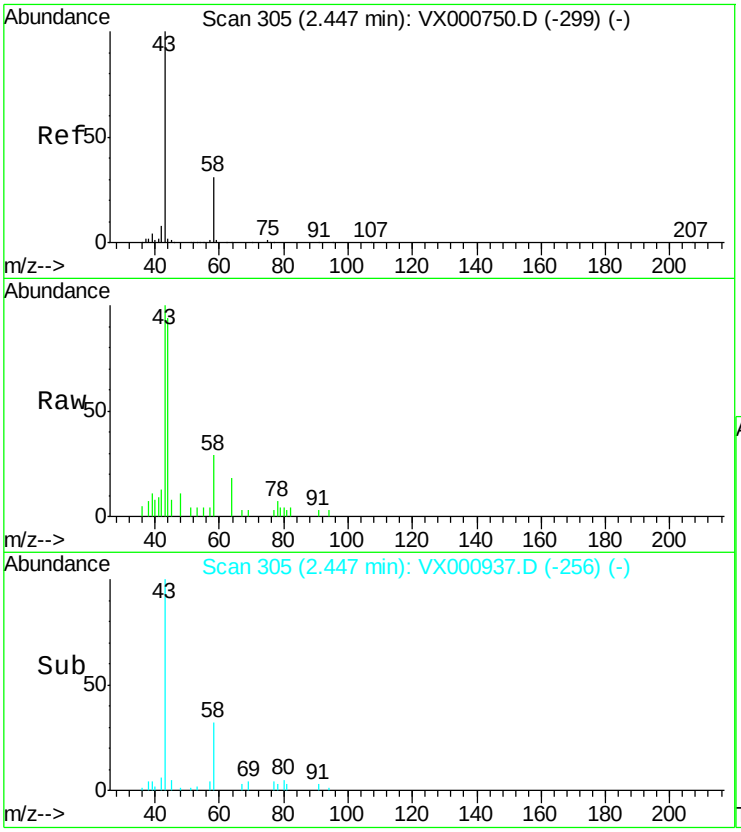


#13
Acrolein
Concen: 1.153 ug/l
RT: 2.28 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Tgt Ion: 56 Resp: 324

Ion	Ratio	Lower	Upper
56	100		
55	18.8	58.7	88.1#



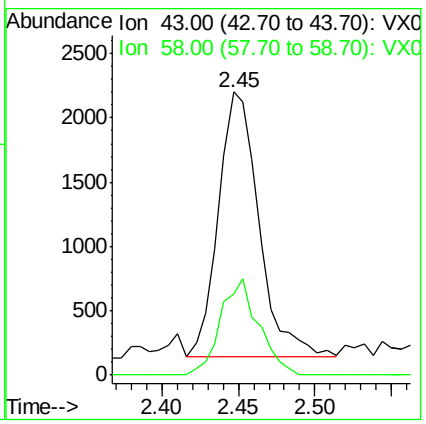


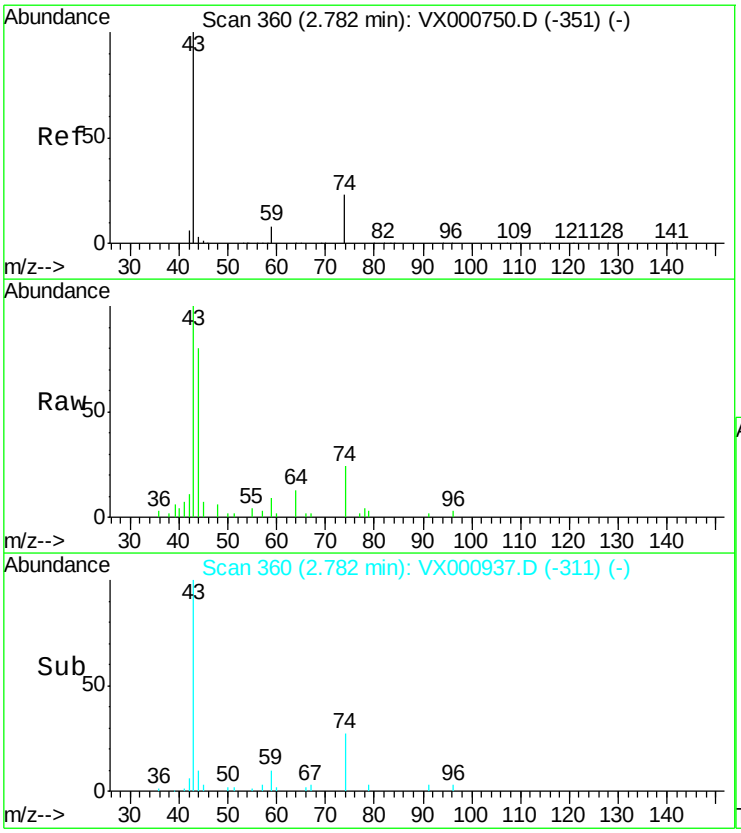
#16
Acetone
Concen: 3.338 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3751

Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.6	37.0

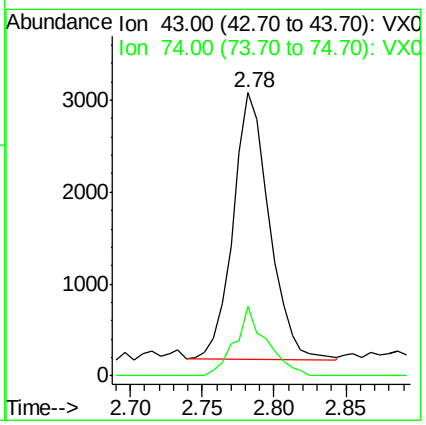


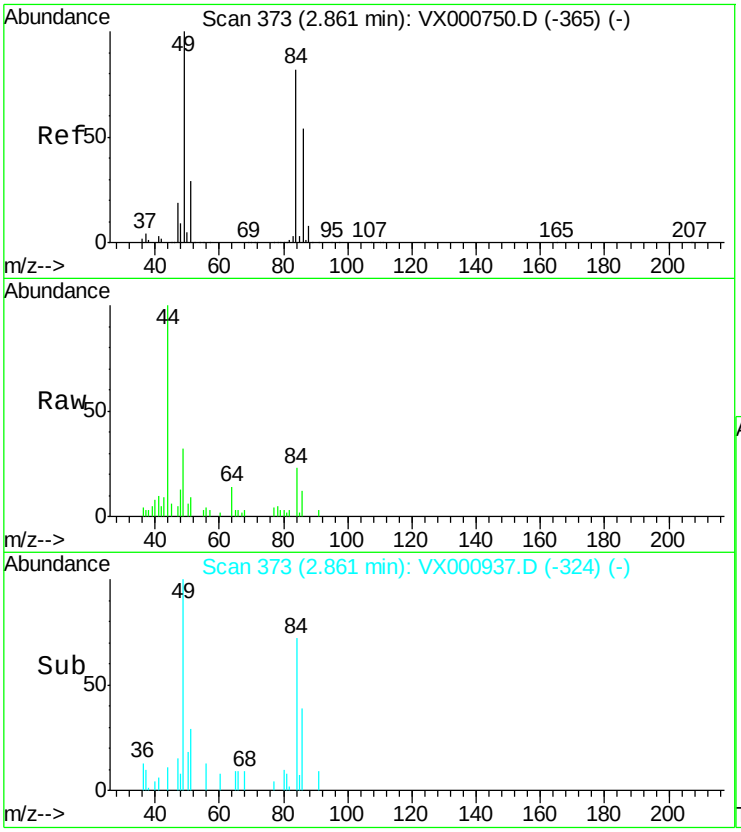


#18
Methyl Acetate
Concen: 1.755 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Tgt Ion: 43 Resp: 5104

Ion	Ratio	Lower	Upper
43	100		
74	22.5	19.1	28.7



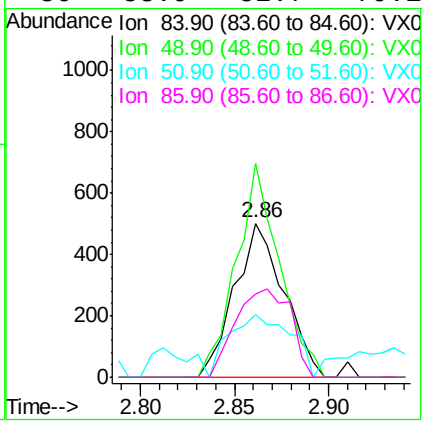


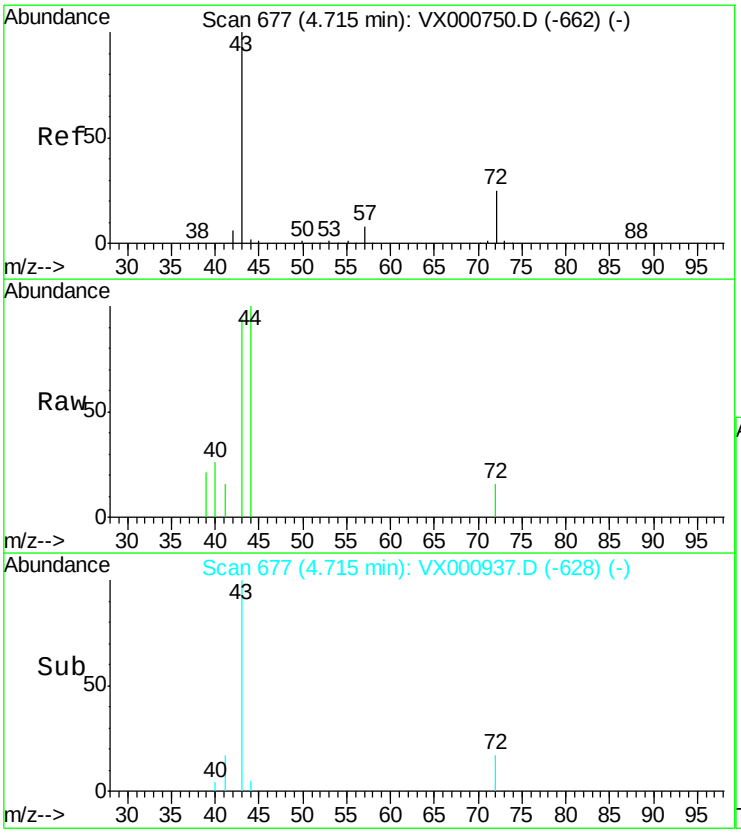
#20
Methylene Chloride
Concen: 0.349 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 911

Ion	Ratio	Lower	Upper
84	100		
49	138.9	98.1	147.1
51	30.5	28.9	43.3
86	53.9	52.7	79.1

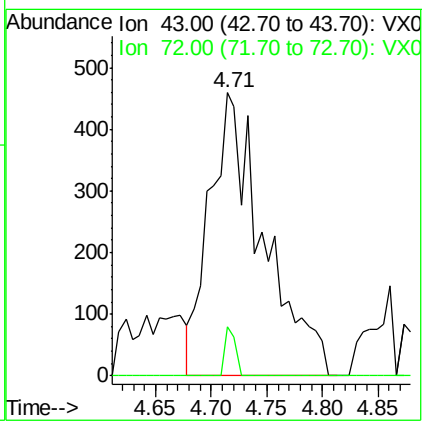


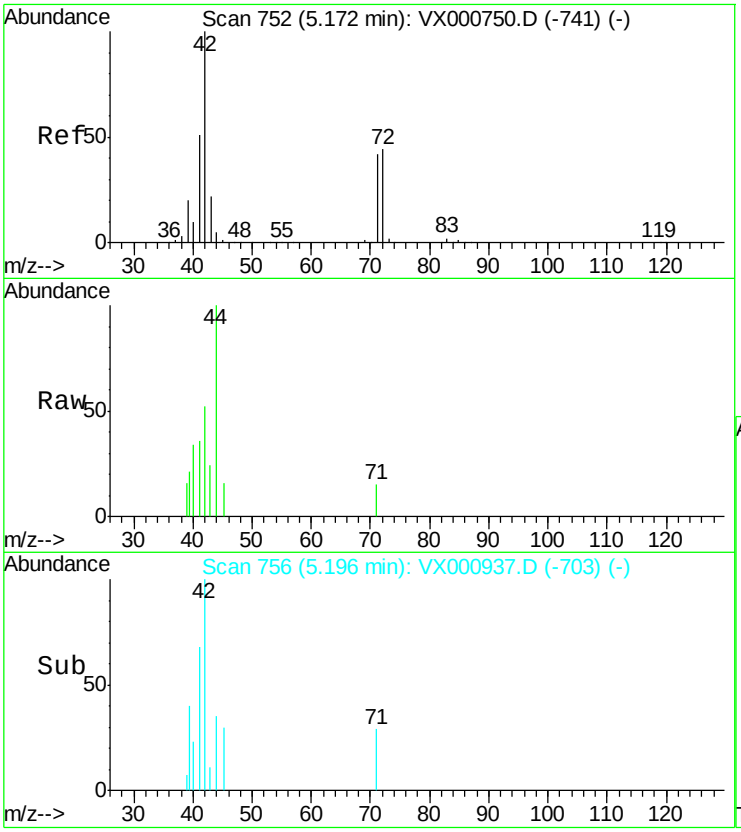


#25
2-Butanone
Concen: 0.839 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.00 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Tgt Ion: 43 Resp: 1556

Ion	Ratio	Lower	Upper
43	100		
72	17.4	20.3	30.5#



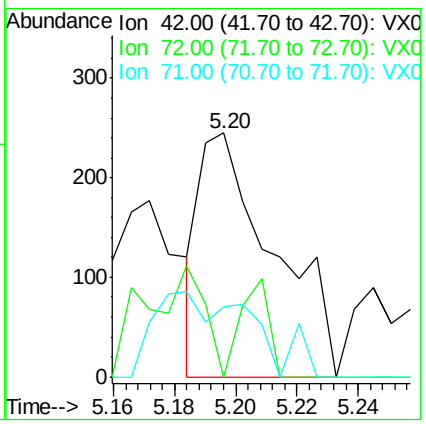


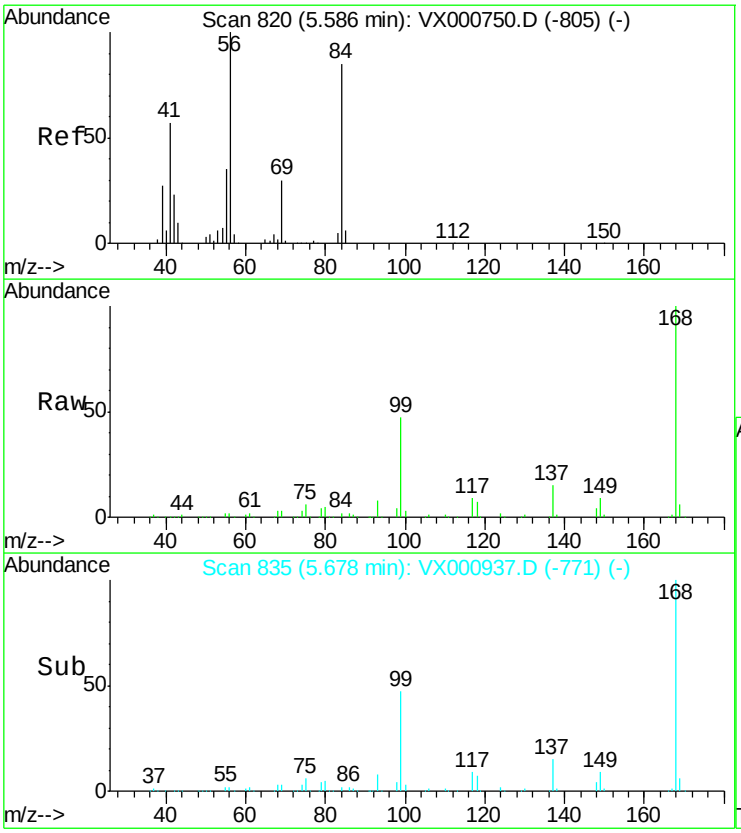
#29
Tetrahydrofuran
Concen: 0.348 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.02 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 410

Ion	Ratio	Lower	Upper
42	100		
72	36.3	35.1	52.7
71	47.1	32.8	49.2

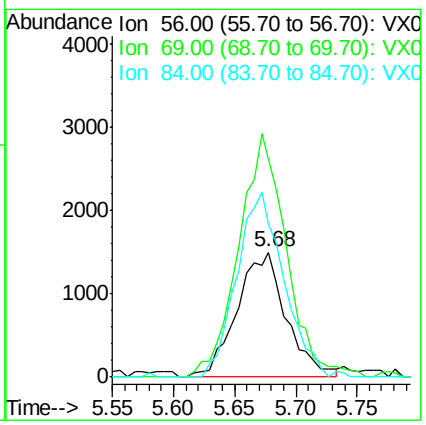


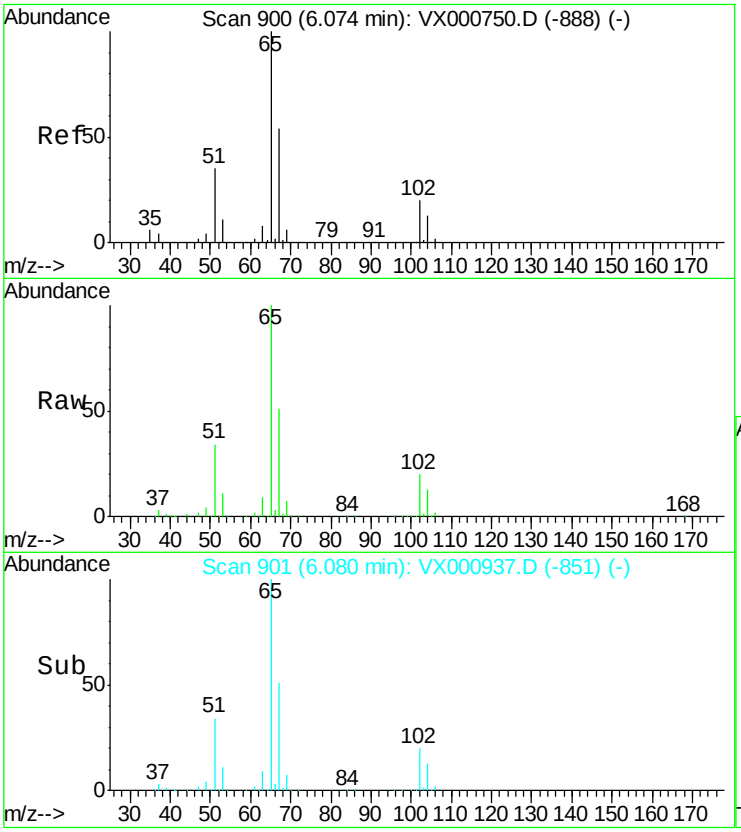


#31
Cyclohexane
Concen: 0.980 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.09 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Tgt Ion: 56 Resp: 4208

Ion	Ratio	Lower	Upper
56	100		
69	174.4	24.2	36.4#
84	122.6	67.6	101.4#



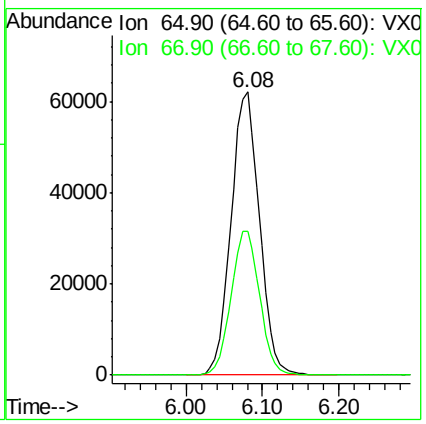


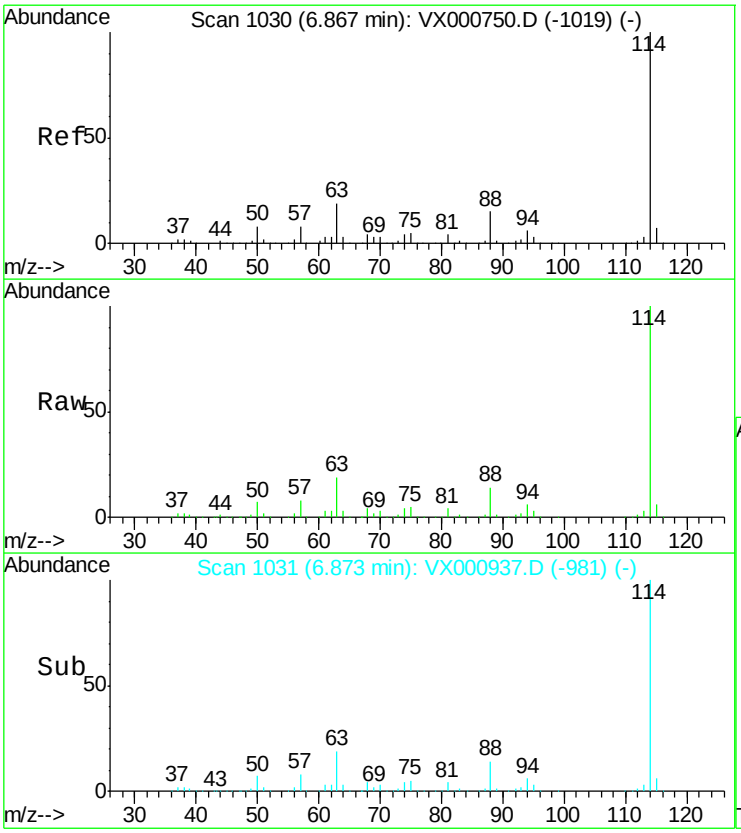
#33
1,2-Dichloroethane-d4
Concen: 49.102 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 159998

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.8

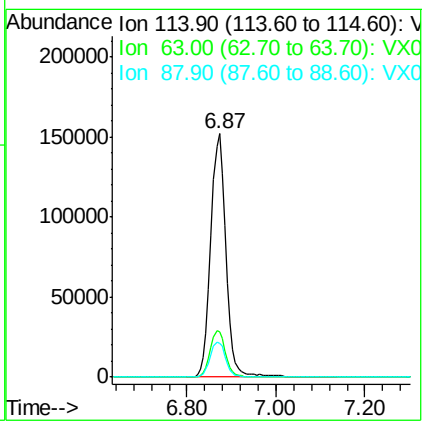


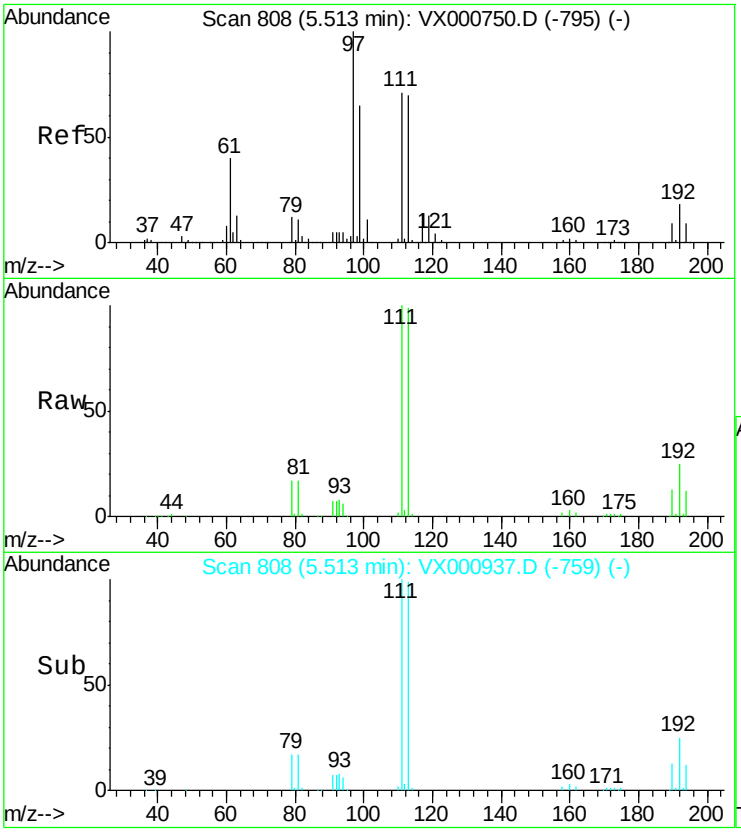


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Tgt Ion:114 Resp: 360211

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	38.4
88	14.0	0.0	31.0



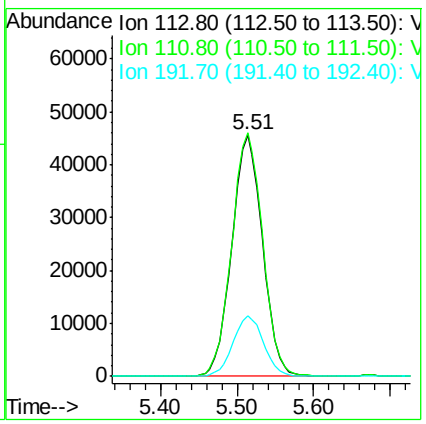


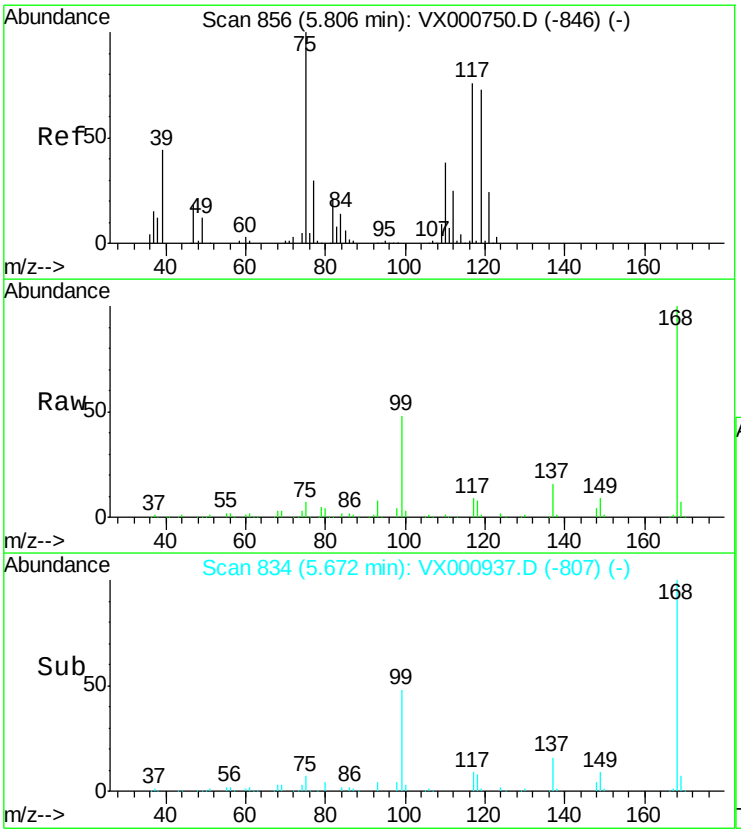
#35
Dibromofluoromethane
Concen: 45.708 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 126850

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.5	122.3
192	25.0	20.4	30.6

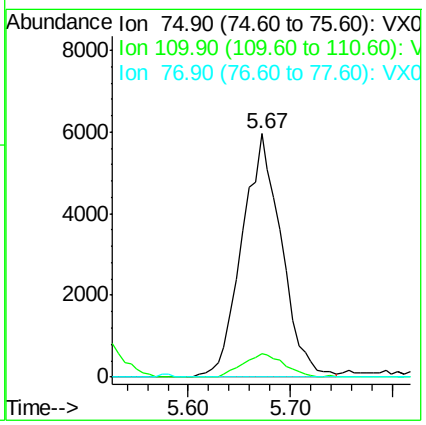


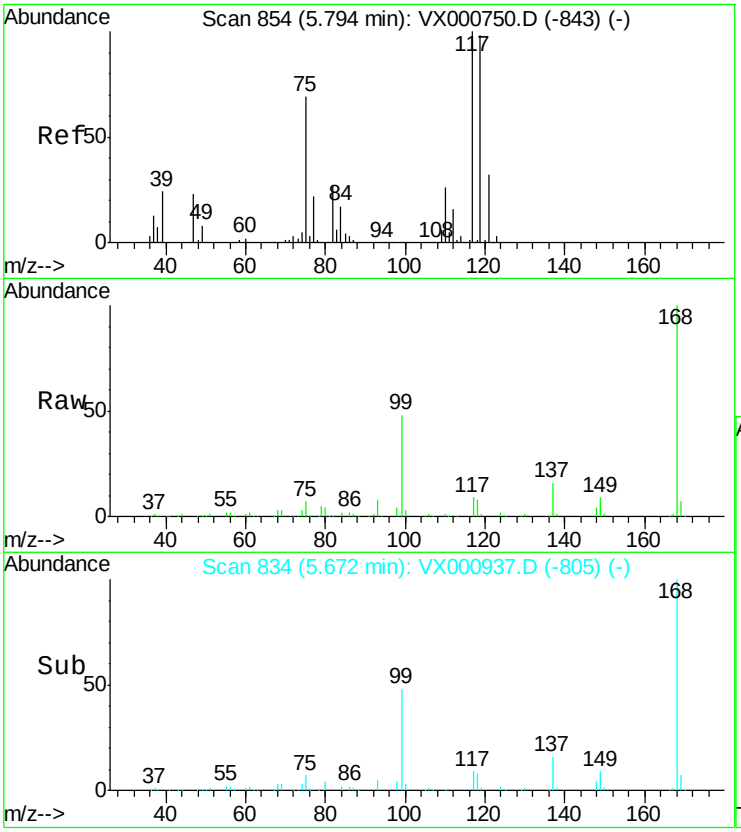


#36
1,1-Dichloropropene
Concen: 4.029 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Tgt Ion: 75 Resp: 15984

Ion	Ratio	Lower	Upper
75	100		
110	10.0	19.2	57.6#
77	0.0	25.4	38.2#



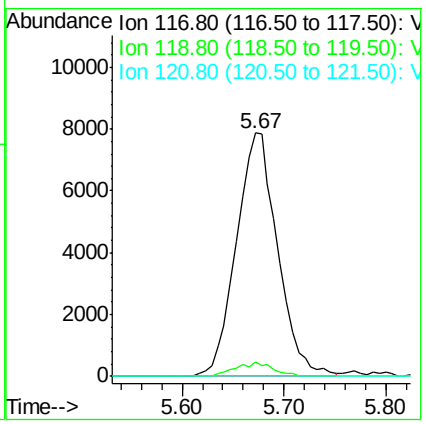


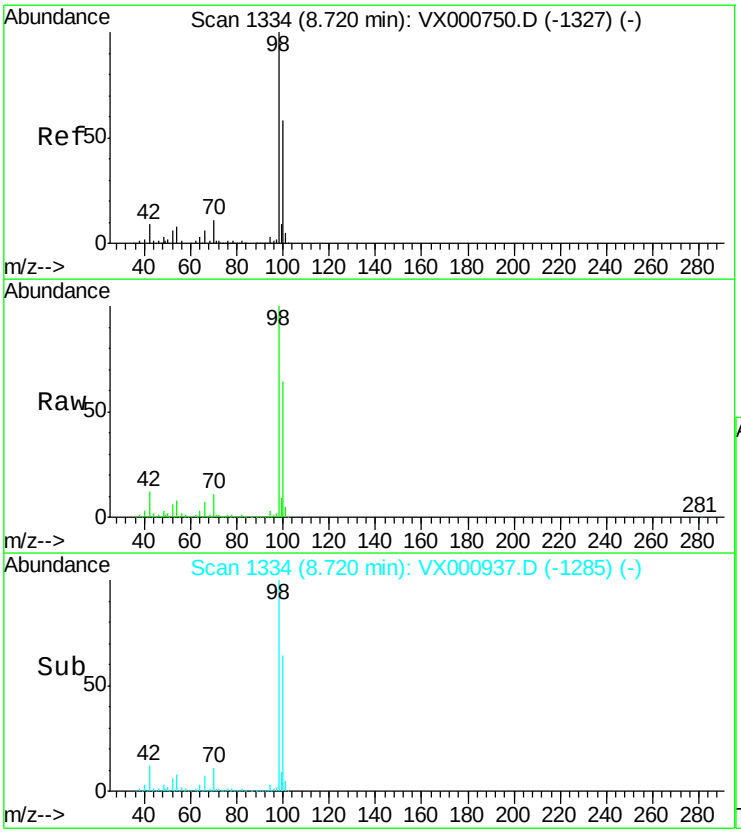
#38
Carbon Tetrachloride
Concen: 4.980 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 22113

Ion	Ratio	Lower	Upper
117	100		
119	6.1	78.4	117.6#
121	0.0	25.4	38.0#

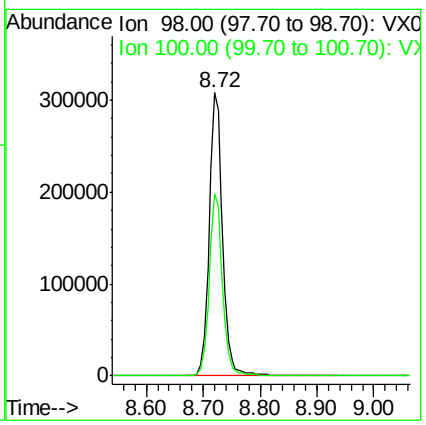


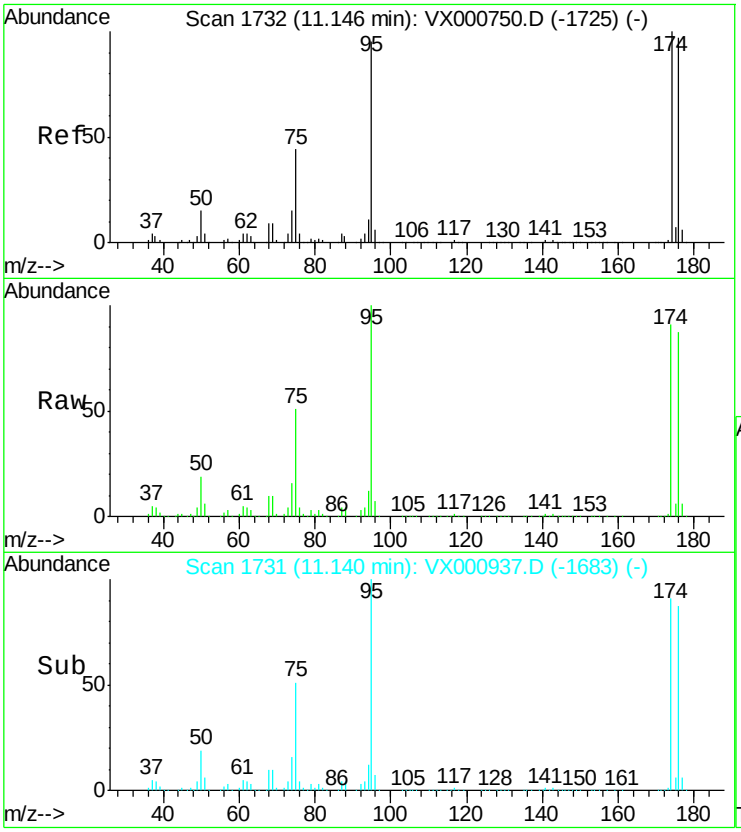


#50
Toluene-d8
Concen: 48.629 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Tgt Ion: 98 Resp: 502485

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.6	79.0



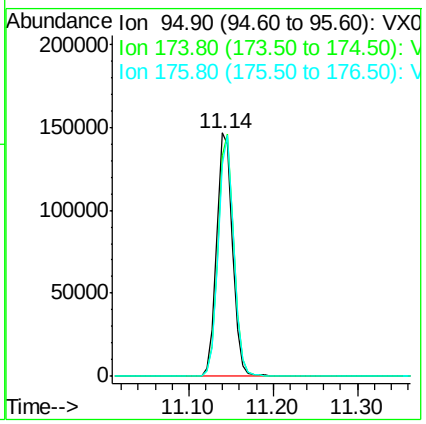


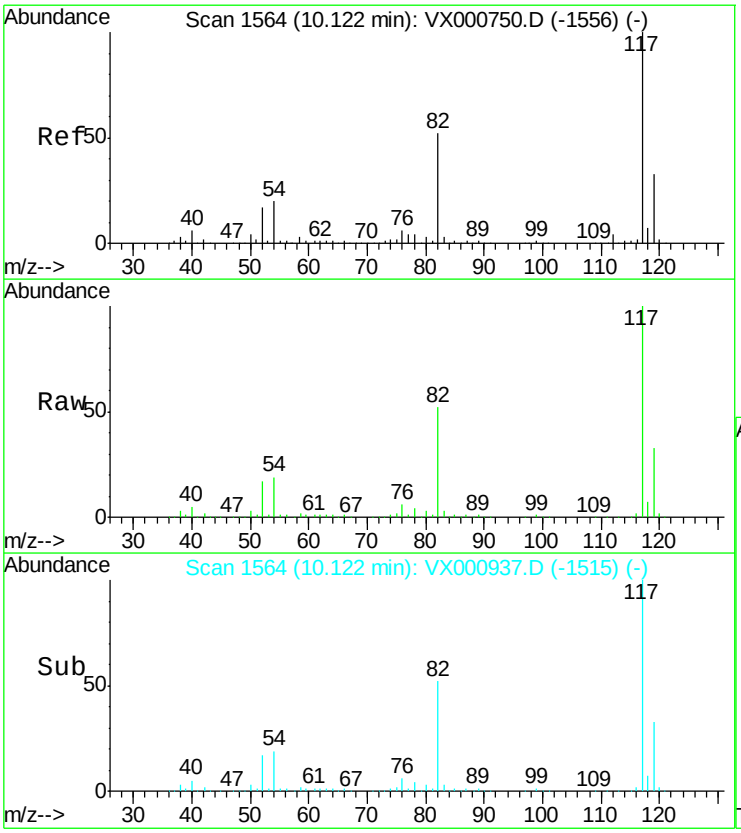
#62
4-Bromofluorobenzene
Concen: 45.043 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.01 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 192566

Ion	Ratio	Lower	Upper
95	100		
174	98.0	0.0	198.4
176	96.0	0.0	194.4

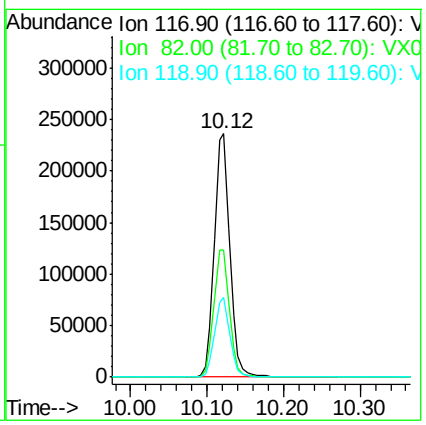


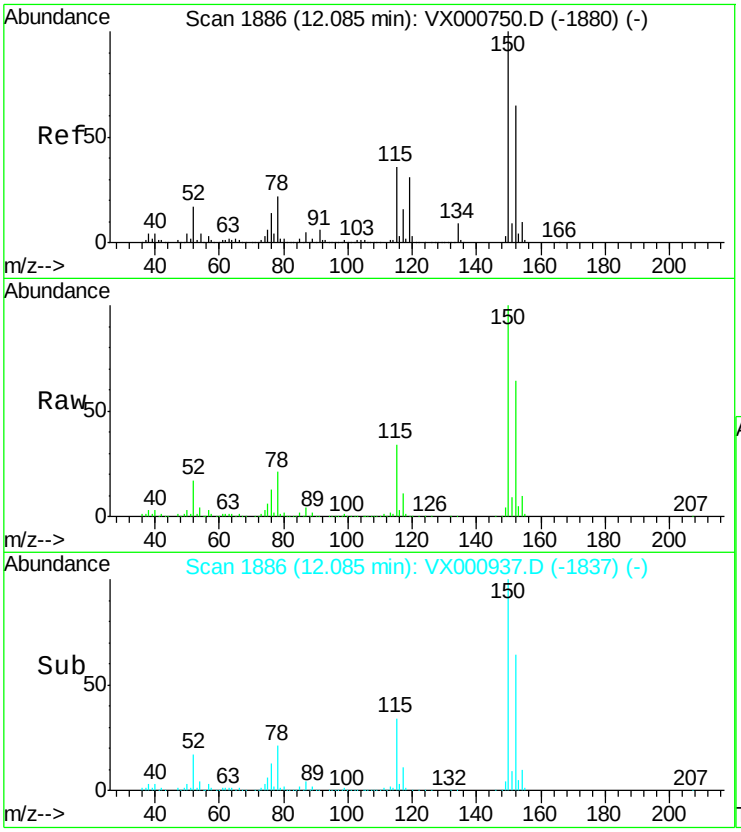


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Tgt Ion:117 Resp: 331684

Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.9	62.9
119	32.7	26.0	39.0



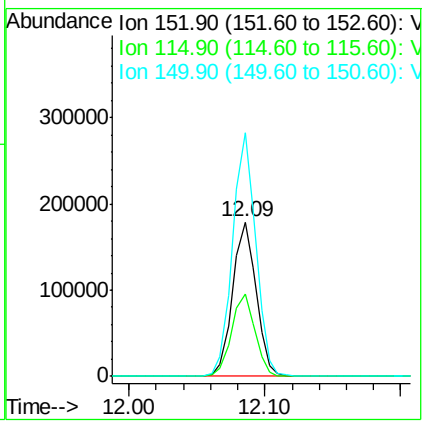


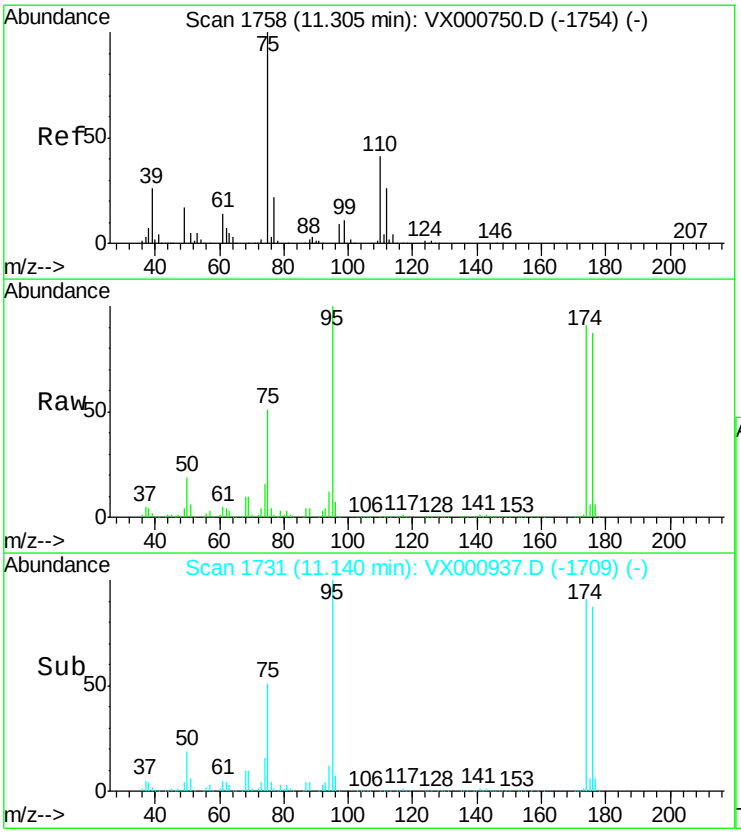
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 214645

Ion	Ratio	Lower	Upper
152	100		
115	53.4	37.9	113.7
150	155.8	0.0	348.0

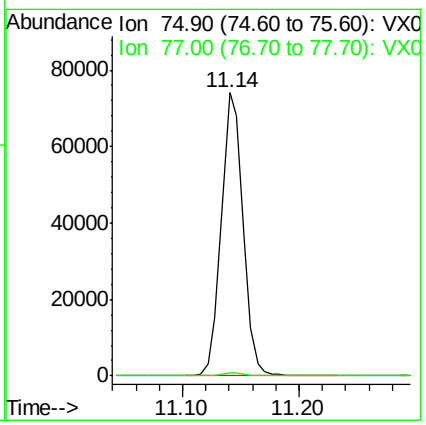


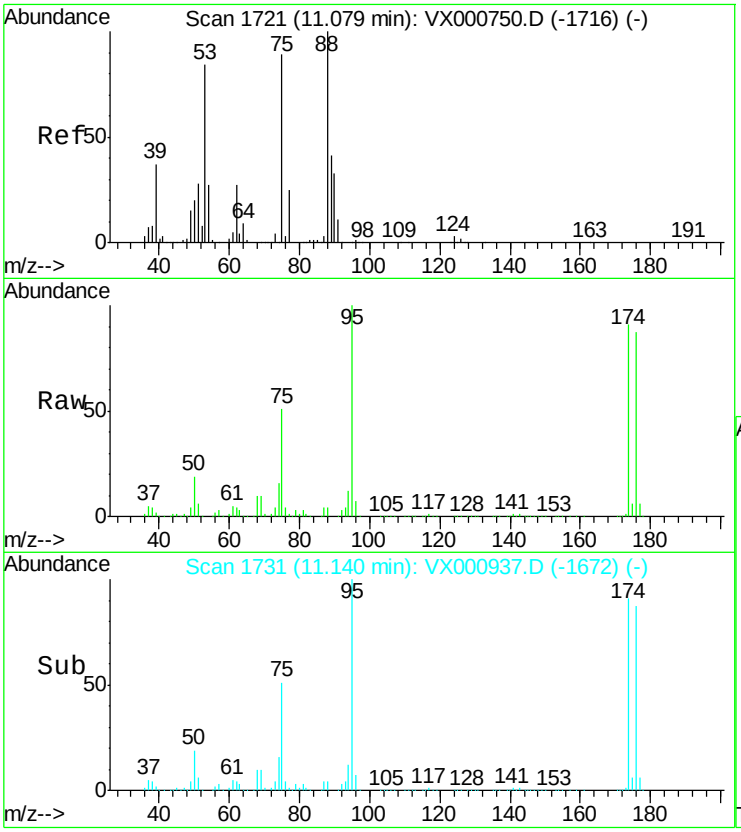


#76
1,2,3-Trichloropropane
Concen: 25.705 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Tgt Ion: 75 Resp: 95154

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.5	61.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.709 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX000937.D
Acq: 16 Apr 2018 23:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 95154

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.4	113.0#
89	0.0	40.9	61.3#