Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041718\
Data File : VX000978.D
Acq On : 17 Apr 2018 21:05
Operator : JC/MD
Sample : PB108300ZHE#03 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Apr 18 04:01:44 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	243421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	343086	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	207103	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155403	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.26%			
35) Dibromofluoromethane	5.51	113	120801	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.40%			
50) Toluene-d8	8.72	98	481260	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.80%			
62) 4-Bromofluorobenzene	11.14	95	183650	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.20%			
Target Compounds						Qvalue
5) Bromomethane	1.63	94	20	Below Cal	#	2
10) Methyl Iodide	2.52	142	41	8.249	ug/l #	42
13) Acrolein	2.30	56	98	0.370	ug/l #	63
16) Acetone	2.44	43	1780	1.682	ug/l	97
20) Methylene Chloride	2.86	84	638	0.259	ug/l #	80
25) 2-Butanone	4.72	43	589	0.337	ug/l #	50
29) Tetrahydrofuran	5.17	42	268	0.241	ug/l #	51
31) Cyclohexane	5.67	56	4303	1.064	ug/l #	18
36) 1,1-Dichloropropene	5.67	75	14646	3.876	ug/l #	49
38) Carbon Tetrachloride	5.67	117	21616	5.111	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	92360	25.859	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	92360	71.132	ug/l #	11

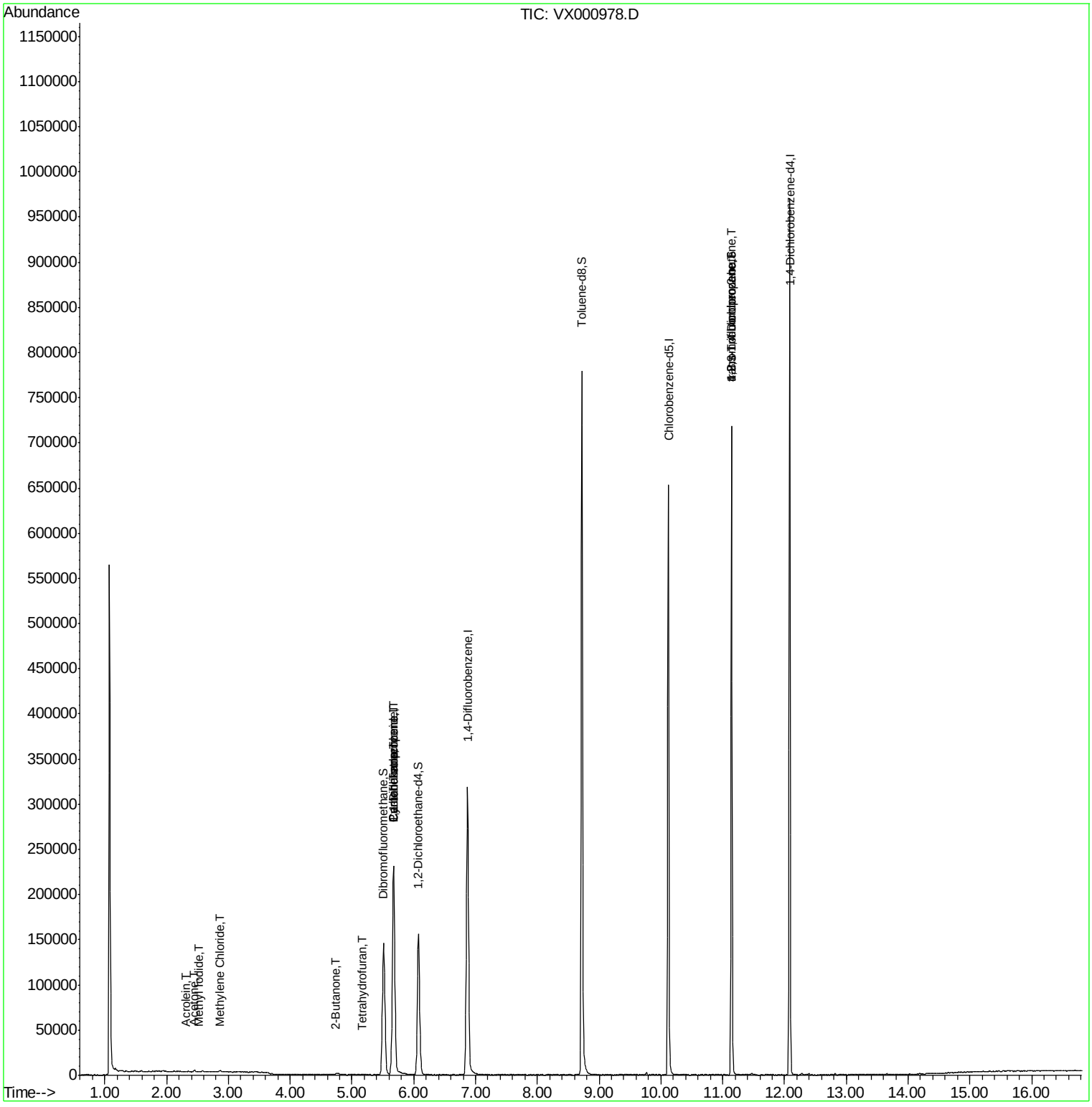
(#) = qualifier out of range (m) = manual integration (+) = signals summed

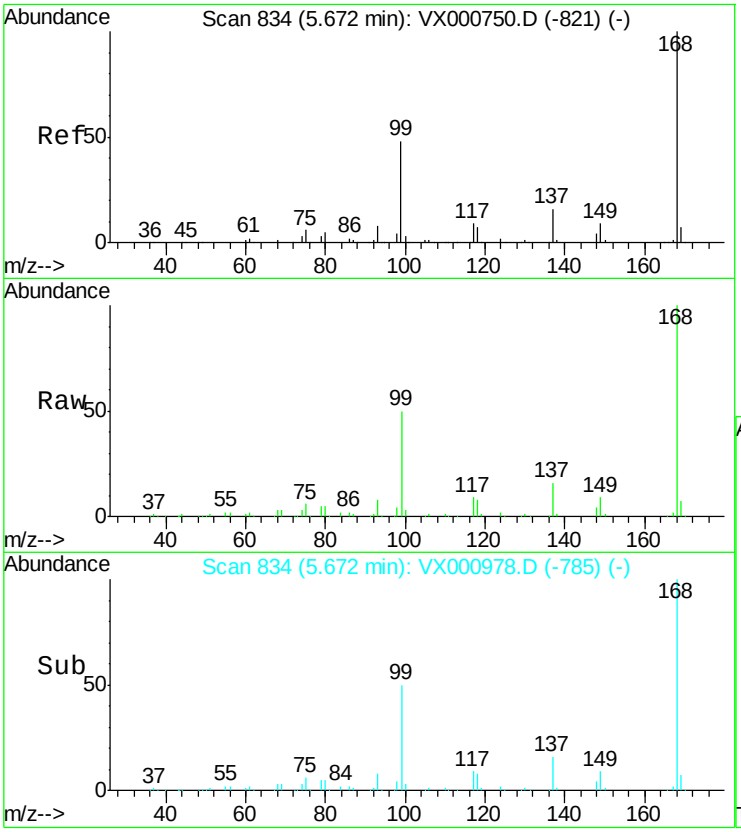
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041718\
Data File : VX000978.D
Acq On : 17 Apr 2018 21:05
Operator : JC/MD
Sample : PB108300ZHE#03 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 18 04:01:44 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



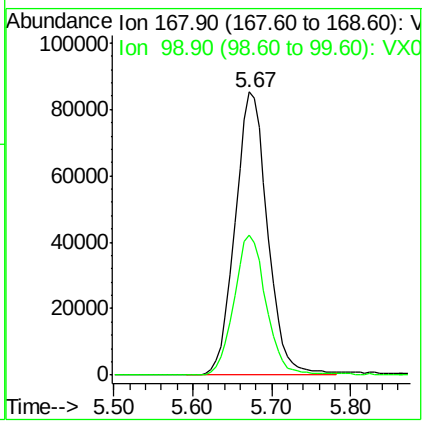


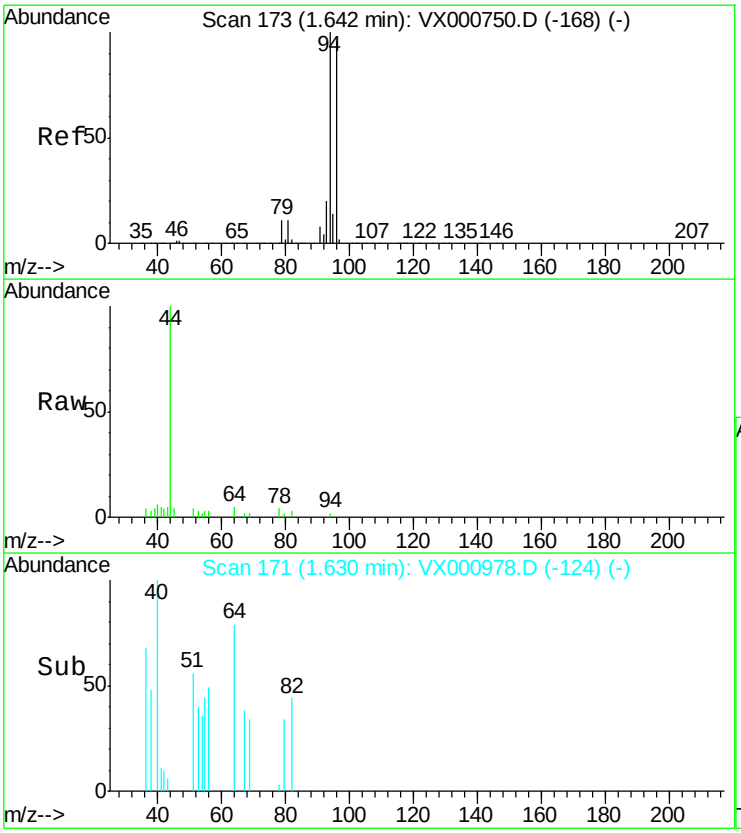
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 243421

Ion	Ratio	Lower	Upper
168	100		
99	49.7	38.3	57.5

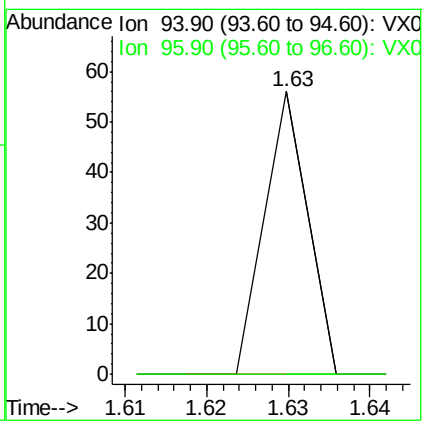


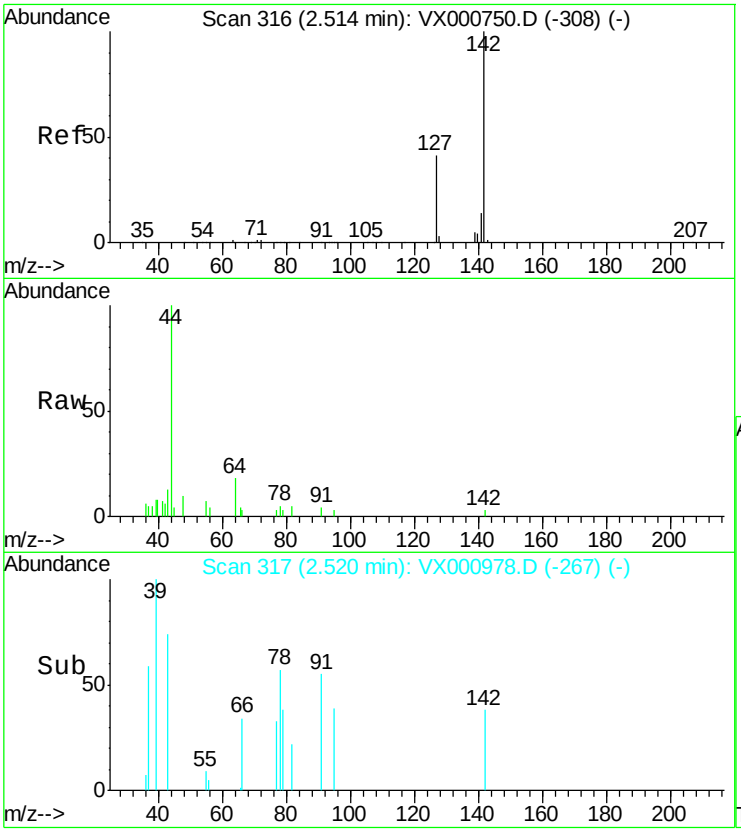


#5
Bromomethane
Concen: Below Cal
RT: 1.63 min Scan# 171
Delta R.T. -0.01 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Tgt Ion: 94 Resp: 20

Ion	Ratio	Lower	Upper
94	100		
96	0.0	77.0	115.6#



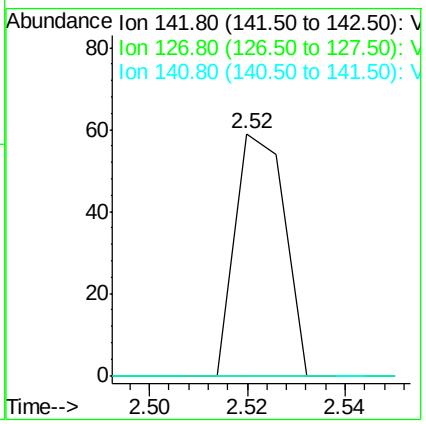


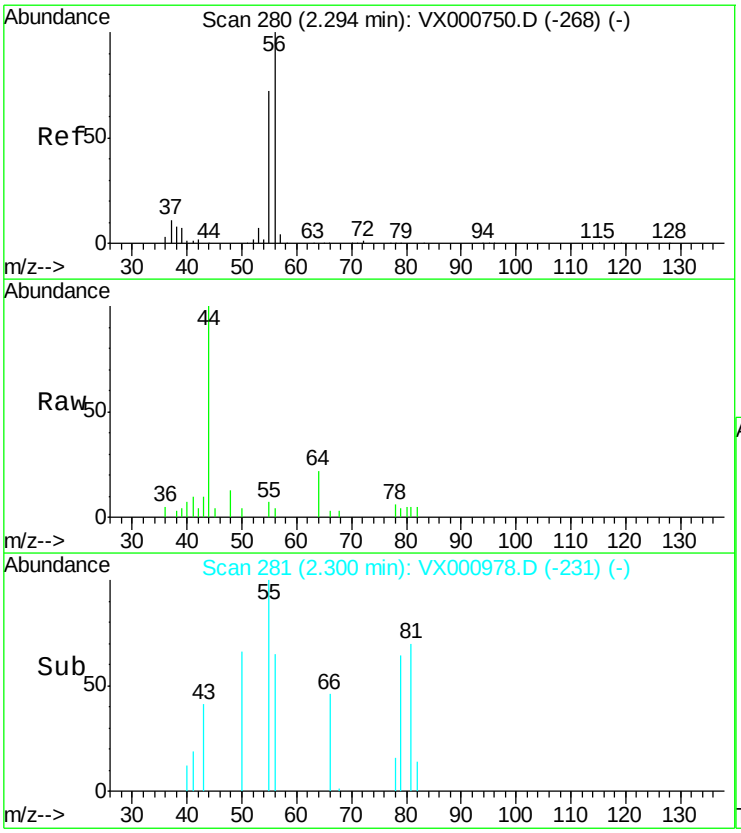
#10
Methyl Iodide
Concen: 8.249 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 41

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

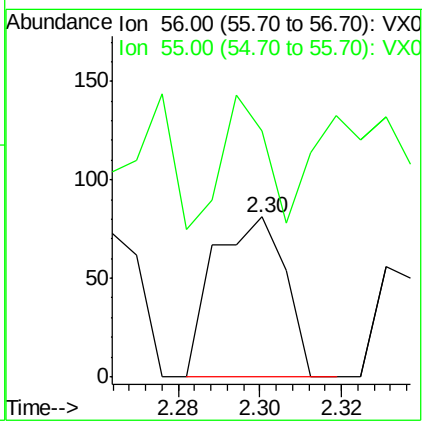


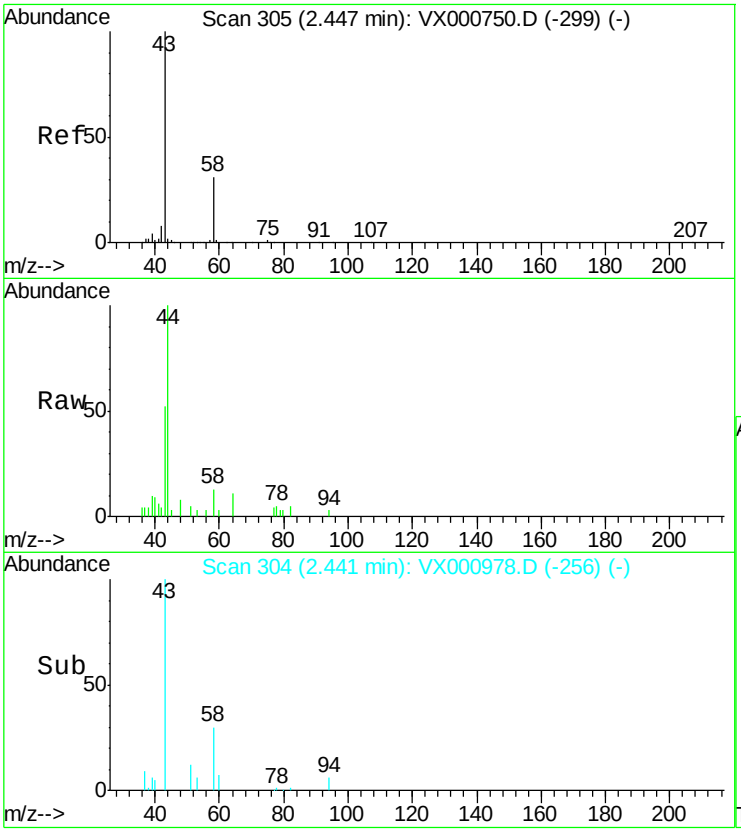


#13
Acrolein
Concen: 0.370 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Tgt Ion: 56 Resp: 98

Ion	Ratio	Lower	Upper
56	100		
55	41.8	58.7	88.1#



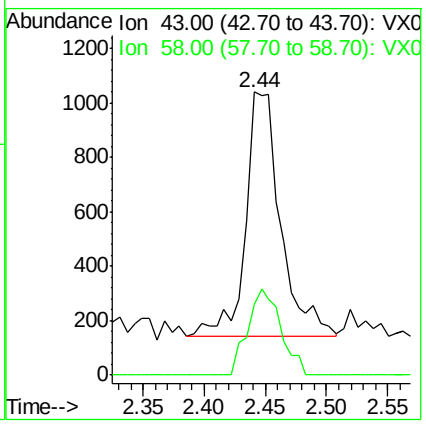


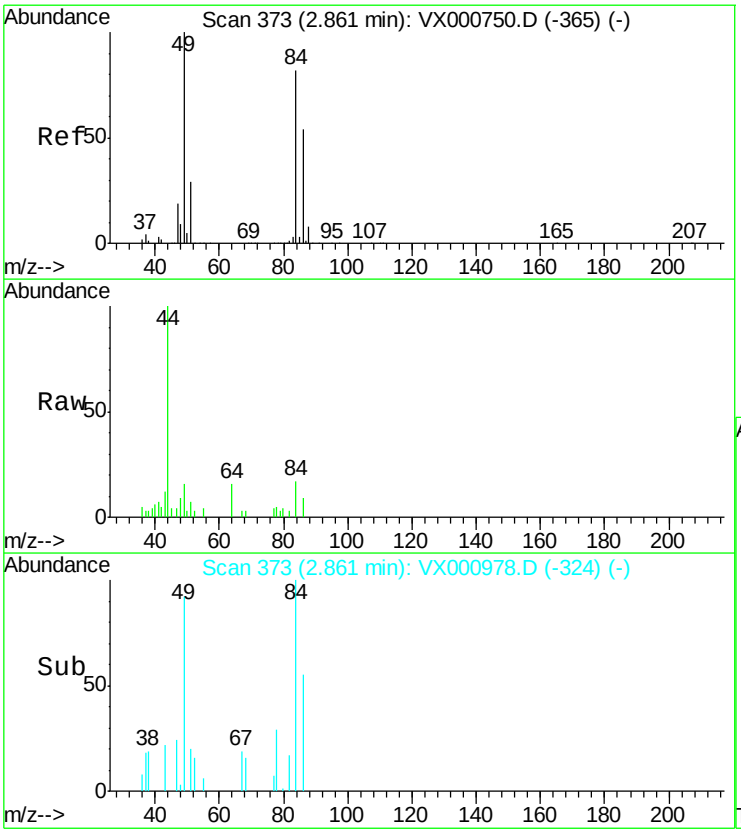
#16
Acetone
Concen: 1.682 ug/l
RT: 2.44 min Scan# 304
Delta R.T. -0.01 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1780

Ion	Ratio	Lower	Upper
43	100		
58	29.2	24.6	37.0

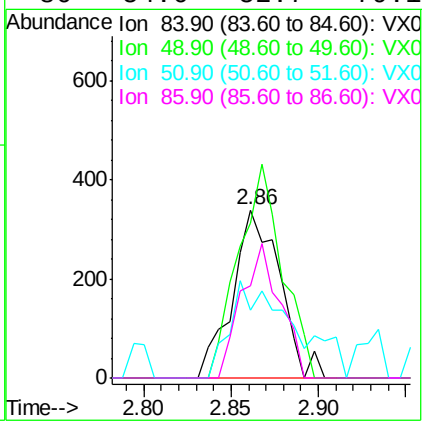


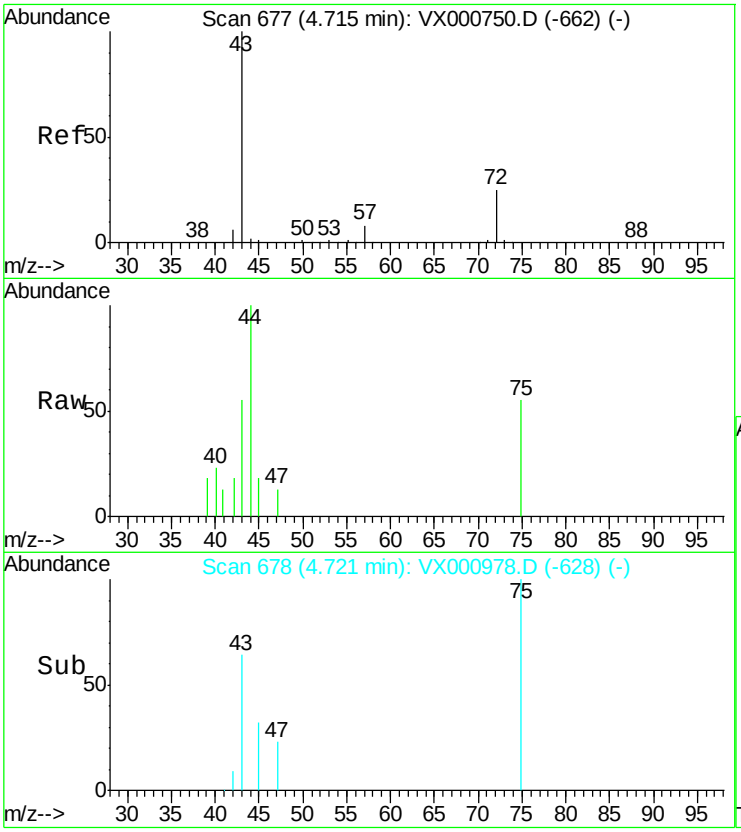


#20
Methylene Chloride
Concen: 0.259 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Tgt Ion: 84 Resp: 638

Ion	Ratio	Lower	Upper
84	100		
49	92.0	98.1	147.1#
51	40.7	28.9	43.3
86	54.6	52.7	79.1



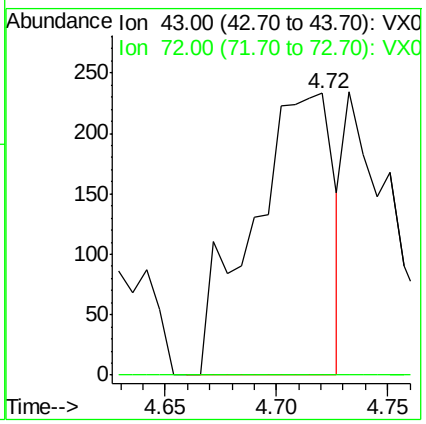


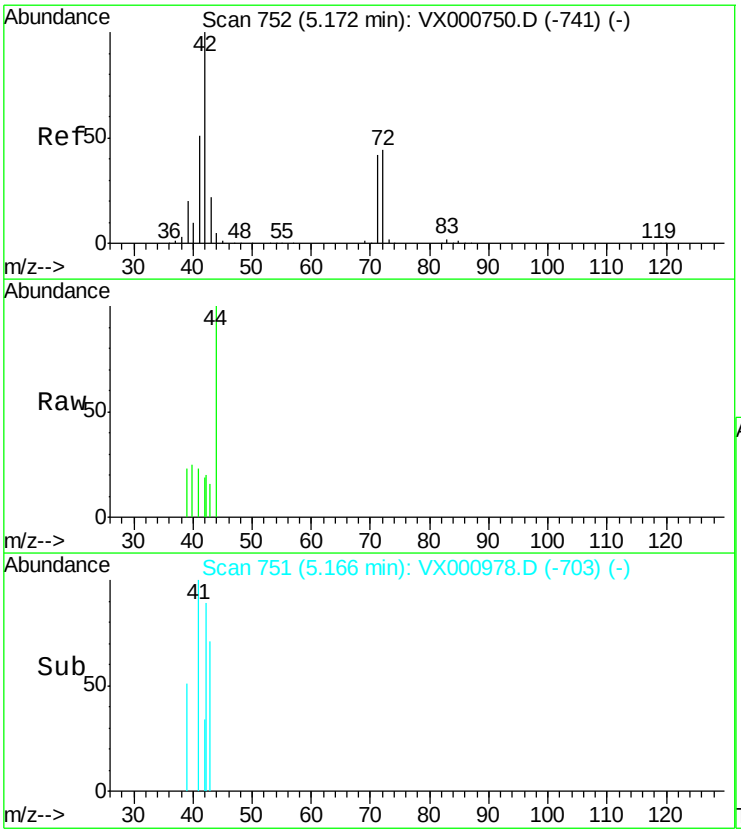
#25
2-Butanone
Concen: 0.337 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 589

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.3	30.5#

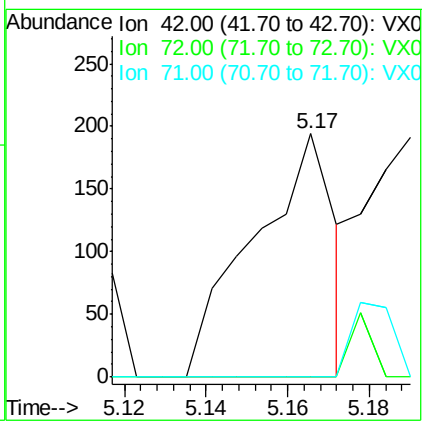


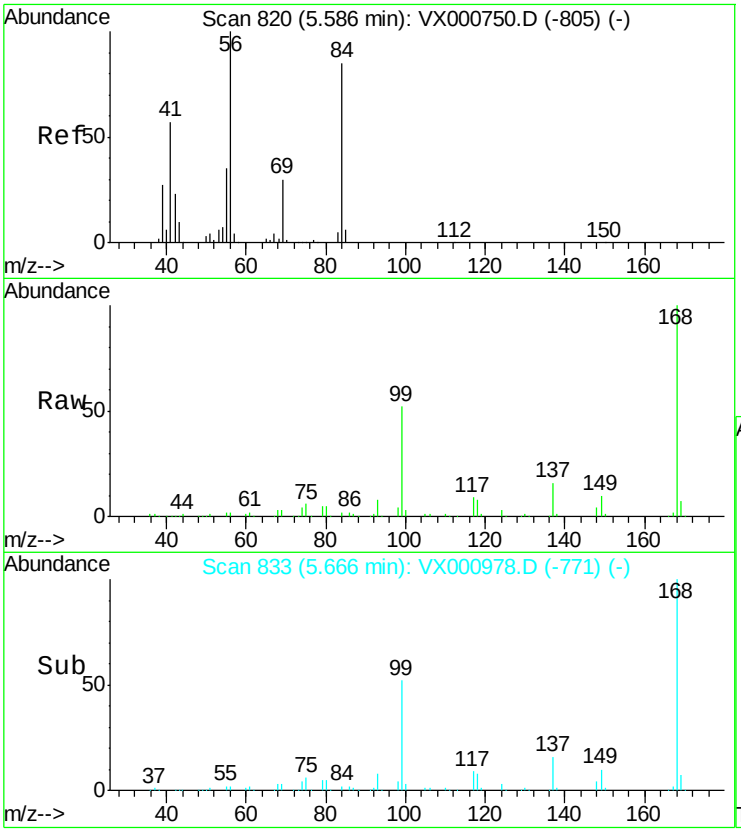


#29
Tetrahydrofuran
Concen: 0.241 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Tgt Ion: 42 Resp: 268

Ion	Ratio	Lower	Upper
42	100		
72	7.1	35.1	52.7#
71	15.7	32.8	49.2#



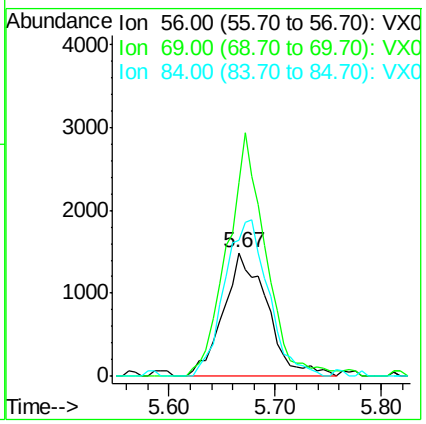


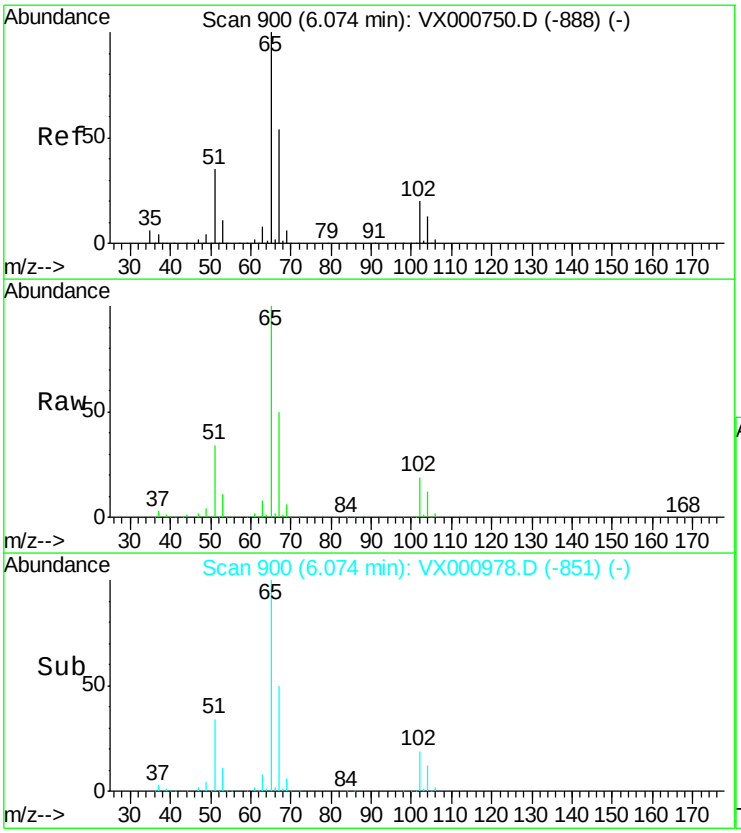
#31
Cyclohexane
Concen: 1.064 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.08 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 4303

Ion	Ratio	Lower	Upper
56	100		
69	156.6	24.2	36.4#
84	109.8	67.6	101.4#

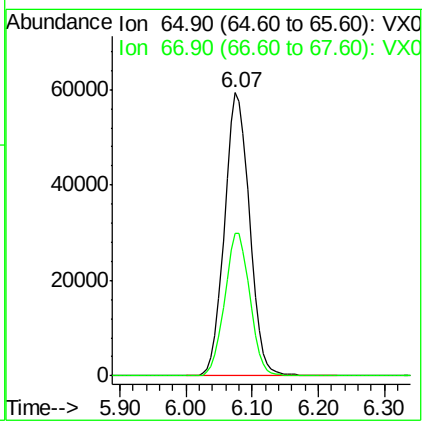


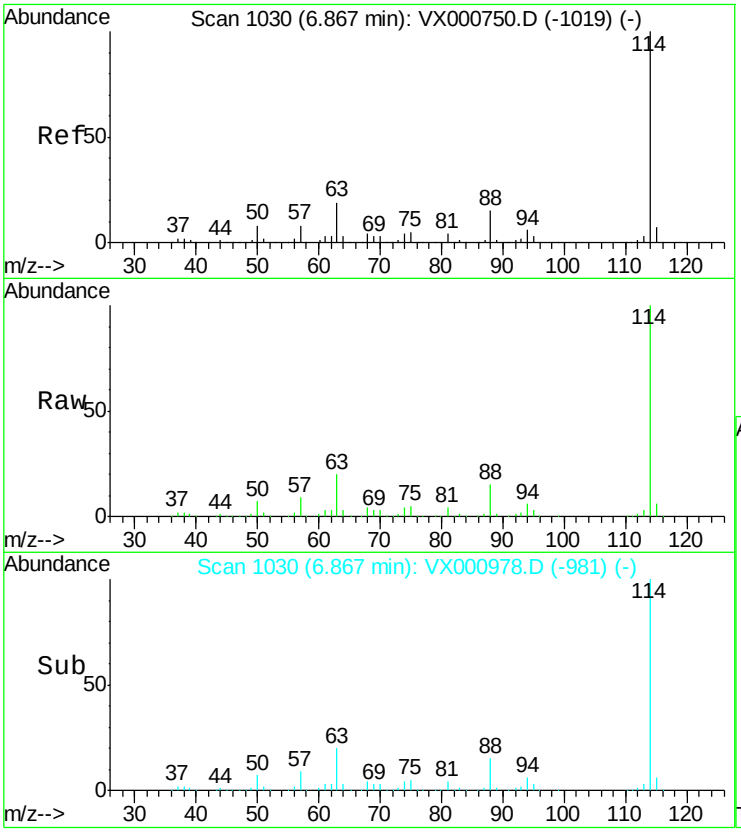


#33
1,2-Dichloroethane-d4
Concen: 50.632 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Tgt Ion: 65 Resp: 155403

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.8



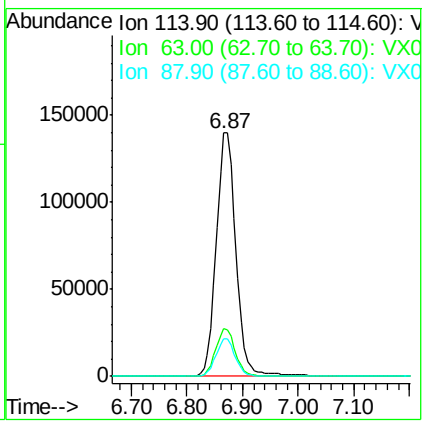


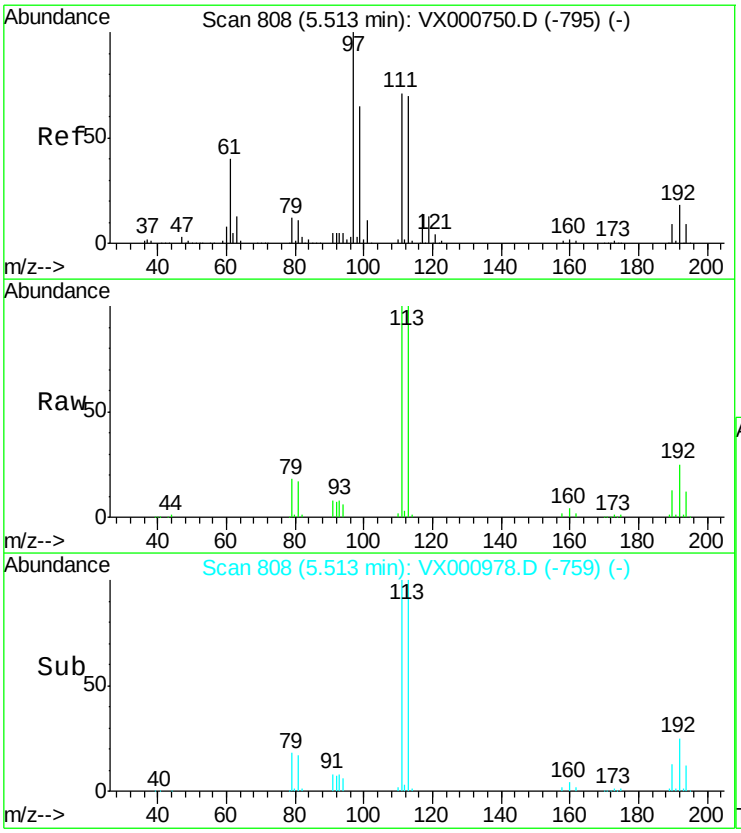
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 343086

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.4
88	15.4	0.0	31.0

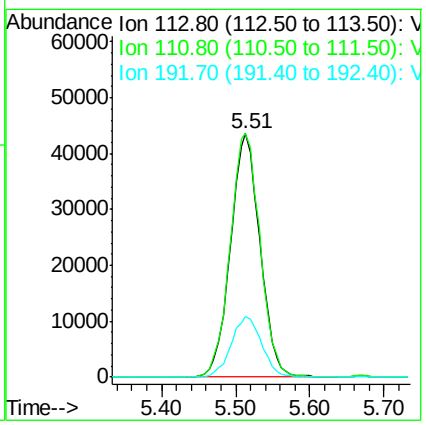


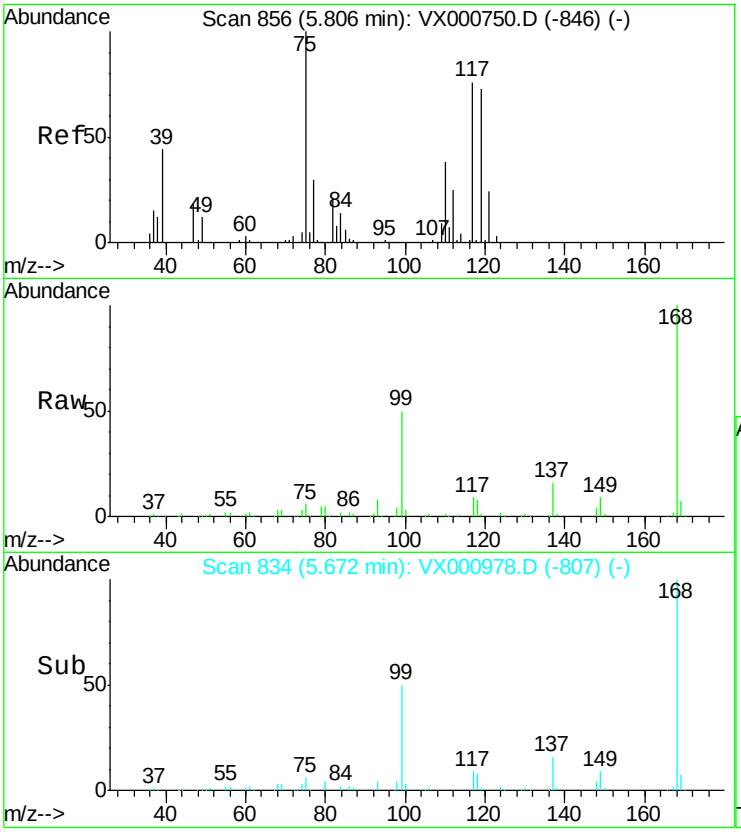


#35
Dibromofluoromethane
Concen: 45.701 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Tgt Ion:113 Resp: 120801

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.5	122.3
192	25.6	20.4	30.6



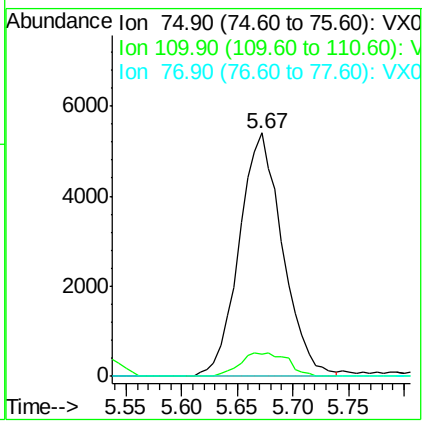


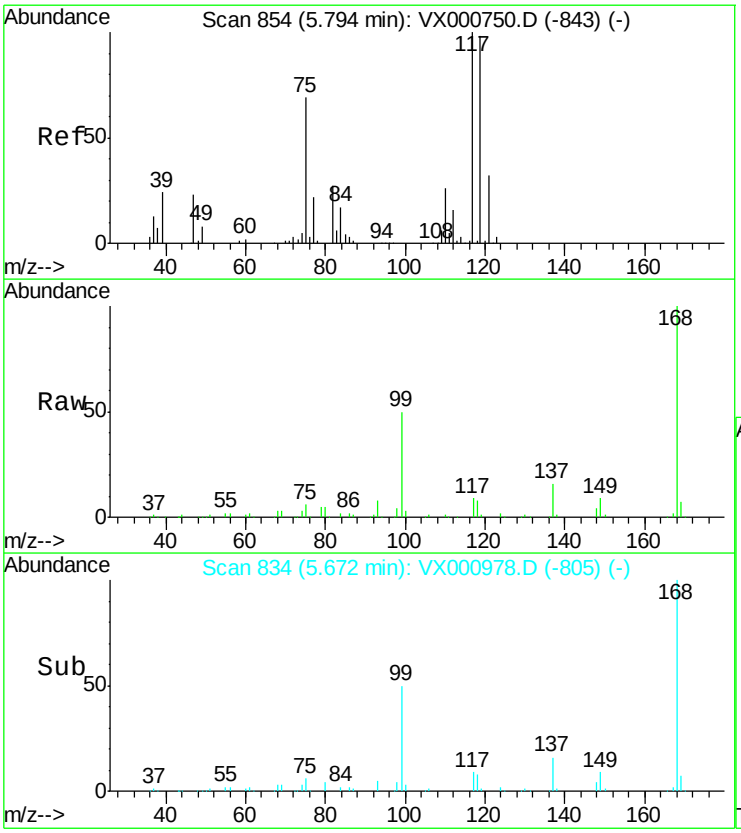
#36
1,1-Dichloropropene
Concen: 3.876 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 14646

Ion	Ratio	Lower	Upper
75	100		
110	10.6	19.2	57.6#
77	0.0	25.4	38.2#

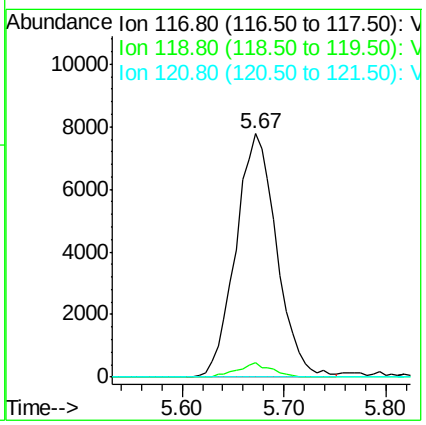


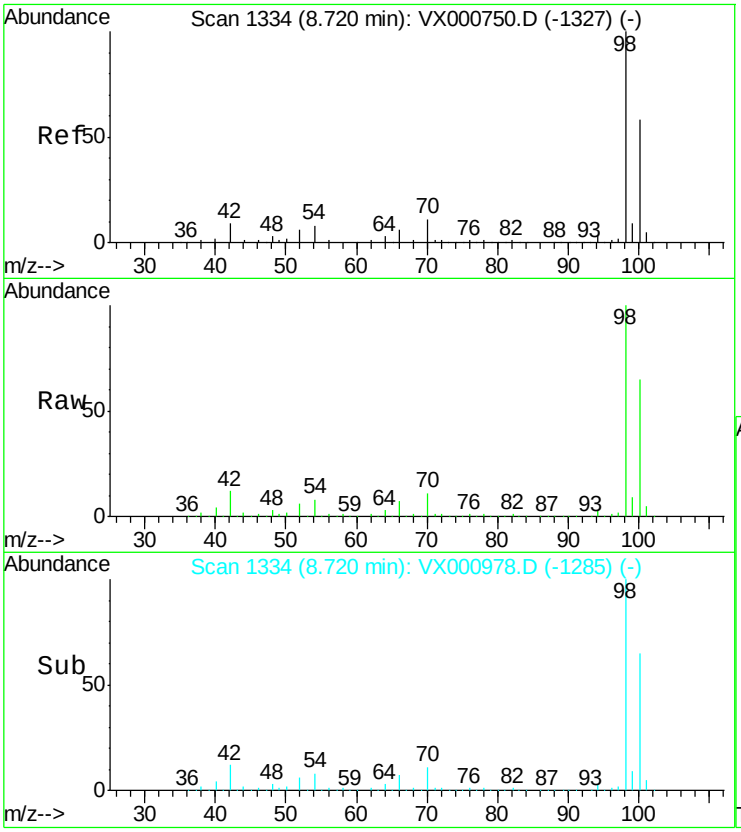


#38
Carbon Tetrachloride
Concen: 5.111 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Tgt Ion:117 Resp: 21616

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



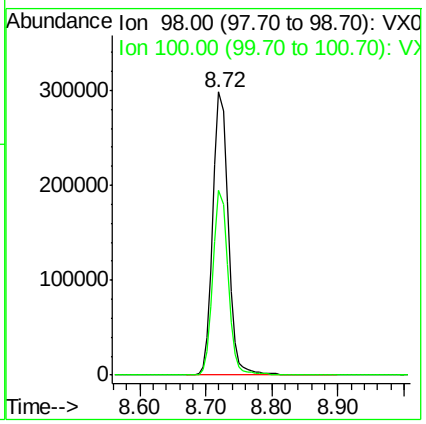


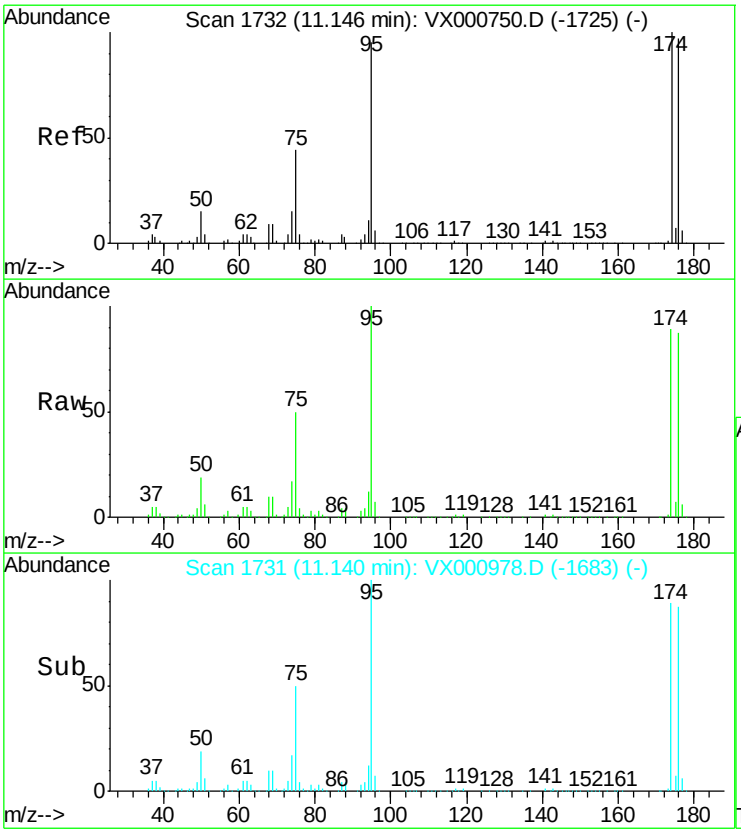
#50
Toluene-d8
Concen: 48.899 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 481260

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.6	79.0

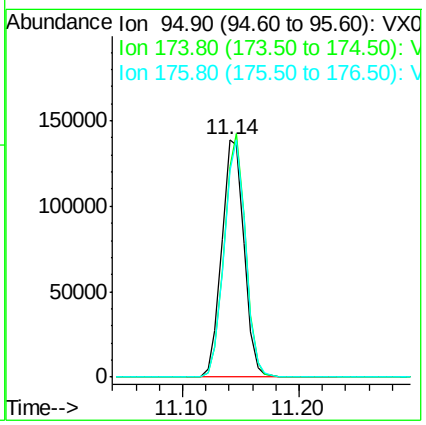


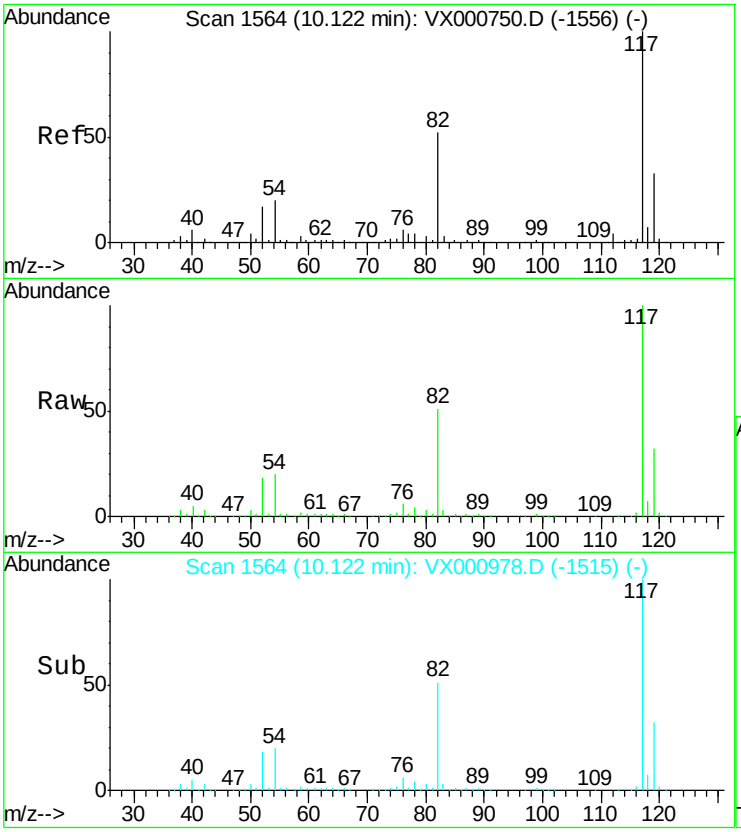


#62
4-Bromofluorobenzene
Concen: 45.102 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.01 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Tgt Ion: 95 Resp: 183650

Ion	Ratio	Lower	Upper
95	100		
174	98.2	0.0	198.4
176	96.3	0.0	194.4



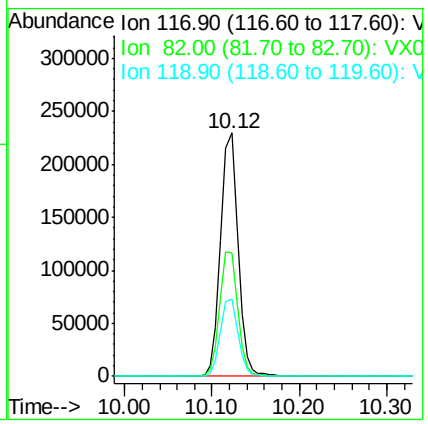


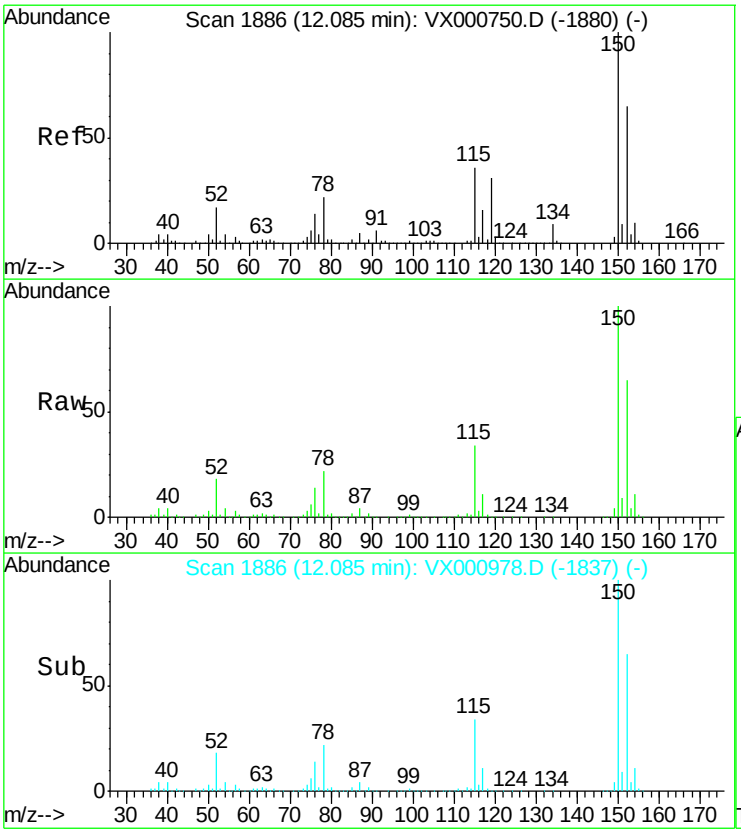
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 318048

Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.9	62.9
119	31.7	26.0	39.0

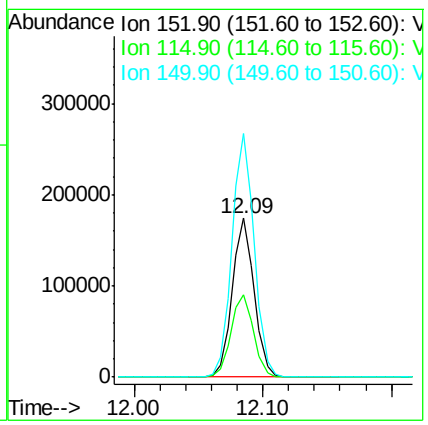


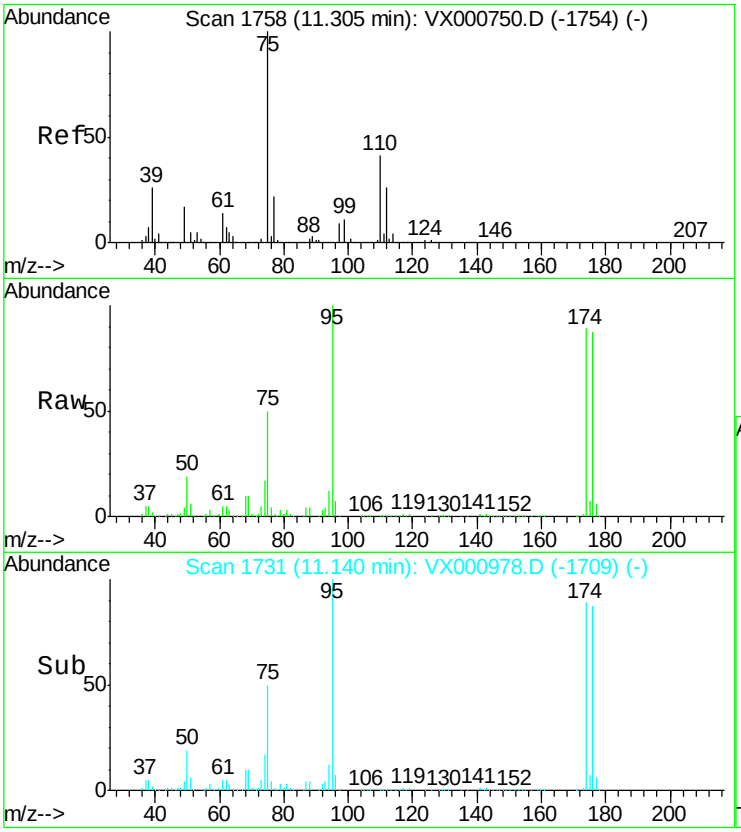


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Tgt Ion:152 Resp: 207103

Ion	Ratio	Lower	Upper
152	100		
115	53.7	37.9	113.7
150	155.6	0.0	348.0



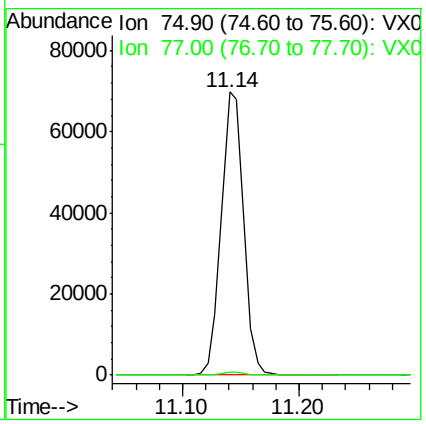


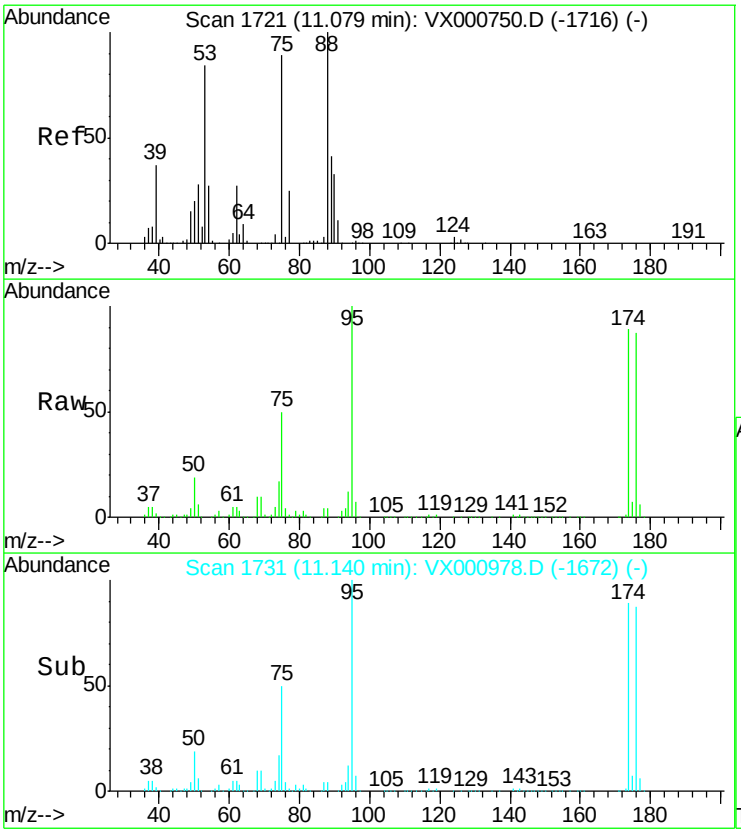
#76
1,2,3-Trichloropropane
Concen: 25.859 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 92360

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.5	61.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.132 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX000978.D
Acq: 17 Apr 2018 21:05

Tgt Ion: 75 Resp: 92360

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