Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051818\

Quantitation Report (Not Reviewed)

Data File : VX001861.D
Acq On : 19 May 2018 07:47
Operator : JC/MD
Sample : PB109413ZHE#12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB109413ZHE#12

Quant Time: May 21 03:23:48 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	366854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	146340	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	158227	42.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.92%			
35) Dibromofluoromethane	5.51	113	140199	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.58%			
50) Toluene-d8	8.72	98	509678	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.94%			
62) 4-Bromofluorobenzene	11.14	95	137415	34.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 68.84%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	800	Below Cal		86
6) Chloroethane	1.65	64	3055	1.51	ug/l #	57
8) Diethyl Ether	2.18	74	752	0.39	ug/l	59
10) Methyl Iodide	2.52	142	548	0.21	ug/l #	67
11) Tert butyl alcohol	3.08	59	337	0.52	ug/l #	84
13) Acrolein	2.29	56	134	0.29	ug/l #	15
16) Acetone	2.45	43	8211	5.68	ug/l	99
18) Methyl Acetate	2.78	43	27941	6.61	ug/l	99
20) Methylene Chloride	2.86	84	6293	2.03	ug/l	98
25) 2-Butanone	4.71	43	3497	1.58	ug/l #	89
29) Tetrahydrofuran	5.18	42	681	0.47	ug/l #	58
31) Cyclohexane	5.67	56	3844	0.83	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	15257	3.61	ug/l #	49
38) Carbon Tetrachloride	5.67	117	22340	5.05	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	64231	23.08	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.14	75	64231	67.54	ug/l #	10

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

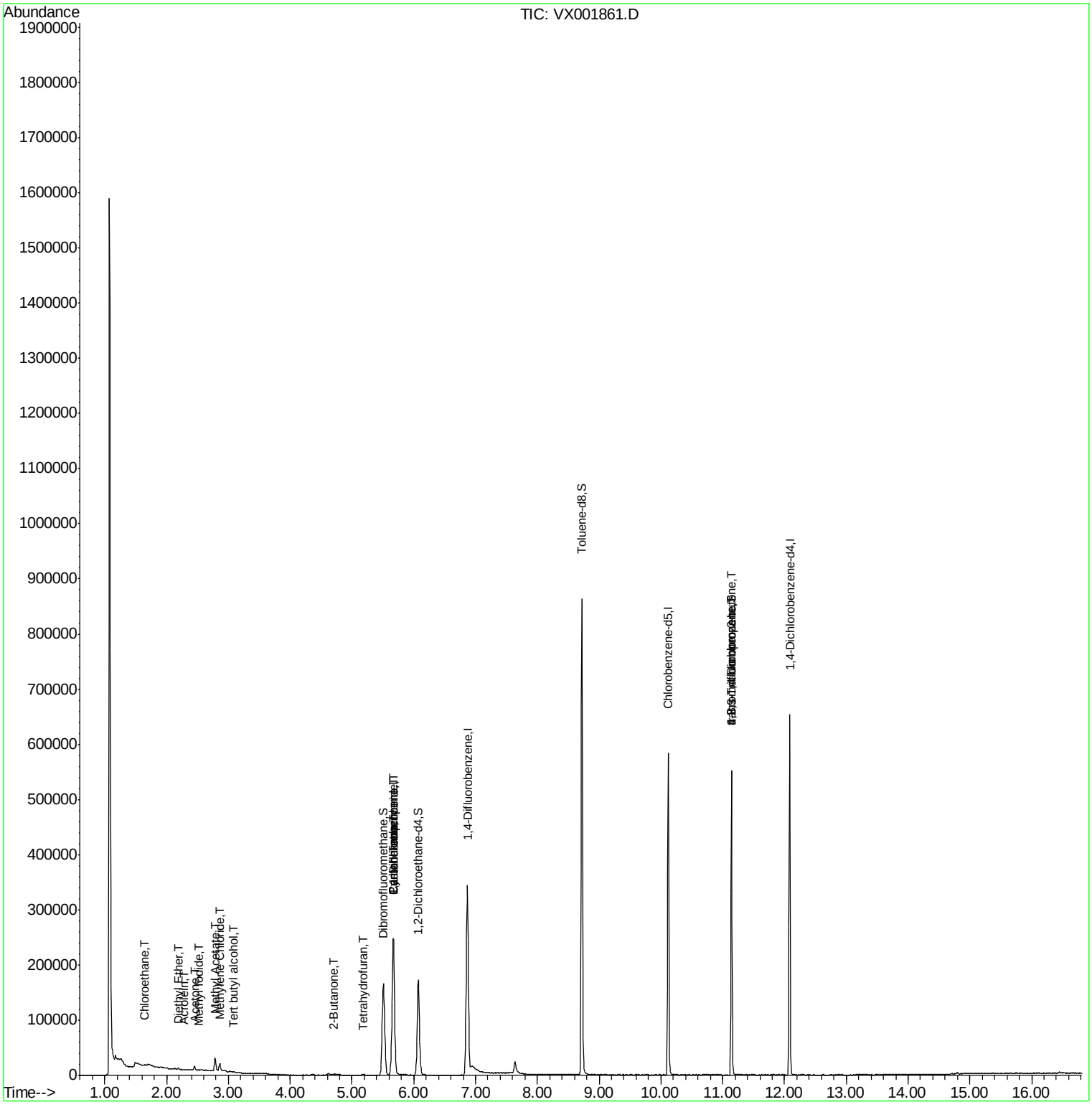
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051818\

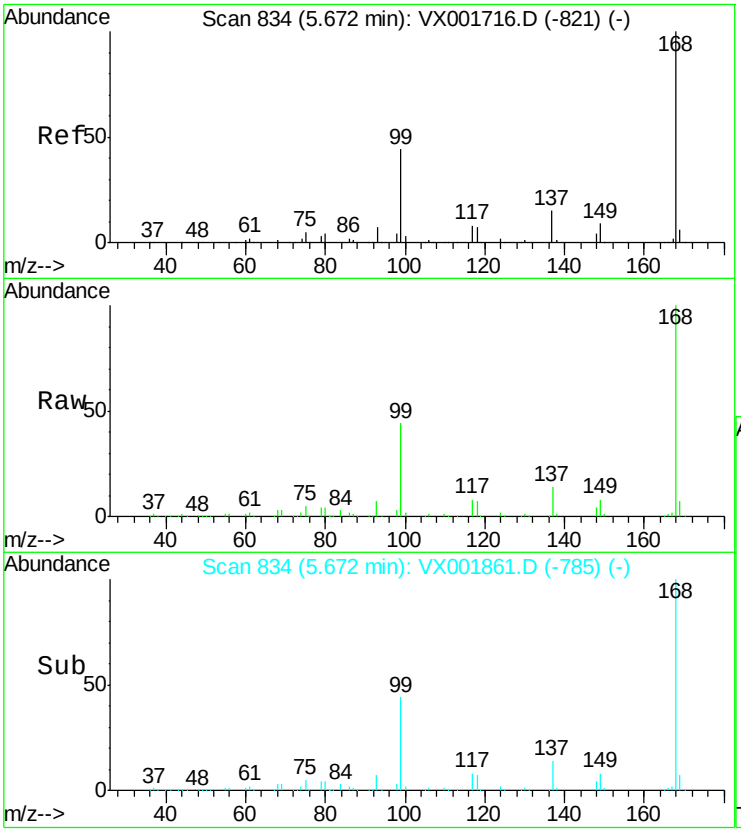
Quantitation Report (Not Reviewed)

Data File : VX001861.D
Acq On : 19 May 2018 07:47
Operator : JC/MD
Sample : PB109413ZHE#12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB109413ZHE#12

Quant Time: May 21 03:23:48 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration



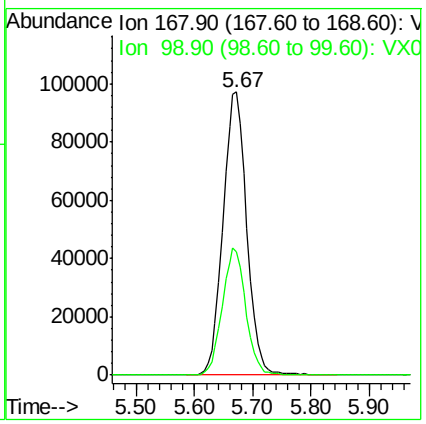


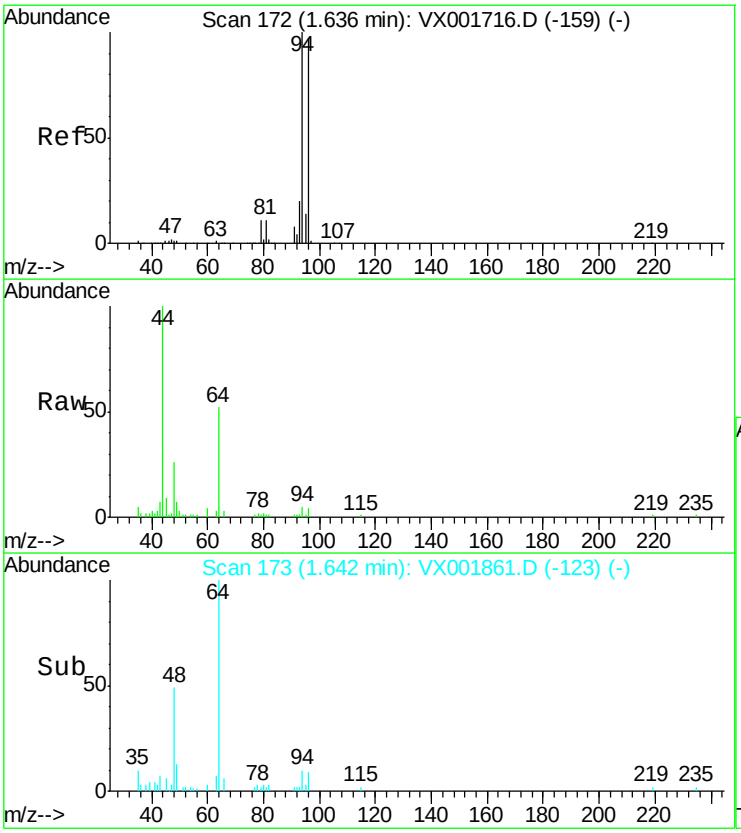
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#12

Tgt Ion:168 Resp: 274794

Ion	Ratio	Lower	Upper
168	100		
99	43.6	35.0	52.4

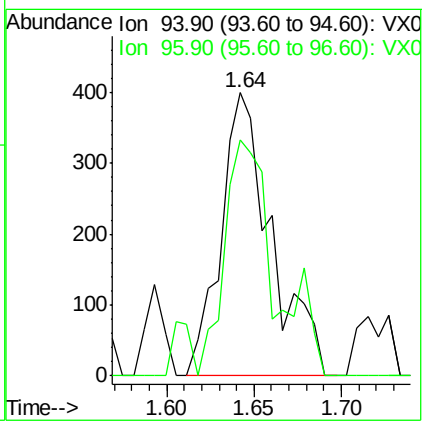


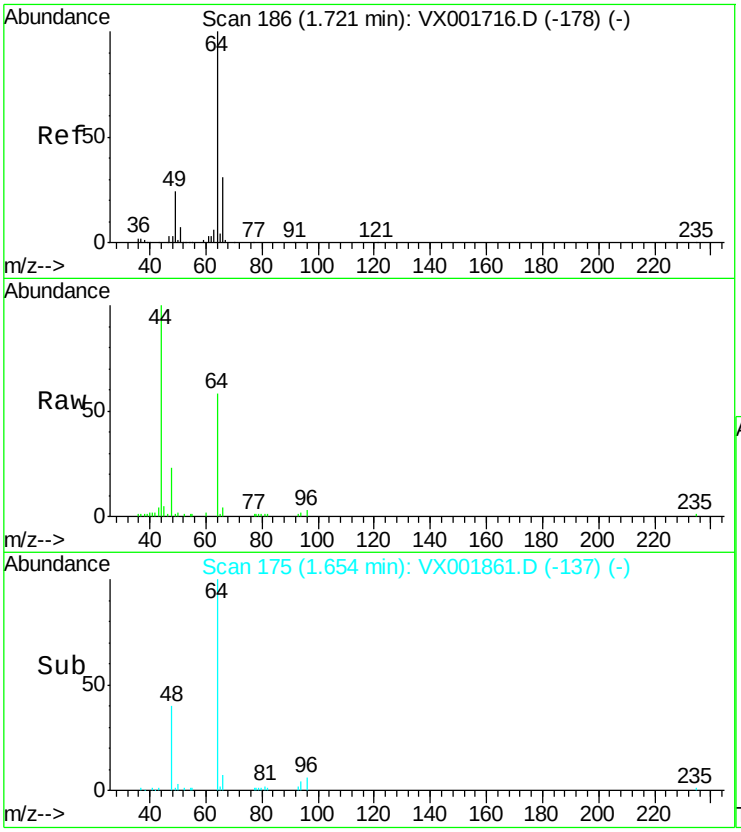


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 173
Delta R.T. 0.01 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Tgt Ion: 94 Resp: 800

Ion	Ratio	Lower	Upper
94	100		
96	83.2	77.4	116.0



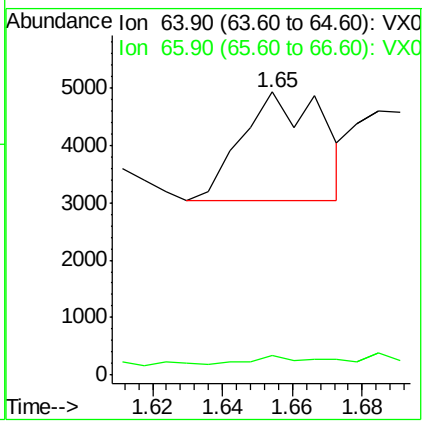


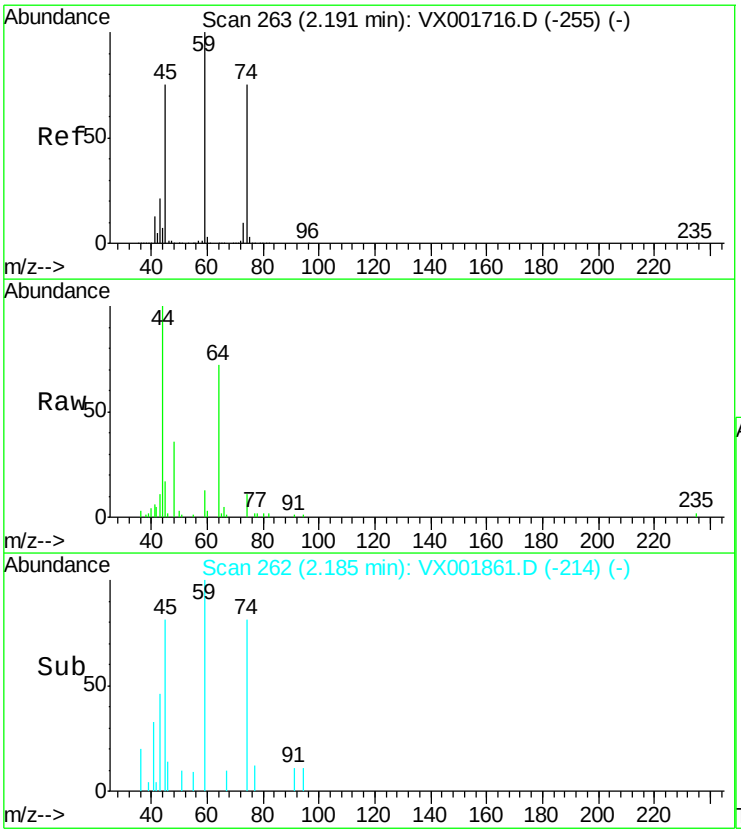
#6
Chloroethane
Concen: 1.51 ug/l
RT: 1.65 min Scan# 175
Delta R.T. -0.07 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Instrument : MSVOA_X
ClientSampleId : PB109413ZHE#12

Tgt Ion: 64 Resp: 3055

Ion	Ratio	Lower	Upper
64	100		
66	7.7	25.2	37.8#

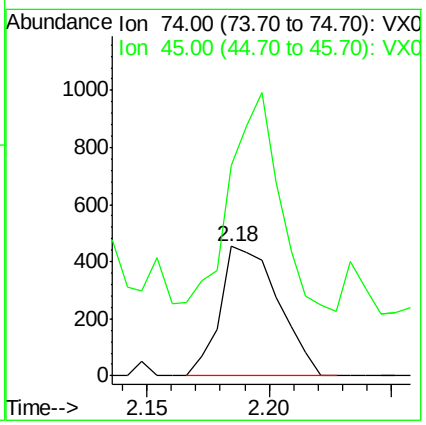


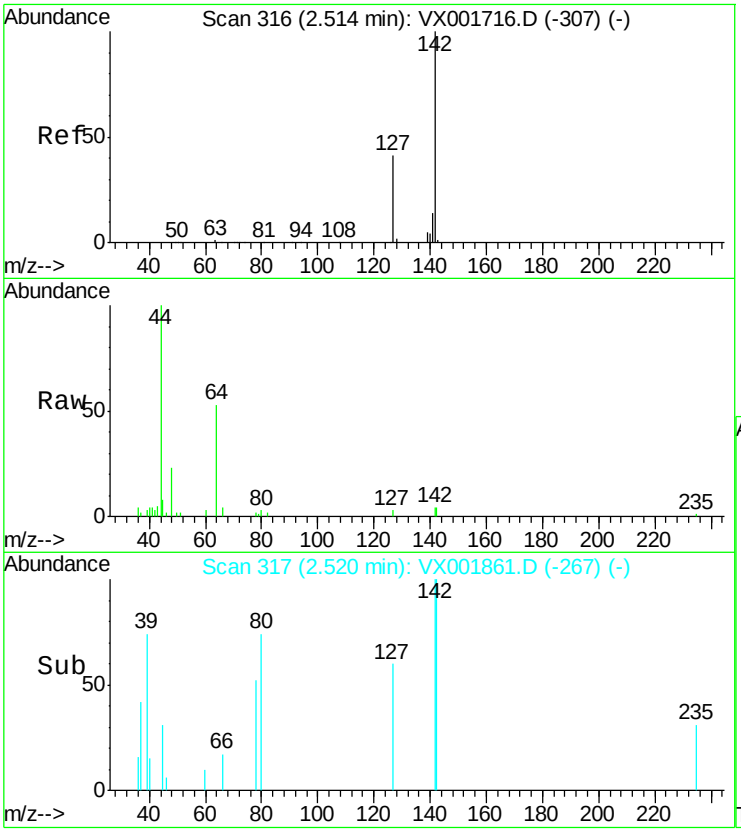


#8
Diethyl Ether
Concen: 0.39 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.01 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Tgt Ion: 74 Resp: 752

Ion	Ratio	Lower	Upper
74	100		
45	141.2	50.0	149.8



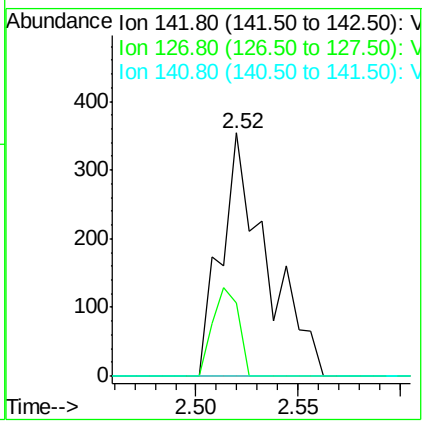


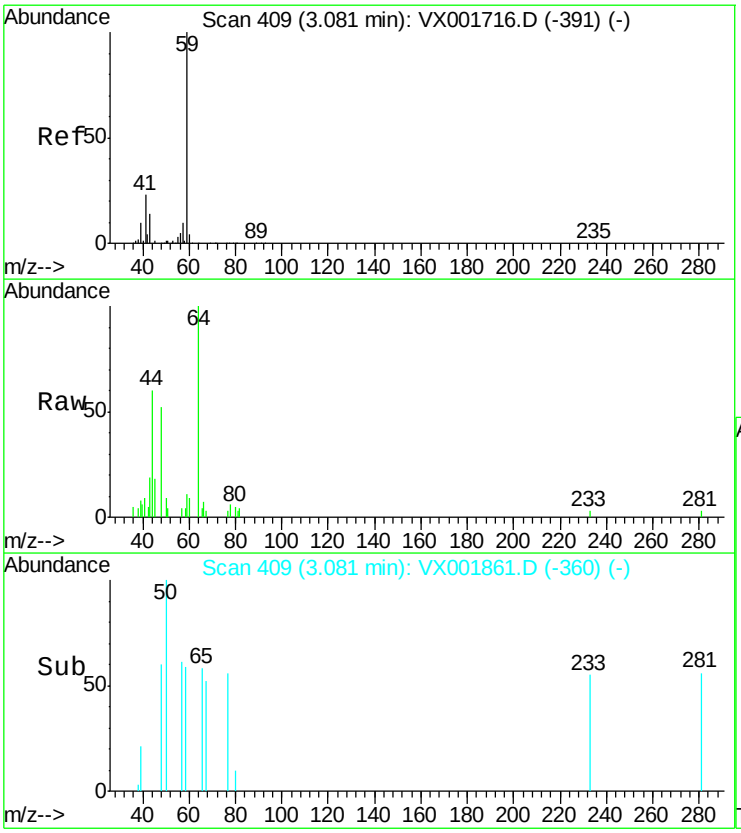
#10
Methyl Iodide
Concen: 0.21 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#12

Tgt Ion:142 Resp: 548

Ion	Ratio	Lower	Upper
142	100		
127	20.8	32.5	48.7#
141	0.0	11.4	17.0#

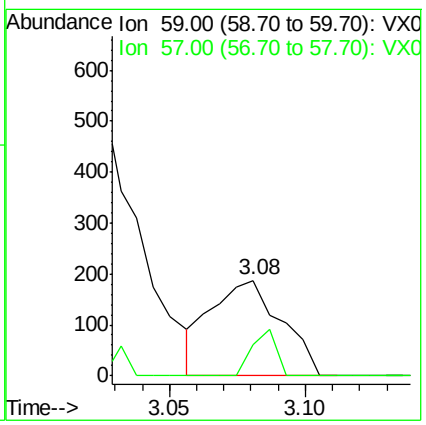


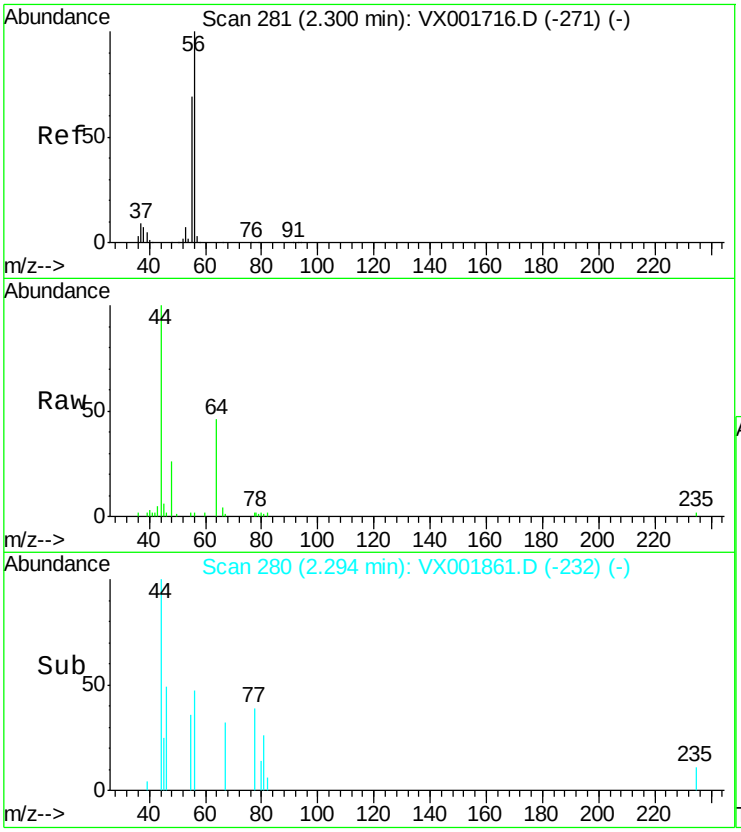


#11
Tert butyl alcohol
Concen: 0.52 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Tgt Ion: 59 Resp: 337

Ion	Ratio	Lower	Upper
59	100		
57	16.6	8.5	12.7#



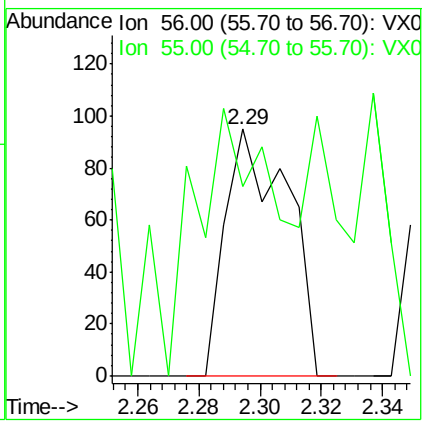


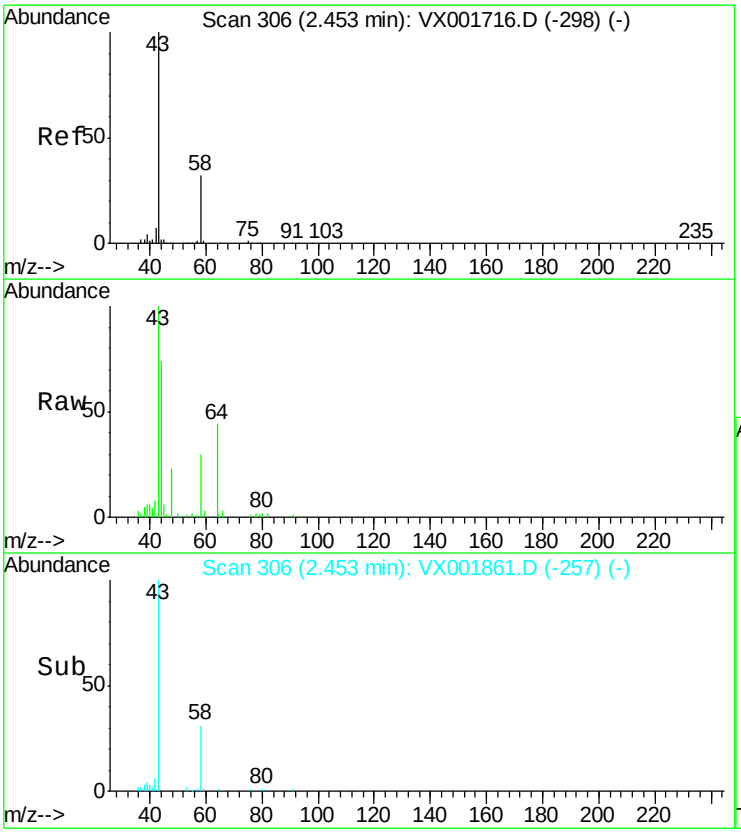
#13
Acrolein
Concen: 0.29 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#12

Tgt Ion: 56 Resp: 134

Ion	Ratio	Lower	Upper
56	100		
55	140.3	56.2	84.2#

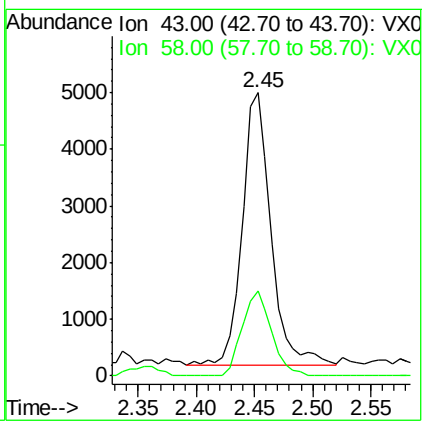


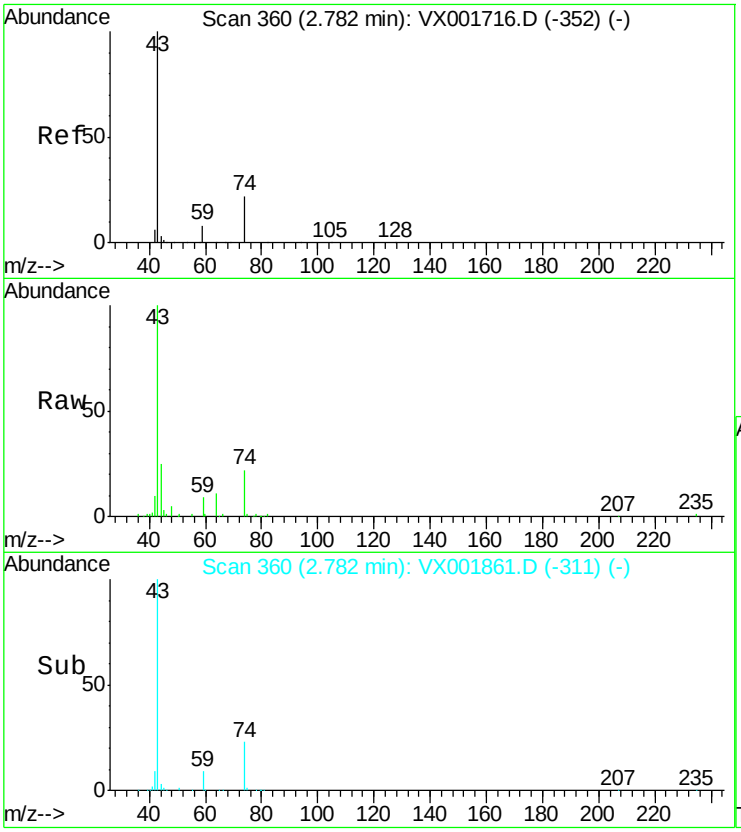


#16
Acetone
Concen: 5.68 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Tgt Ion: 43 Resp: 8211

Ion	Ratio	Lower	Upper
43	100		
58	31.1	25.3	37.9



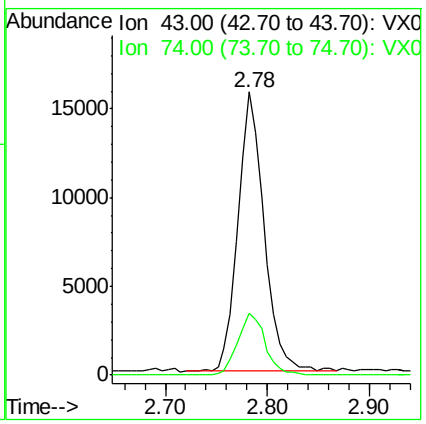


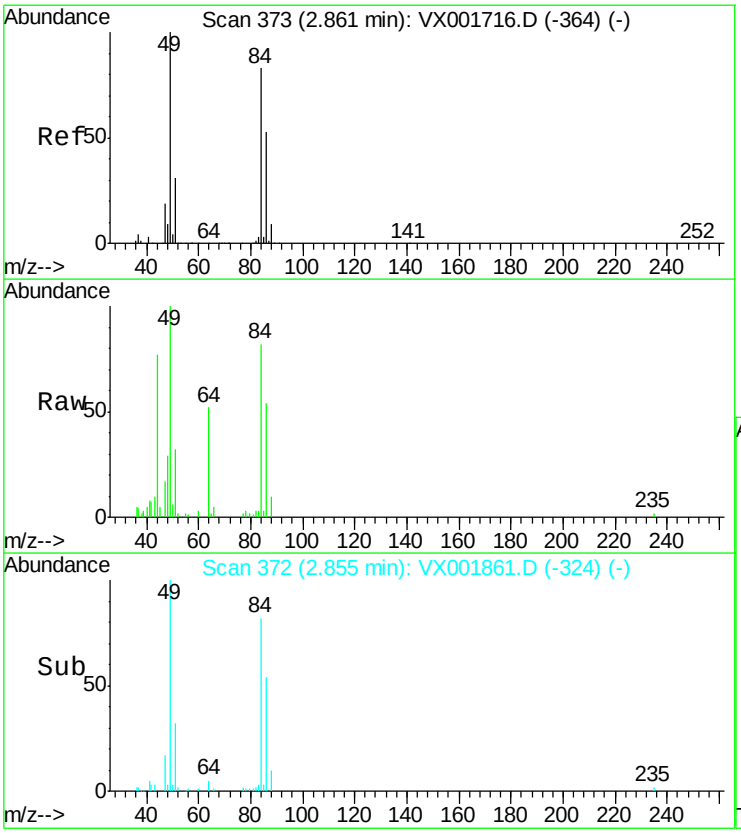
#18
Methyl Acetate
Concen: 6.61 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#12

Tgt Ion: 43 Resp: 27941

Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.2	27.2

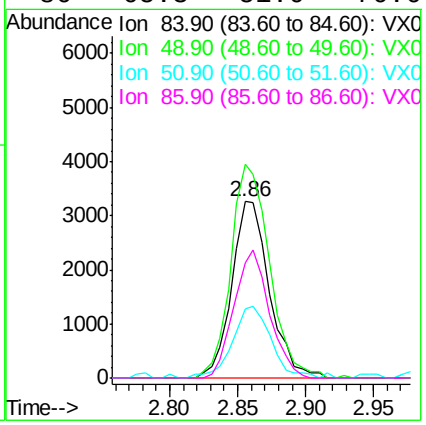


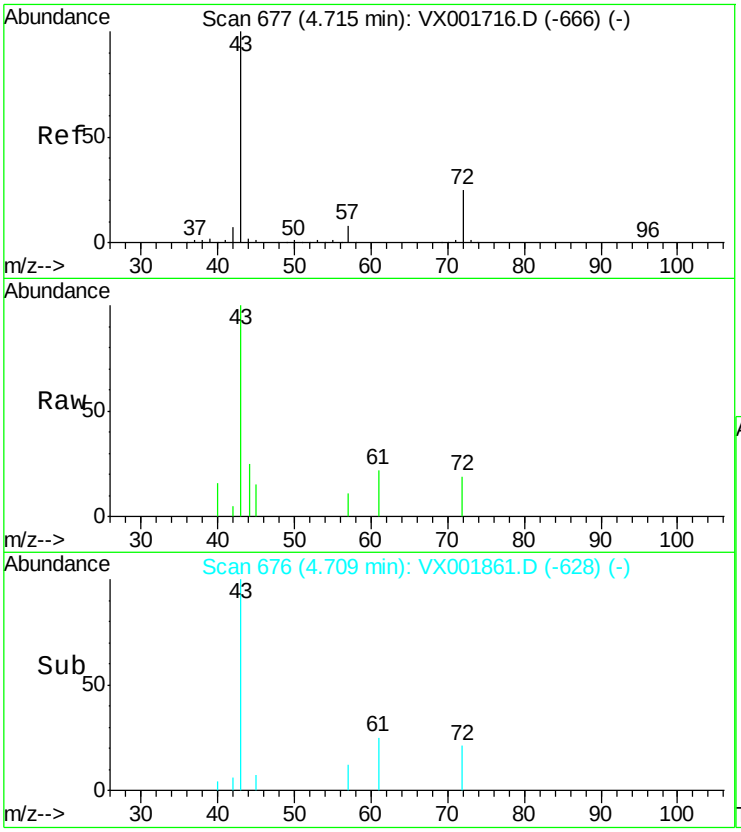


#20
Methylene Chloride
Concen: 2.03 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Tgt Ion: 84 Resp: 6293

Ion	Ratio	Lower	Upper
84	100		
49	121.2	96.3	144.5
51	39.2	29.8	44.6
86	65.3	51.0	76.6



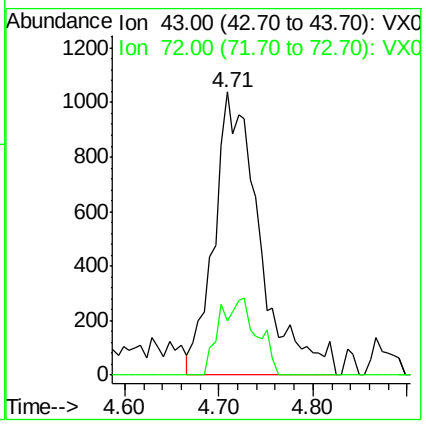


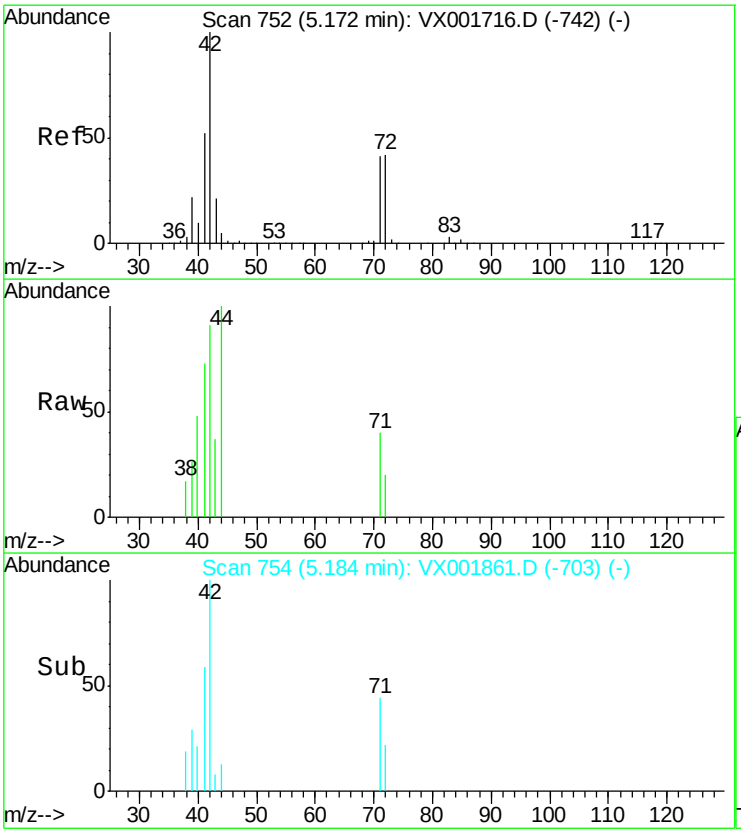
#25
2-Butanone
Concen: 1.58 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#12

Tgt Ion: 43 Resp: 3497

Ion	Ratio	Lower	Upper
43	100		
72	19.1	19.8	29.6#

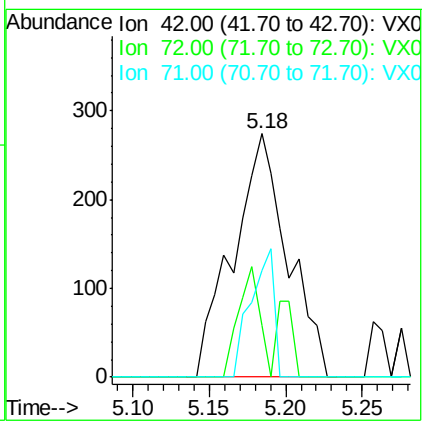


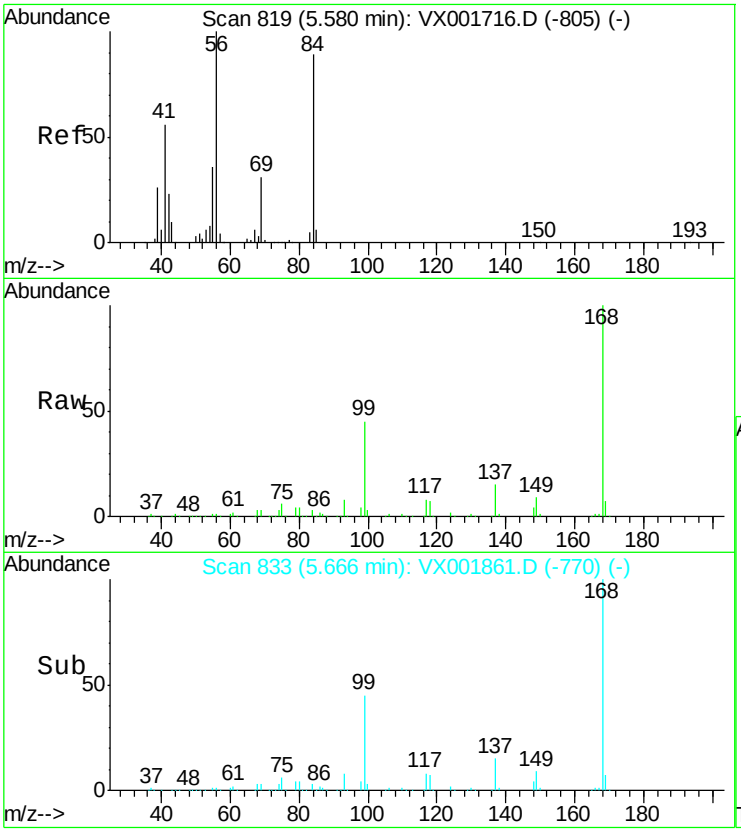


#29
Tetrahydrofuran
Concen: 0.47 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Tgt Ion: 42 Resp: 681

Ion	Ratio	Lower	Upper
42	100		
72	9.3	35.4	53.2#
71	22.6	33.2	49.8#



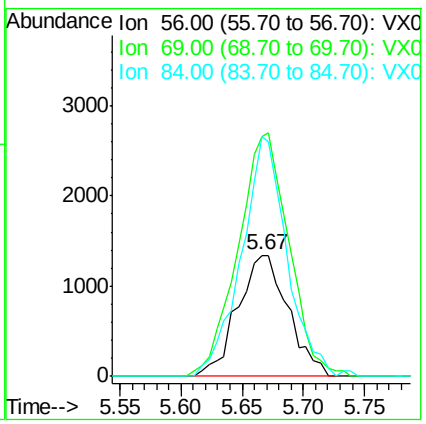


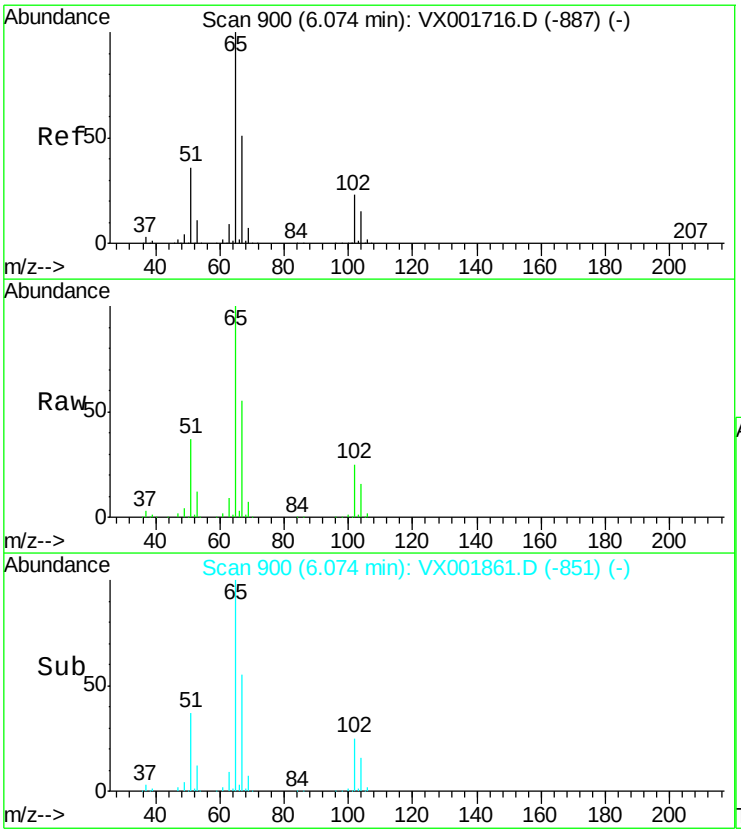
#31
Cyclohexane
Concen: 0.83 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Instrument : MSVOA_X
ClientSampleId : PB109413ZHE#12

Tgt Ion: 56 Resp: 3844

Ion	Ratio	Lower	Upper
56	100		
69	198.7	25.0	37.6#
84	198.0	71.0	106.4#

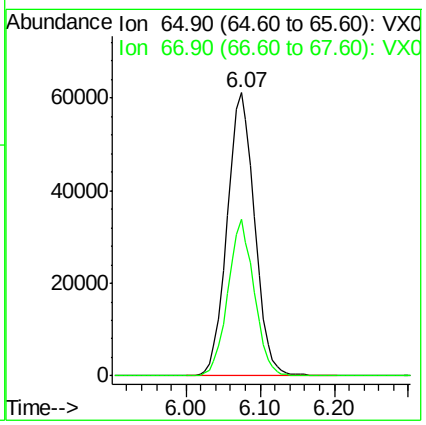


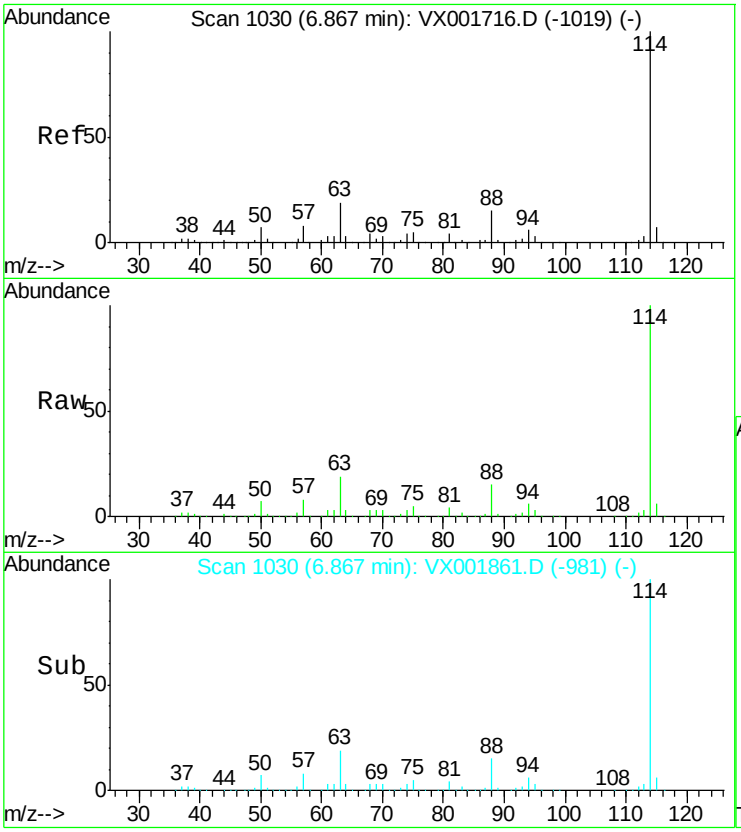


#33
1,2-Dichloroethane-d4
Concen: 42.96 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Tgt Ion: 65 Resp: 158227

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	102.8



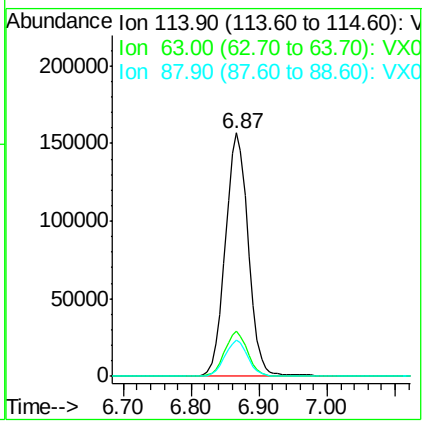


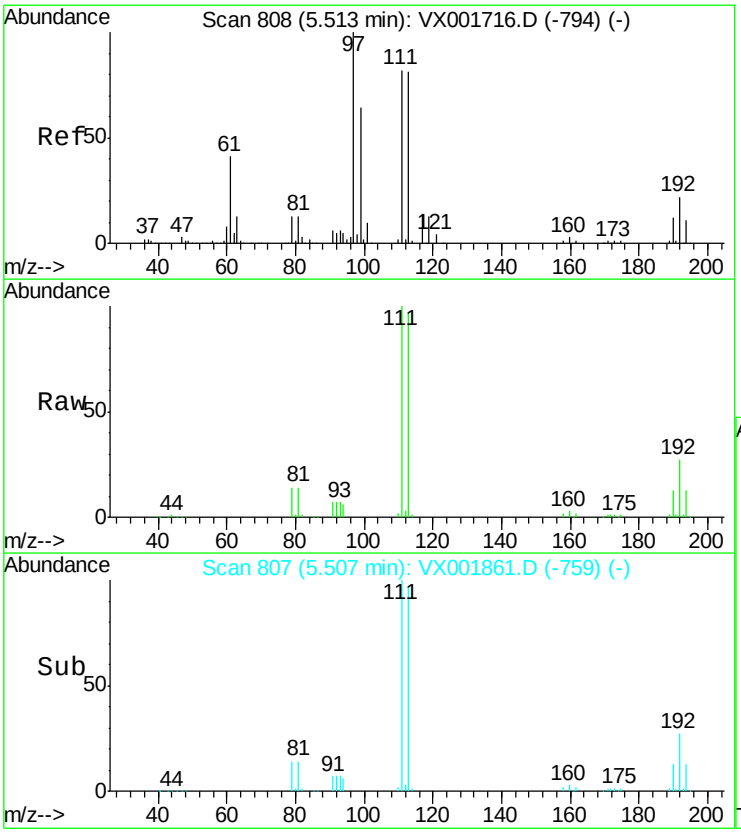
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Instrument : MSVOA_X
ClientSampleId : PB109413ZHE#12

Tgt Ion:114 Resp: 366854

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	37.0
88	14.9	0.0	29.8

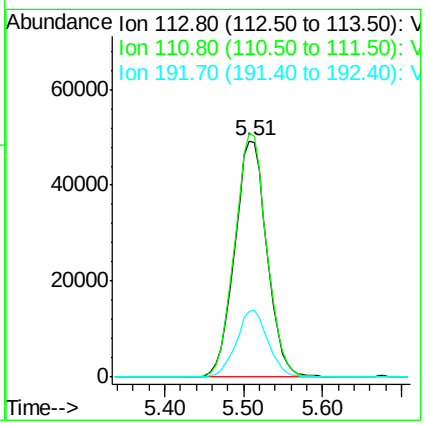


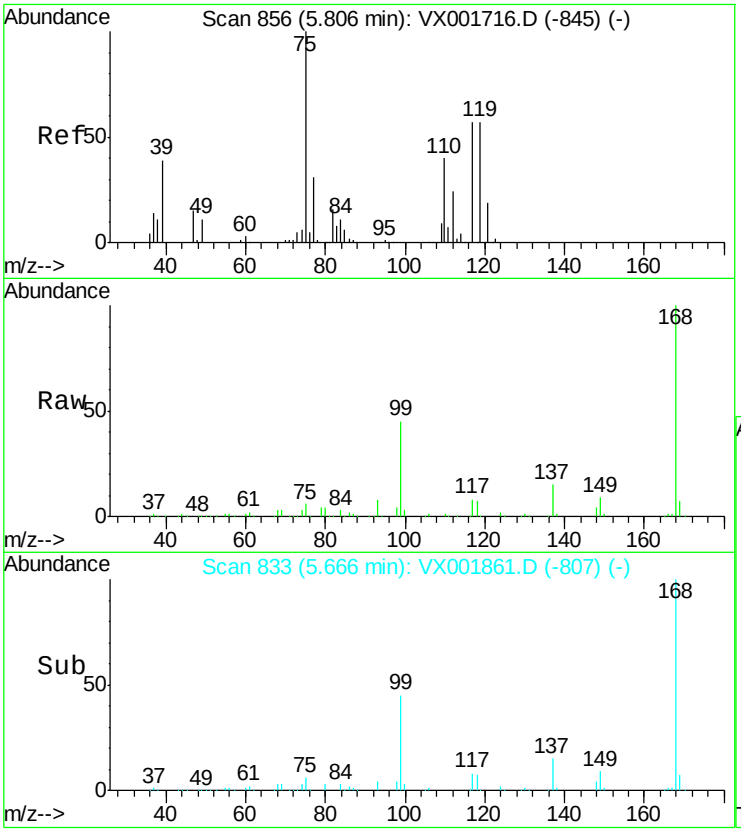


#35
Dibromofluoromethane
Concen: 45.29 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Tgt Ion:113 Resp: 140199

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	27.8	21.6	32.4



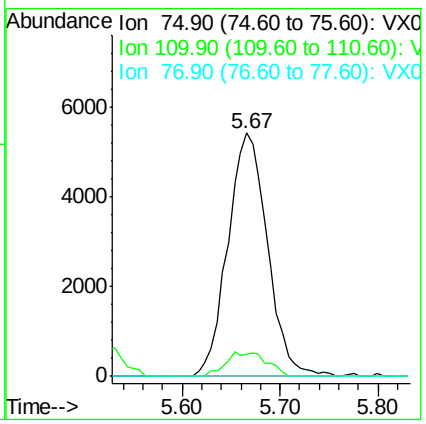


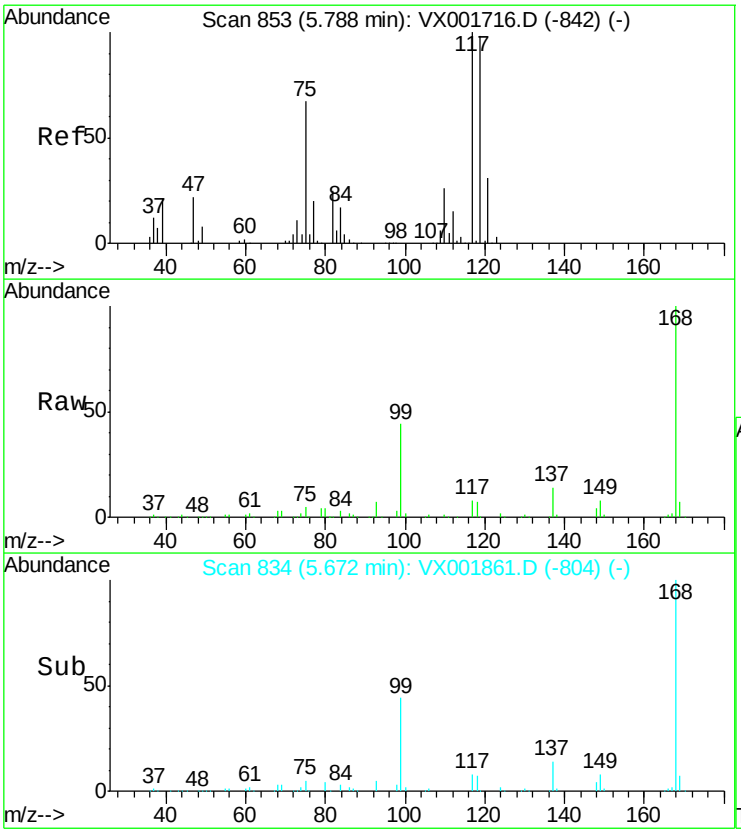
#36
1,1-Dichloropropene
Concen: 3.61 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#12

Tgt Ion: 75 Resp: 15257

Ion	Ratio	Lower	Upper
75	100		
110	10.2	19.1	57.1#
77	0.0	24.6	37.0#

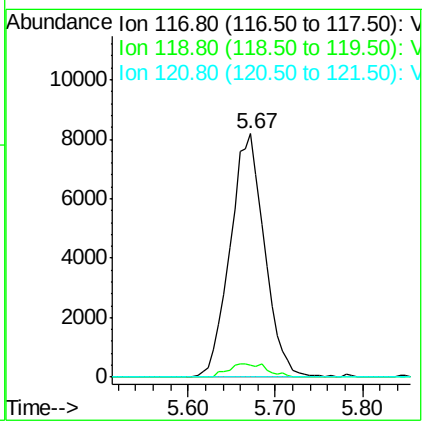


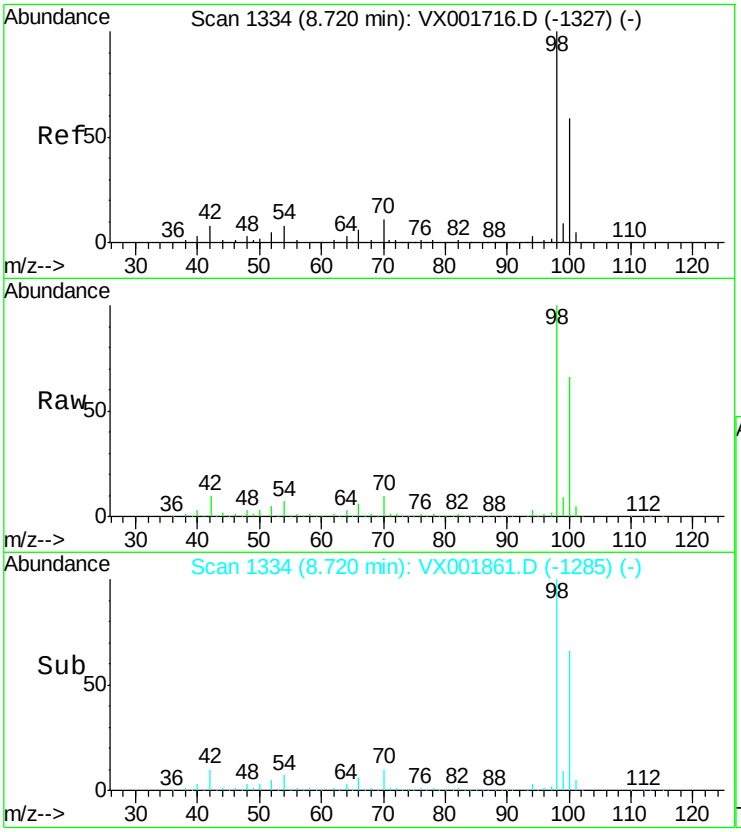


#38
Carbon Tetrachloride
Concen: 5.05 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Tgt Ion:117 Resp: 22340

Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.6	116.4#
121	0.0	24.6	36.8#



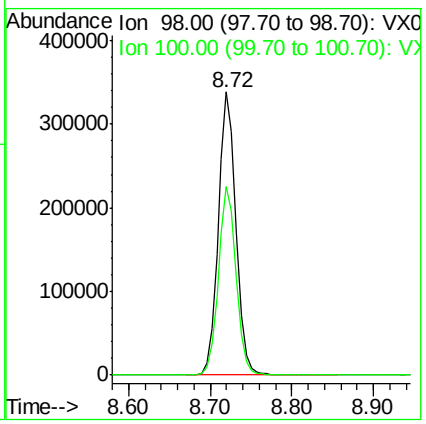


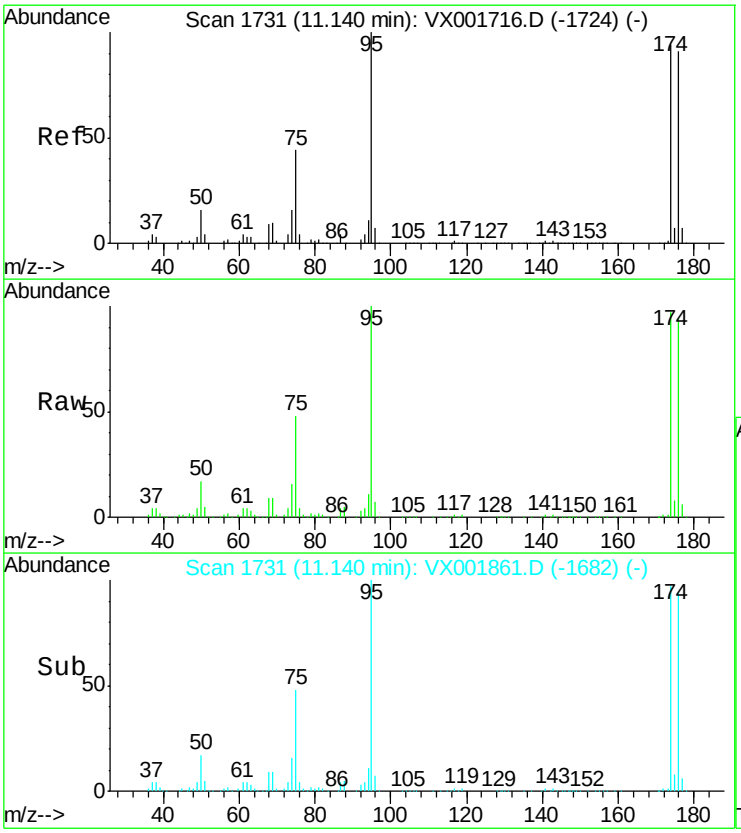
#50
Toluene-d8
Concen: 45.97 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Instrument : MSVOA_X
ClientSampleId : PB109413ZHE#12

Tgt Ion: 98 Resp: 509678

Ion	Ratio	Lower	Upper
98	100		
100	66.6	54.0	81.0

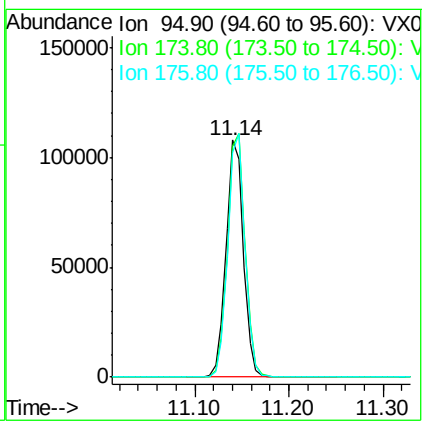


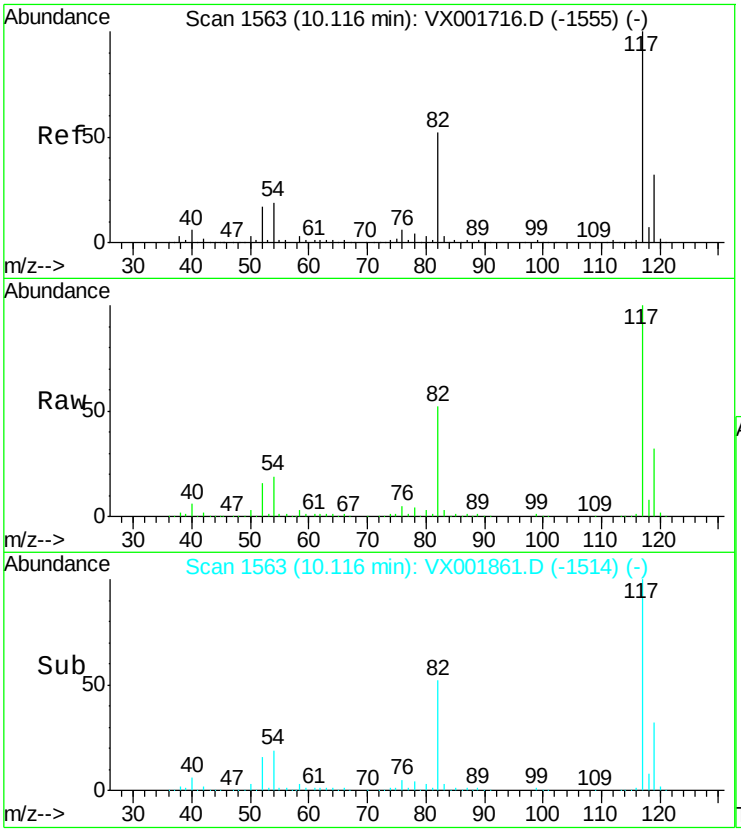


#62
4-Bromofluorobenzene
Concen: 34.42 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Tgt Ion: 95 Resp: 137415

Ion	Ratio	Lower	Upper
95	100		
174	104.1	0.0	201.8
176	101.6	0.0	196.8



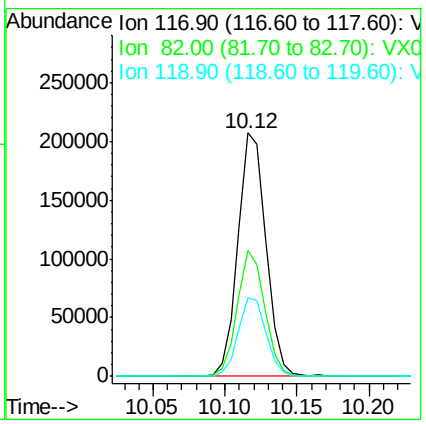


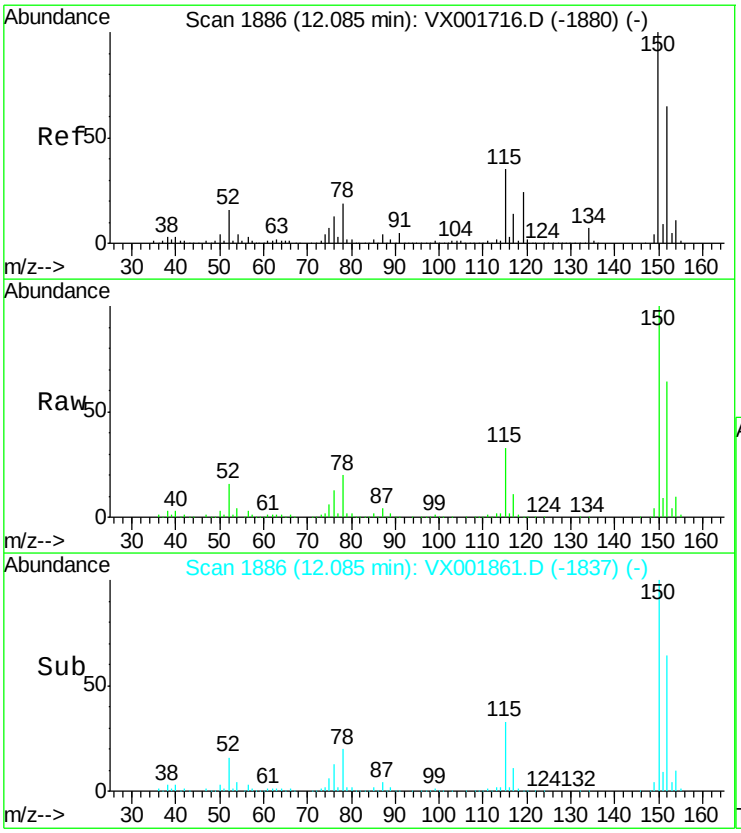
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Instrument : MSVOA_X
ClientSampleId : PB109413ZHE#12

Tgt Ion:117 Resp: 280016

Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.4	62.2
119	32.4	25.6	38.4

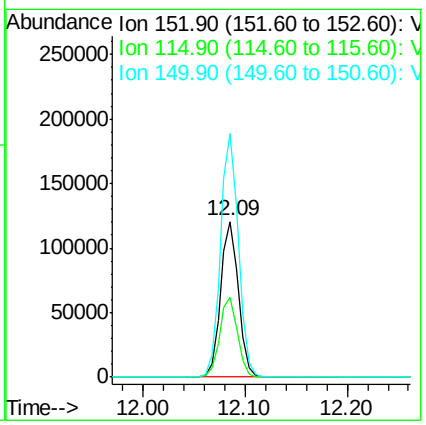


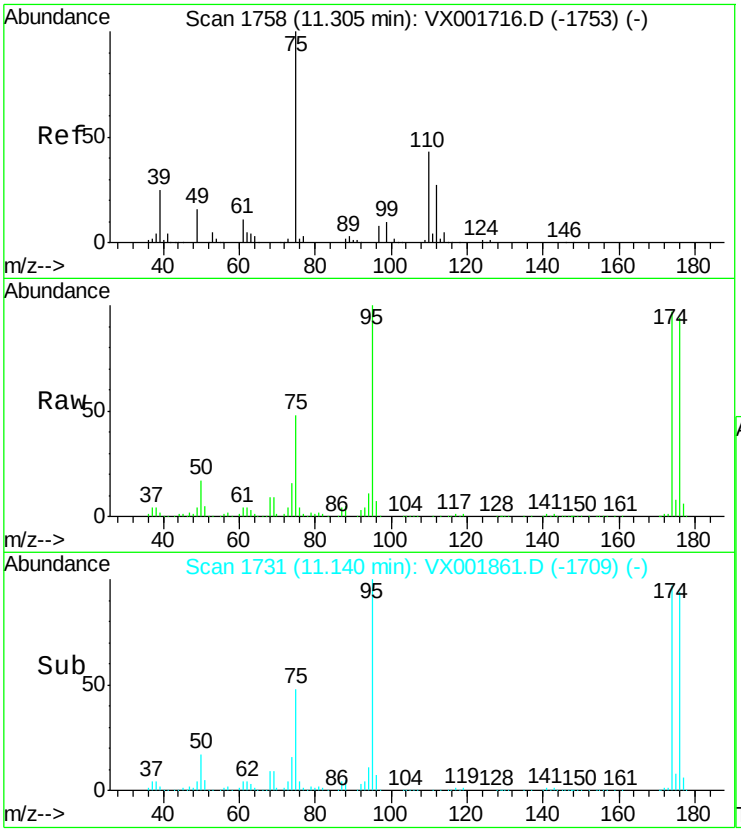


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Tgt Ion:152 Resp: 146340

Ion	Ratio	Lower	Upper
152	100		
115	51.9	37.4	112.2
150	157.2	0.0	344.8



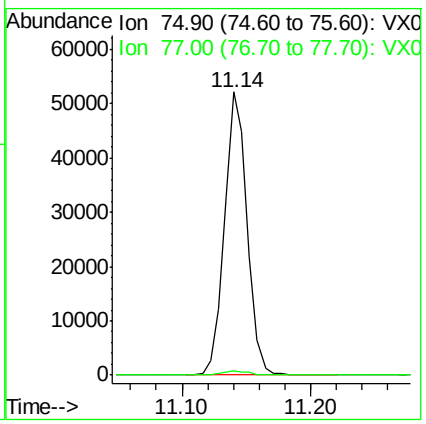


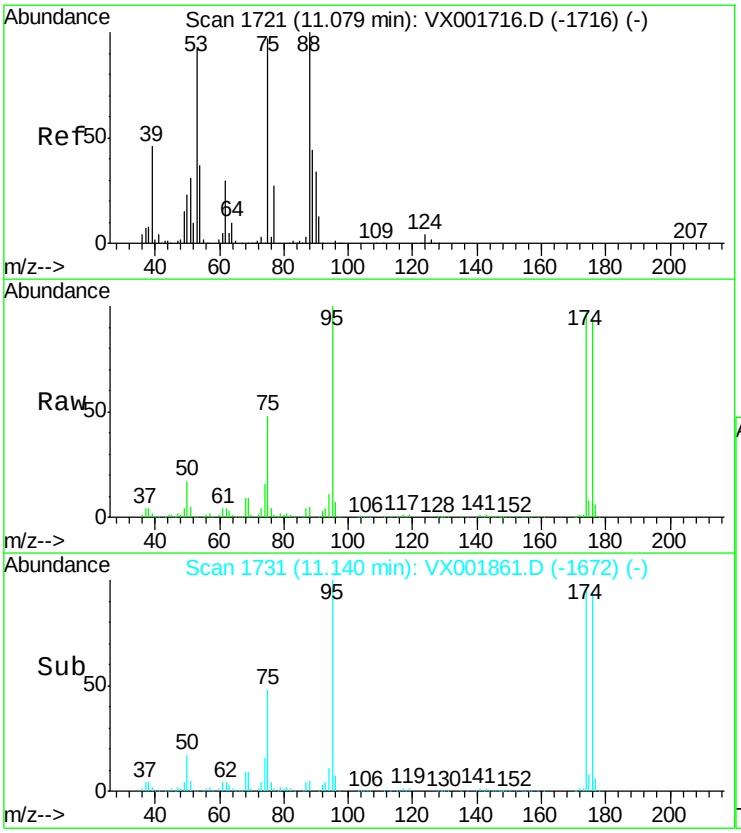
#76
1,2,3-Trichloropropane
Concen: 23.08 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#12

Tgt Ion: 75 Resp: 64231

Ion	Ratio	Lower	Upper
75	100		
77	1.6	18.9	56.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.54 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Tgt Ion: 75 Resp: 64231

Ion	Ratio	Lower	Upper
75	100		
53	0.2	79.4	119.2#
89	0.0	38.8	58.2#