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

Quantitation Report (Not Reviewed)

Data File : VX001853.D
Acq On : 19 May 2018 04:14
Operator : JC/MD
Sample : PB109413ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB109413ZHE#04

Quant Time: May 21 03:20:22 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	264236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	357677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136492	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155074	43.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.56%			
35) Dibromofluoromethane	5.51	113	137105	45.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.84%			
50) Toluene-d8	8.72	98	494110	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.42%			
62) 4-Bromofluorobenzene	11.14	95	128932	33.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 66.24%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	1018	Below Cal		87
6) Chloroethane	1.56	64	1972	1.01	ug/l #	56
8) Diethyl Ether	2.20	74	735	0.40	ug/l	86
10) Methyl Iodide	2.53	142	657	0.26	ug/l #	87
11) Tert butyl alcohol	3.09	59	189	0.30	ug/l #	6
16) Acetone	2.45	43	7976	5.73	ug/l	97
18) Methyl Acetate	2.78	43	26411	6.49	ug/l	98
20) Methylene Chloride	2.86	84	5972	2.01	ug/l	96
25) 2-Butanone	4.71	43	2727	1.28	ug/l	95
29) Tetrahydrofuran	5.18	42	894	0.64	ug/l #	59
31) Cyclohexane	5.67	56	4044	0.91	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	14699	3.57	ug/l #	49
38) Carbon Tetrachloride	5.67	117	21704	5.03	ug/l #	17
76) 1,2,3-Trichloropropane	11.14	75	61249	23.60	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	61249	68.98	ug/l #	10

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

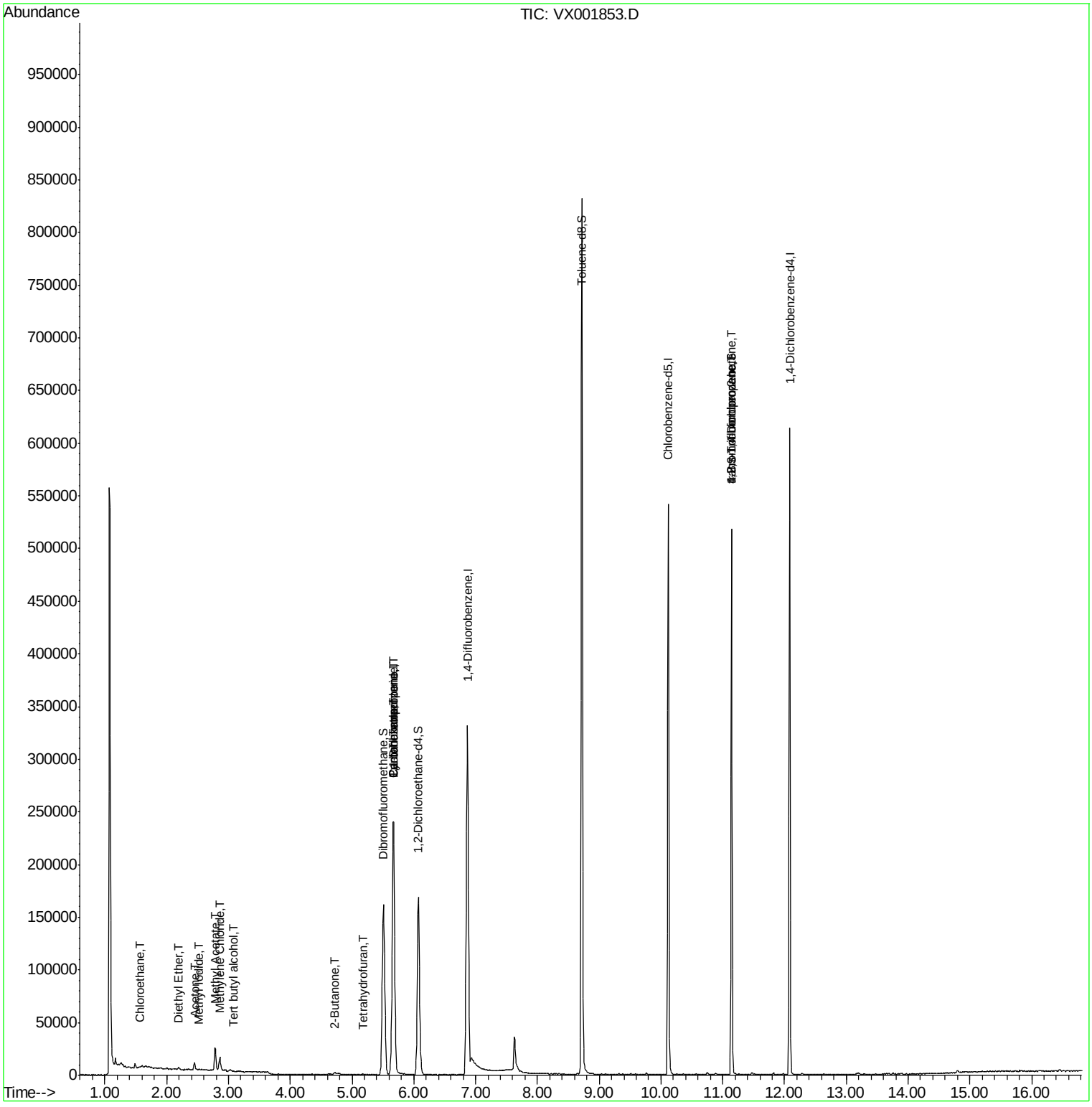
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051818\

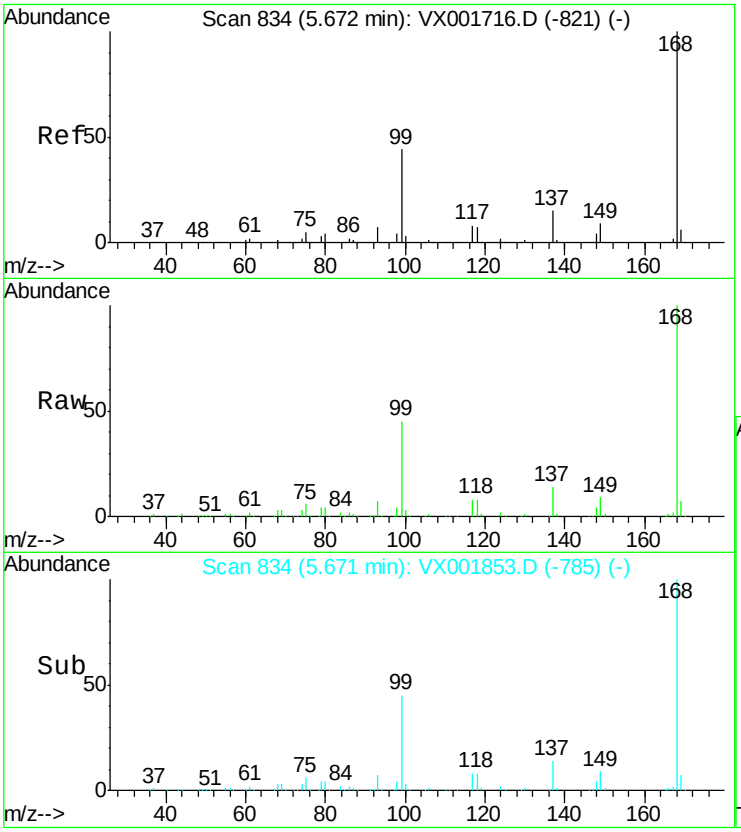
Quantitation Report (Not Reviewed)

Data File : VX001853.D
Acq On : 19 May 2018 04:14
Operator : JC/MD
Sample : PB109413ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#04

Quant Time: May 21 03:20:22 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



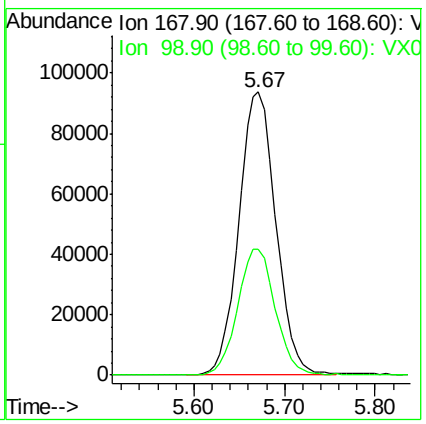


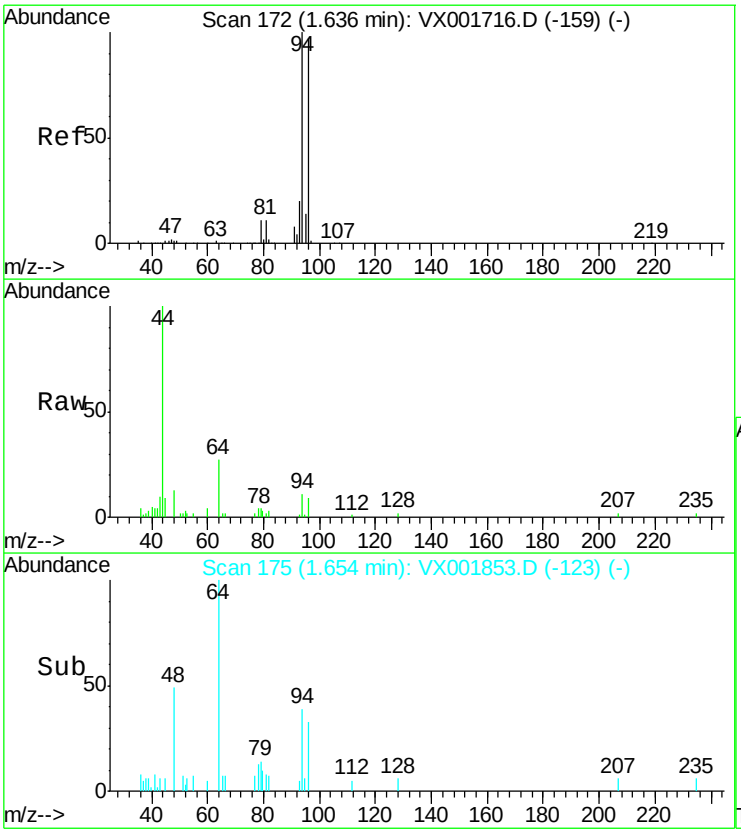
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#04

Tgt Ion:168 Resp: 264236

Ion	Ratio	Lower	Upper
168	100		
99	44.5	35.0	52.4

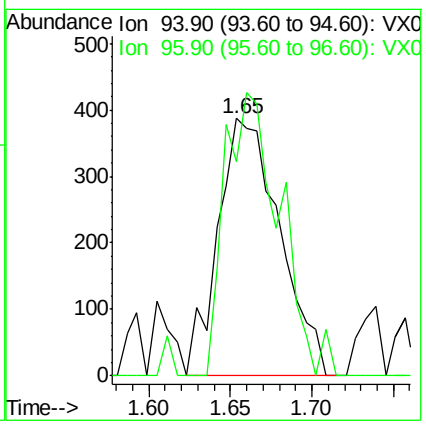


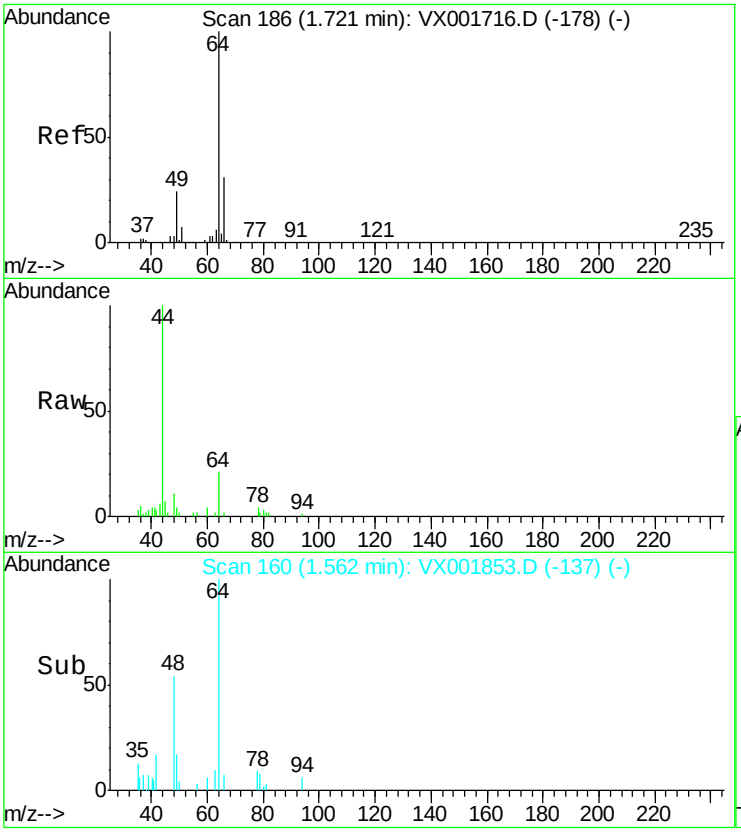


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Tgt Ion: 94 Resp: 1018

Ion	Ratio	Lower	Upper
94	100		
96	83.5	77.4	116.0



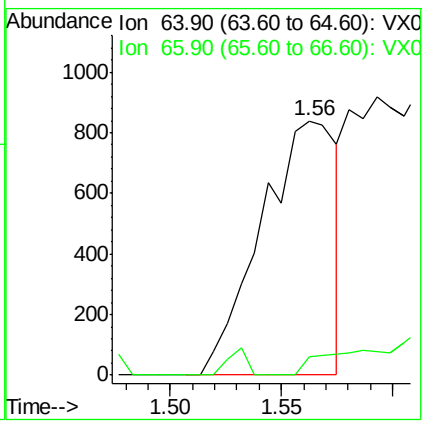


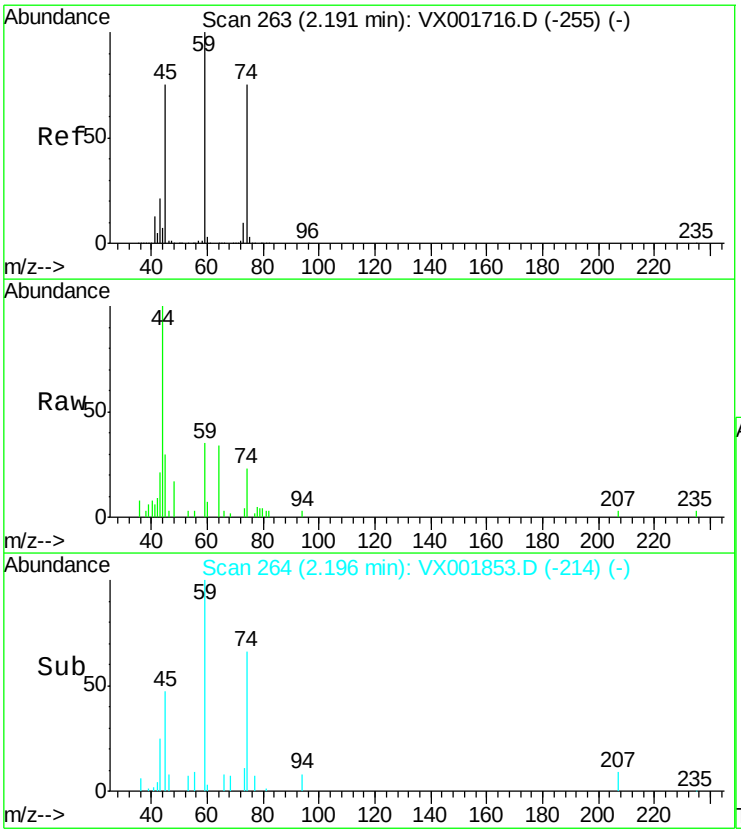
#6
Chloroethane
Concen: 1.01 ug/l
RT: 1.56 min Scan# 160
Delta R.T. -0.16 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#04

Tgt Ion: 64 Resp: 1972

Ion	Ratio	Lower	Upper
64	100		
66	7.4	25.2	37.8#

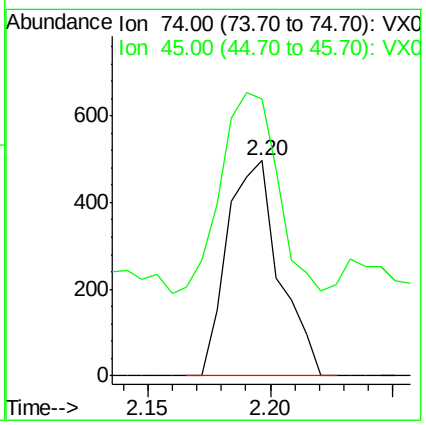


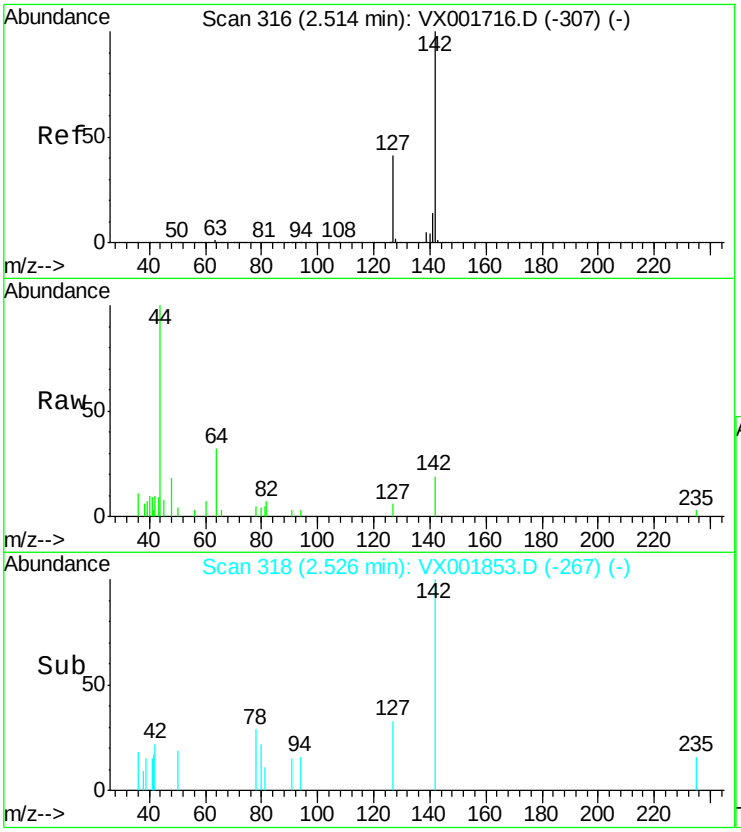


#8
Diethyl Ether
Concen: 0.40 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Tgt Ion: 74 Resp: 735

Ion	Ratio	Lower	Upper
74	100		
45	114.1	50.0	149.8



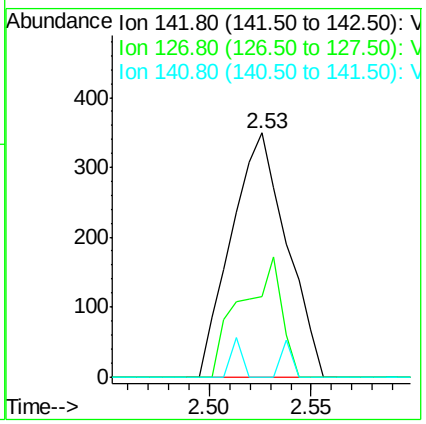


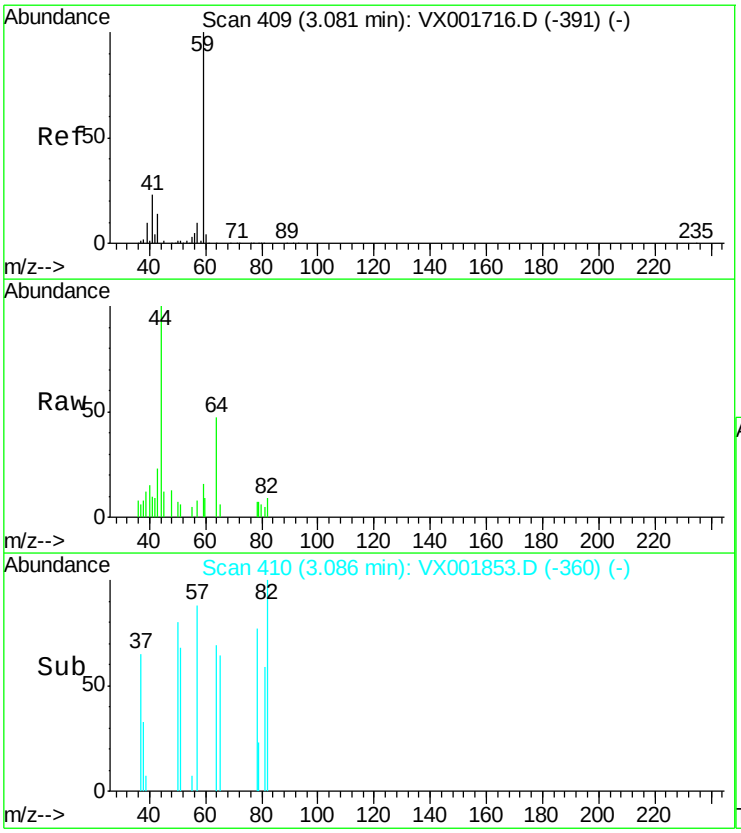
#10
Methyl Iodide
Concen: 0.26 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#04

Tgt Ion:142 Resp: 657

Ion	Ratio	Lower	Upper
142	100		
127	36.1	32.5	48.7
141	2.9	11.4	17.0#

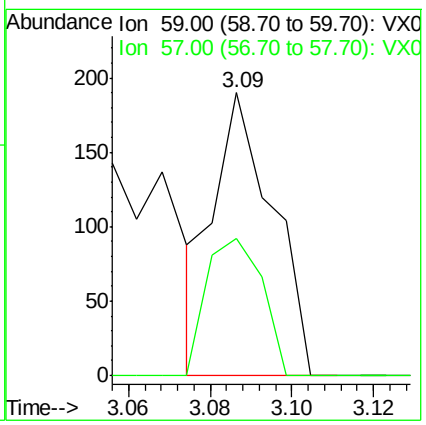


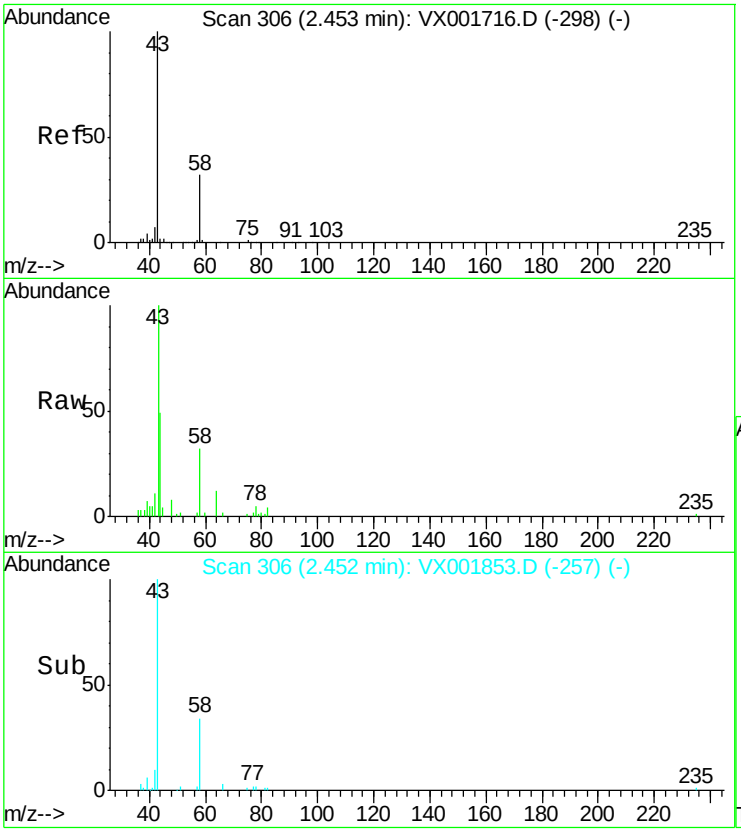


#11
Tert butyl alcohol
Concen: 0.30 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Tgt Ion: 59 Resp: 189

Ion	Ratio	Lower	Upper
59	100		
57	46.0	8.5	12.7#



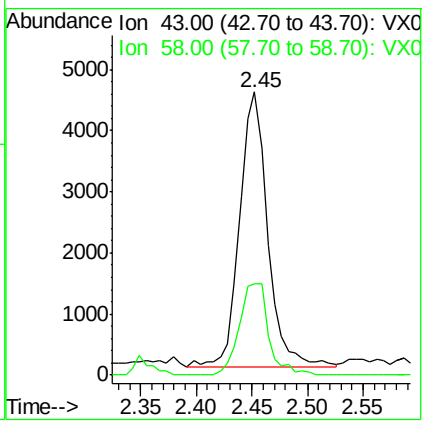


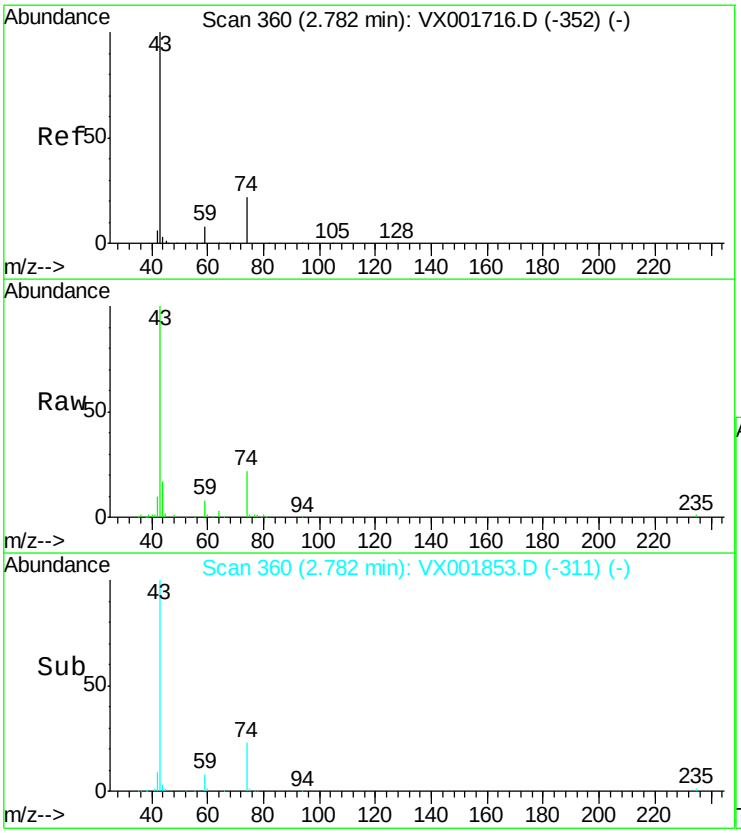
#16
Acetone
Concen: 5.73 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#04

Tgt Ion: 43 Resp: 7976

Ion	Ratio	Lower	Upper
43	100		
58	33.1	25.3	37.9

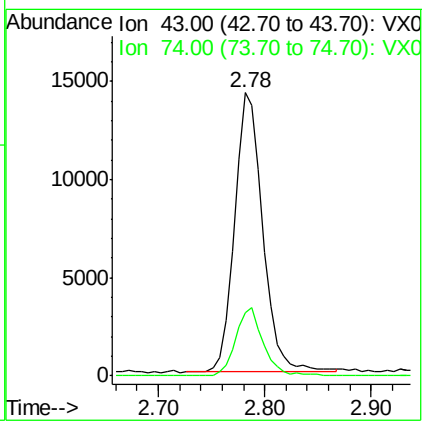


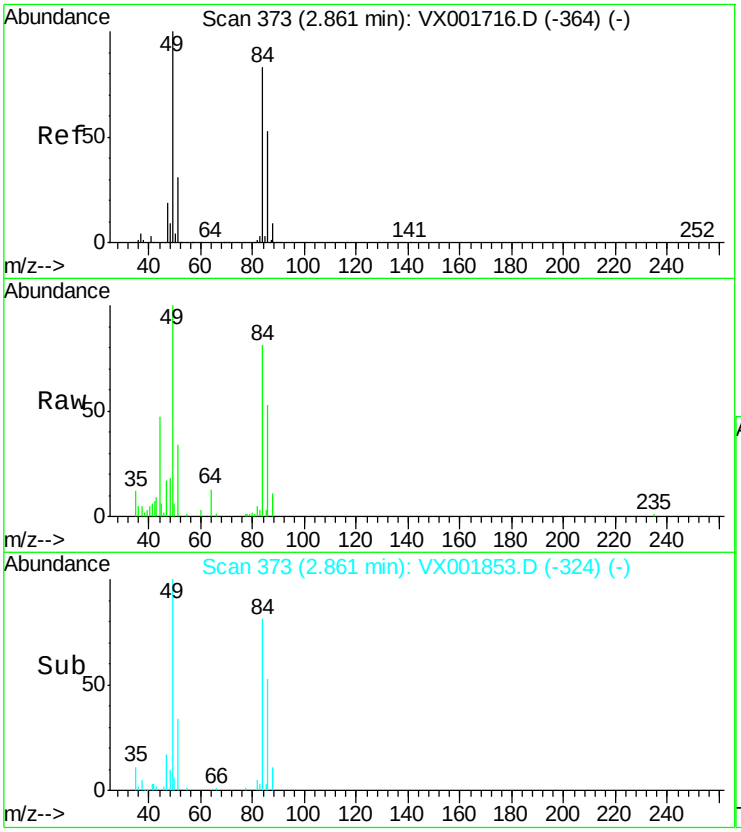


#18
Methyl Acetate
Concen: 6.49 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Tgt Ion: 43 Resp: 26411

Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.2	27.2



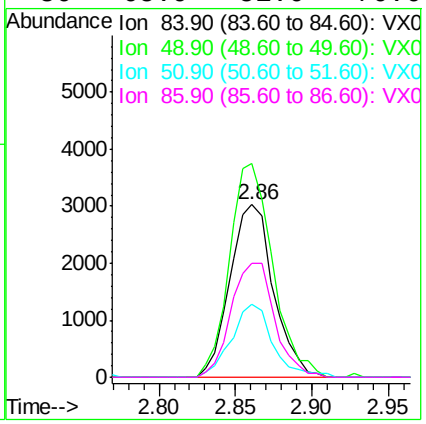


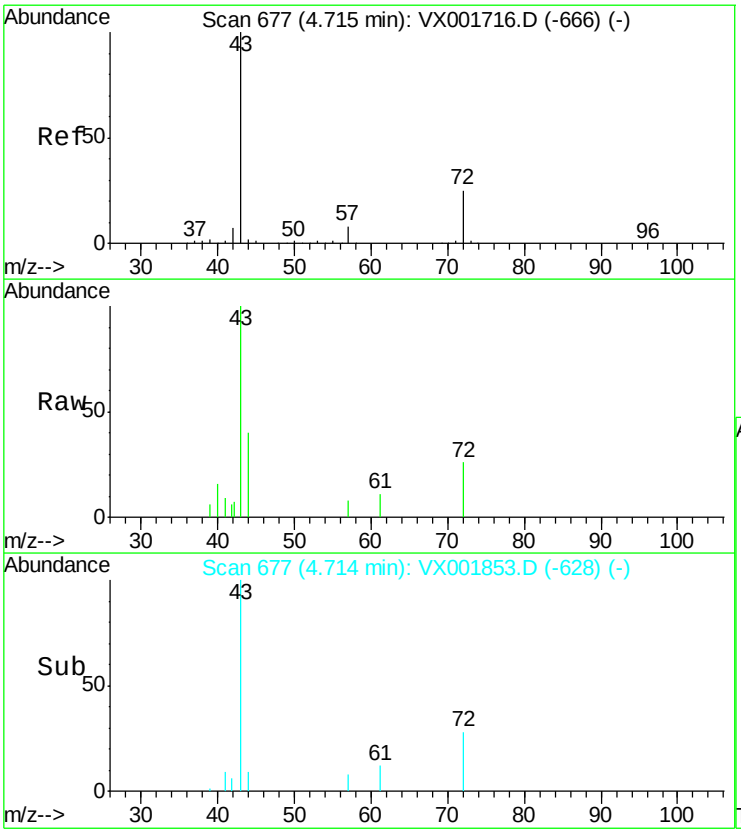
#20
Methylene Chloride
Concen: 2.01 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#04

Tgt Ion: 84 Resp: 5972

Ion	Ratio	Lower	Upper
84	100		
49	123.8	96.3	144.5
51	42.0	29.8	44.6
86	65.9	51.0	76.6

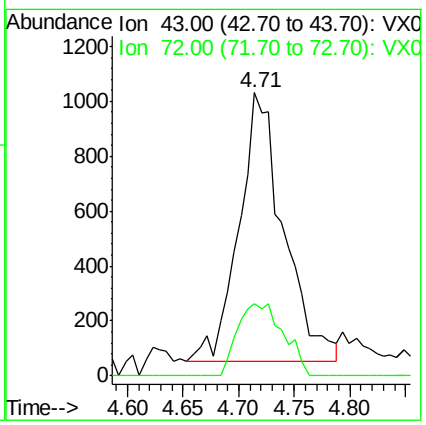


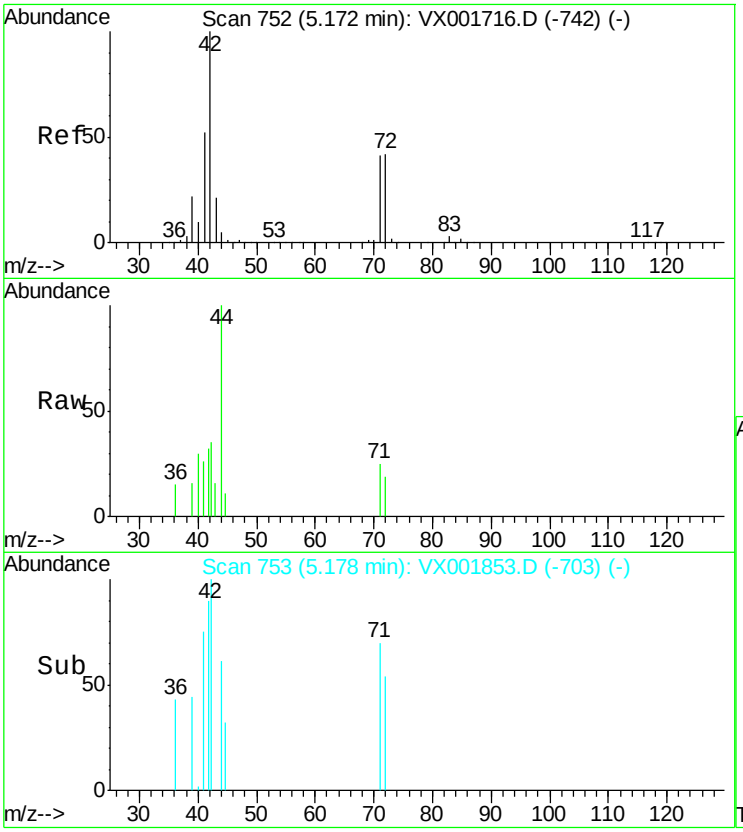


#25
2-Butanone
Concen: 1.28 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.00 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Tgt Ion: 43 Resp: 2727

Ion	Ratio	Lower	Upper
43	100		
72	27.0	19.8	29.6



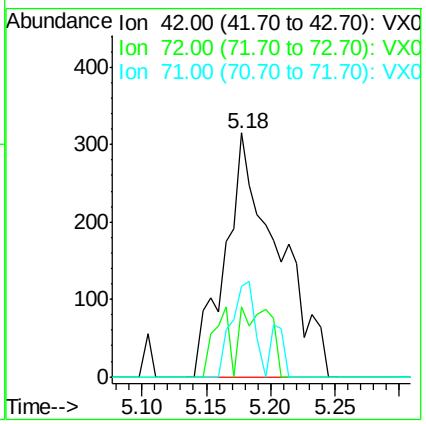


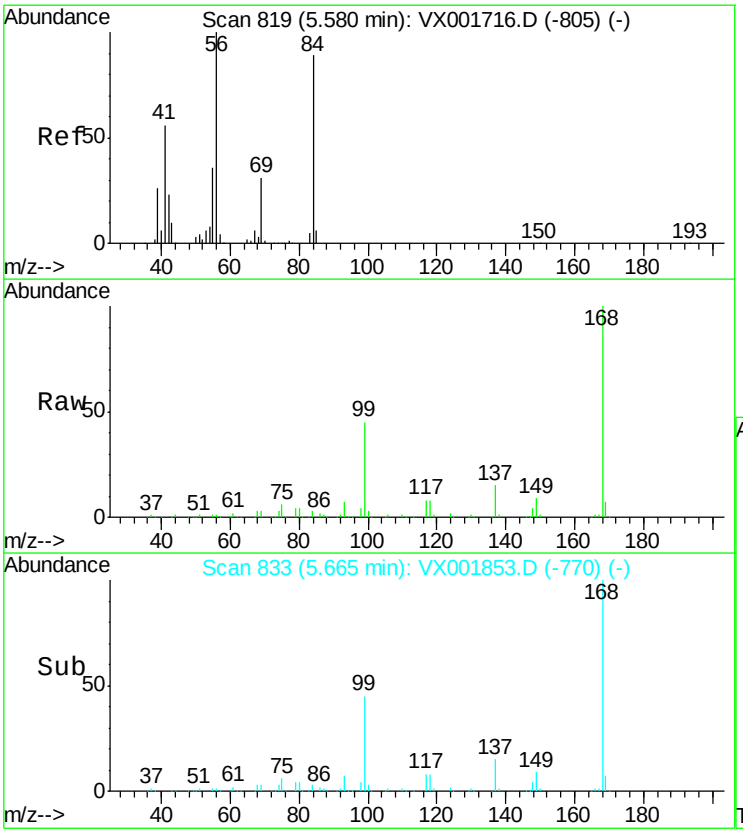
#29
Tetrahydrofuran
Concen: 0.64 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#04

Tgt Ion: 42 Resp: 894

Ion	Ratio	Lower	Upper
42	100		
72	16.3	35.4	53.2#
71	17.4	33.2	49.8#

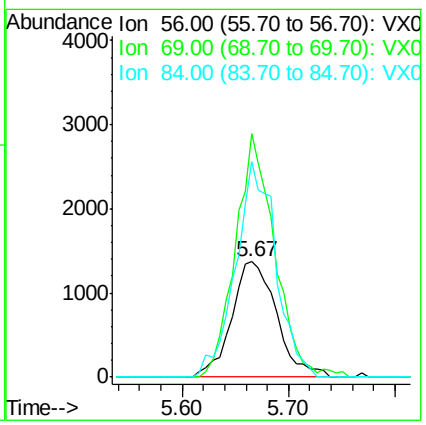


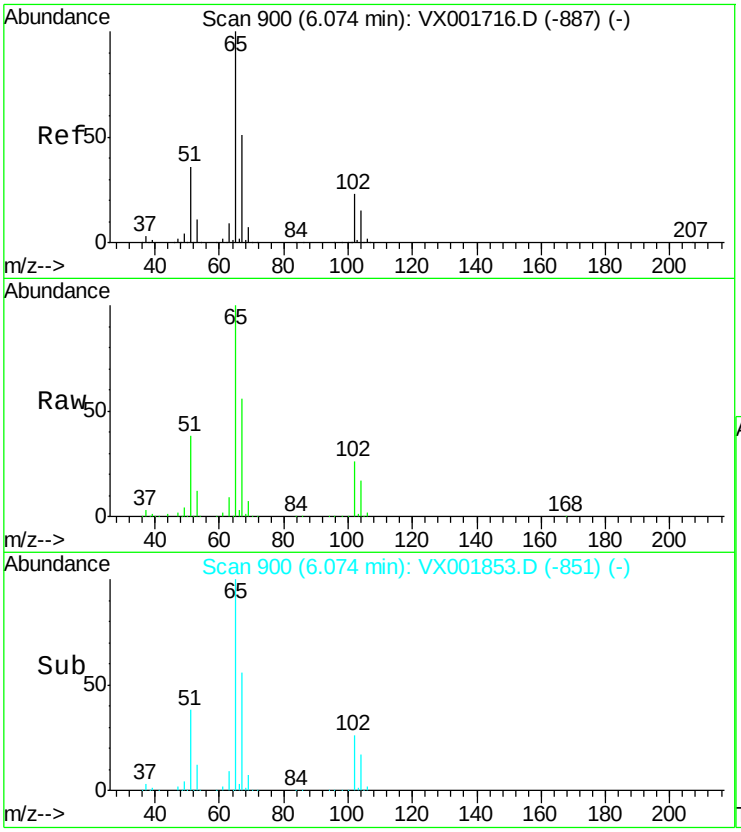


#31
Cyclohexane
Concen: 0.91 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.08 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Tgt Ion: 56 Resp: 4044

Ion	Ratio	Lower	Upper
56	100		
69	211.5	25.0	37.6#
84	187.1	71.0	106.4#



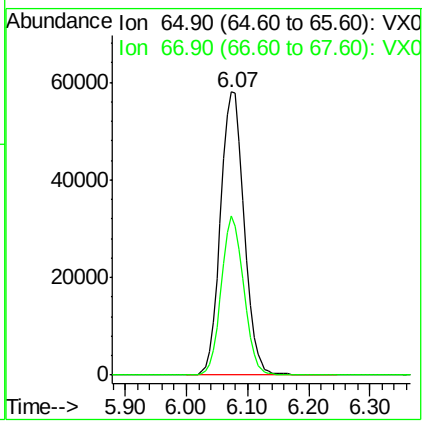


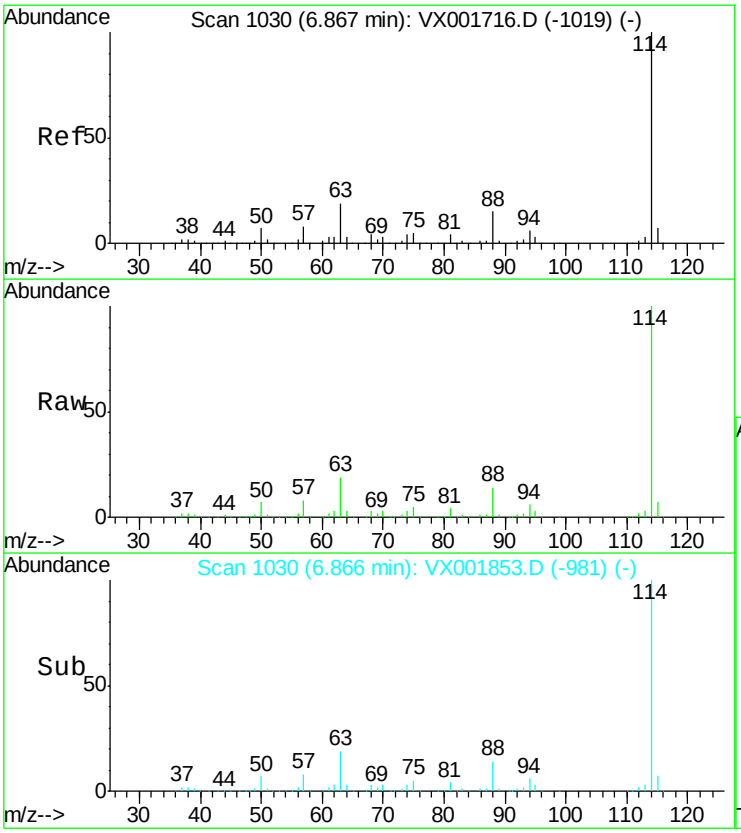
#33
1,2-Dichloroethane-d4
Concen: 43.78 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#04

Tgt Ion: 65 Resp: 155074

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	102.8

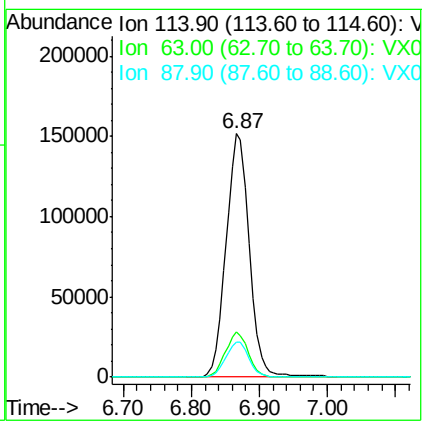


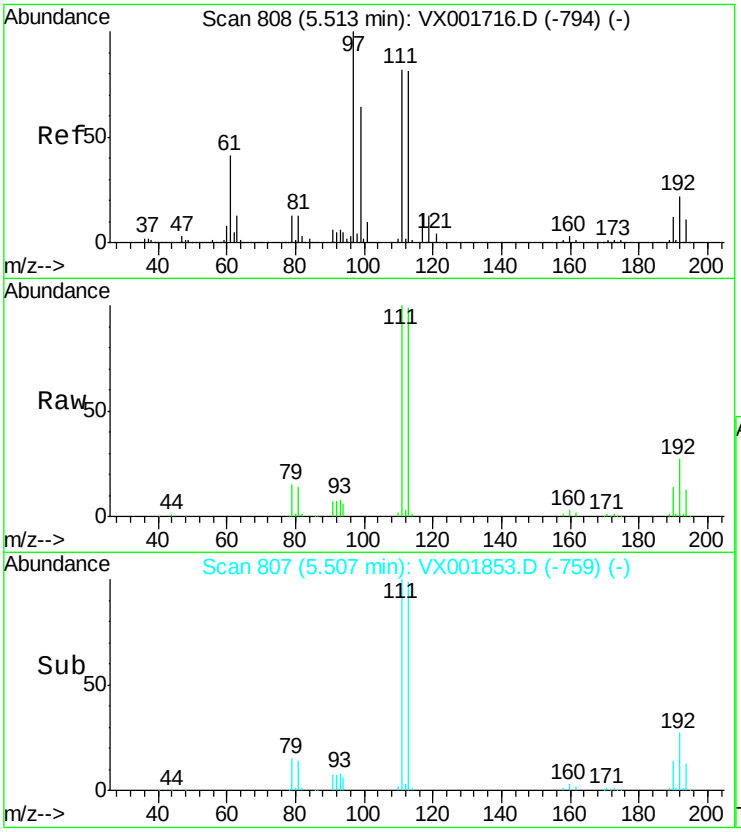


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Tgt Ion:114 Resp: 357677

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	37.0
88	14.5	0.0	29.8



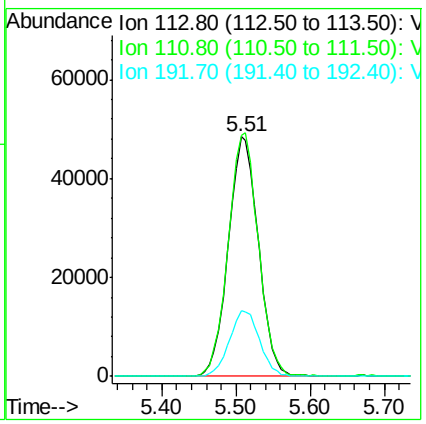


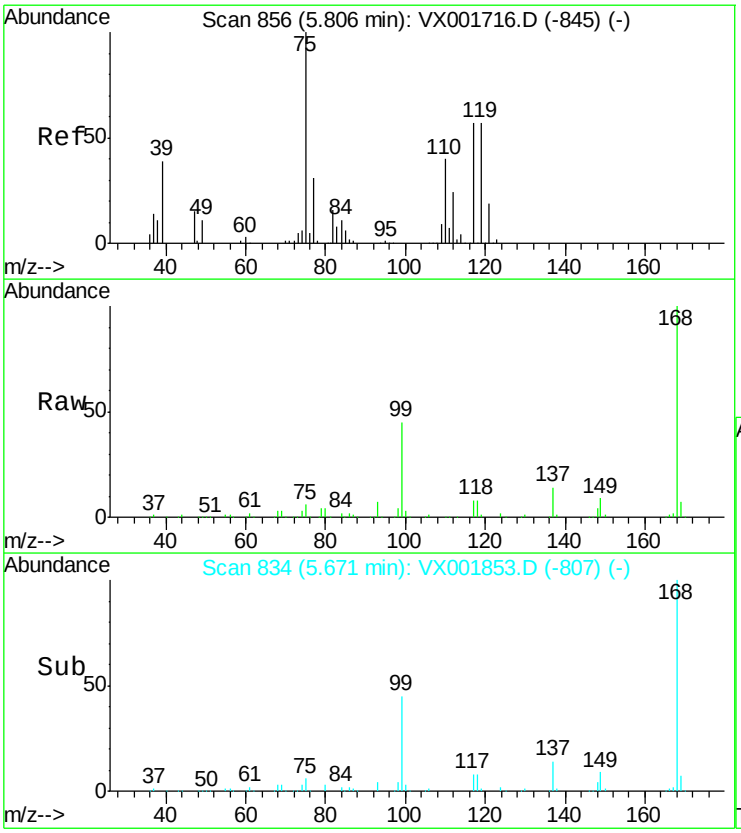
#35
Dibromofluoromethane
Concen: 45.42 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#04

Tgt Ion:113 Resp: 137105

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	27.3	21.6	32.4

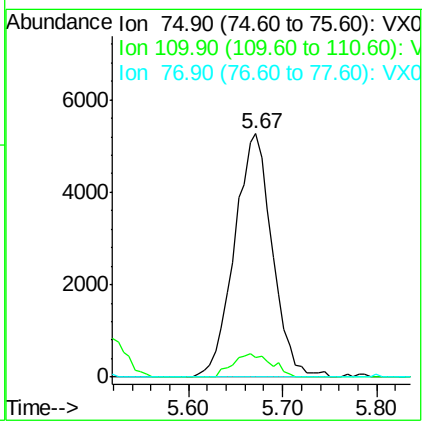


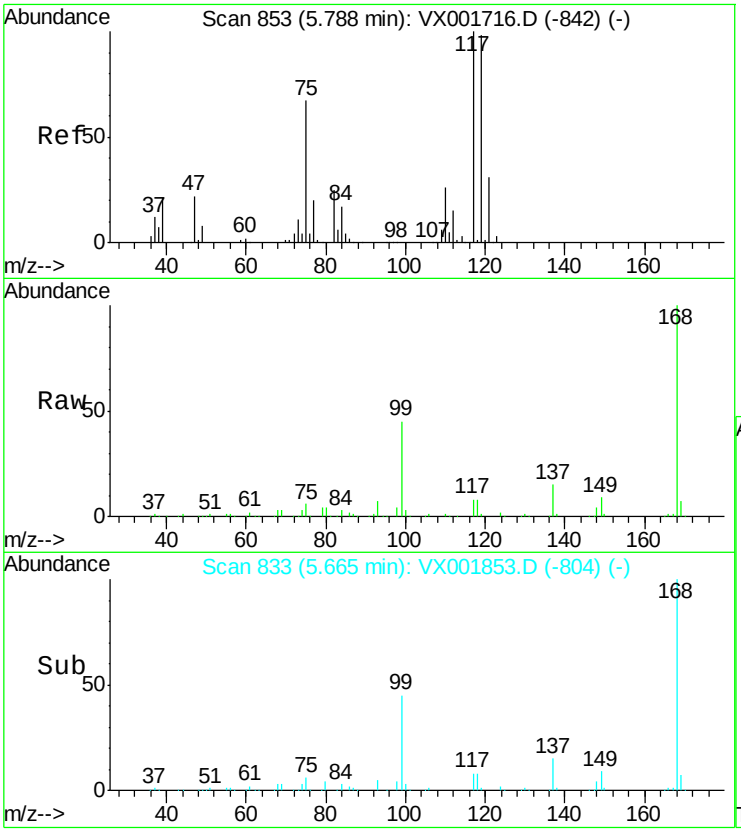


#36
1,1-Dichloropropene
Concen: 3.57 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Tgt Ion: 75 Resp: 14699

Ion	Ratio	Lower	Upper
75	100		
110	9.9	19.1	57.1#
77	0.0	24.6	37.0#



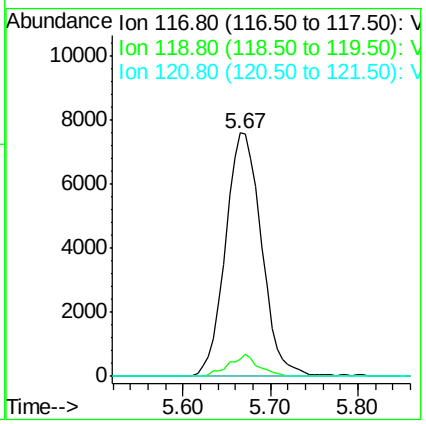


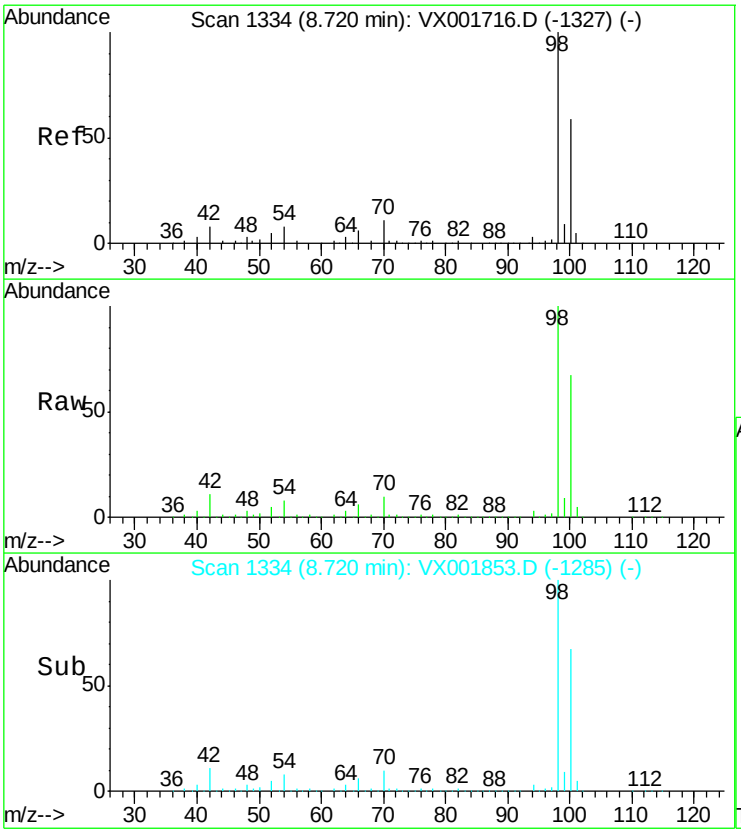
#38
Carbon Tetrachloride
Concen: 5.03 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#04

Tgt Ion:117 Resp: 21704

Ion	Ratio	Lower	Upper
117	100		
119	7.2	77.6	116.4#
121	0.0	24.6	36.8#

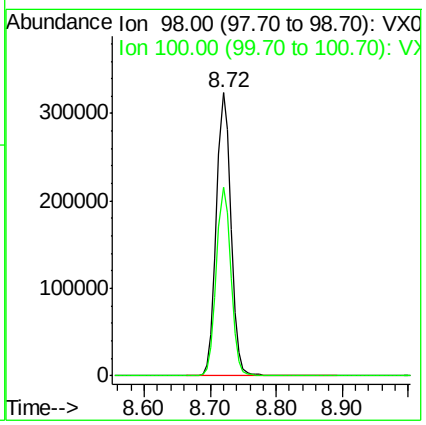


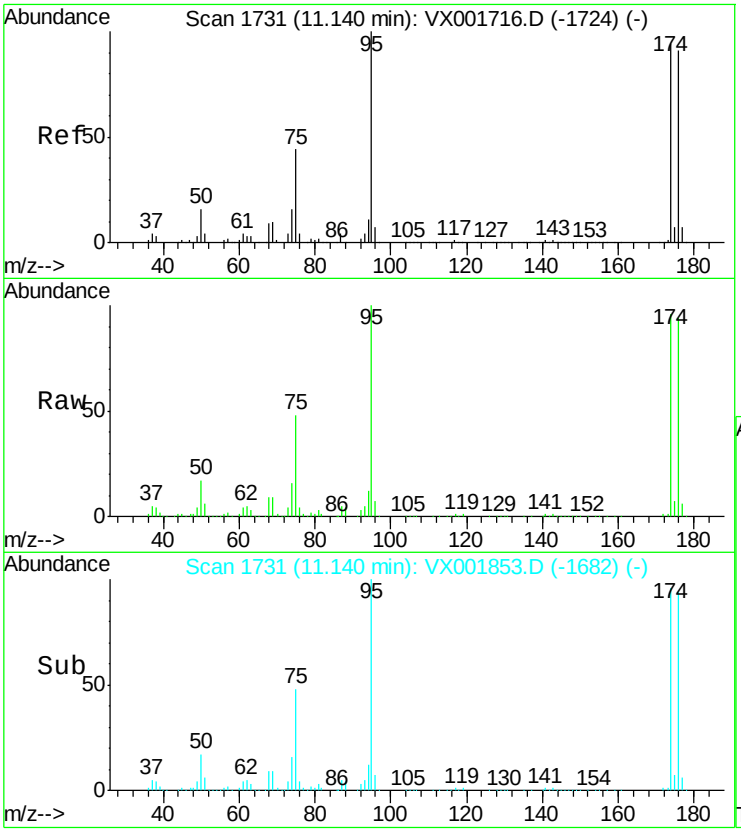


#50
Toluene-d8
Concen: 45.71 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Tgt Ion: 98 Resp: 494110

Ion	Ratio	Lower	Upper
98	100		
100	66.4	54.0	81.0



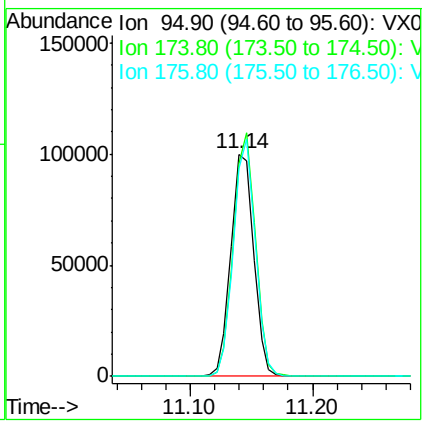


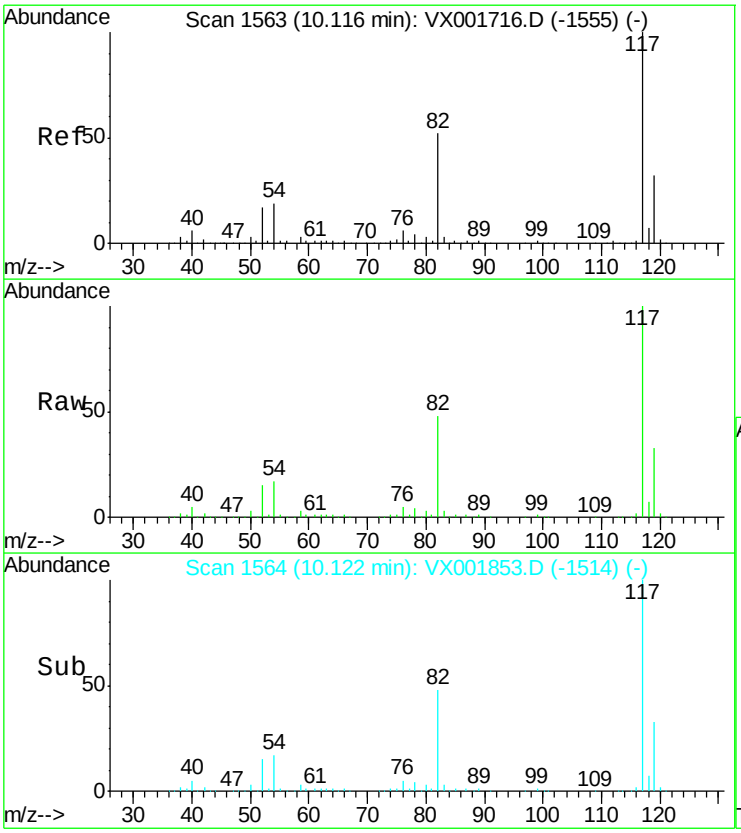
#62
4-Bromofluorobenzene
Concen: 33.12 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#04

Tgt Ion: 95 Resp: 128932

Ion	Ratio	Lower	Upper
95	100		
174	105.4	0.0	201.8
176	101.7	0.0	196.8

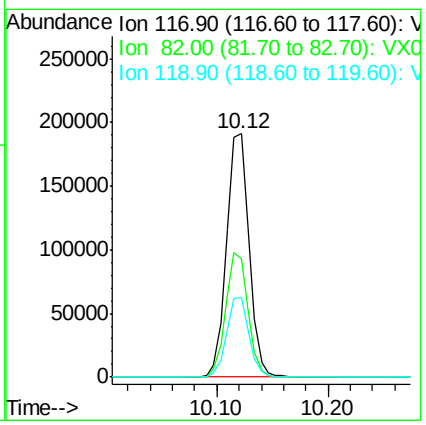


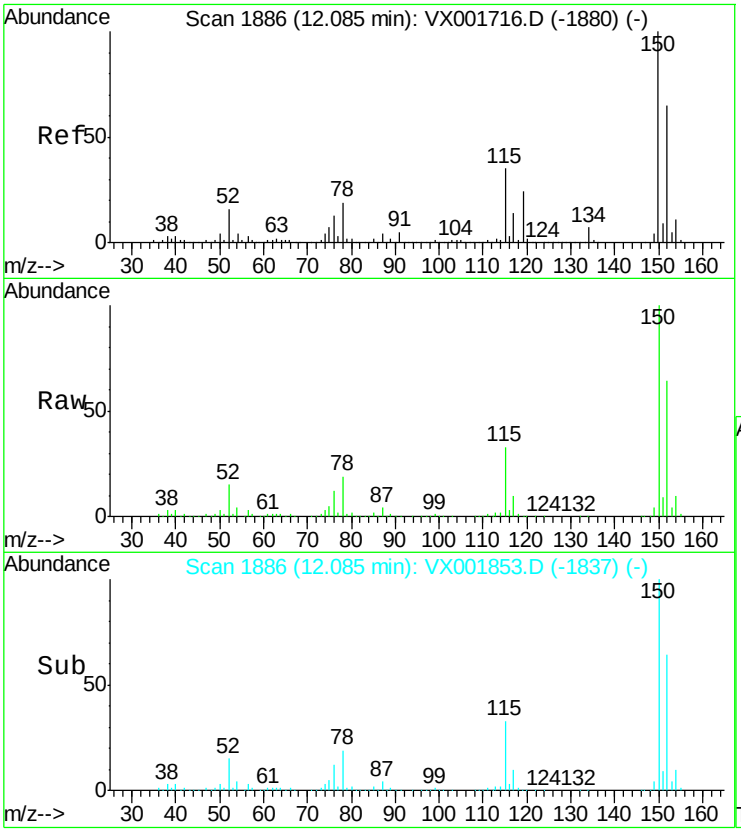


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Tgt Ion:117 Resp: 268570

Ion	Ratio	Lower	Upper
117	100		
82	48.5	41.4	62.2
119	32.5	25.6	38.4



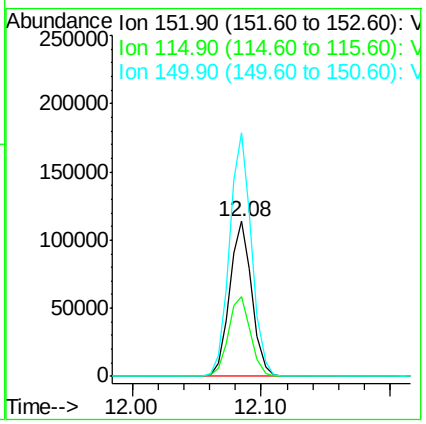


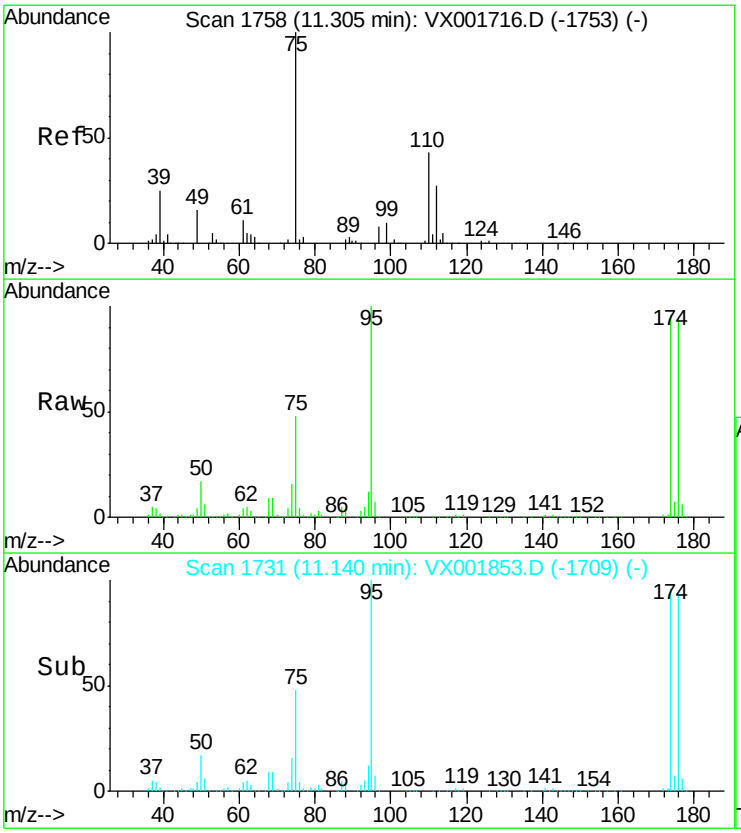
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#04

Tgt Ion:152 Resp: 136492

Ion	Ratio	Lower	Upper
152	100		
115	52.1	37.4	112.2
150	155.8	0.0	344.8

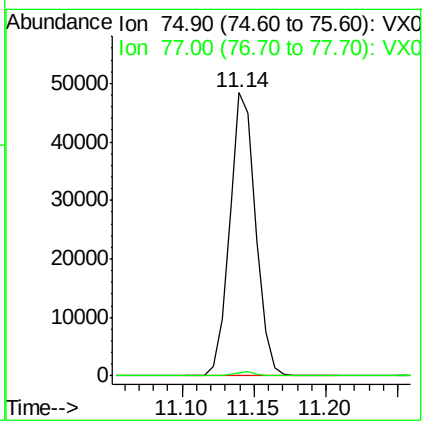


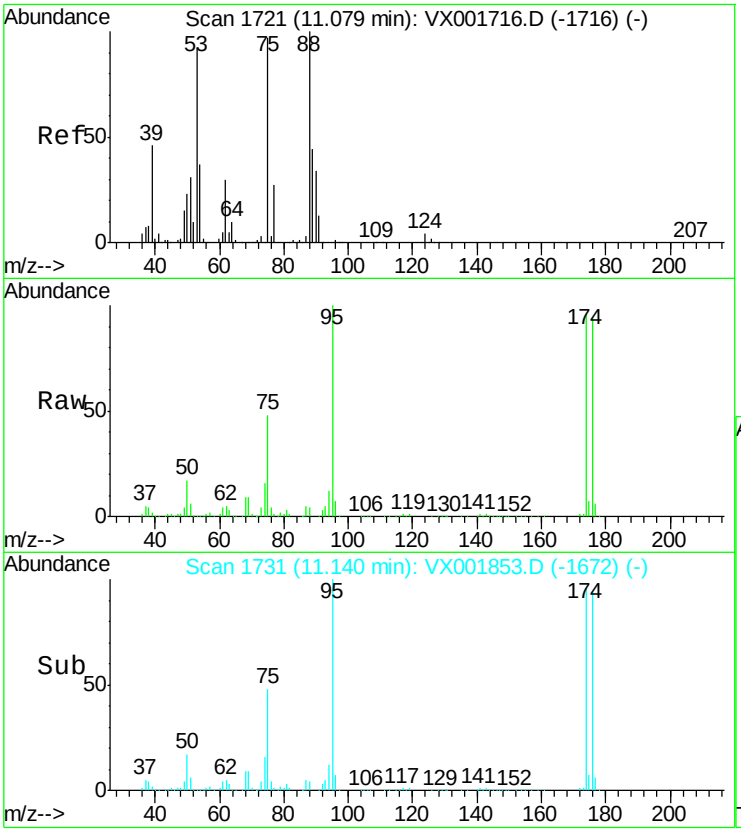


#76
1,2,3-Trichloropropane
Concen: 23.60 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Tgt Ion: 75 Resp: 61249

Ion	Ratio	Lower	Upper
75	100		
77	1.3	18.9	56.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.98 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001853.D
Acq: 19 May 2018 04:14

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#04

Tgt Ion: 75 Resp: 61249

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.4	119.2#
89	0.0	38.8	58.2#