Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062518\
Data File : VX002883.D
Acq On : 26 Jun 2018 02:07
Operator : JC/MD
Sample : J3705-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 27 05:29:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	241134	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	339923	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	316080	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184900	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	164879	49.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.94%				
35) Dibromofluoromethane	5.51	113	133359	49.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.08%				
50) Toluene-d8	8.72	98	477685	48.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.18%				
62) 4-Bromofluorobenzene	11.14	95	172827	45.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.18%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	28410	11.80	ug/l	#	47
5) Bromomethane	1.65	94	1611	Below Cal			86
6) Chloroethane	1.97	64	994	Below Cal		#	48
10) Methyl Iodide	2.53	142	3035	7.21	ug/l	#	94
11) Tert butyl alcohol	3.07	59	1475	2.22	ug/l	#	73
13) Acrolein	2.28	56	80	4.44	ug/l	#	1
16) Acetone	2.45	43	4050	2.93	ug/l		95
17) Carbon Disulfide	2.57	76	7065	1.12	ug/l	#	84
19) Methyl tert-butyl Ether	3.21	73	6300	0.74	ug/l	#	84
25) 2-Butanone	4.73	43	1593	0.78	ug/l		94
29) Tetrahydrofuran	5.18	42	674	0.51	ug/l	#	72
36) 1,1-Dichloropropene	5.67	75	16642	4.46	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	22284	5.45	ug/l	#	17
49) 1,4-Dioxane	7.76	88	43	0.64	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.65	43	2995	0.71	ug/l		99
65) Chlorobenzene	10.14	112	11430	1.42	ug/l		91
73) Isopropylbenzene	11.02	105	16971	1.36	ug/l		96
76) 1,2,3-Trichloropropane	11.14	75	90696	27.08	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	90696	76.65	ug/l	#	7
83) tert-Butylbenzene	11.77	119	5685	0.55	ug/l		77
85) sec-Butylbenzene	11.95	105	21811	1.74	ug/l		94
86) p-Isopropyltoluene	12.24	119	19399	1.72	ug/l		98
87) 1,3-Dichlorobenzene	12.03	146	1421	0.22	ug/l		93
88) 1,4-Dichlorobenzene	12.03	146	1421	0.21	ug/l		92
90) Hexachloroethane	12.67	117	1255	0.75	ug/l	#	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	358	0.42	ug/l	#	1

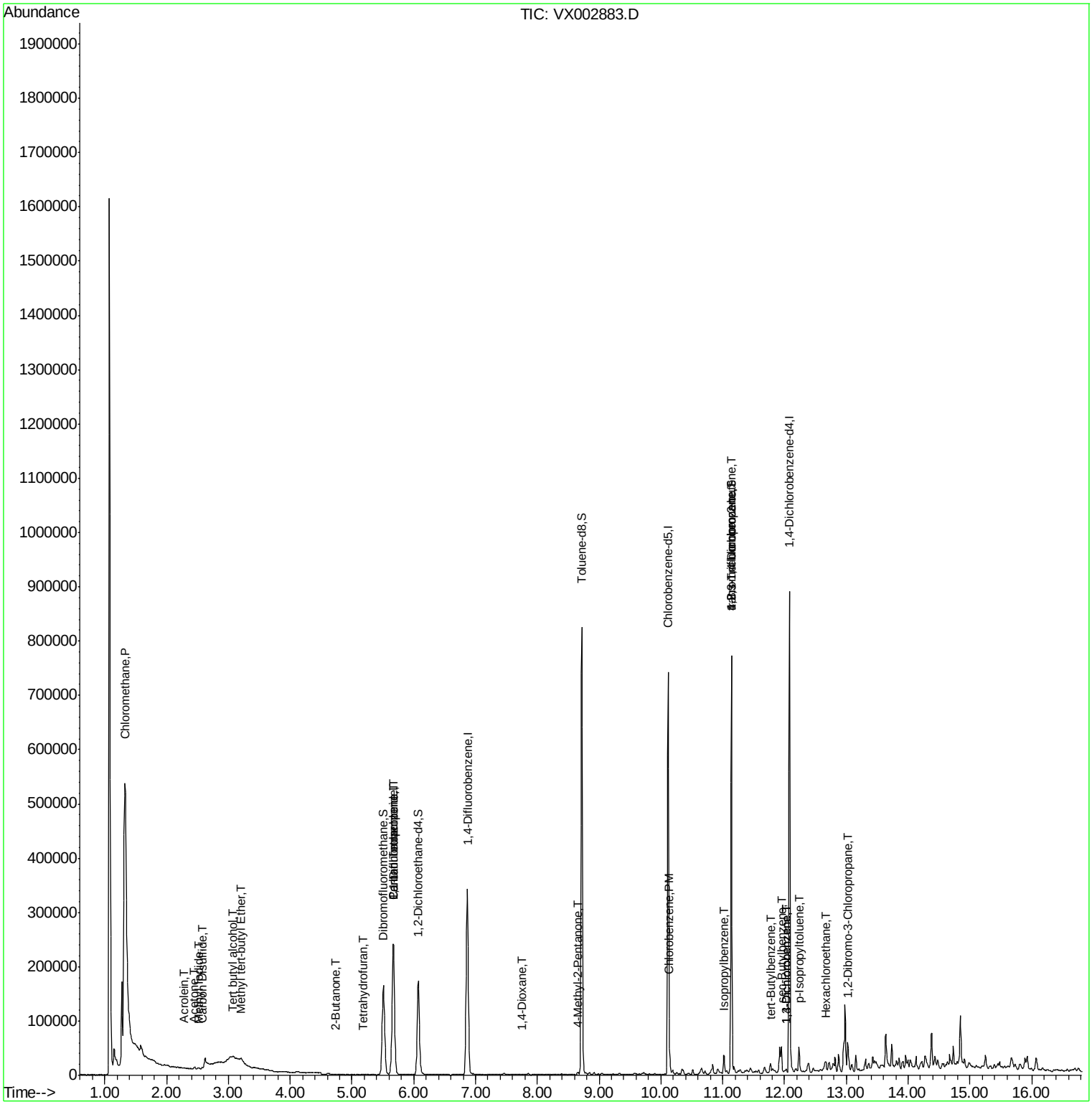
(#) = qualifier out of range (m) = manual integration (+) = signals summed

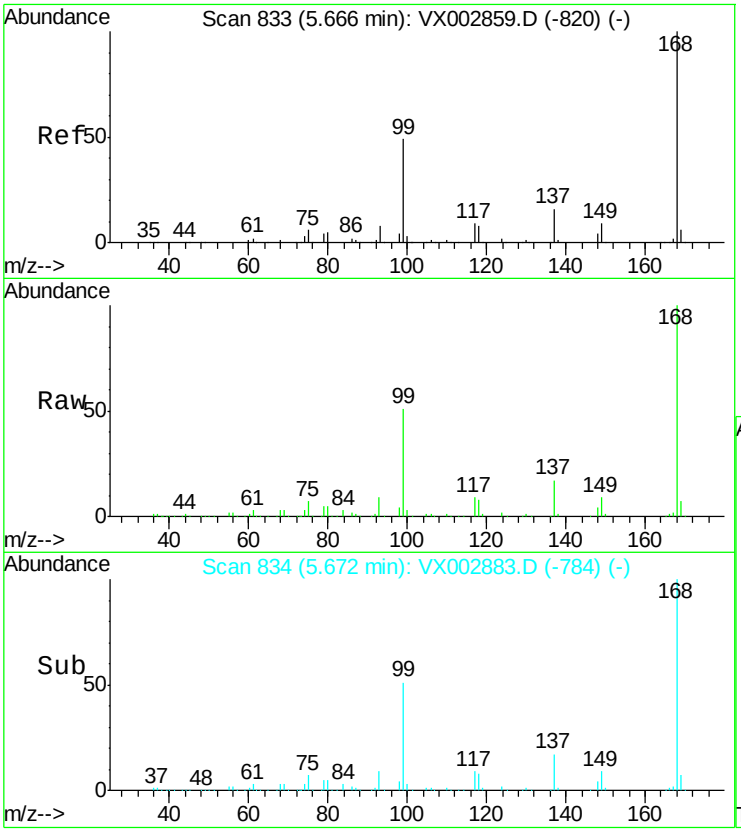
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
Data File : VX002883.D
Acq On : 26 Jun 2018 02:07
Operator : JC/MD
Sample : J3705-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 27 05:29:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration



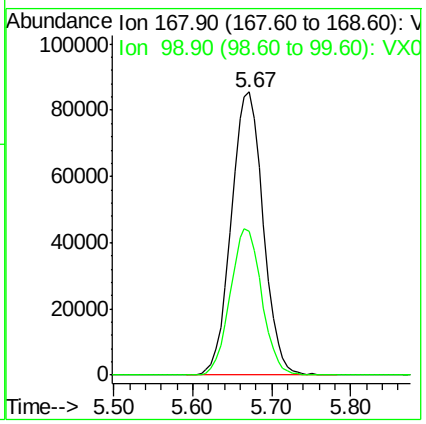


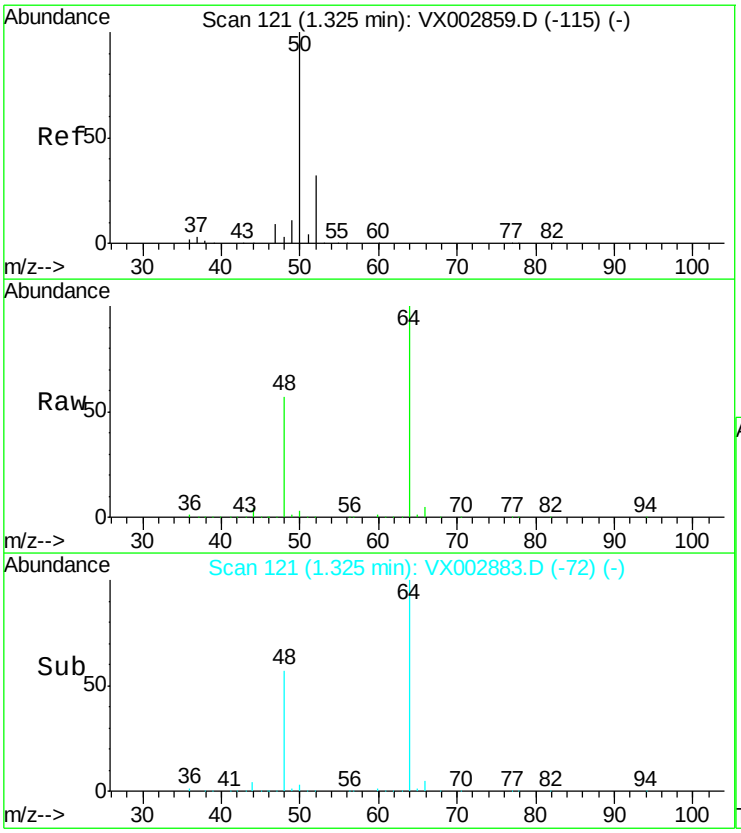
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 241134

Ion	Ratio	Lower	Upper
168	100		
99	50.6	39.3	58.9

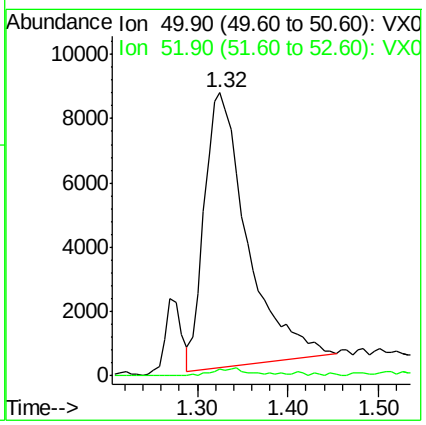


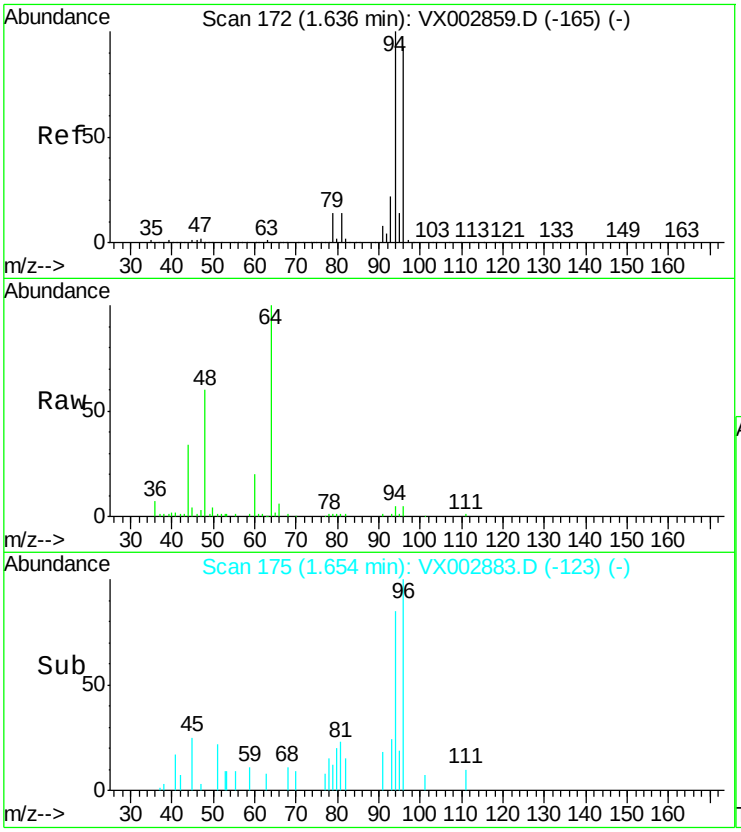


#3
Chloromethane
Concen: 11.80 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Tgt Ion: 50 Resp: 28410

Ion	Ratio	Lower	Upper
50	100		
52	2.8	25.7	38.5#



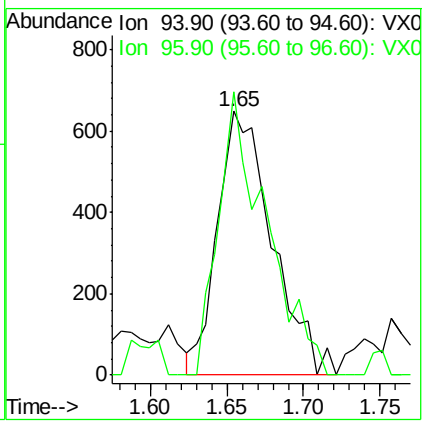


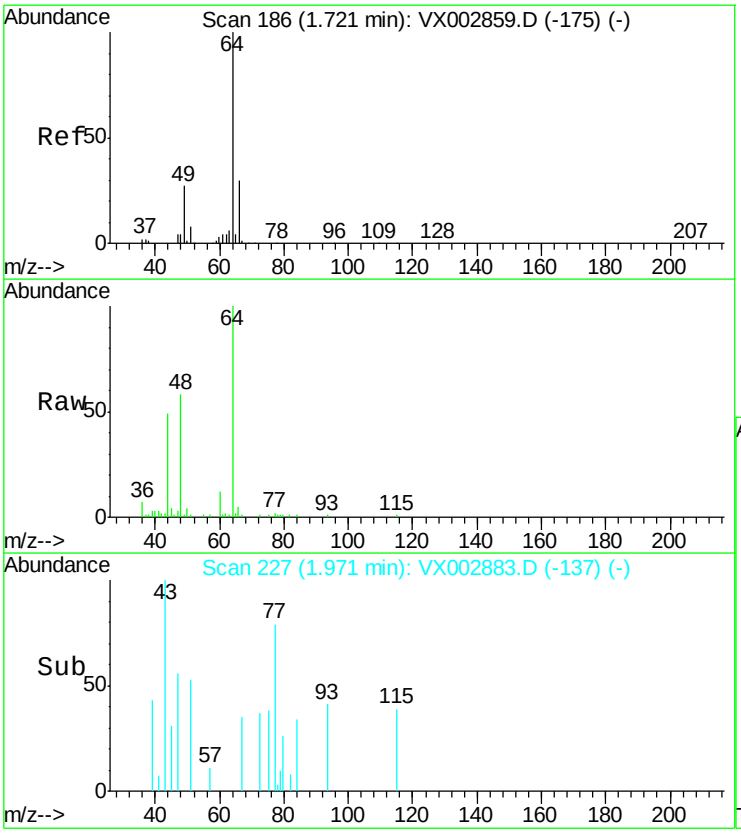
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 1611

Ion	Ratio	Lower	Upper
94	100		
96	107.4	74.9	112.3

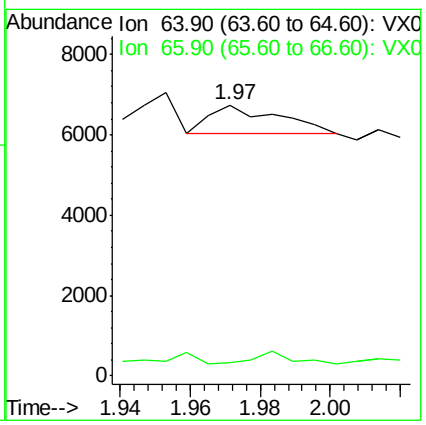


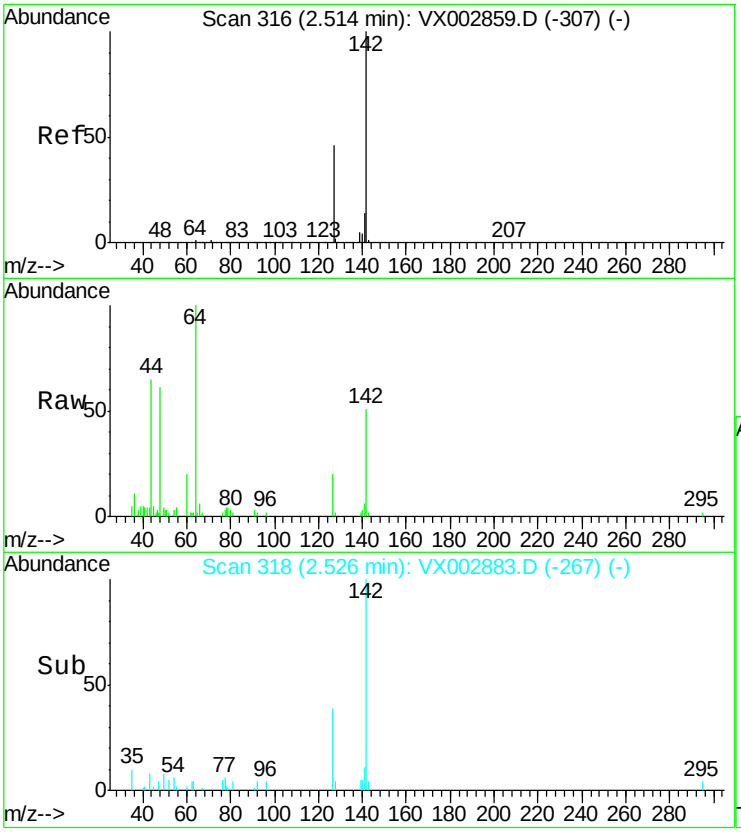


#6
Chloroethane
Concen: Below Cal
RT: 1.97 min Scan# 227
Delta R.T. 0.25 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Tgt Ion: 64 Resp: 994

Ion	Ratio	Lower	Upper
64	100		
66	2.8	25.5	38.3#



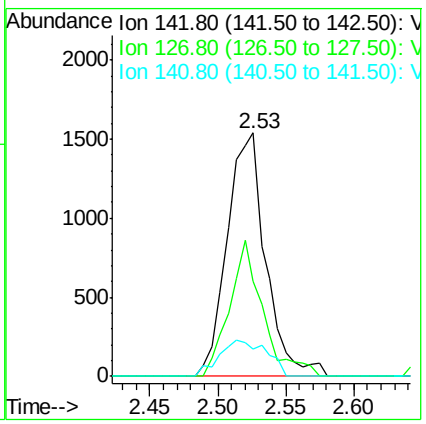


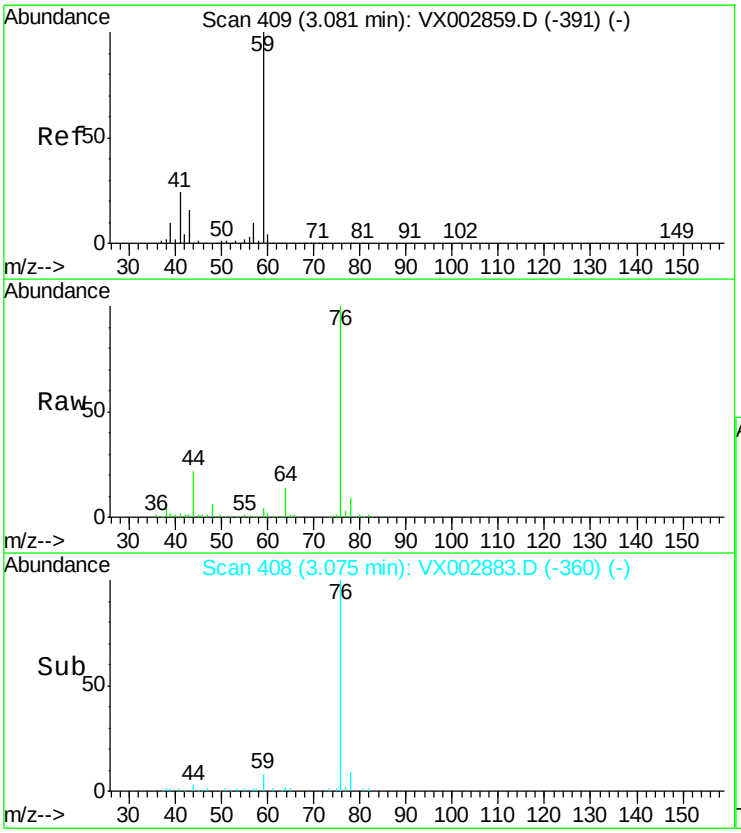
#10
Methyl Iodide
Concen: 7.21 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 3035

Ion	Ratio	Lower	Upper
142	100		
127	48.6	36.6	55.0
141	18.2	11.3	16.9#

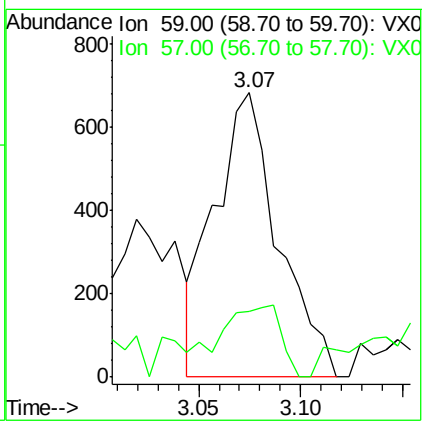


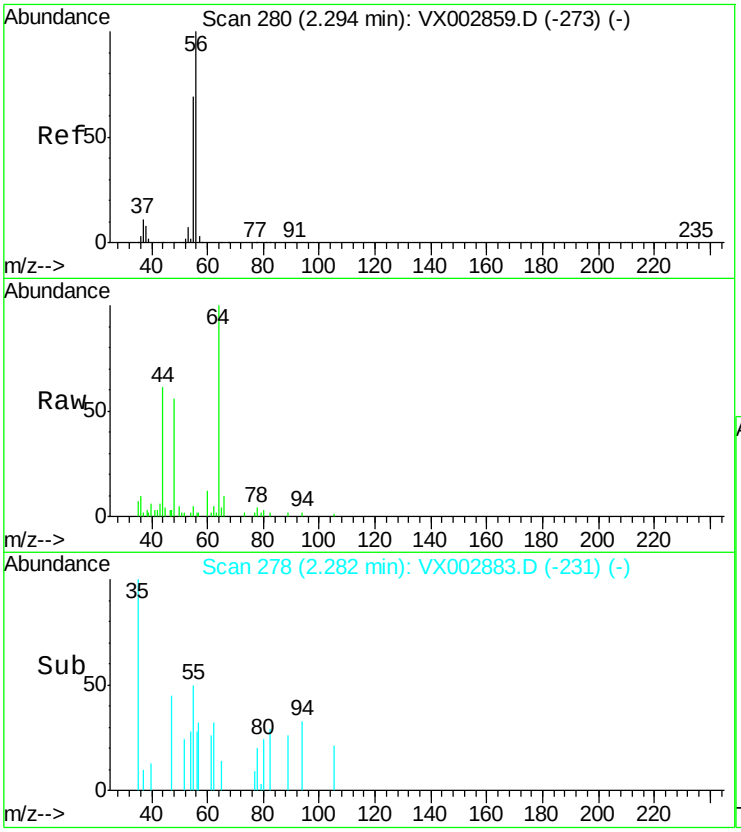


#11
Tert butyl alcohol
Concen: 2.22 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Tgt Ion: 59 Resp: 1475

Ion	Ratio	Lower	Upper
59	100		
57	20.2	8.2	12.2#



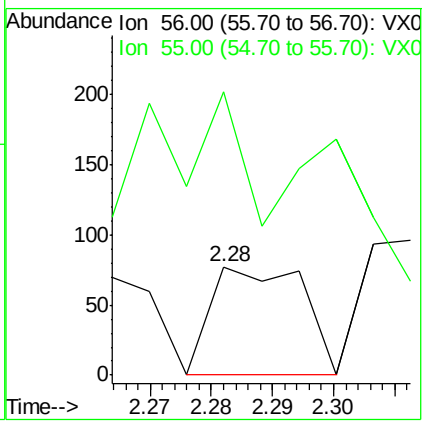


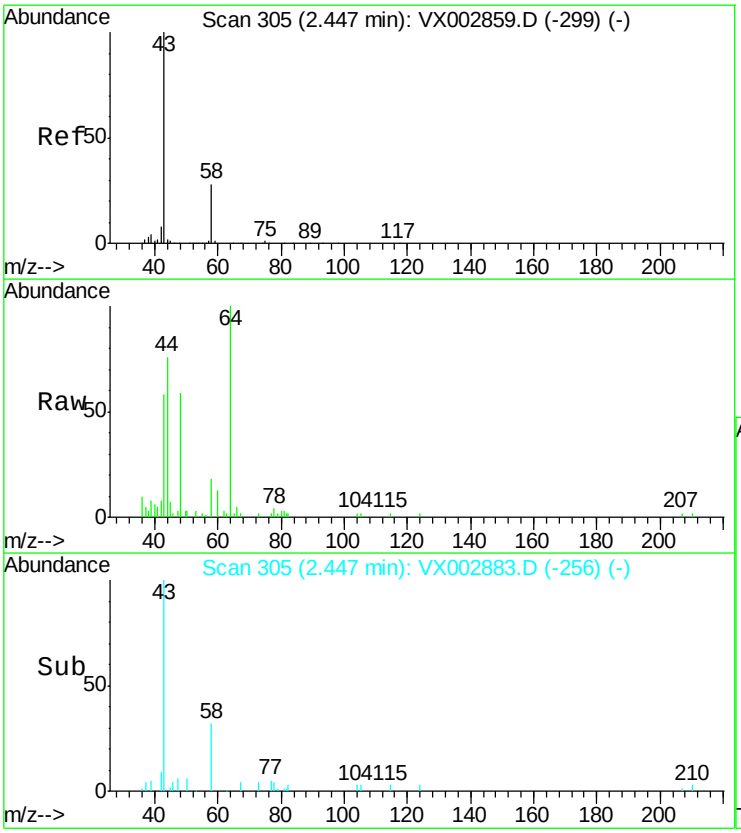
#13
Acrolein
Concen: 4.44 ug/l
RT: 2.28 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 80

Ion	Ratio	Lower	Upper
56	100		
55	421.3	57.0	85.4#

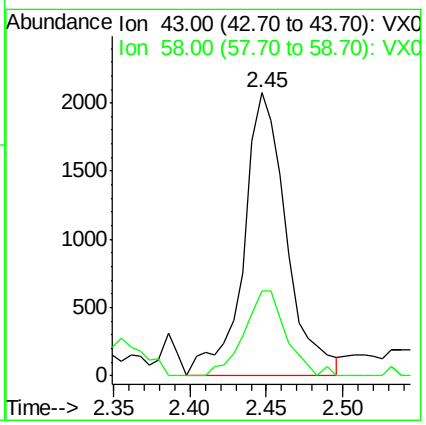


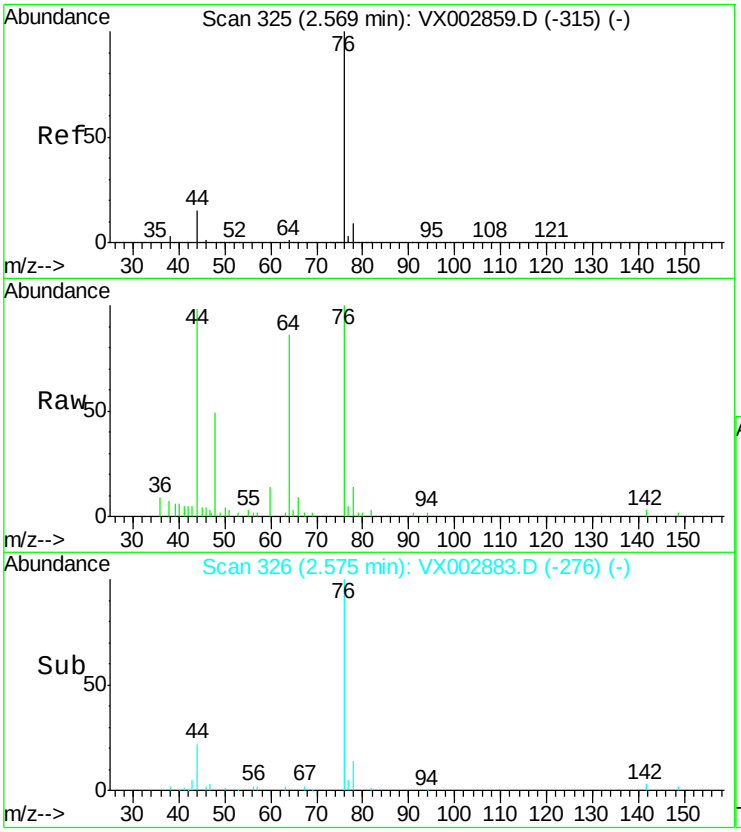


#16
Acetone
Concen: 2.93 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Tgt Ion: 43 Resp: 4050

Ion	Ratio	Lower	Upper
43	100		
58	30.2	22.1	33.1



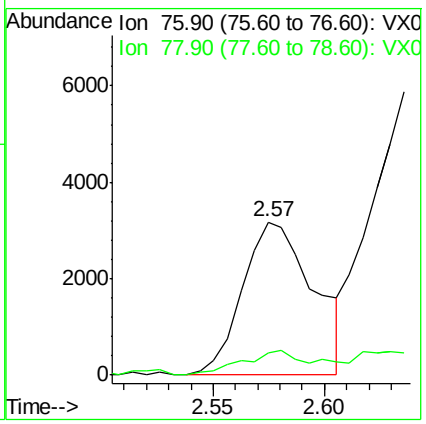


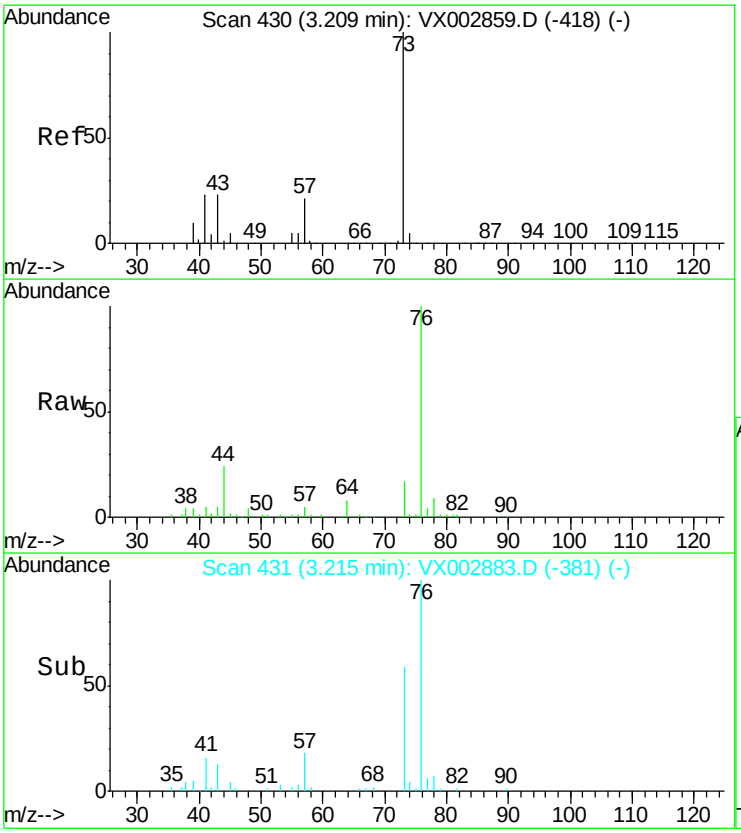
#17
Carbon Disulfide
Concen: 1.12 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 7065

Ion	Ratio	Lower	Upper
76	100		
78	14.5	6.9	10.3#

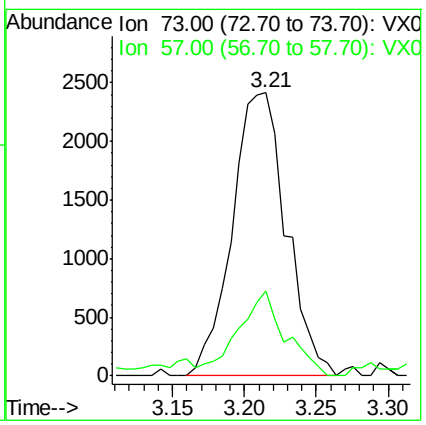


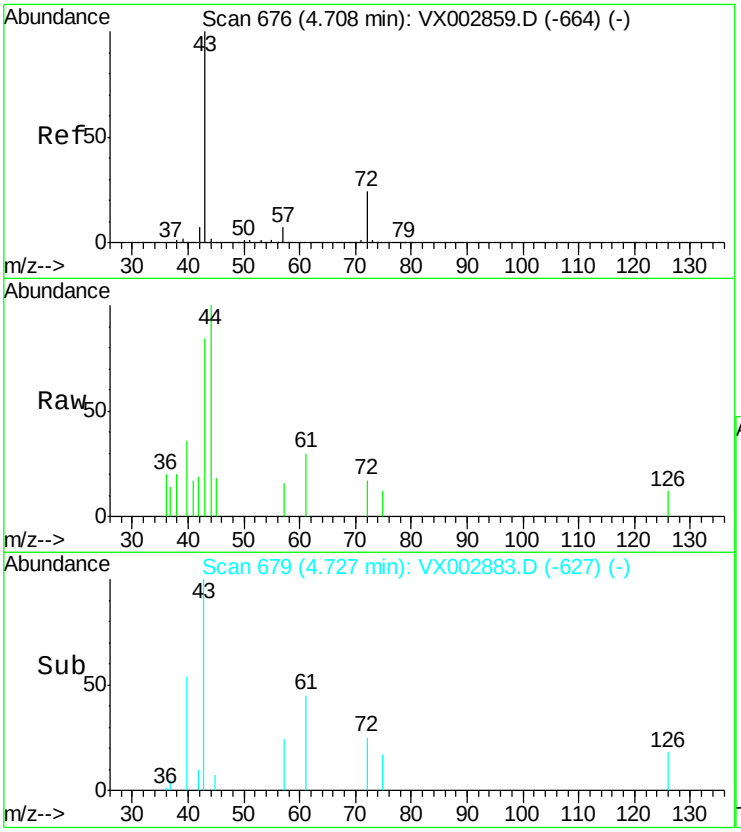


#19
Methyl tert-butyl Ether
Concen: 0.74 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Tgt Ion: 73 Resp: 6300

Ion	Ratio	Lower	Upper
73	100		
57	29.9	17.7	26.5#



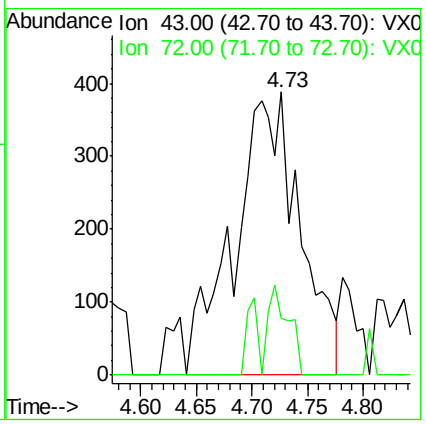


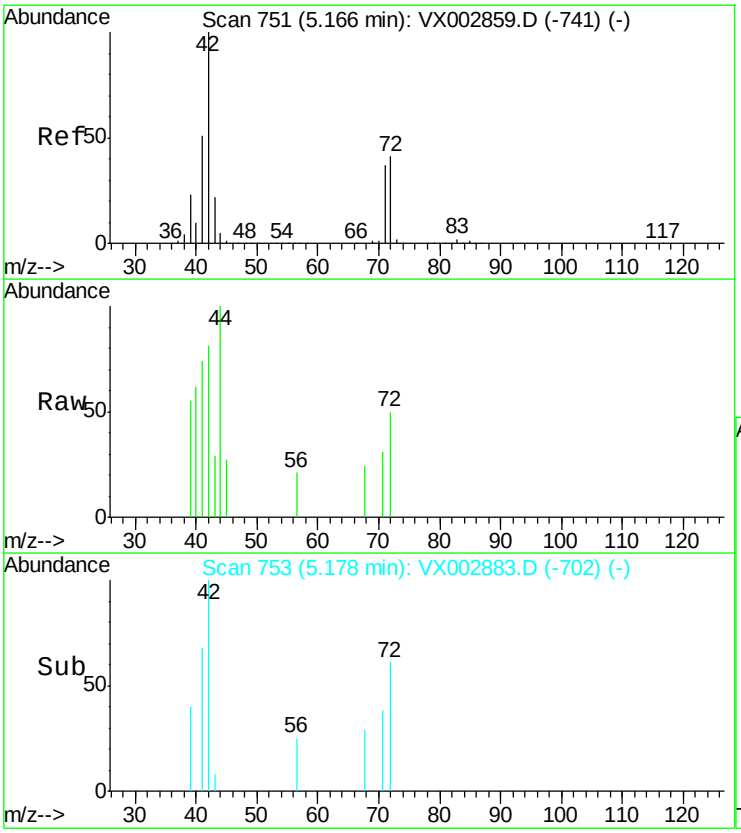
#25
2-Butanone
Concen: 0.78 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.02 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1593

Ion	Ratio	Lower	Upper
43	100		
72	20.1	18.5	27.7

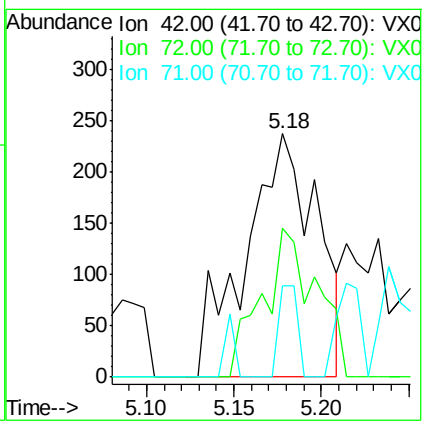


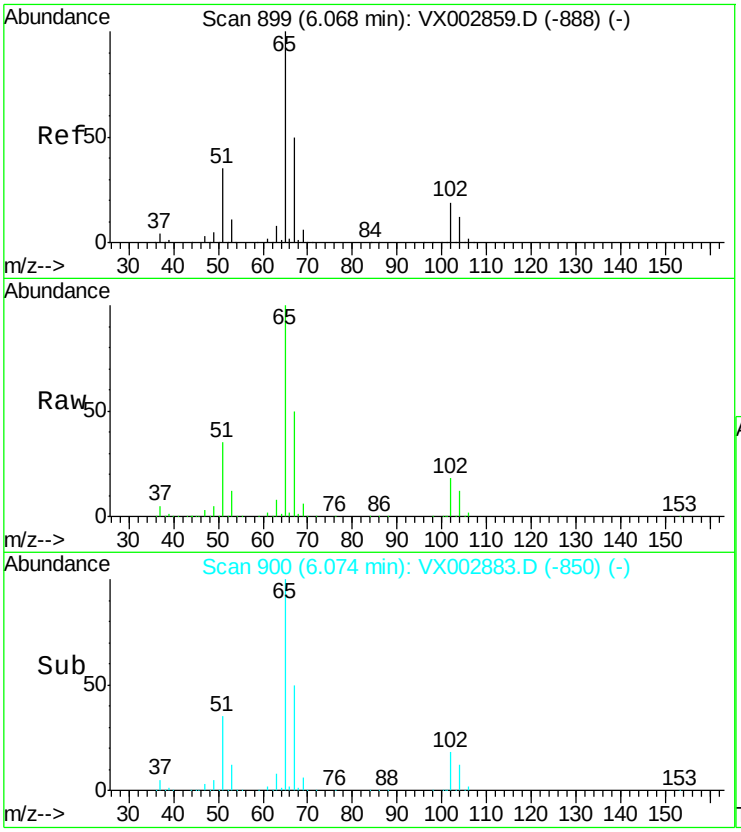


#29
Tetrahydrofuran
Concen: 0.51 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Tgt Ion: 42 Resp: 674

Ion	Ratio	Lower	Upper
42	100		
72	46.3	32.0	48.0
71	9.6	30.1	45.1#



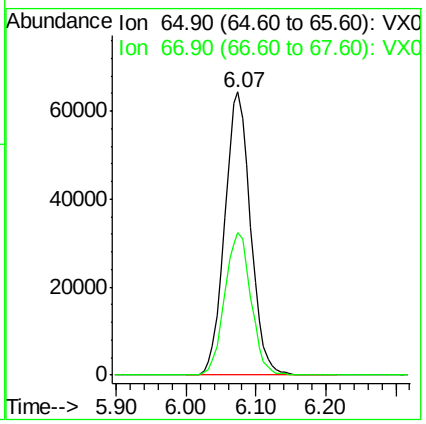


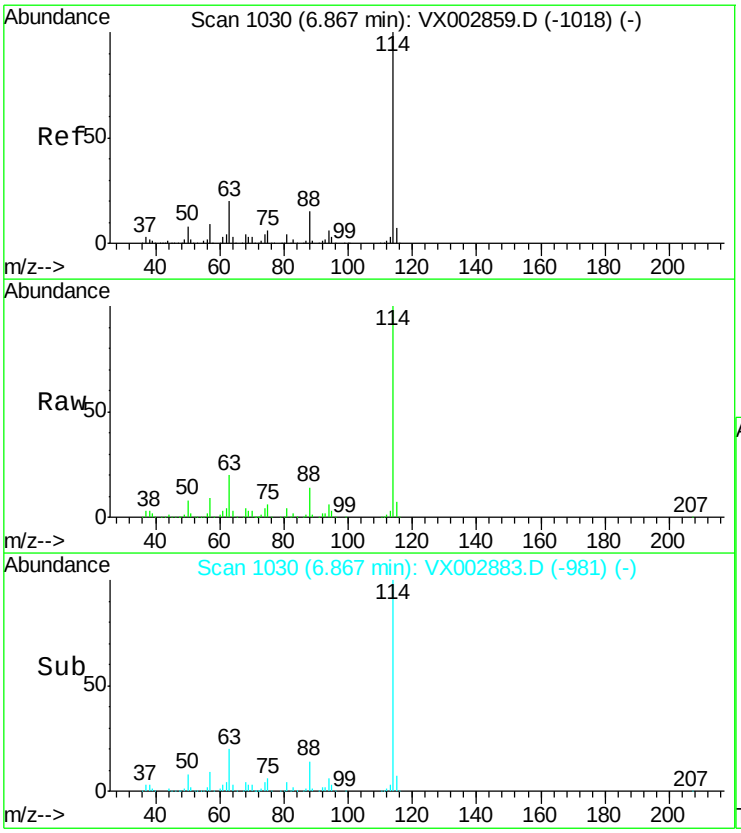
#33
1,2-Dichloroethane-d4
Concen: 49.47 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 164879

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.6

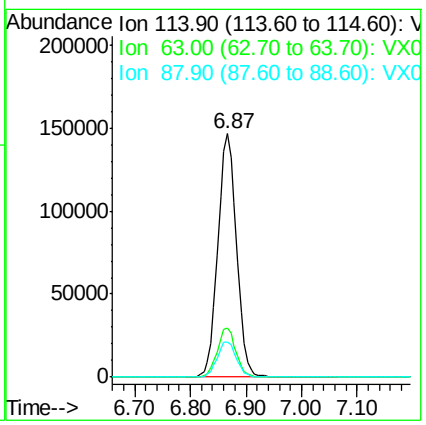


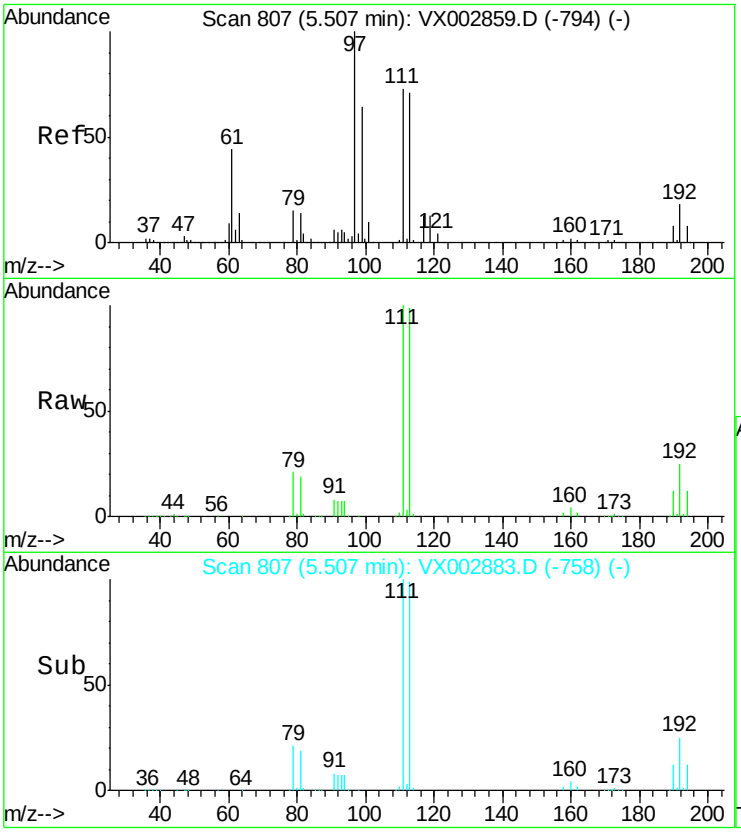


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Tgt Ion:114 Resp: 339923

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.4
88	14.5	0.0	30.0



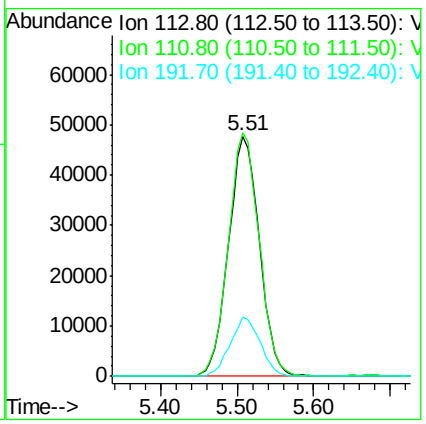


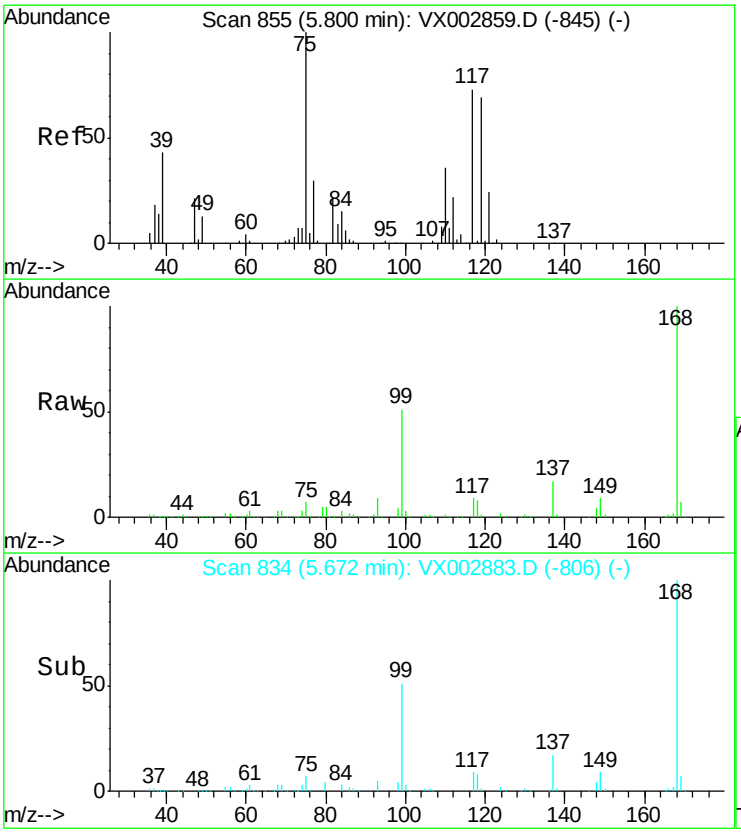
#35
Dibromofluoromethane
Concen: 49.54 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 133359

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.0
192	24.0	19.1	28.7

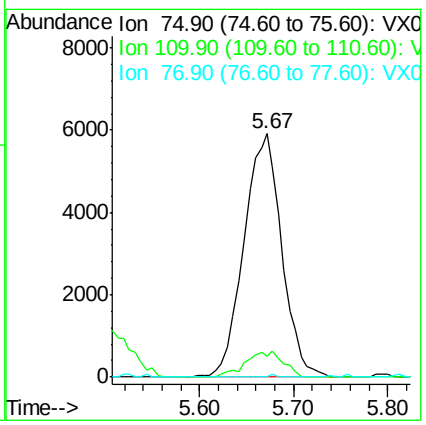


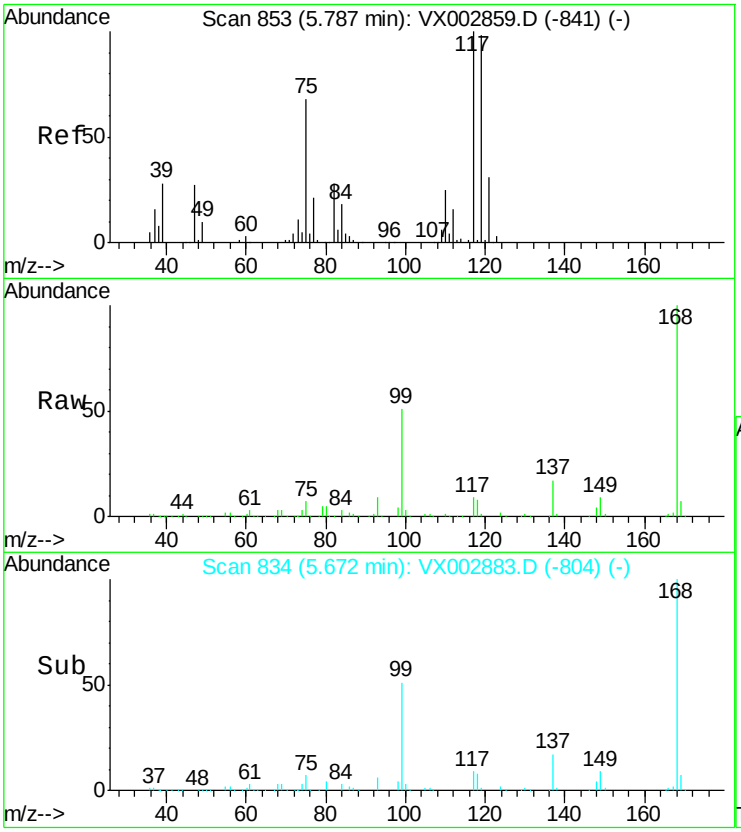


#36
1,1-Dichloropropene
Concen: 4.46 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Tgt Ion: 75 Resp: 16642

Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.1	54.4#
77	0.2	24.3	36.5#



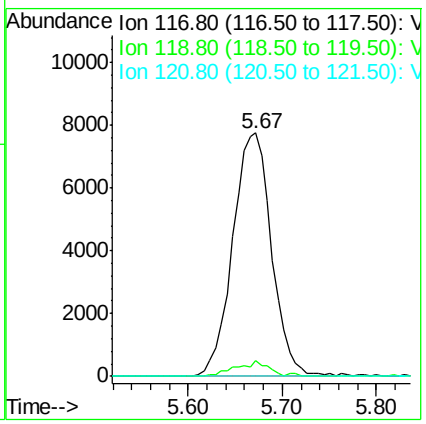


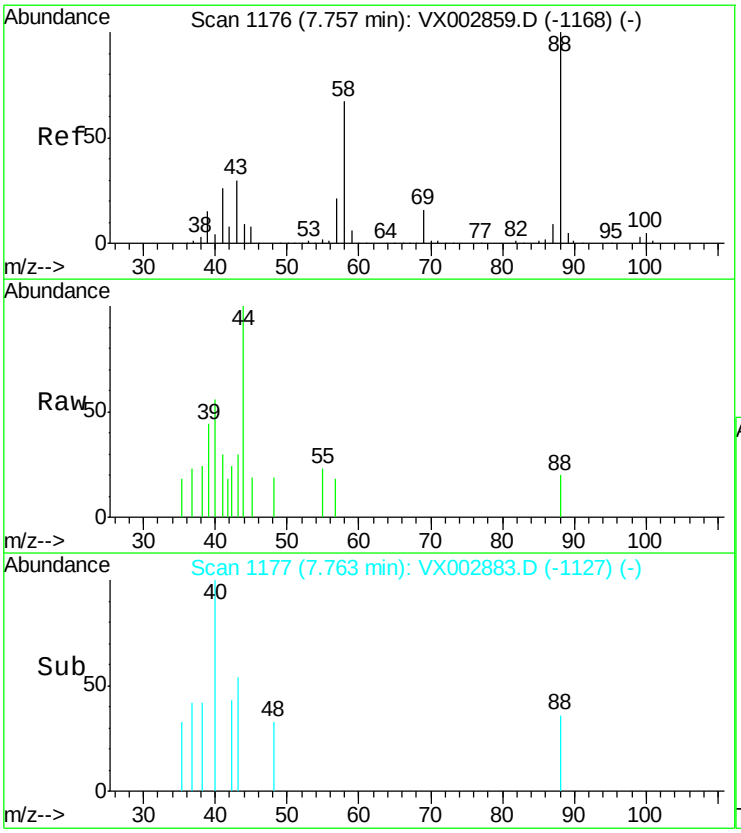
#38
Carbon Tetrachloride
Concen: 5.45 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 22284

Ion	Ratio	Lower	Upper
117	100		
119	6.7	77.4	116.0#
121	0.0	24.4	36.6#

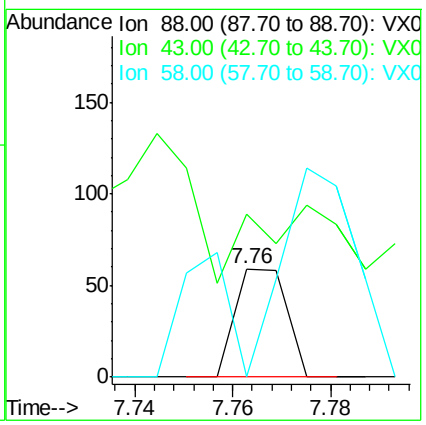


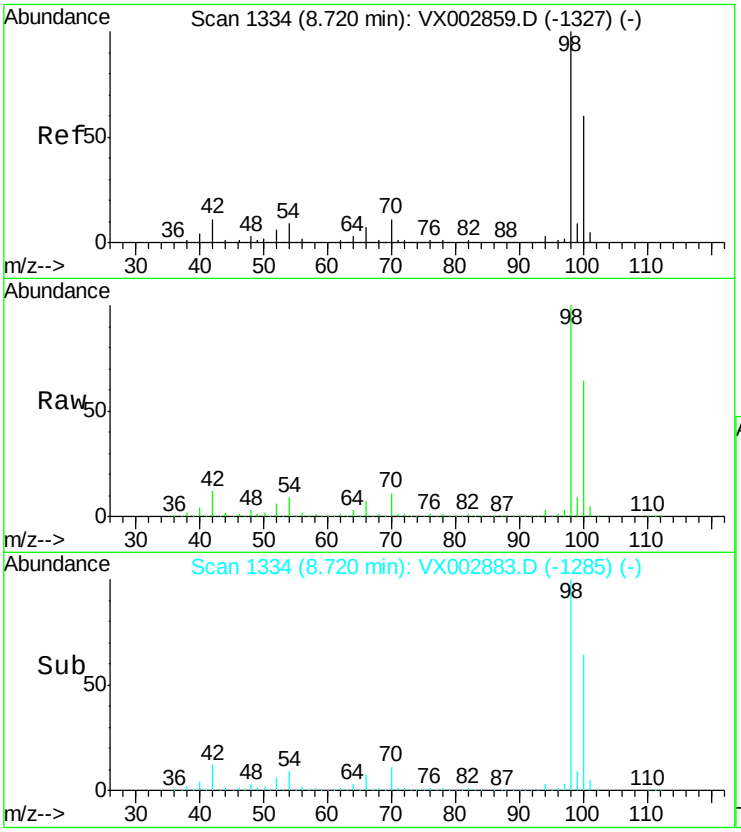


#49
1,4-Dioxane
Concen: 0.64 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Tgt Ion: 88 Resp: 43

Ion	Ratio	Lower	Upper
88	100		
43	225.6	29.8	44.6#
58	107.0	57.1	85.7#



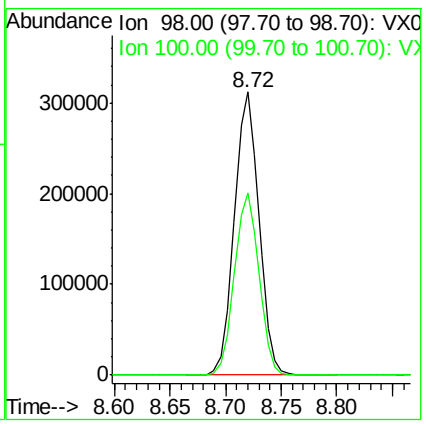


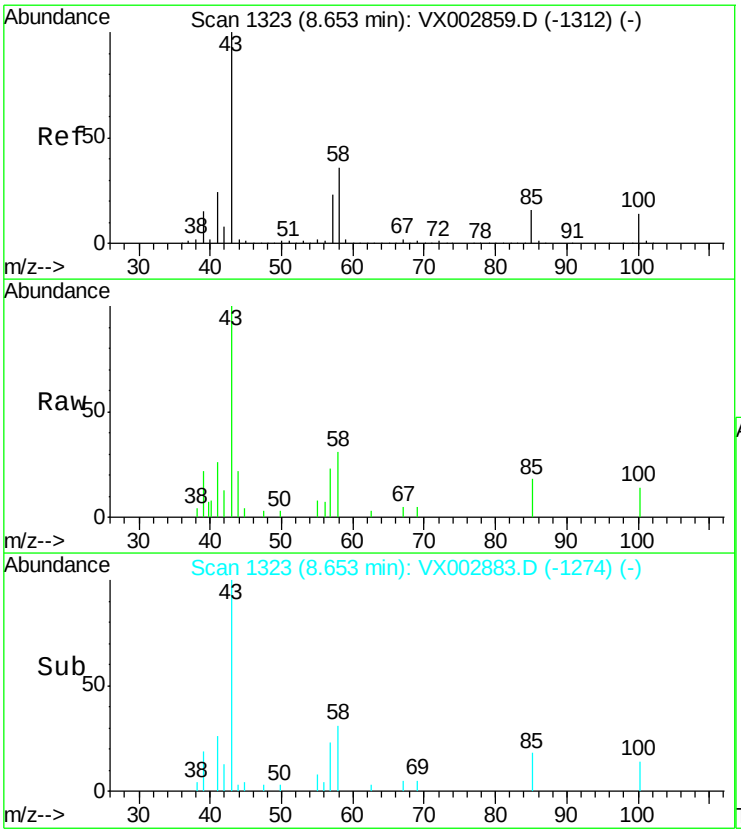
#50
Toluene-d8
Concen: 48.59 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 477685

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3

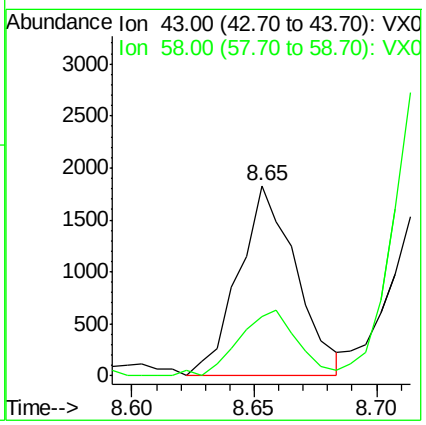


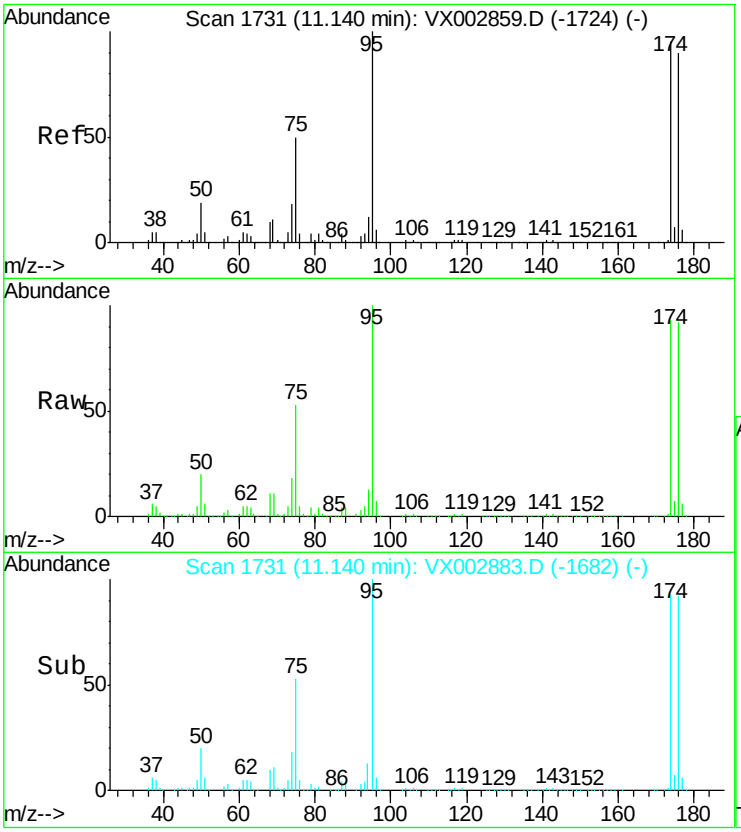


#51
4-Methyl-2-Pentanone
Concen: 0.71 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Tgt Ion: 43 Resp: 2995

Ion	Ratio	Lower	Upper
43	100		
58	35.1	28.6	42.8



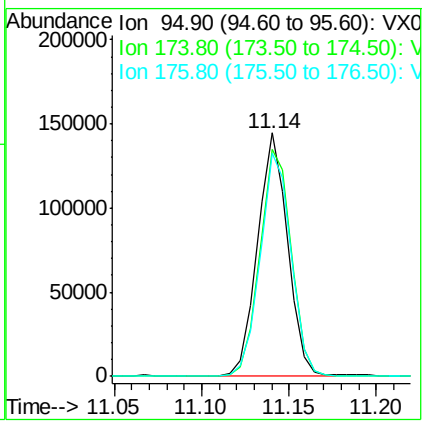


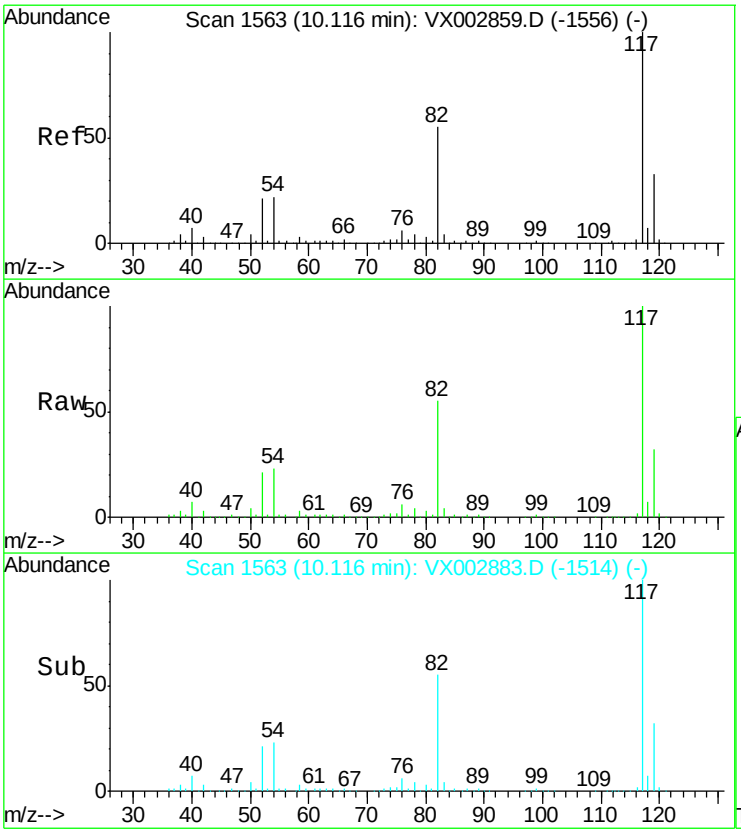
#62
4-Bromofluorobenzene
Concen: 45.59 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 172827

Ion	Ratio	Lower	Upper
95	100		
174	97.2	0.0	187.4
176	94.3	0.0	181.0

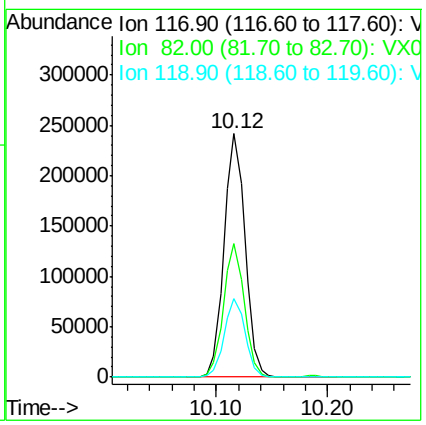


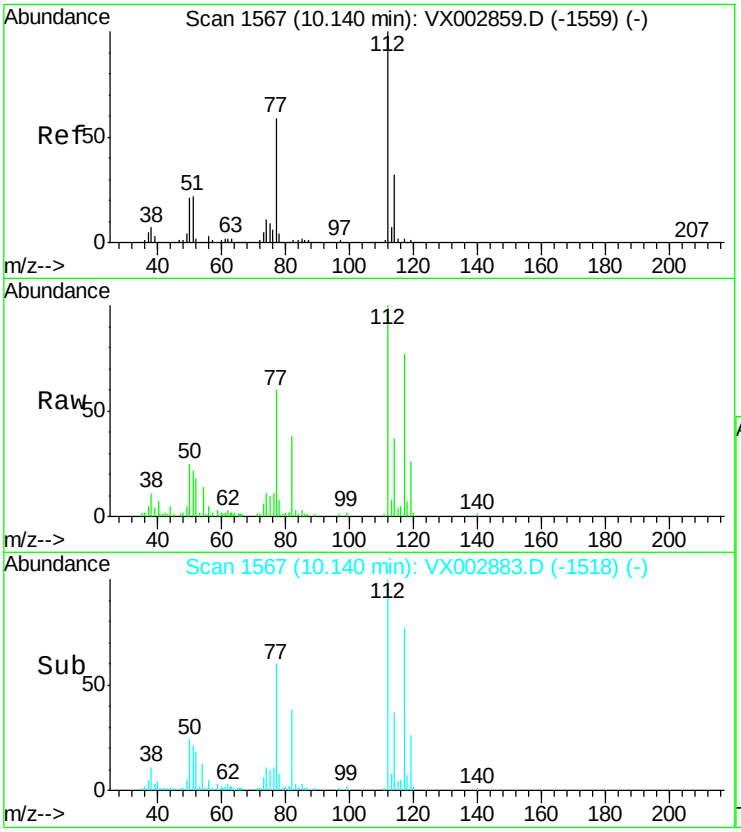


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Tgt Ion:117 Resp: 316080

Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.0	67.4
119	32.4	25.8	38.6



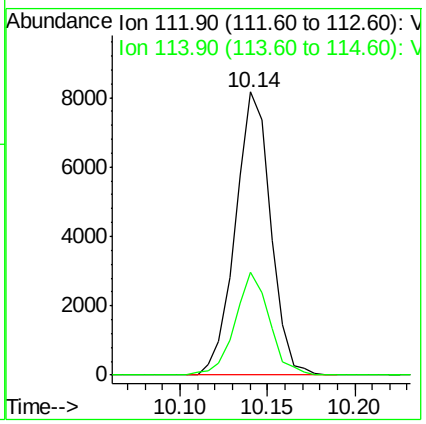


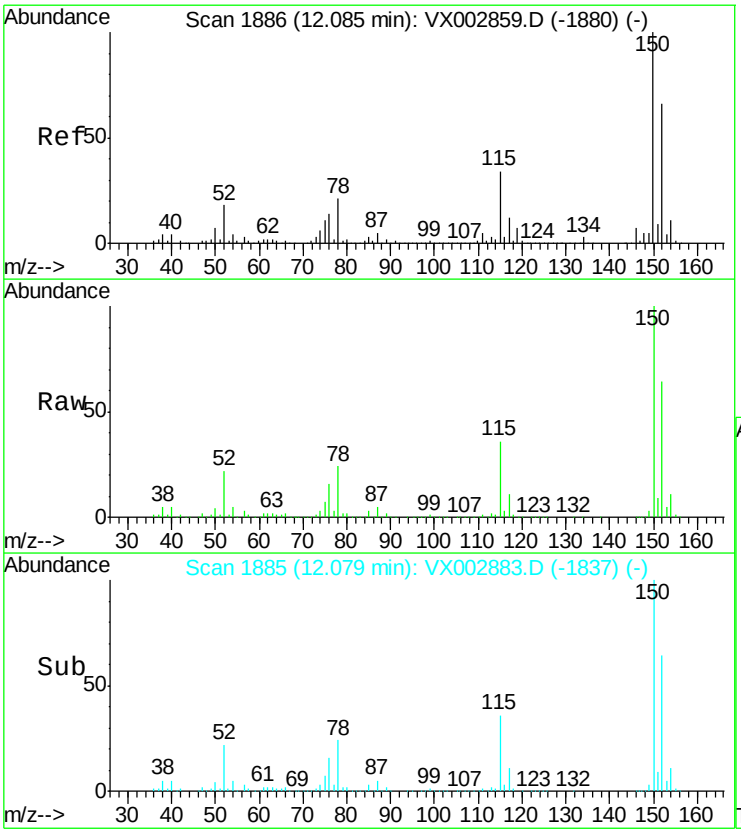
#65
Chlorobenzene
Concen: 1.42 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 11430

Ion	Ratio	Lower	Upper
112	100		
114	36.5	25.3	37.9

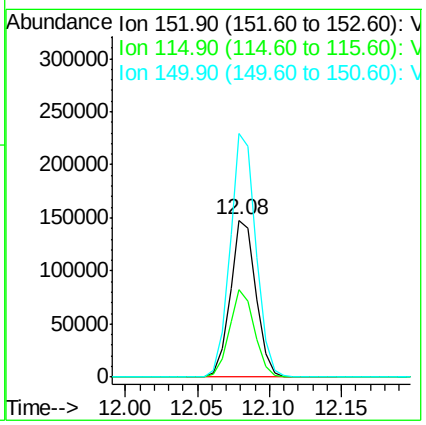


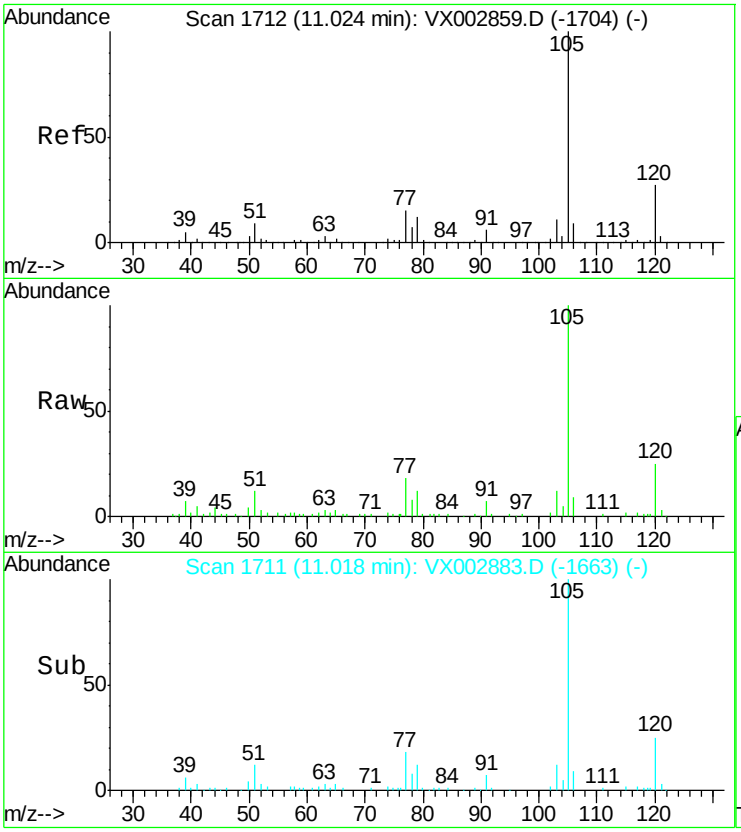


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Tgt Ion:152 Resp: 184900

Ion	Ratio	Lower	Upper
152	100		
115	54.3	40.1	120.2
150	155.9	0.0	347.2



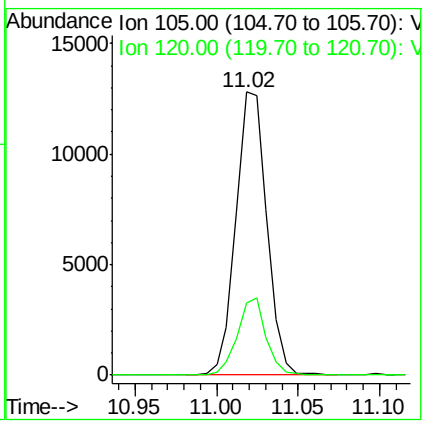


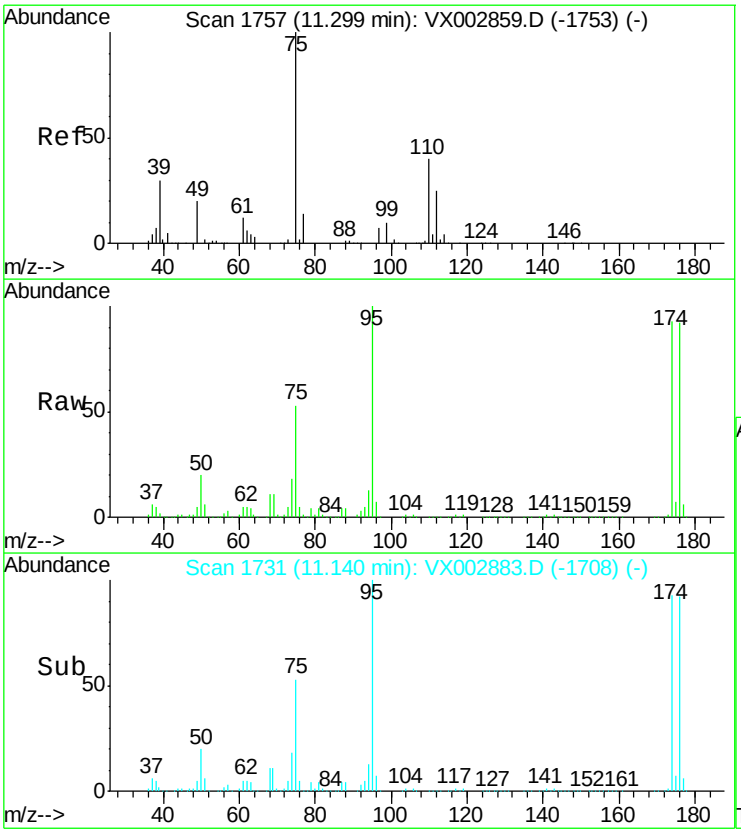
#73
Isopropylbenzene
Concen: 1.36 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 16971

Ion	Ratio	Lower	Upper
105	100		
120	25.1	13.5	40.4

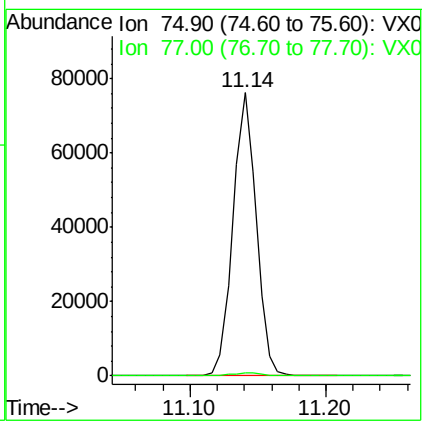


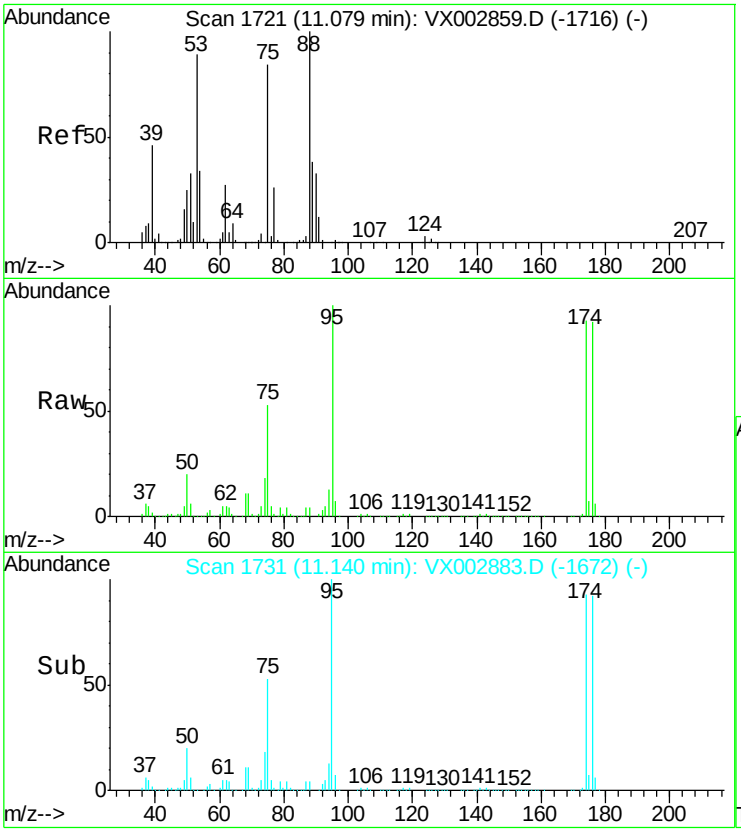


#76
1,2,3-Trichloropropane
Concen: 27.08 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Tgt Ion: 75 Resp: 90696

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#



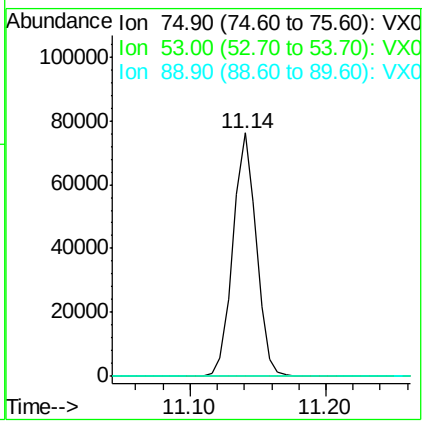


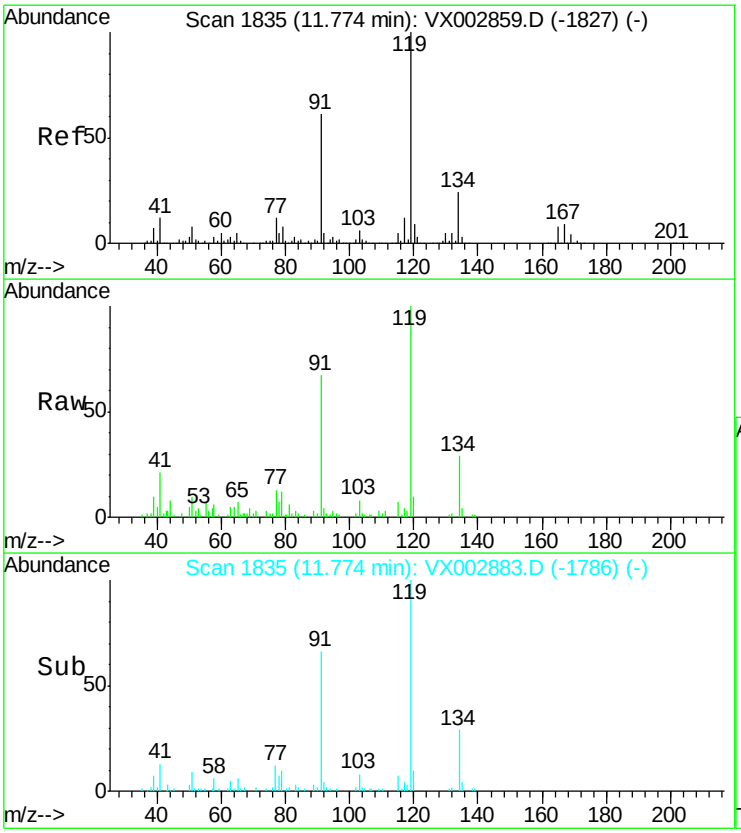
#81
trans-1,4-Dichloro-2-butene
Concen: 76.65 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 90696

Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.8	130.2#
89	0.0	38.2	57.2#

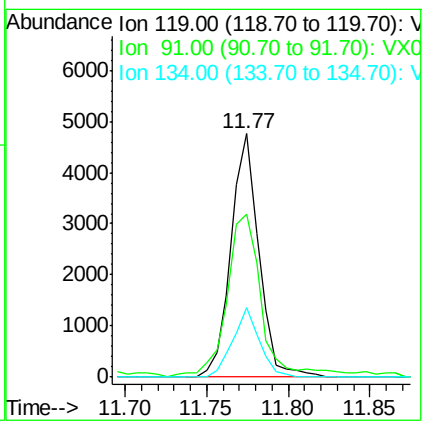


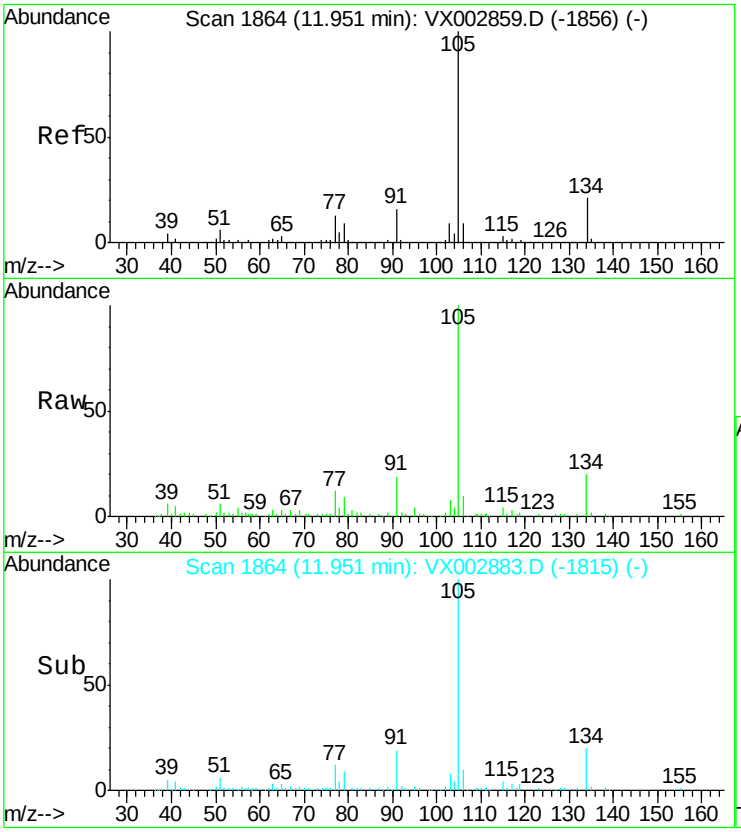


#83
tert-Butylbenzene
Concen: 0.55 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Tgt Ion:119 Resp: 5685

Ion	Ratio	Lower	Upper
119	100		
91	83.0	30.3	90.9
134	27.2	11.7	35.1



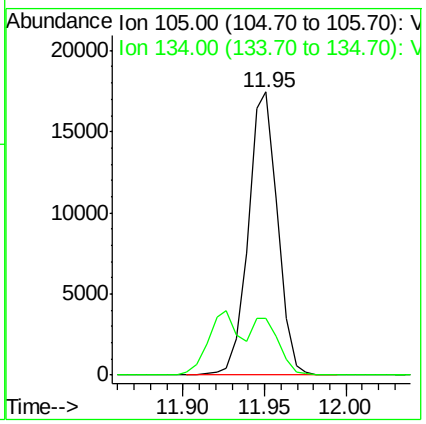


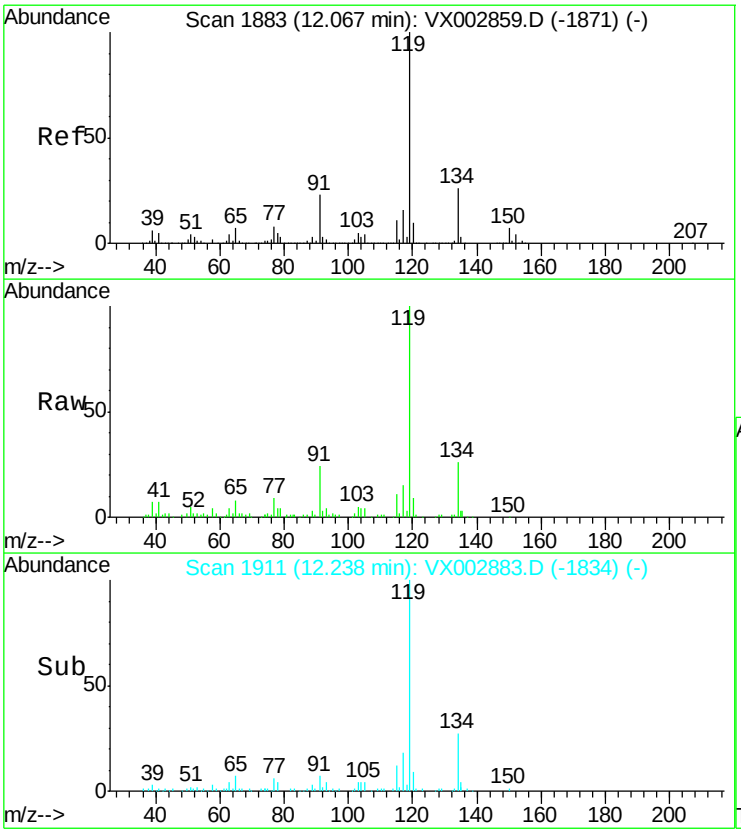
#85
sec-Butylbenzene
Concen: 1.74 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 21811

Ion	Ratio	Lower	Upper
105	100		
134	17.9	10.4	31.1

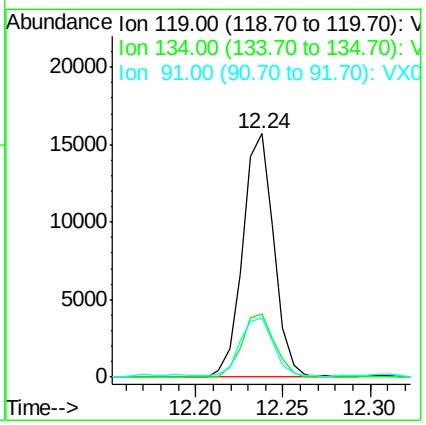


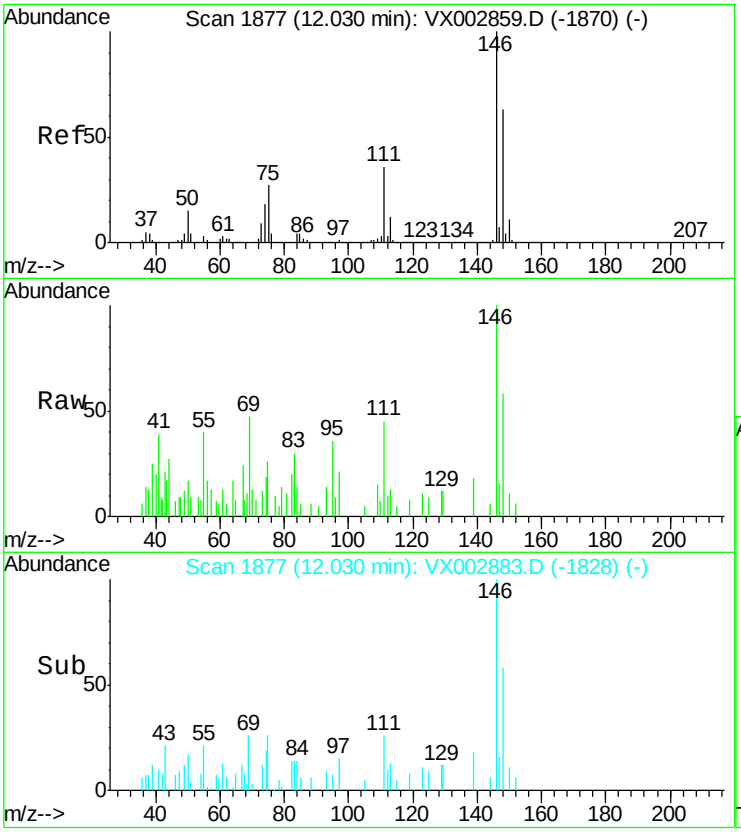


#86
p-Isopropyltoluene
Concen: 1.72 ug/l
RT: 12.24 min Scan# 1911
Delta R.T. 0.17 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Tgt Ion:119 Resp: 19399

Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.4	40.1
91	25.5	11.9	35.7



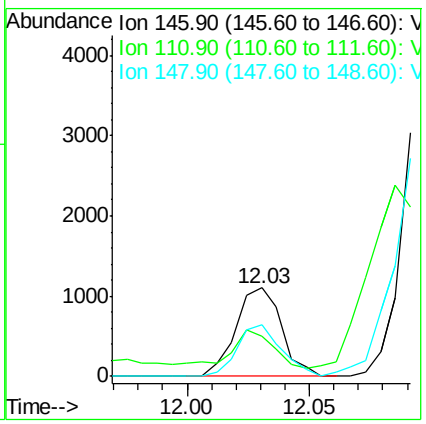


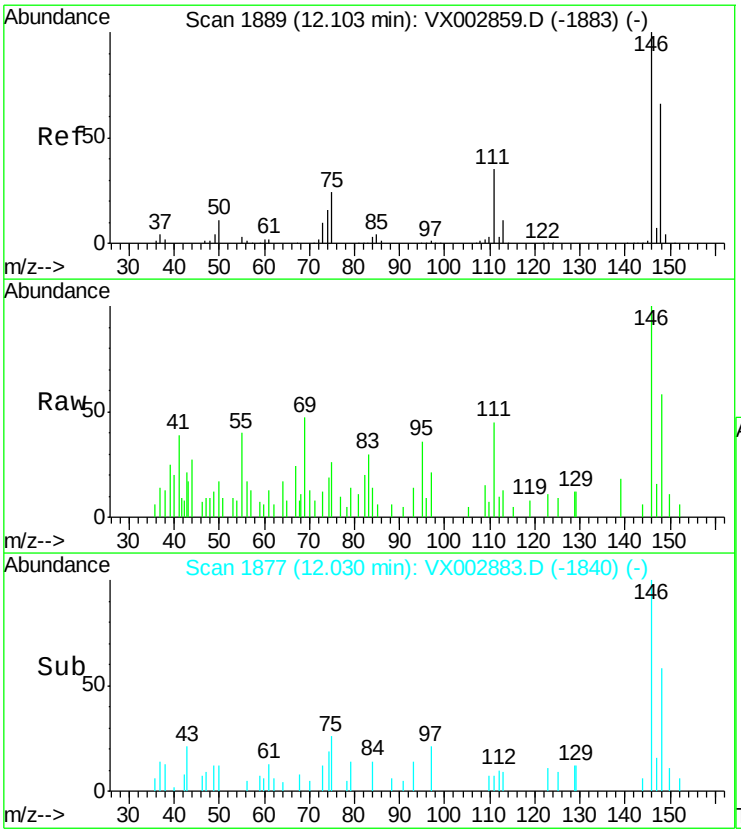
#87
1,3-Dichlorobenzene
Concen: 0.22 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 1421

Ion	Ratio	Lower	Upper
146	100		
111	39.3	18.9	56.7
148	56.2	32.1	96.3

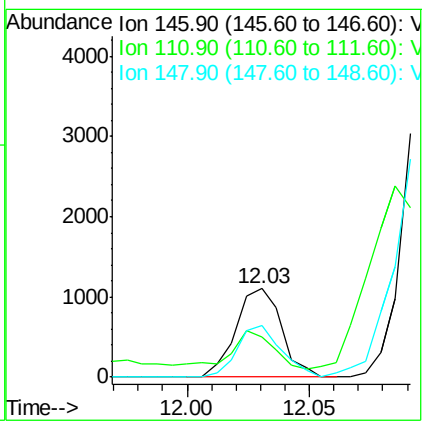


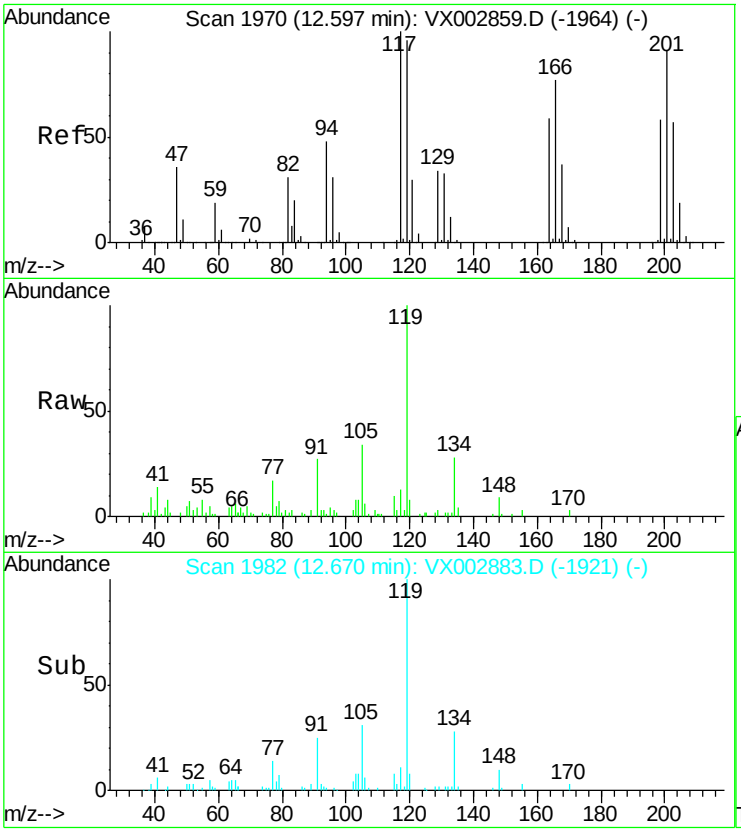


#88
1,4-Dichlorobenzene
Concen: 0.21 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.07 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Tgt Ion:146 Resp: 1421

Ion	Ratio	Lower	Upper
146	100		
111	39.3	18.7	56.1
148	56.2	32.4	97.0



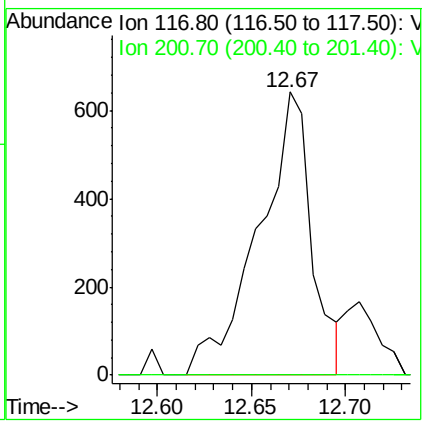


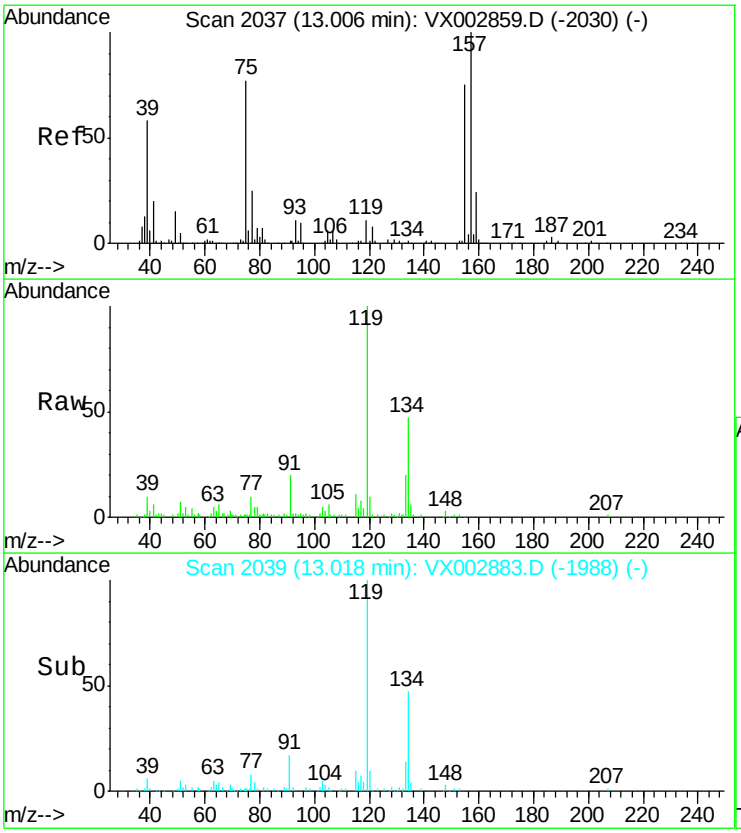
#90
Hexachloroethane
Concen: 0.75 ug/l
RT: 12.67 min Scan# 1982
Delta R.T. 0.07 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 1255

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.42 ug/l
RT: 13.02 min Scan# 2039
Delta R.T. 0.01 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Tgt Ion: 75 Resp: 358

Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.8	137.4#
157	0.0	60.1	180.3#