Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070518\
Data File : VX003177.D
Acq On : 05 Jul 2018 17:26
Operator : JC/MD
Sample : J3842-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S10-0151

Quant Time: Jul 06 01:04:16 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	263888	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	365755	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	348785	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187293	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	167258	45.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.72%				
35) Dibromofluoromethane	5.51	113	139644	48.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.42%				
50) Toluene-d8	8.72	98	504357	47.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.36%				
62) 4-Bromofluorobenzene	11.14	95	178537	43.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.54%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	224	Below Cal			89
3) Chloromethane	1.32	50	1073	Below Cal			98
5) Bromomethane	1.65	94	1637	Below Cal			94
6) Chloroethane	1.71	64	350	Below Cal		#	70
10) Methyl Iodide	2.52	142	2992	7.11	ug/l	#	92
11) Tert butyl alcohol	3.08	59	1117	1.54	ug/l	#	72
13) Acrolein	2.29	56	329	5.03	ug/l	#	14
16) Acetone	2.45	43	3513	2.33	ug/l		96
17) Carbon Disulfide	2.57	76	2213	0.32	ug/l	#	52
25) 2-Butanone	4.73	43	526	0.23	ug/l	#	52
27) cis-1,2-Dichloroethene	4.60	96	791	0.25	ug/l	#	11
29) Tetrahydrofuran	5.18	42	669	0.47	ug/l	#	50
31) Cyclohexane	5.58	56	2195	0.48	ug/l	#	82
38) Carbon Tetrachloride	5.67	117	23523	5.34	ug/l	#	16
40) Benzene	6.15	78	37959	3.26	ug/l		99
73) Isopropylbenzene	11.02	105	5972	0.47	ug/l		93
76) 1,2,3-Trichloropropane	11.14	75	88493	26.08	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	88493	73.95	ug/l	#	7
93) 1,2,4-Trichlorobenzene	13.65	180	1129	0.23	ug/l		98
94) Hexachlorobutadiene	13.79	225	636	0.26	ug/l		87

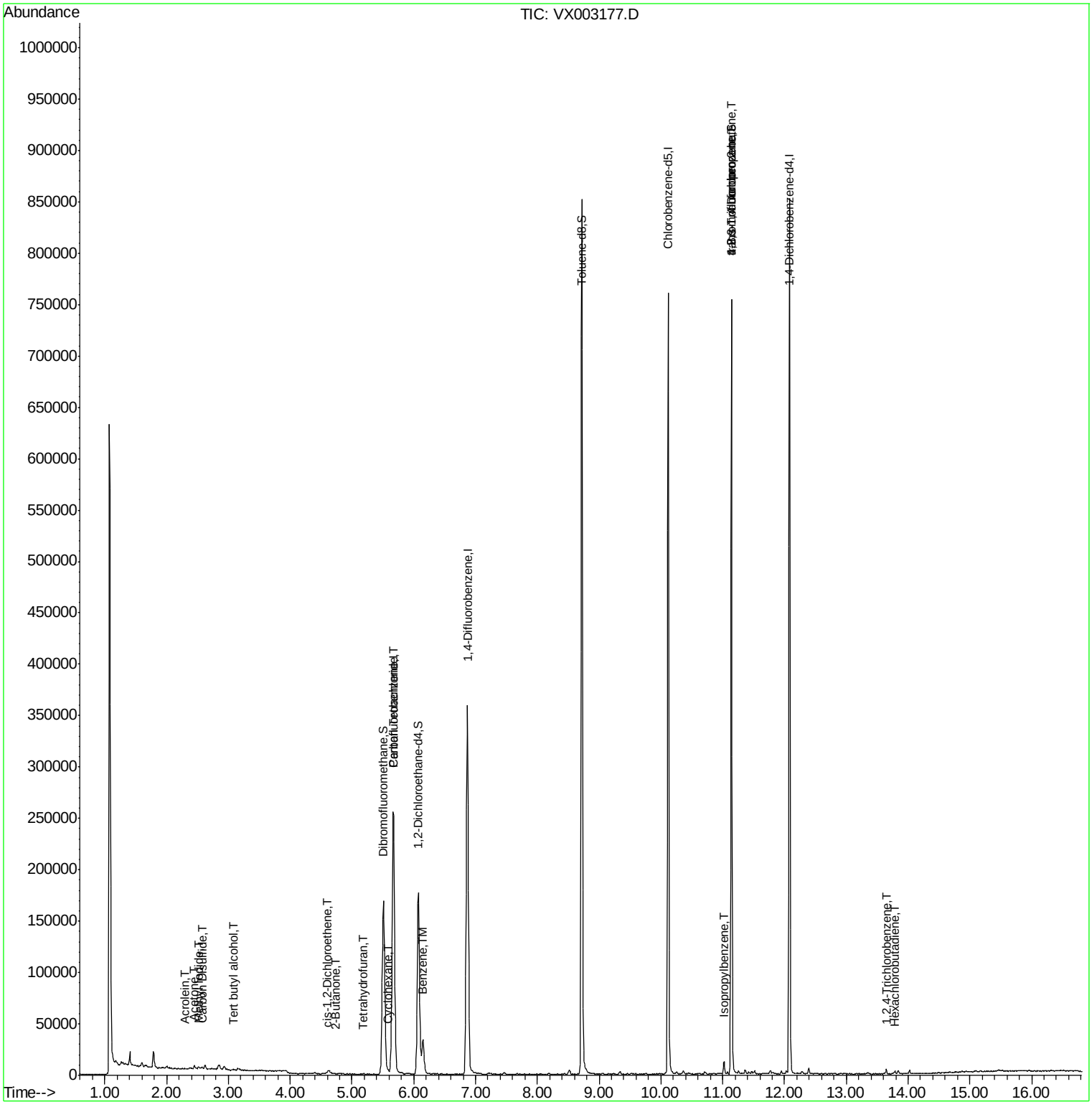
(#) = qualifier out of range (m) = manual integration (+) = signals summed

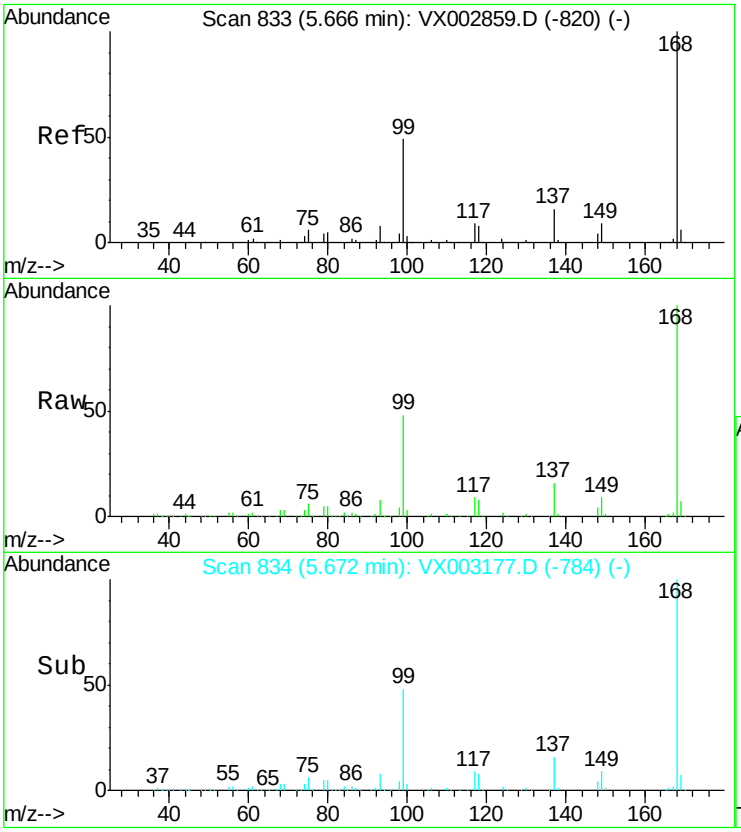
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
Data File : VX003177.D
Acq On : 05 Jul 2018 17:26
Operator : JC/MD
Sample : J3842-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S10-0151

Quant Time: Jul 06 01:04:16 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



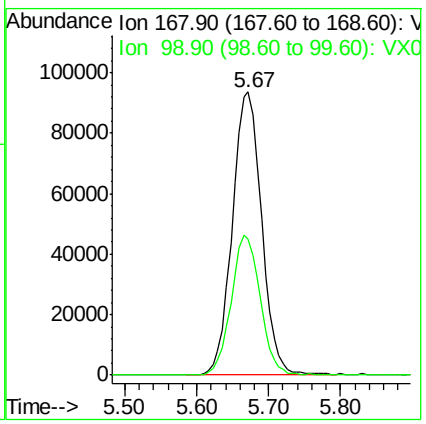


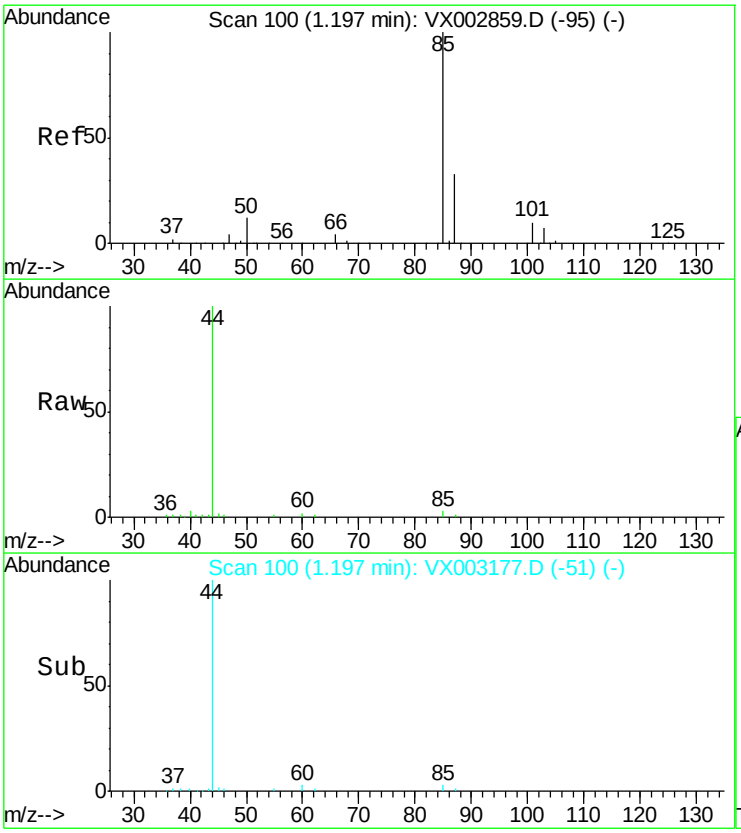
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Instrument :
MSVOA_X
ClientSampleId :
S10-0151

Tgt Ion:168 Resp: 263888

Ion	Ratio	Lower	Upper
168	100		
99	48.1	39.3	58.9

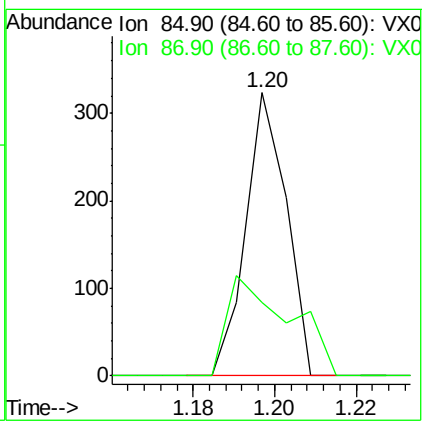


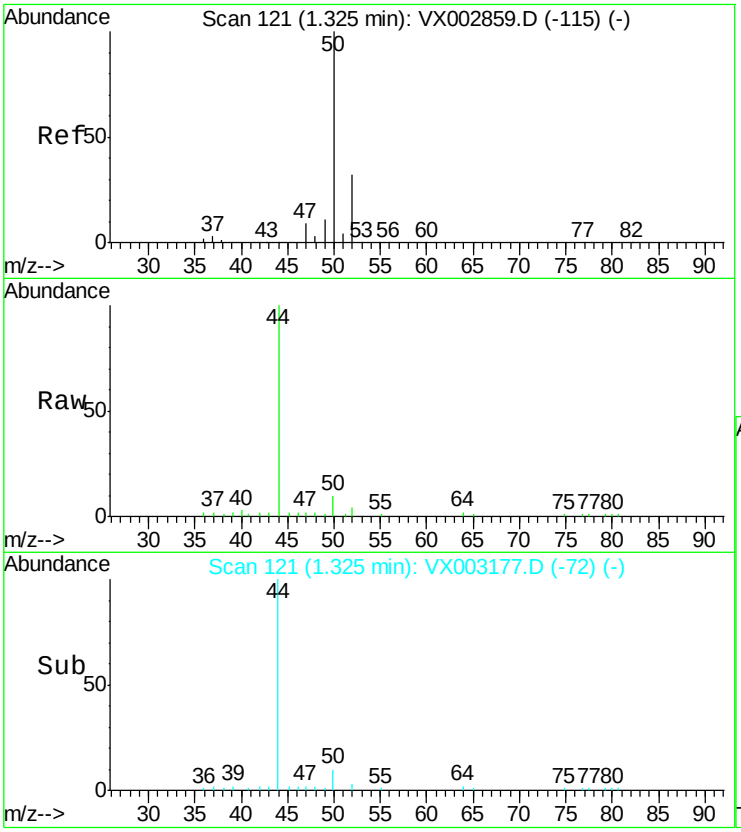


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Tgt Ion: 85 Resp: 224

Ion	Ratio	Lower	Upper
85	100		
87	25.7	16.0	47.9



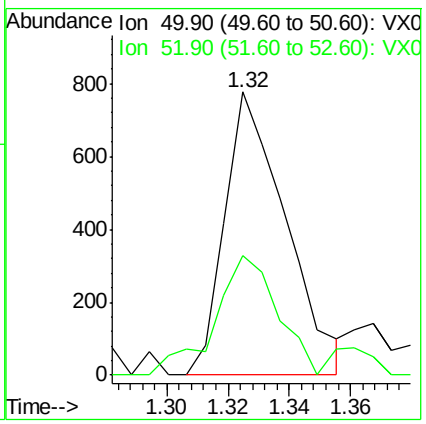


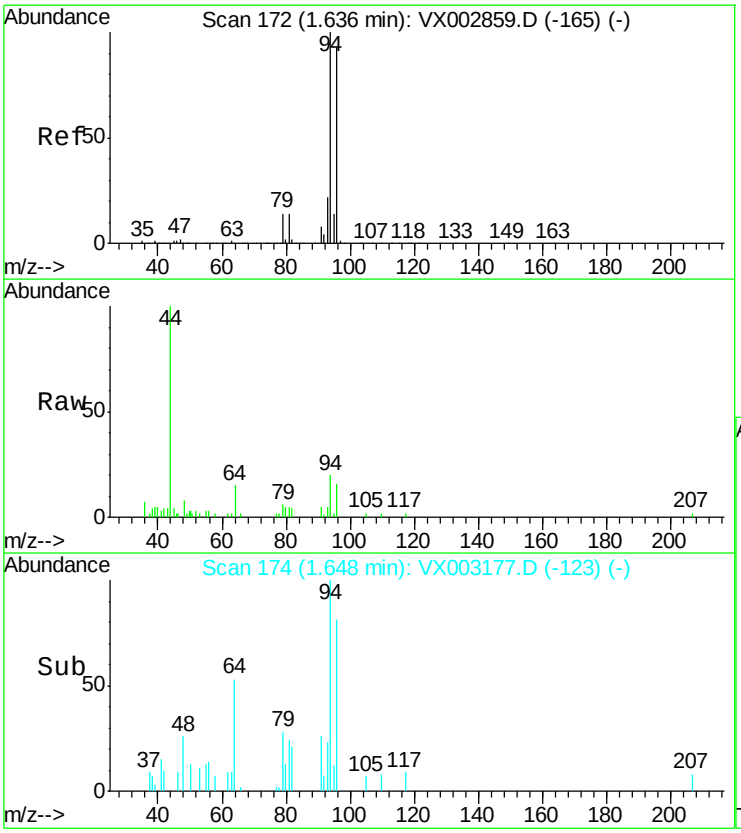
#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Instrument :
MSVOA_X
ClientSampleId :
S10-0151

Tgt Ion: 50 Resp: 1073

Ion	Ratio	Lower	Upper
50	100		
52	33.2	25.7	38.5

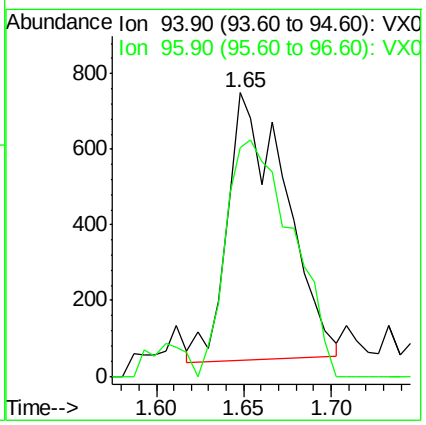


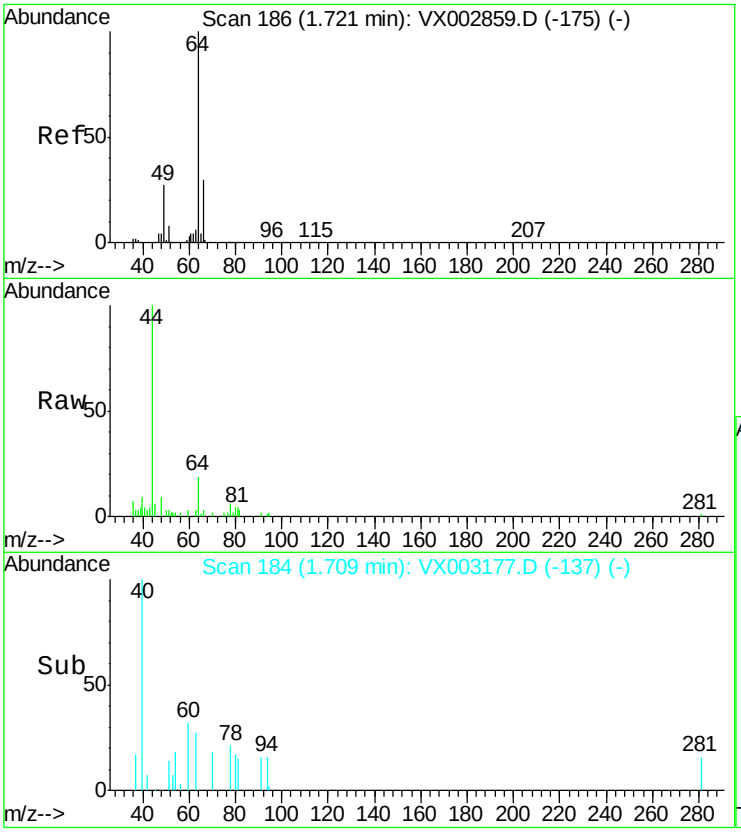


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Tgt Ion: 94 Resp: 1637

Ion	Ratio	Lower	Upper
94	100		
96	88.2	74.9	112.3



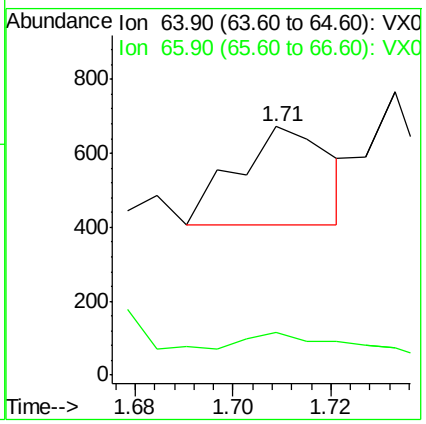


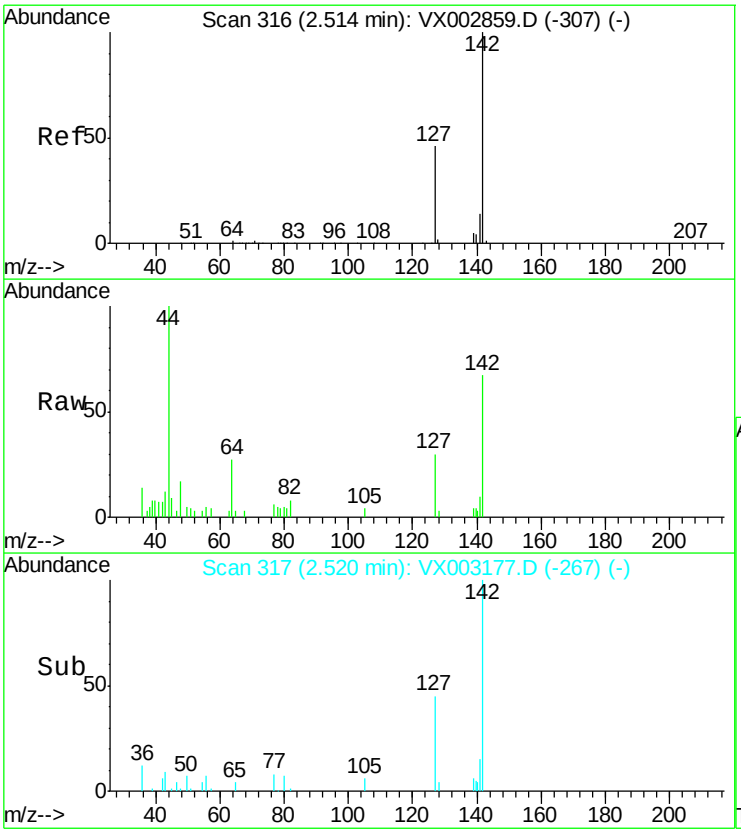
#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 184
Delta R.T. -0.01 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Instrument :
MSVOA_X
ClientSampleId :
S10-0151

Tgt Ion: 64 Resp: 350

Ion	Ratio	Lower	Upper
64	100		
66	15.1	25.5	38.3#

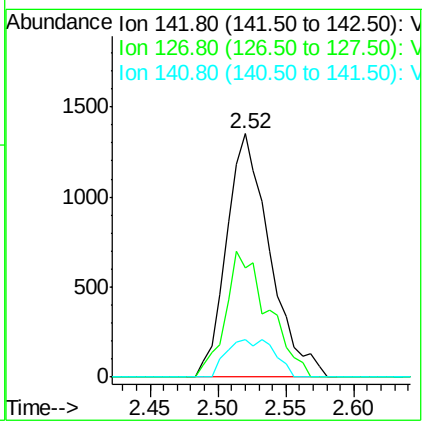


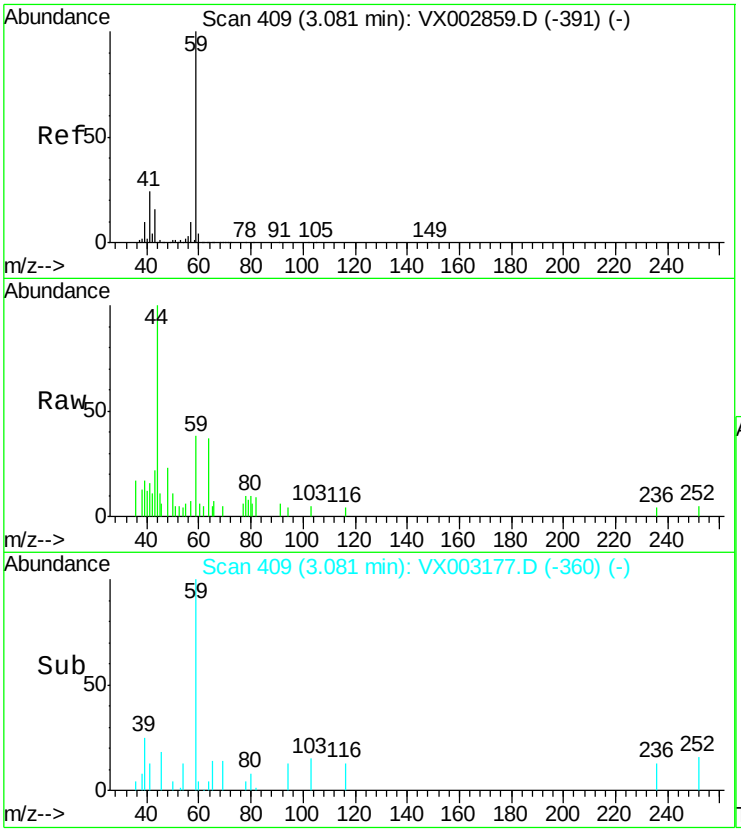


#10
Methyl Iodide
Concen: 7.11 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Tgt Ion:142 Resp: 2992

Ion	Ratio	Lower	Upper
142	100		
127	51.0	36.6	55.0
141	17.0	11.3	16.9#



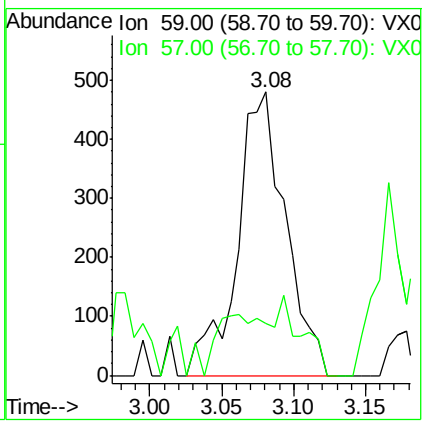


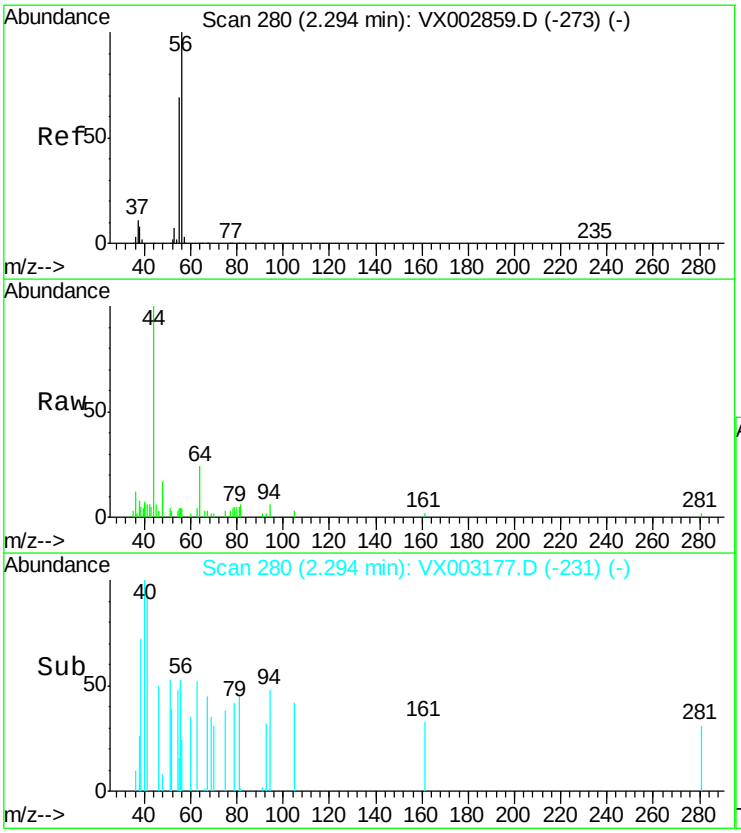
#11
Tert butyl alcohol
Concen: 1.54 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Instrument :
MSVOA_X
ClientSampleId :
S10-0151

Tgt Ion: 59 Resp: 1117

Ion	Ratio	Lower	Upper
59	100		
57	20.7	8.2	12.2#

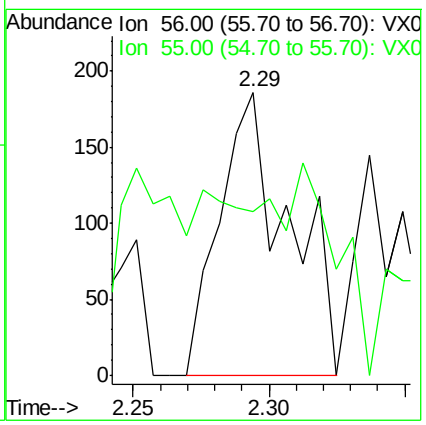


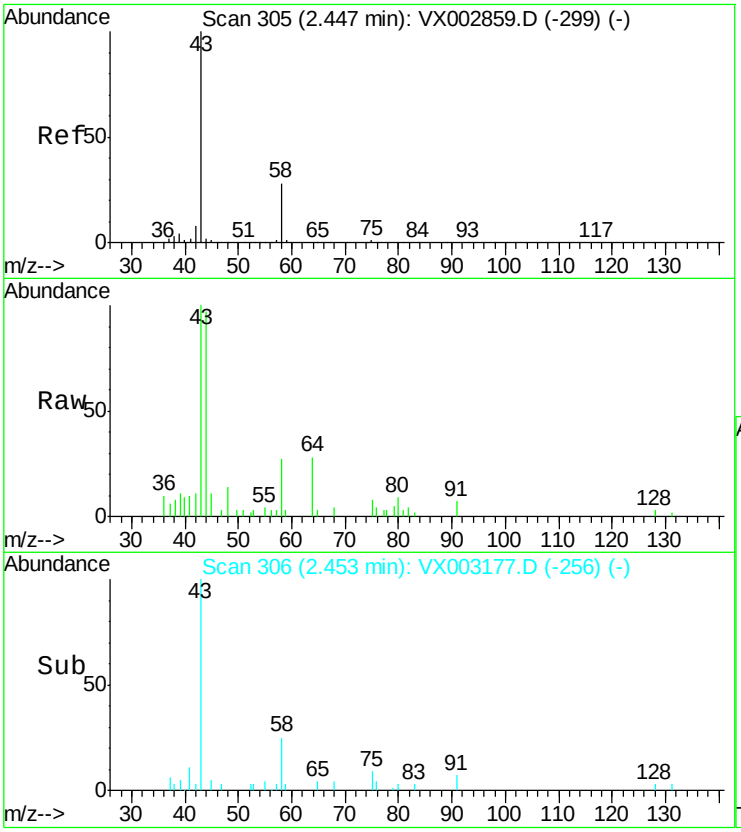


#13
Acrolein
Concen: 5.03 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Tgt Ion: 56 Resp: 329

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#



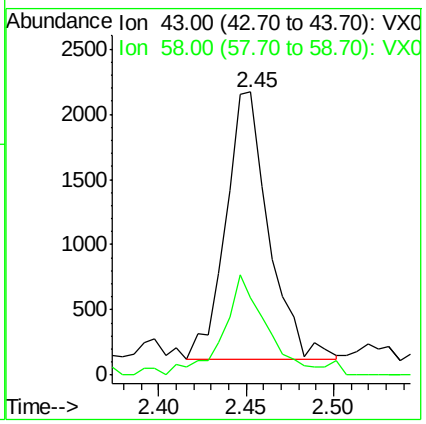


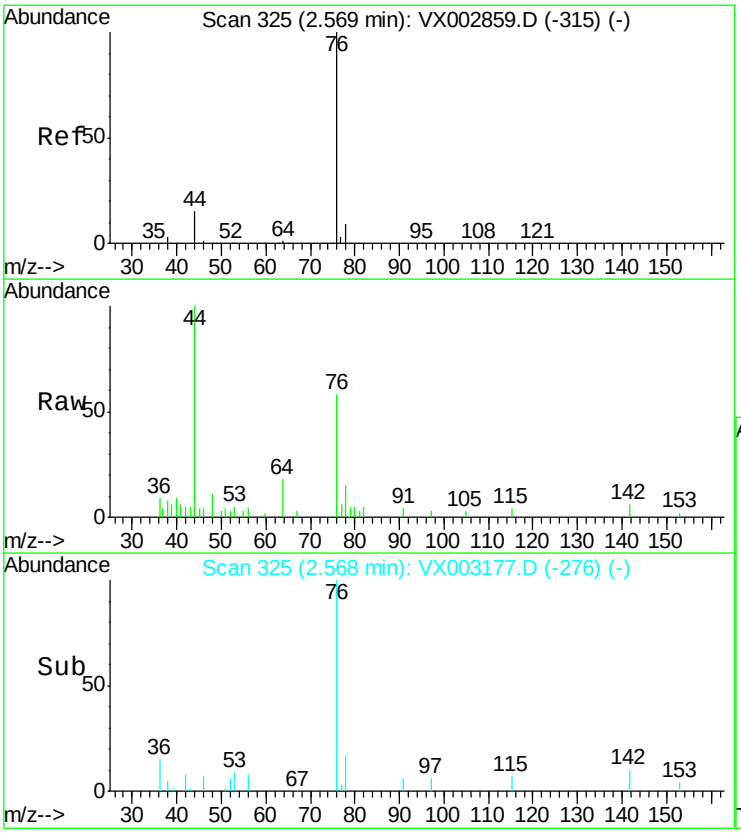
#16
Acetone
Concen: 2.33 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Instrument : MSVOA_X
ClientSampleId : S10-0151

Tgt Ion: 43 Resp: 3513

Ion	Ratio	Lower	Upper
43	100		
58	25.6	22.1	33.1

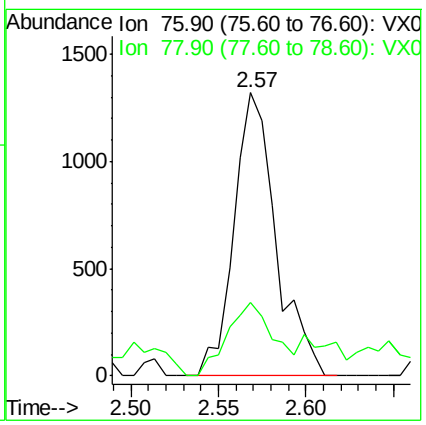


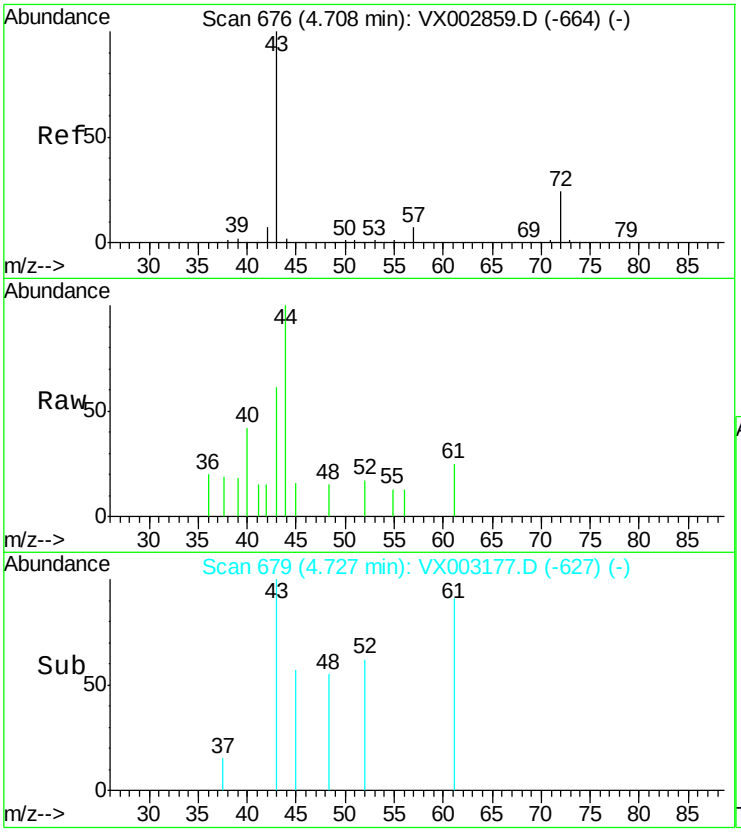


#17
Carbon Disulfide
Concen: 0.32 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Tgt Ion: 76 Resp: 2213

Ion	Ratio	Lower	Upper
76	100		
78	25.8	6.9	10.3#



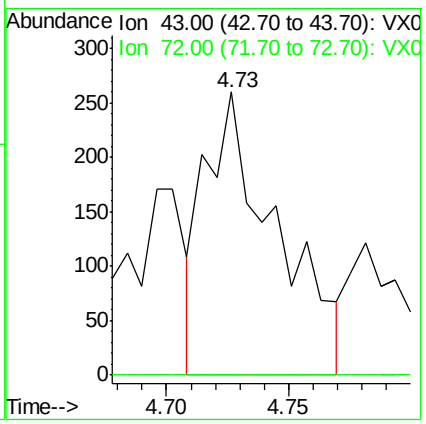


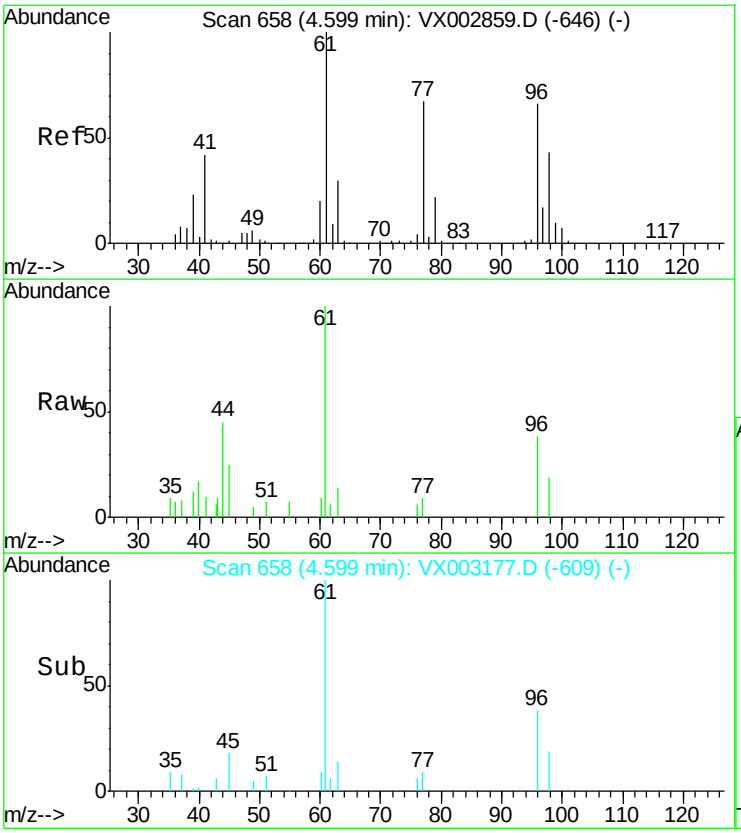
#25
2-Butanone
Concen: 0.23 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.02 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Instrument : MSVOA_X
ClientSampleId : S10-0151

Tgt Ion: 43 Resp: 526

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.5	27.7#

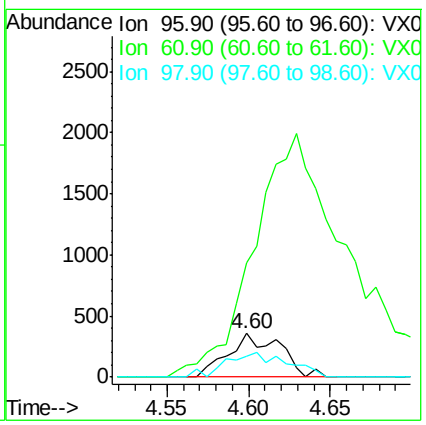


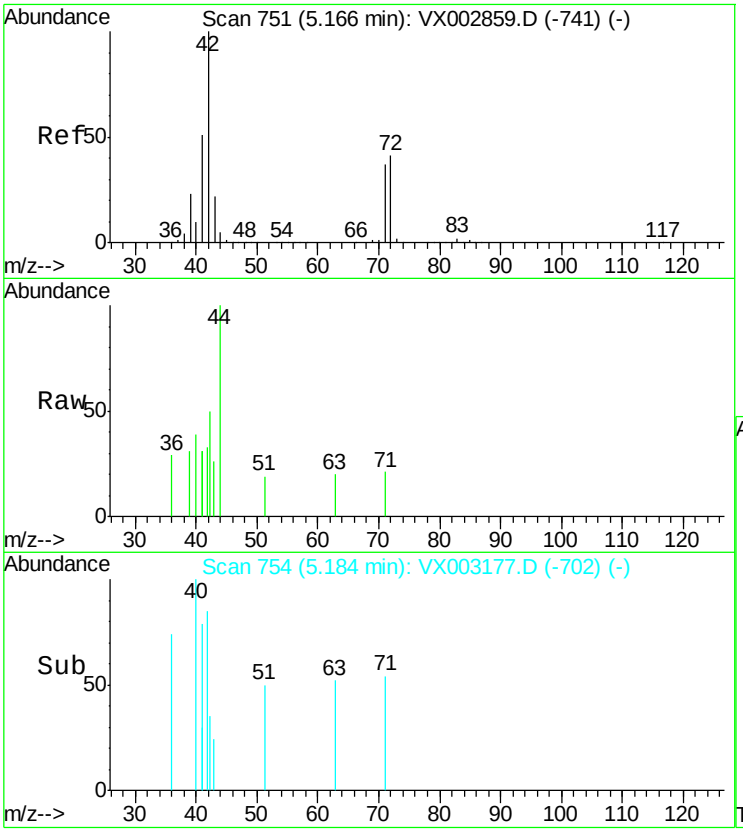


#27
cis-1,2-Dichloroethene
Concen: 0.25 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Tgt Ion: 96 Resp: 791

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	330.2
98	68.1	0.0	130.2



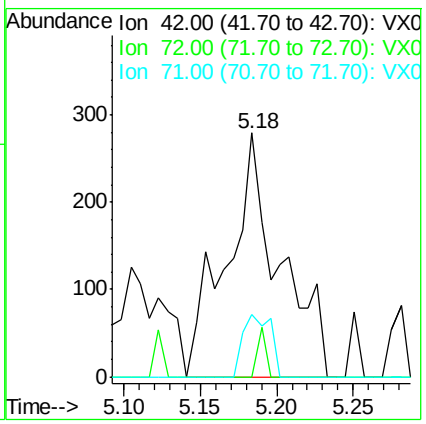


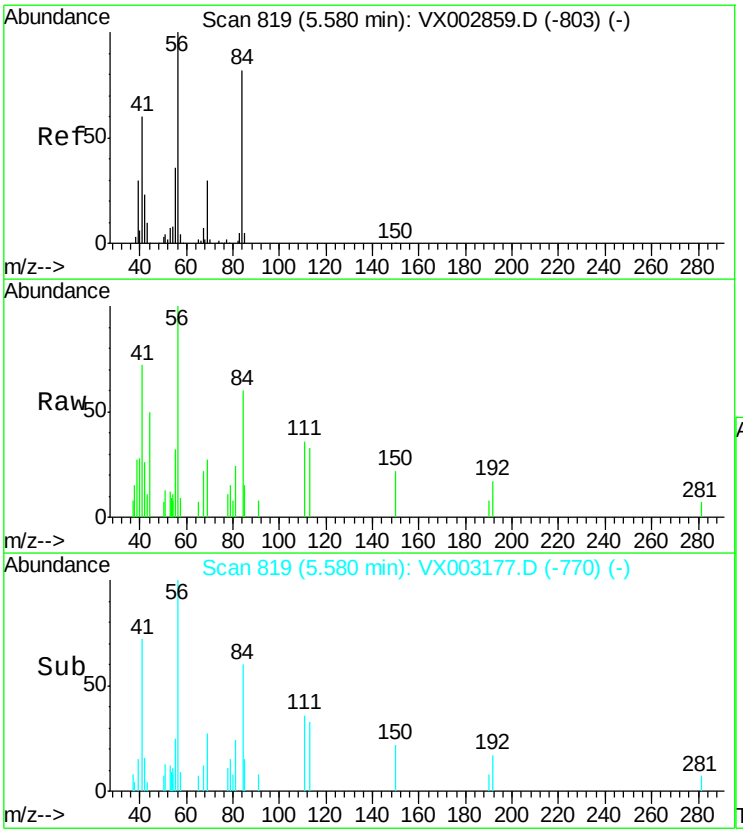
#29
Tetrahydrofuran
Concen: 0.47 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.02 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Instrument :
MSVOA_X
ClientSampleId :
S10-0151

Tgt Ion: 42 Resp: 669

Ion	Ratio	Lower	Upper
42	100		
72	3.0	32.0	48.0#
71	13.5	30.1	45.1#

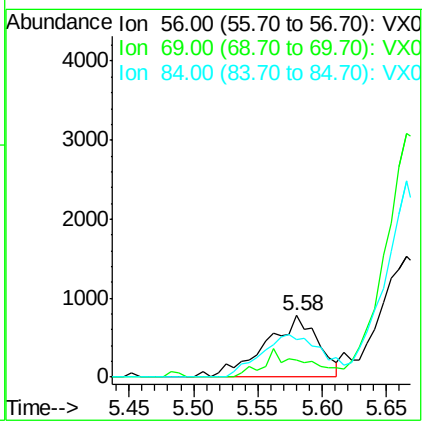


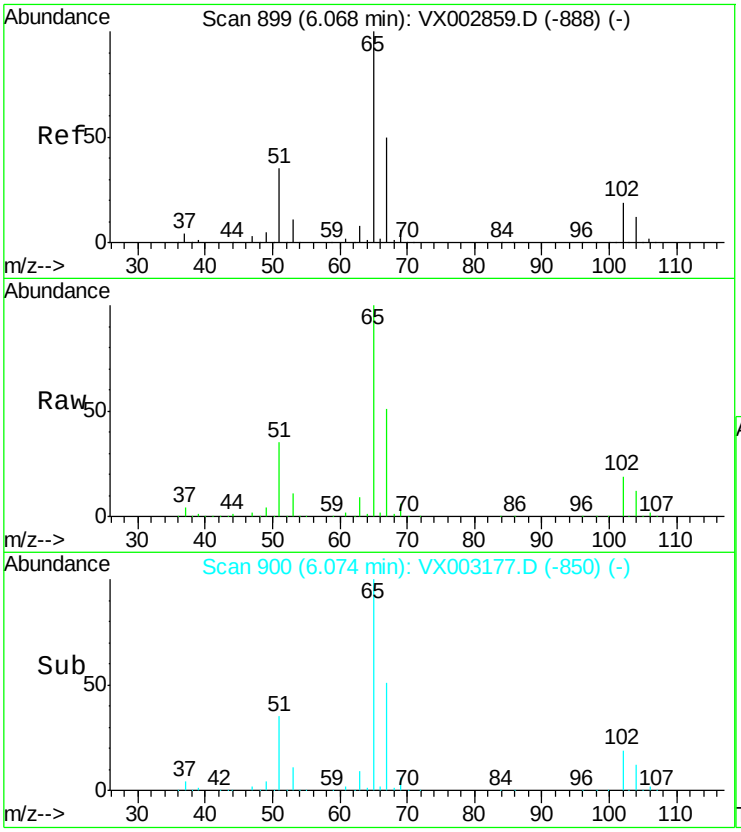


#31
Cyclohexane
Concen: 0.48 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Tgt Ion: 56 Resp: 2195

Ion	Ratio	Lower	Upper
56	100		
69	27.0	23.7	35.5
84	60.2	64.1	96.1#



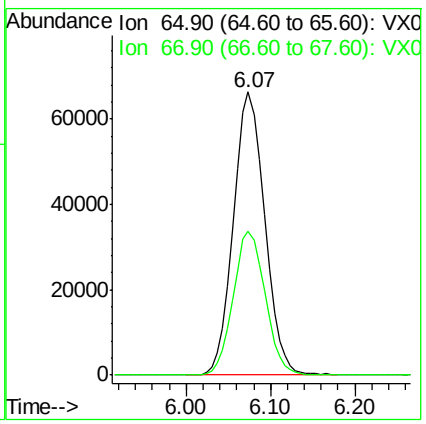


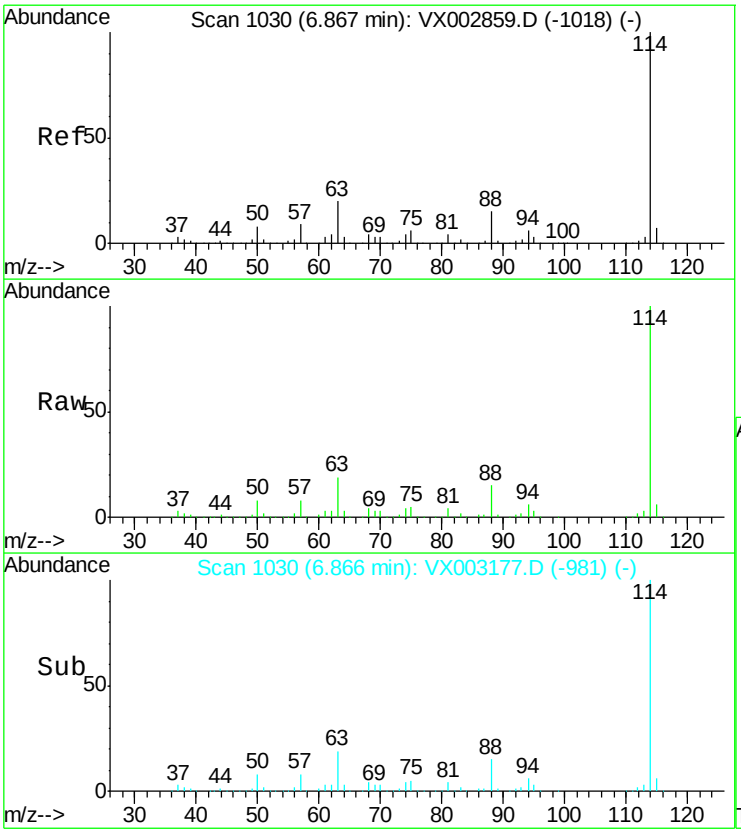
#33
1,2-Dichloroethane-d4
Concen: 45.86 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Instrument :
MSVOA_X
ClientSampleId :
S10-0151

Tgt Ion: 65 Resp: 167258

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	102.6

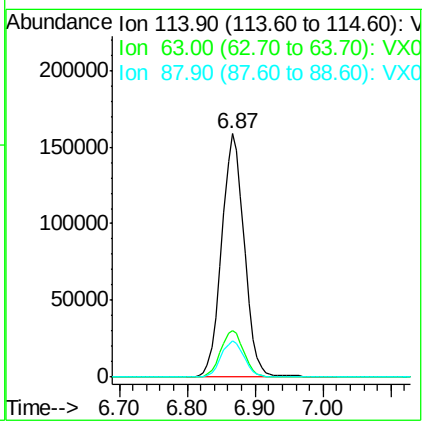


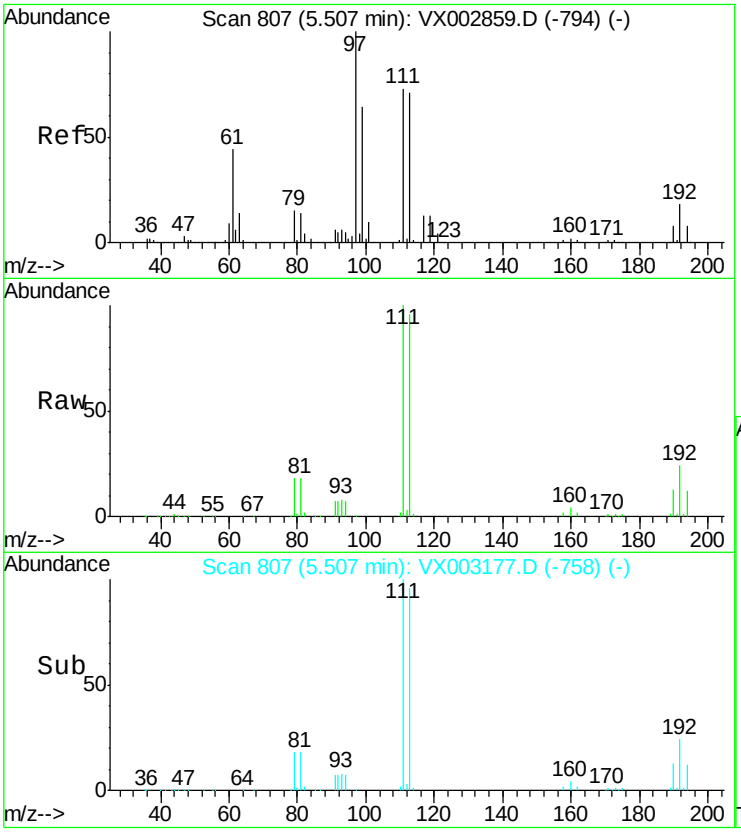


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Tgt Ion:114 Resp: 365755

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	41.4
88	14.9	0.0	30.0



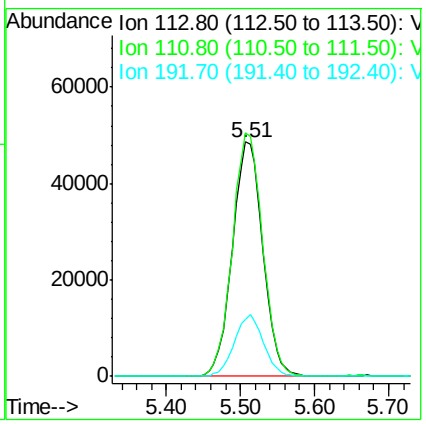


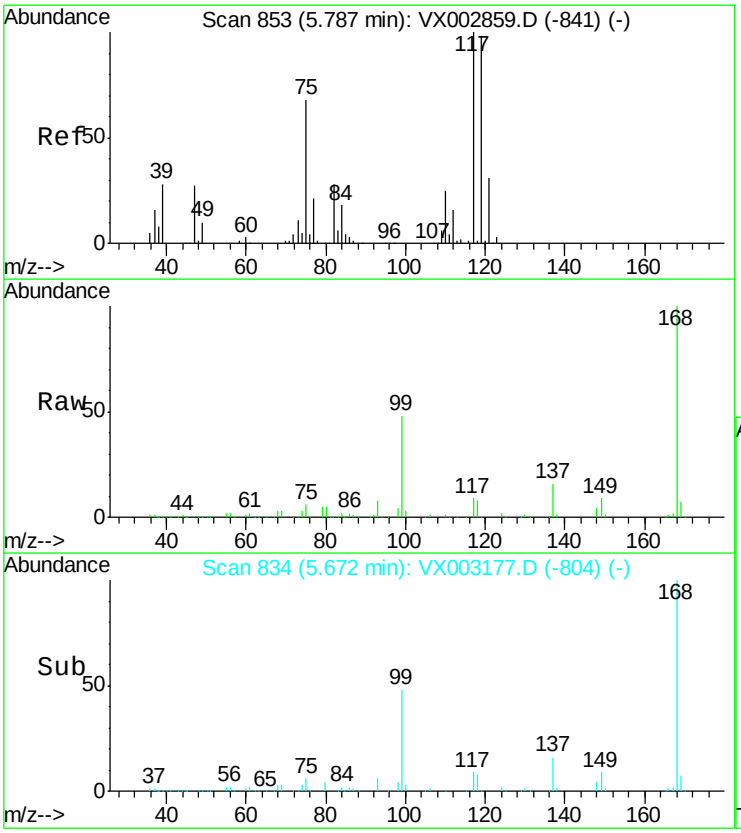
#35
Dibromofluoromethane
Concen: 48.21 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Instrument :
MSVOA_X
ClientSampleId :
S10-0151

Tgt Ion:113 Resp: 139644

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.4	122.0
192	25.3	19.1	28.7

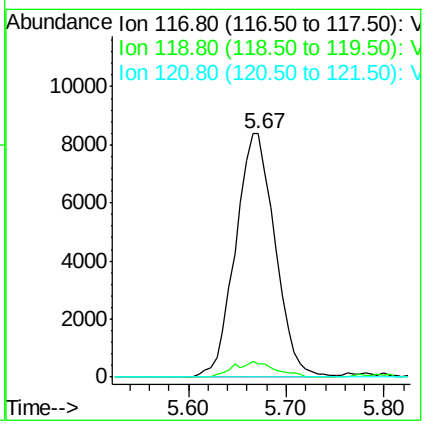


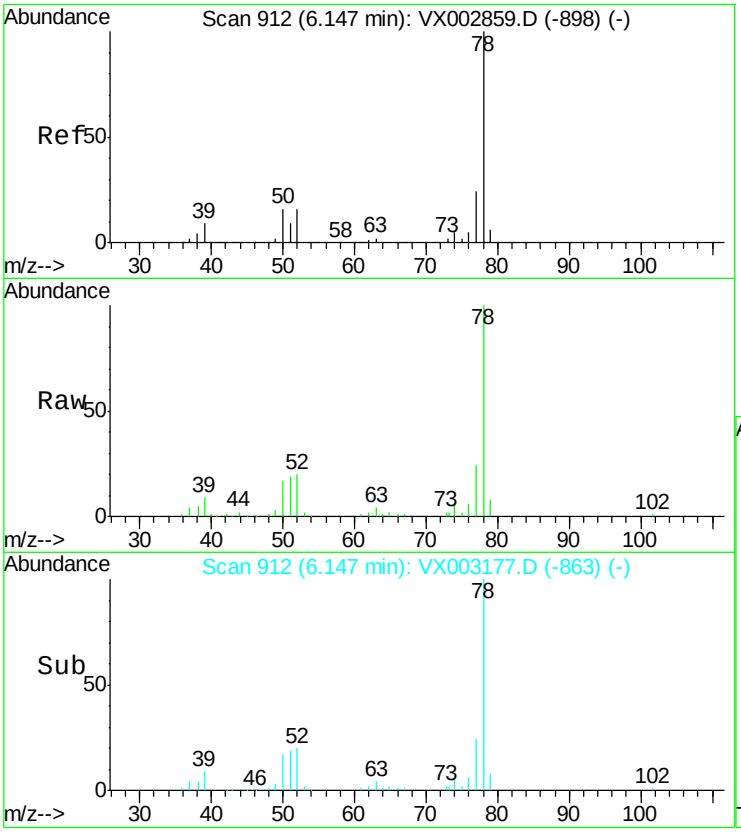


#38
Carbon Tetrachloride
Concen: 5.34 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Tgt Ion:117 Resp: 23523

Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.4	116.0#
121	0.0	24.4	36.6#



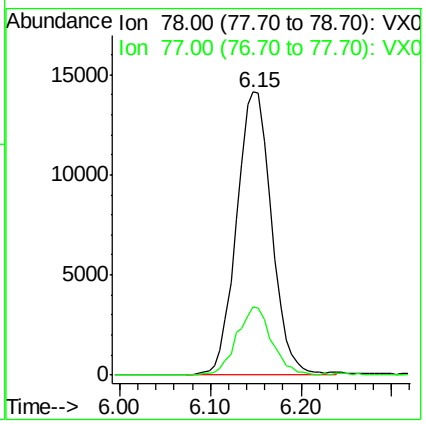


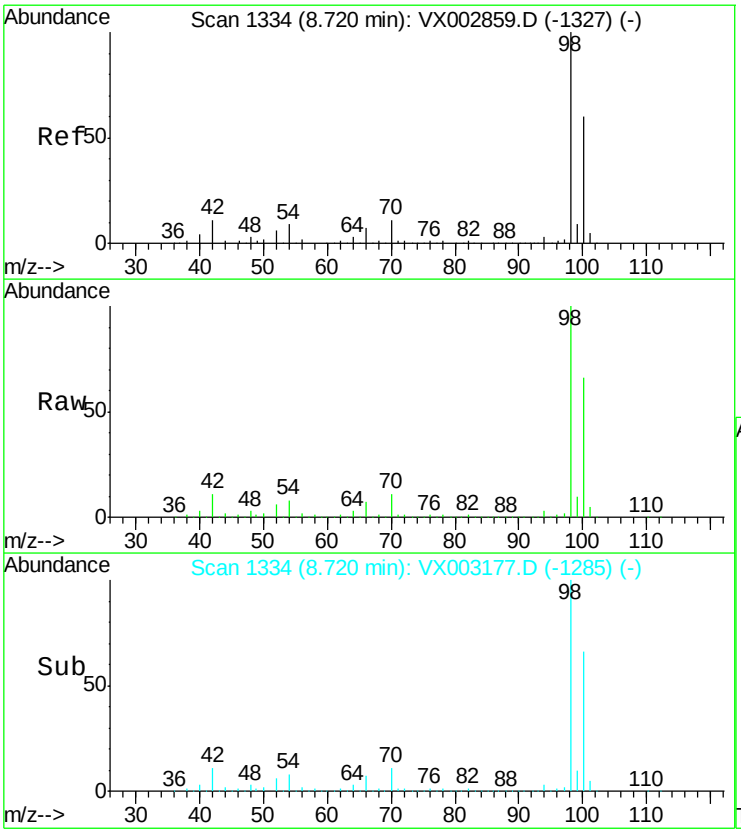
#40
Benzene
Concen: 3.26 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Instrument :
MSVOA_X
ClientSampleId :
S10-0151

Tgt Ion: 78 Resp: 37959

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7

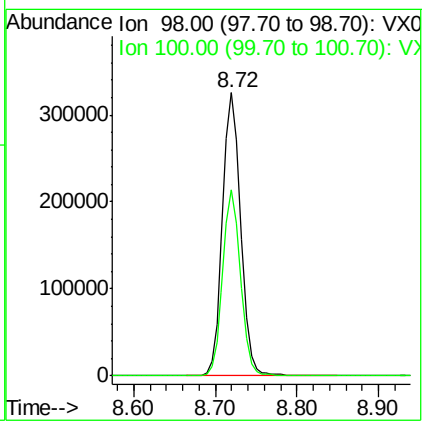


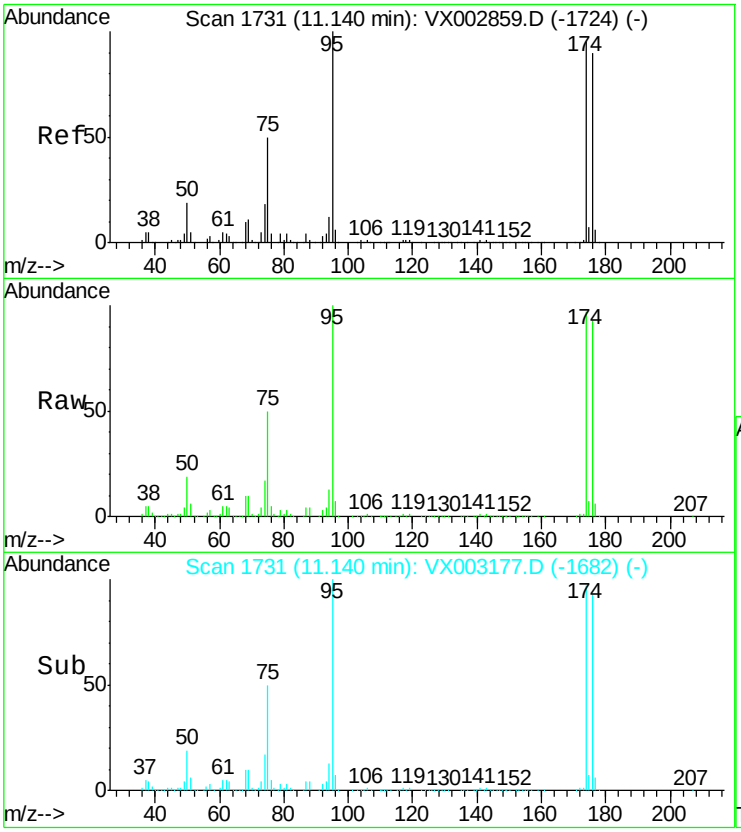


#50
Toluene-d8
Concen: 47.68 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Tgt Ion: 98 Resp: 504357

Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.9	76.3



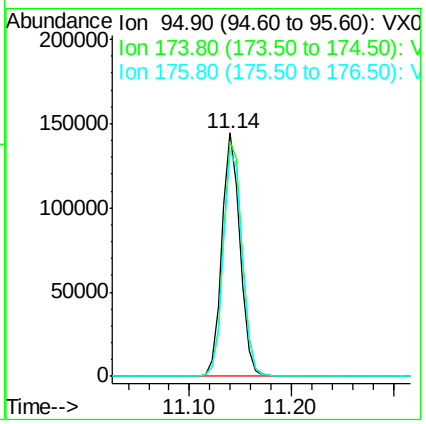


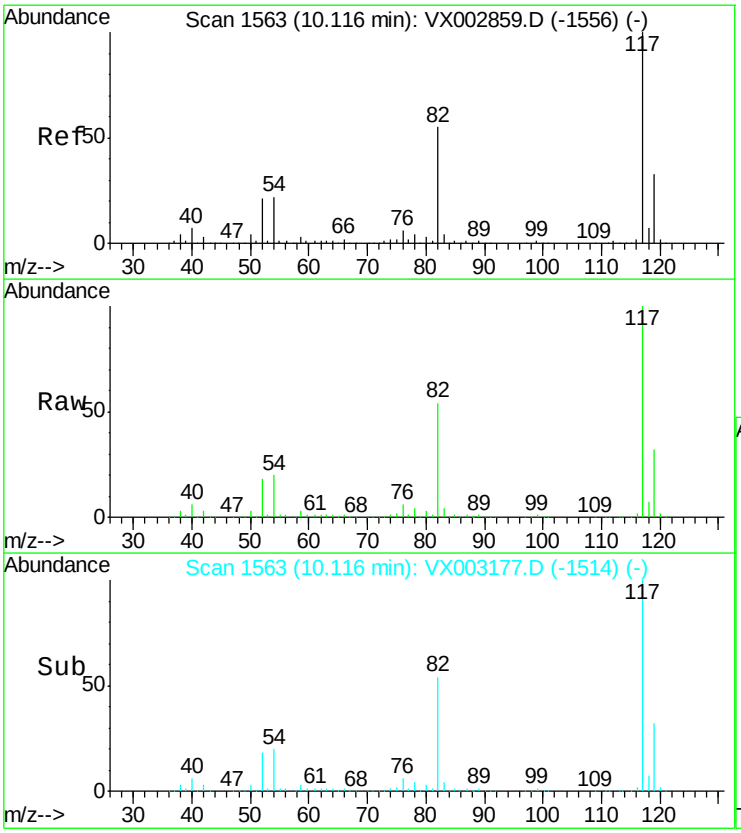
#62
4-Bromofluorobenzene
Concen: 43.77 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Instrument :
MSVOA_X
ClientSampleId :
S10-0151

Tgt Ion: 95 Resp: 178537

Ion	Ratio	Lower	Upper
95	100		
174	100.1	0.0	187.4
176	95.9	0.0	181.0

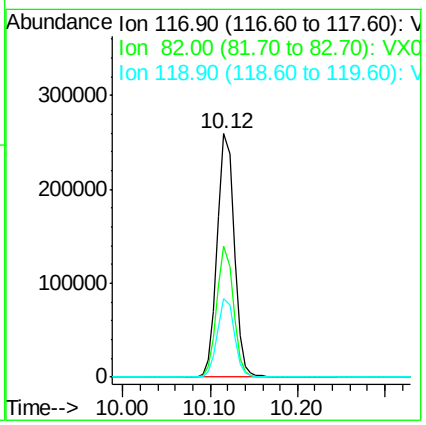


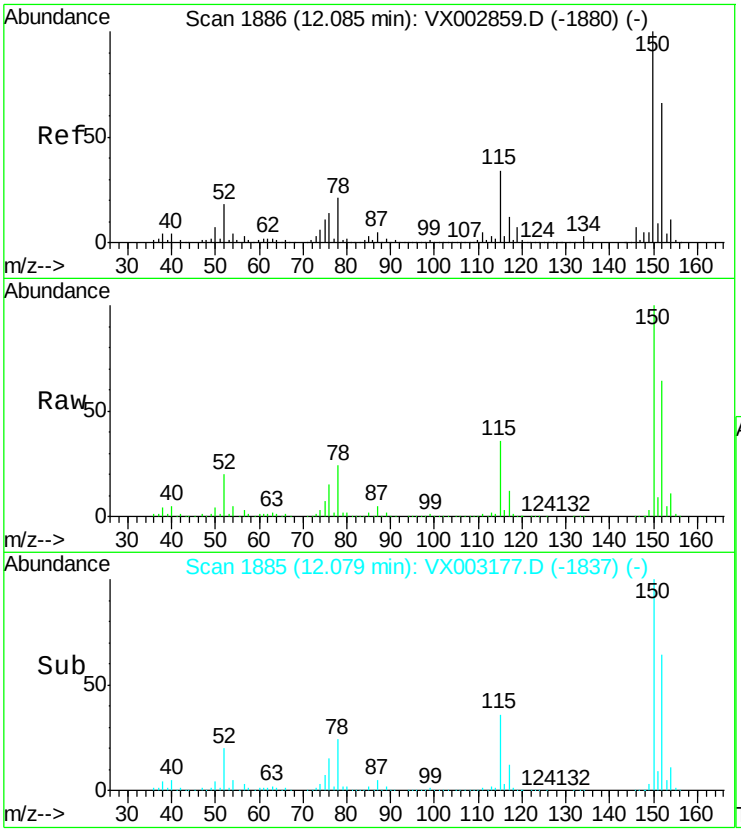


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Tgt Ion:117 Resp: 348785

Ion	Ratio	Lower	Upper
117	100		
82	53.9	45.0	67.4
119	32.3	25.8	38.6



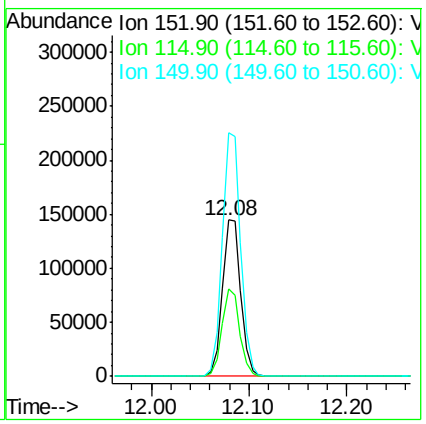


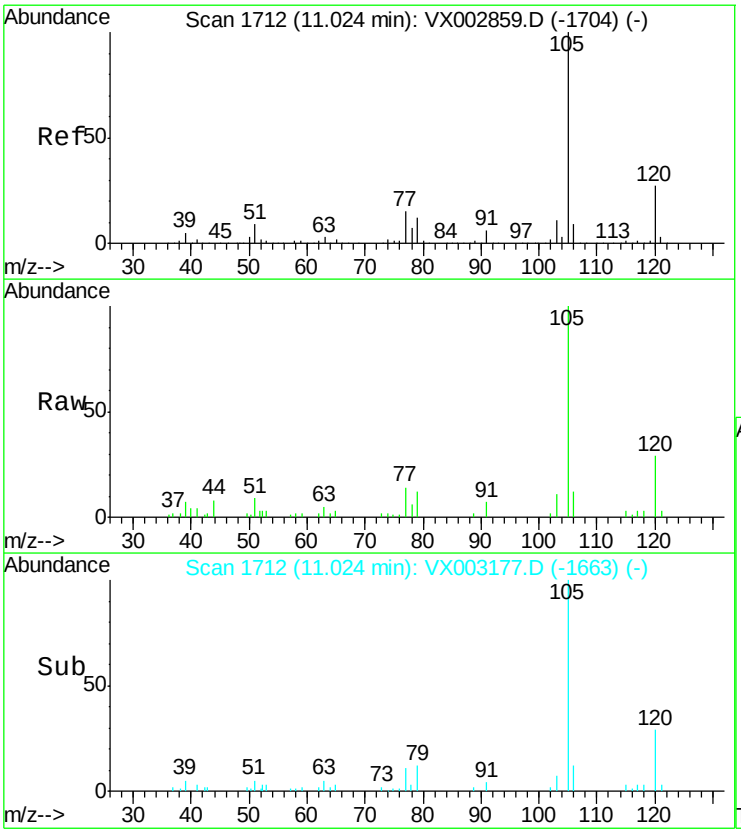
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Instrument : MSVOA_X
ClientSampleId : S10-0151

Tgt Ion:152 Resp: 187293

Ion	Ratio	Lower	Upper
152	100		
115	54.3	40.1	120.2
150	156.4	0.0	347.2

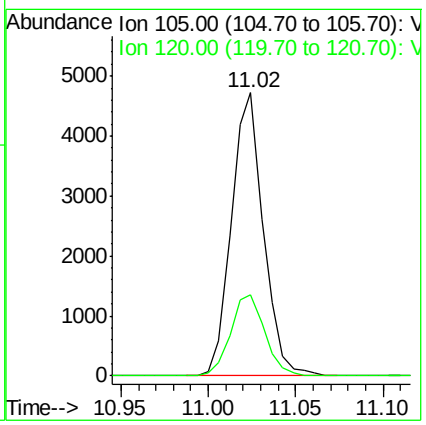


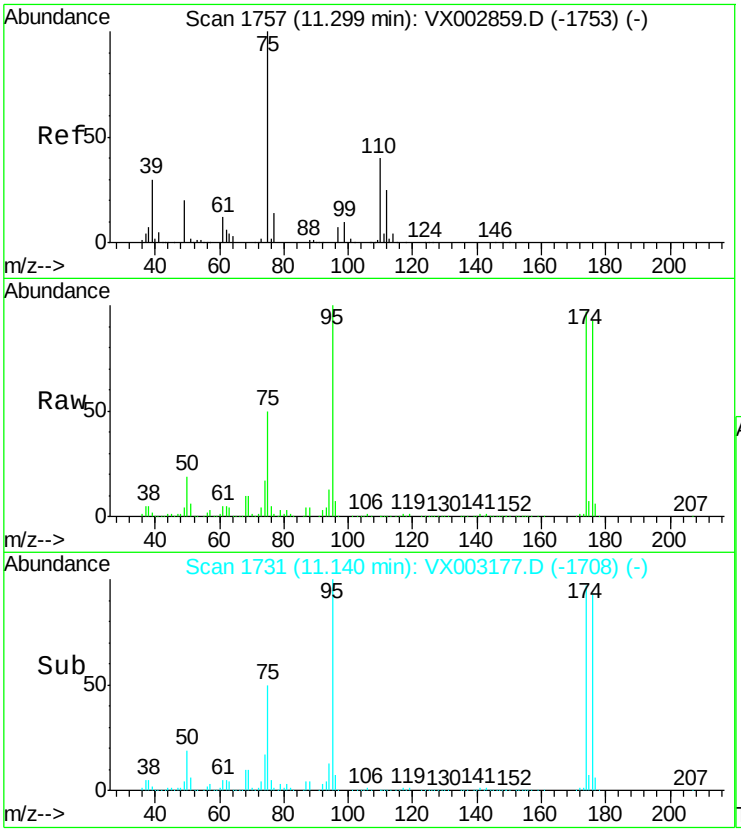


#73
Isopropylbenzene
Concen: 0.47 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Tgt Ion:105 Resp: 5972

Ion	Ratio	Lower	Upper
105	100		
120	30.8	13.5	40.4



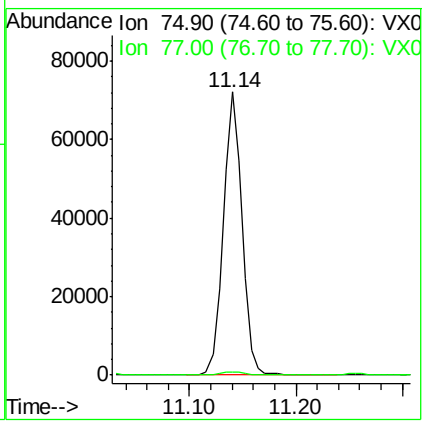


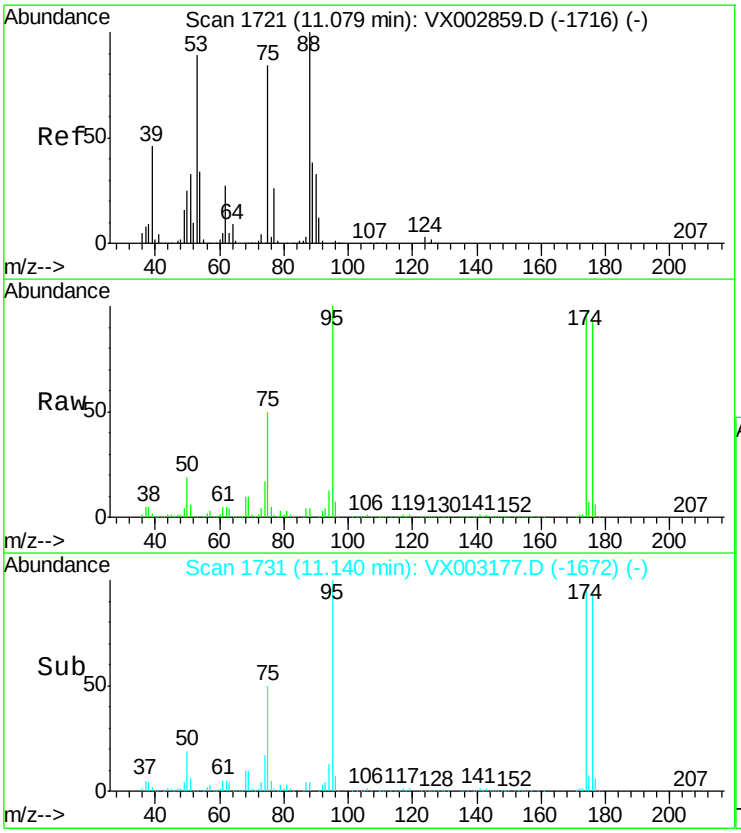
#76
1,2,3-Trichloropropane
Concen: 26.08 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Instrument :
MSVOA_X
ClientSampleId :
S10-0151

Tgt Ion: 75 Resp: 88493

Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.8	68.3#

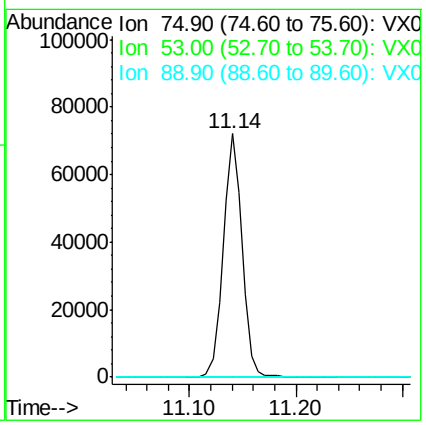


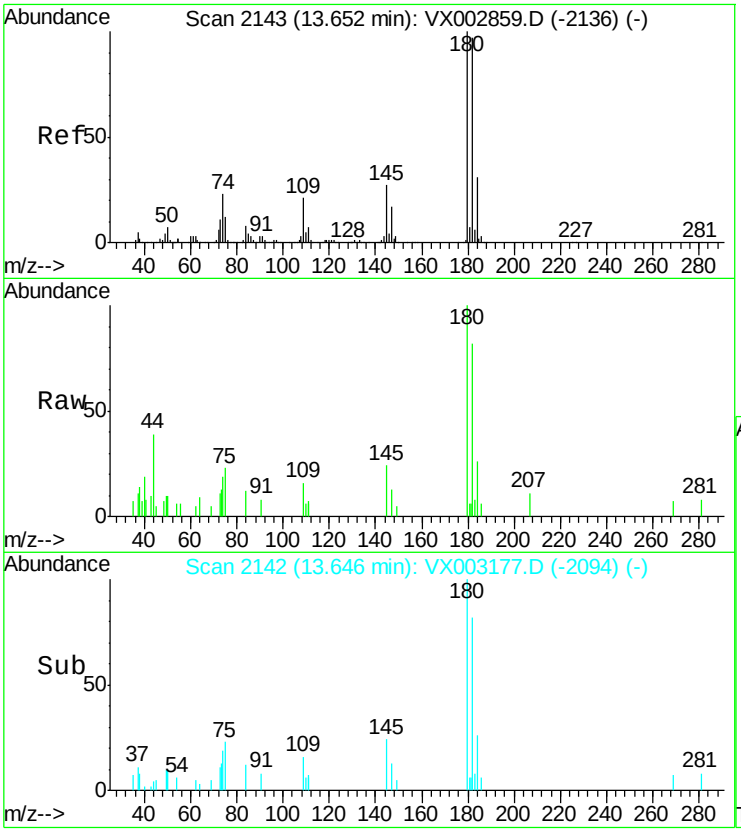


#81
trans-1,4-Dichloro-2-butene
Concen: 73.95 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Tgt Ion: 75 Resp: 88493

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



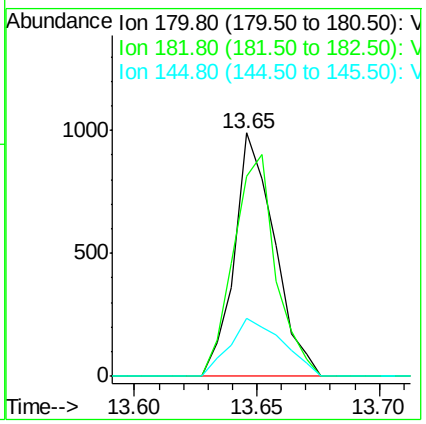


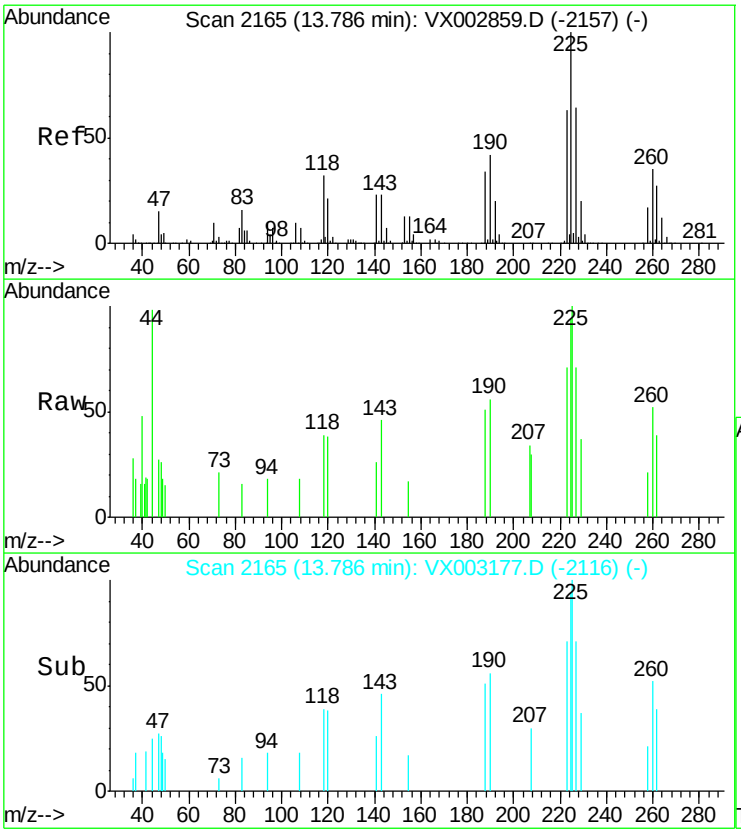
#93
1,2,4-Trichlorobenzene
Concen: 0.23 ug/l
RT: 13.65 min Scan# 2142
Delta R.T. -0.01 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Instrument :
MSVOA_X
ClientSampleId :
S10-0151

Tgt Ion:180 Resp: 1129

Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.7	143.1
145	31.1	14.1	42.4





#94
Hexachlorobutadiene
Concen: 0.26 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Tgt Ion:225 Resp: 636

Ion	Ratio	Lower	Upper
225	100		
223	48.6	31.6	95.0
227	58.8	32.4	97.2