Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070518\
Data File : VX003197.D
Acq On : 06 Jul 2018 03:14
Operator : JC/MD
Sample : J3844-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : WP022MW102-180702

Quant Time: Jul 06 04:22:03 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	284025	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	390091	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	364555	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213914	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	180748	46.04	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.08%				
35) Dibromofluoromethane	5.51	113	150689	48.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.56%				
50) Toluene-d8	8.72	98	545146	48.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.64%				
62) 4-Bromofluorobenzene	11.14	95	194053	44.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	155	Below Cal		#	43
3) Chloromethane	1.32	50	612	Below Cal		#	73
4) Vinyl Chloride	1.40	62	27493	8.56	ug/l		93
5) Bromomethane	1.65	94	1556	Below Cal			94
6) Chloroethane	1.73	64	608	Below Cal		#	28
10) Methyl Iodide	2.52	142	2122	6.81	ug/l		96
11) Tert butyl alcohol	3.07	59	15717	20.10	ug/l	#	93
13) Acrolein	2.30	56	191	4.66	ug/l	#	14
16) Acetone	2.45	43	2535	1.56	ug/l		96
17) Carbon Disulfide	2.57	76	2712	0.36	ug/l	#	88
24) 1,1-Dichloroethane	3.70	63	9915	1.73	ug/l		98
25) 2-Butanone	4.72	43	560	0.23	ug/l	#	68
26) 2,2-Dichloropropane	4.79	77	15405	3.30	ug/l	#	53
27) cis-1,2-Dichloroethene	4.61	96	1473	0.43	ug/l	#	1
29) Tetrahydrofuran	5.18	42	929	0.60	ug/l	#	62
36) 1,1-Dichloropropene	5.67	75	17697	4.14	ug/l	#	51
37) Ethyl Acetate	4.79	43	10608	2.30	ug/l	#	1
38) Carbon Tetrachloride	5.67	117	25001	5.33	ug/l	#	16
40) Benzene	6.14	78	10387	0.84	ug/l		95
49) 1,4-Dioxane	7.77	88	677	8.74	ug/l	#	86
59) 2-Hexanone	9.31	43	10570	2.88	ug/l		78
65) Chlorobenzene	10.14	112	880124	95.05	ug/l		98
76) 1,2,3-Trichloropropane	11.14	75	96557	24.92	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	96557	70.80	ug/l	#	7
87) 1,3-Dichlorobenzene	12.03	146	5645	0.75	ug/l		97
88) 1,4-Dichlorobenzene	12.10	146	13323	1.73	ug/l		87
91) 1,2-Dichlorobenzene	12.40	146	14798	1.96	ug/l		99

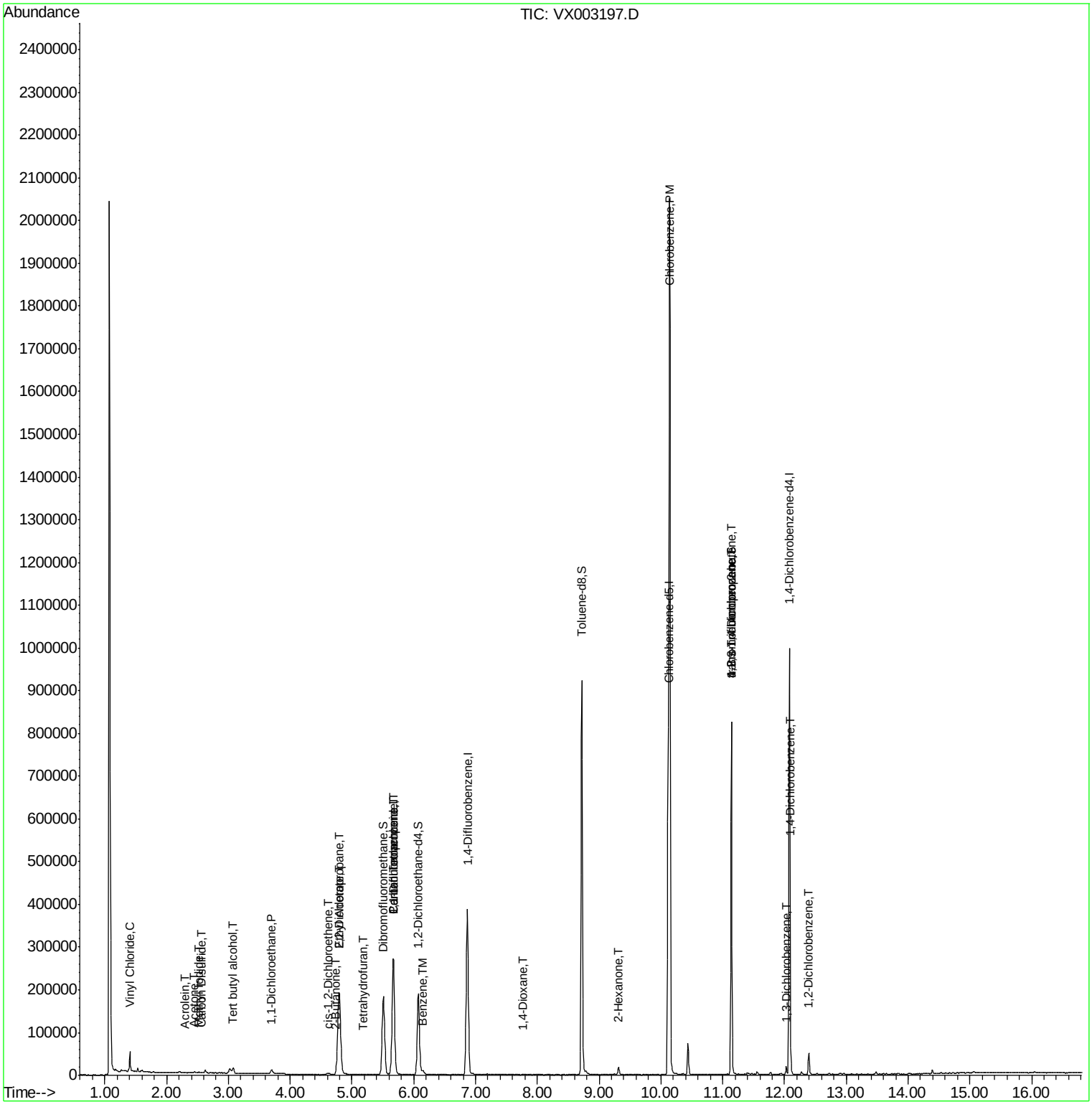
(#) = qualifier out of range (m) = manual integration (+) = signals summed

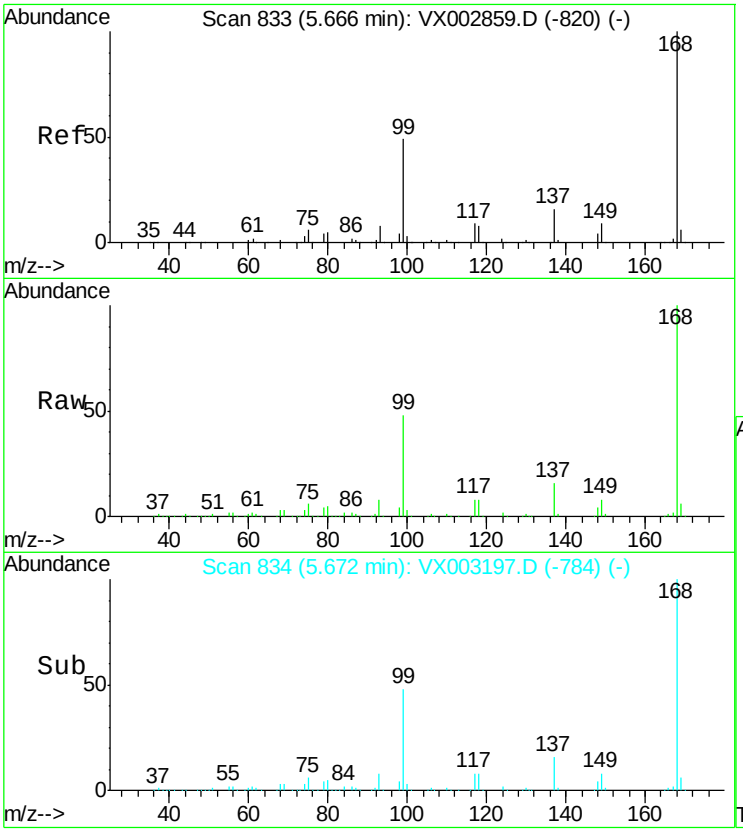
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
Data File : VX003197.D
Acq On : 06 Jul 2018 03:14
Operator : JC/MD
Sample : J3844-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180702

Quant Time: Jul 06 04:22:03 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



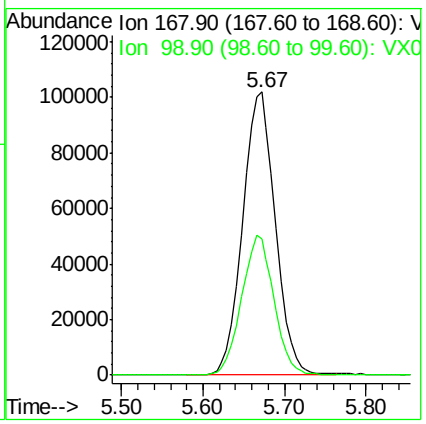


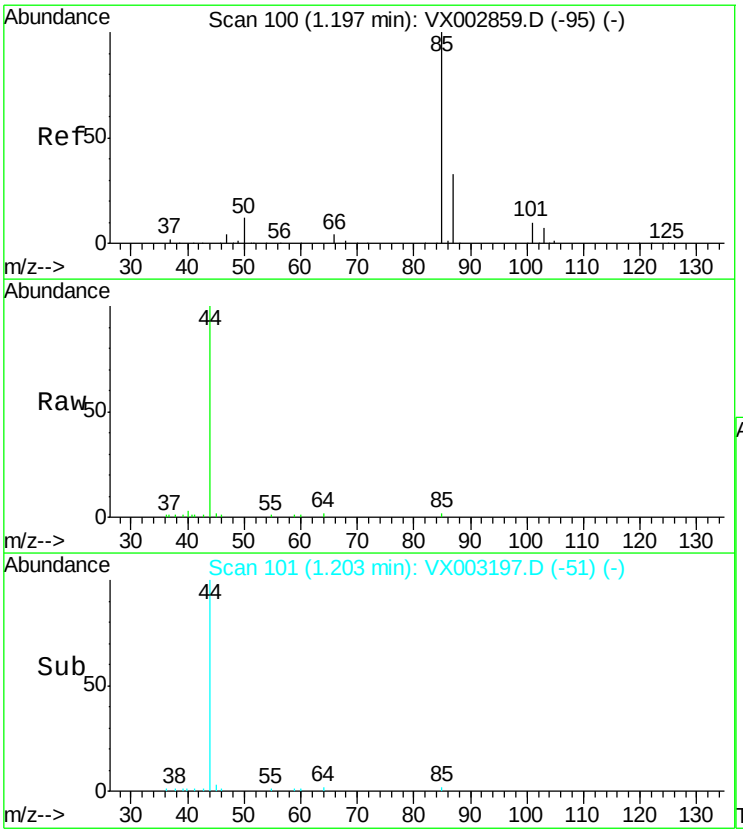
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180702

Tgt Ion:168 Resp: 284025

Ion	Ratio	Lower	Upper
168	100		
99	48.2	39.3	58.9

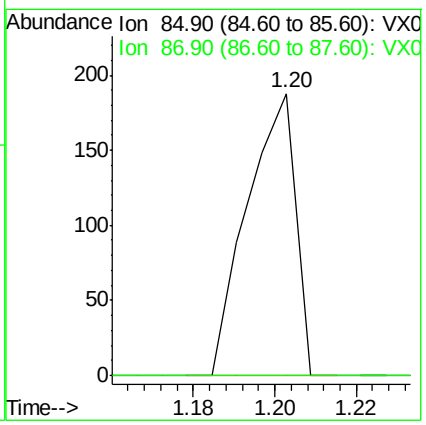


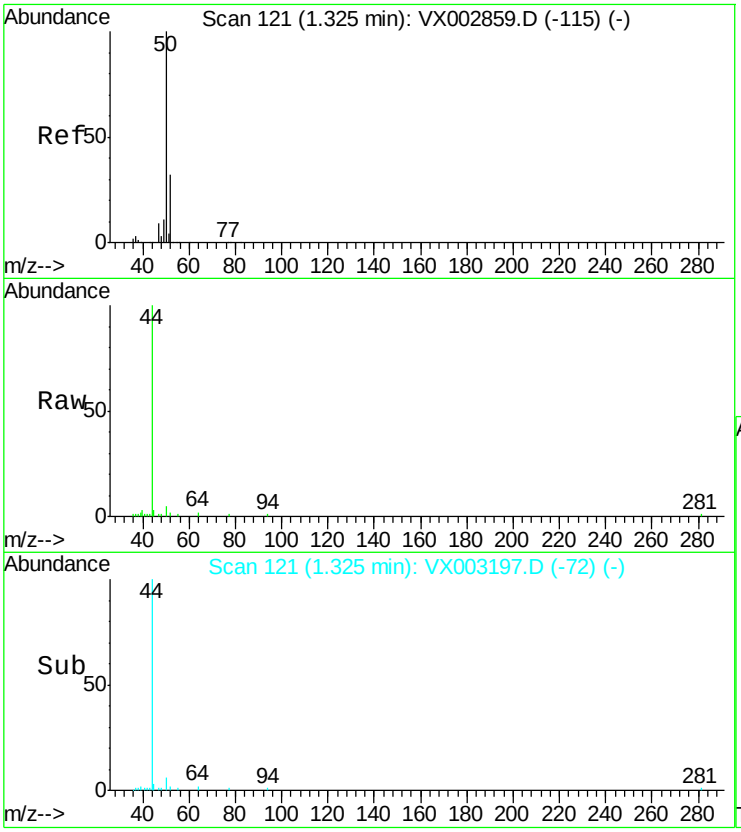


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 101
Delta R.T. 0.01 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Tgt Ion: 85 Resp: 155

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#



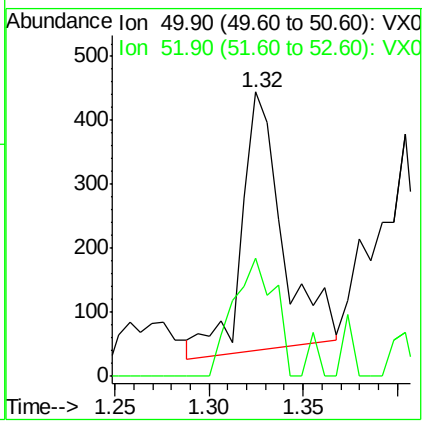


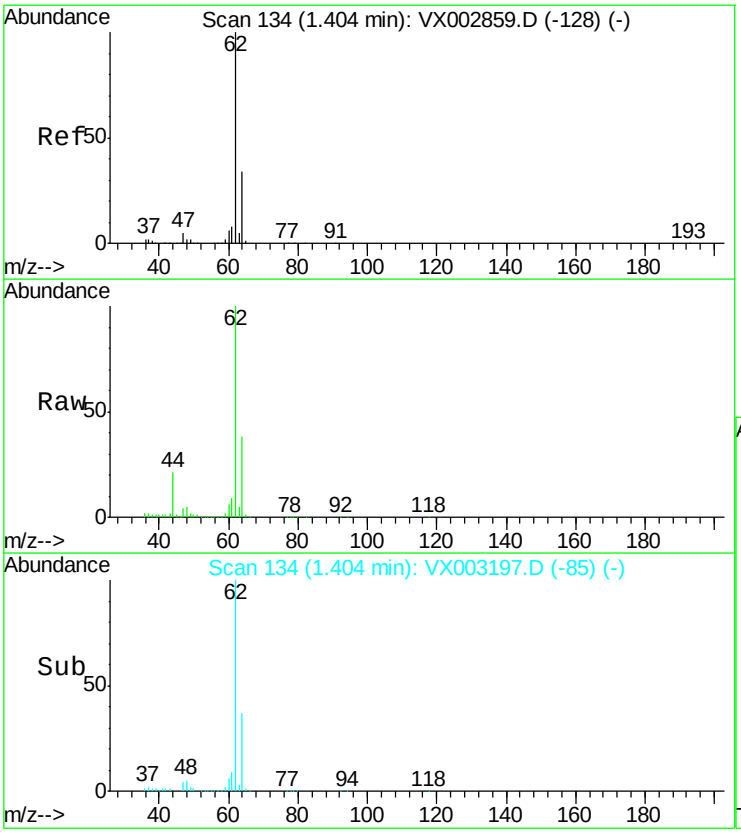
#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180702

Tgt Ion: 50 Resp: 612

Ion	Ratio	Lower	Upper
50	100		
52	47.3	25.7	38.5#

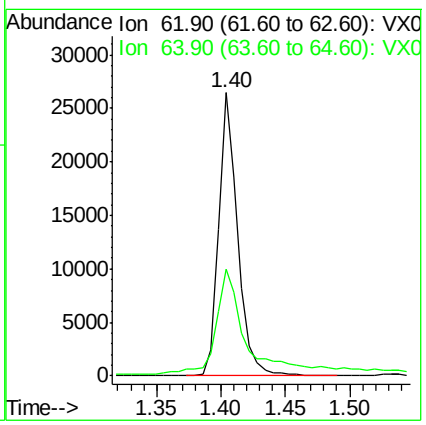


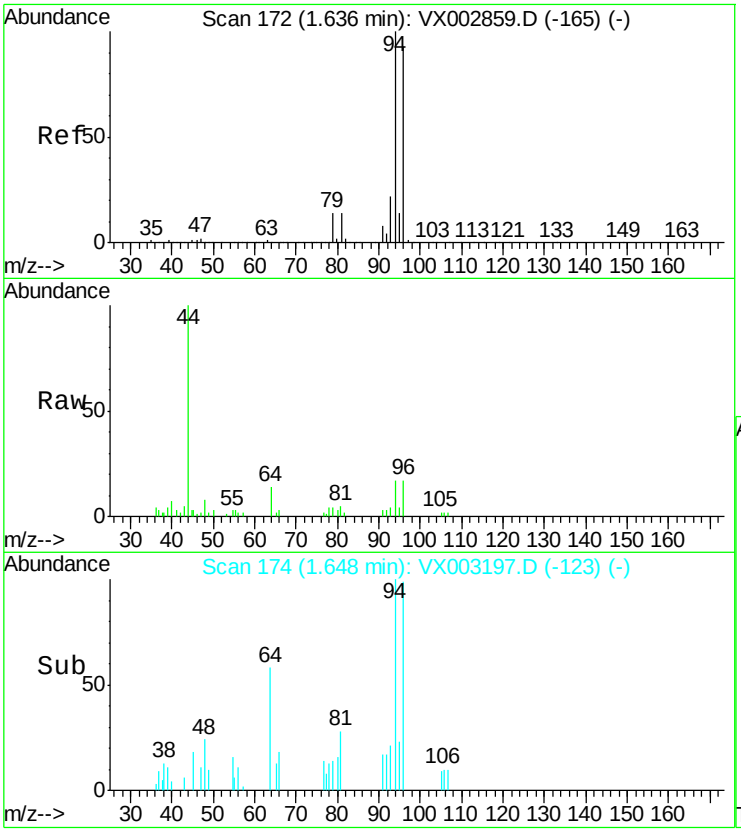


#4
Vinyl Chloride
Concen: 8.56 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Tgt Ion: 62 Resp: 27493

Ion	Ratio	Lower	Upper
62	100		
64	35.6	25.4	38.2



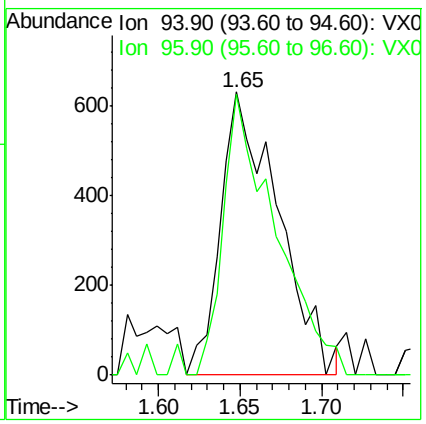


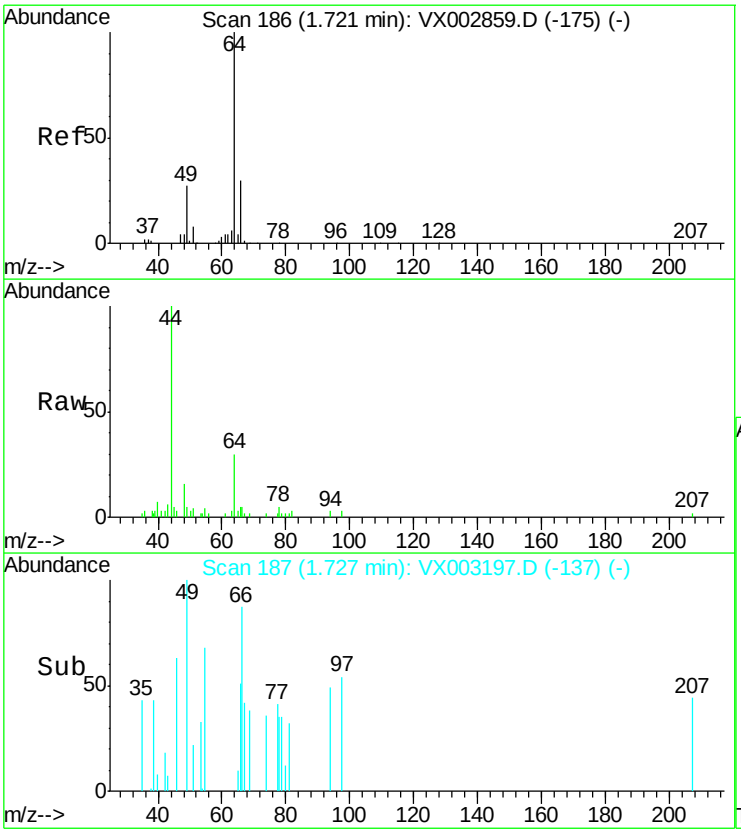
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180702

Tgt Ion: 94 Resp: 1556

Ion	Ratio	Lower	Upper
94	100		
96	99.2	74.9	112.3

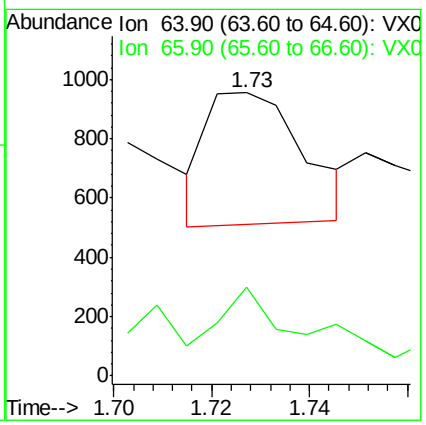


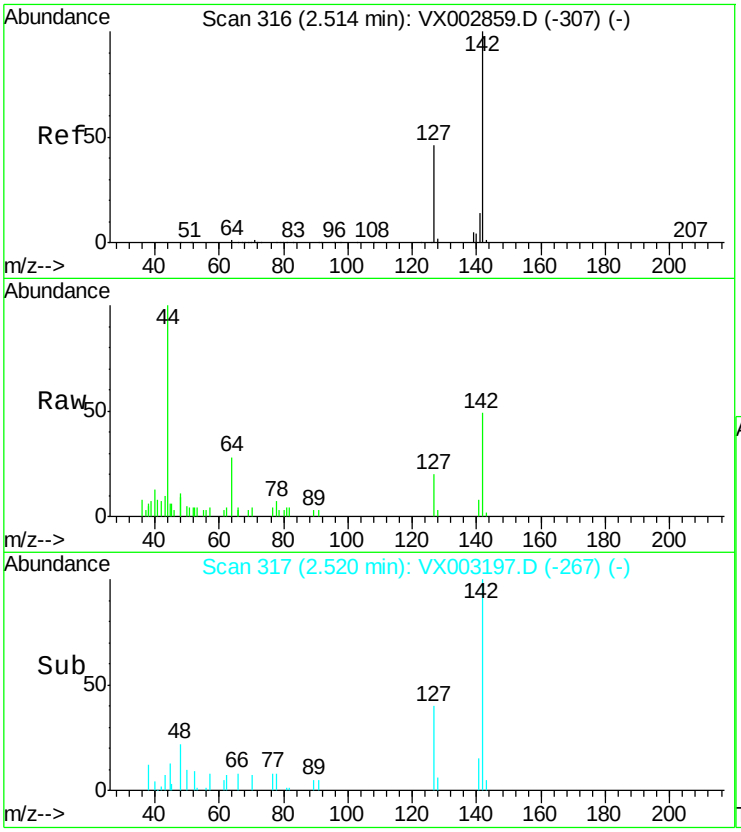


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 187
Delta R.T. 0.01 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Tgt Ion: 64 Resp: 608

Ion	Ratio	Lower	Upper
64	100		
66	71.8	25.5	38.3#



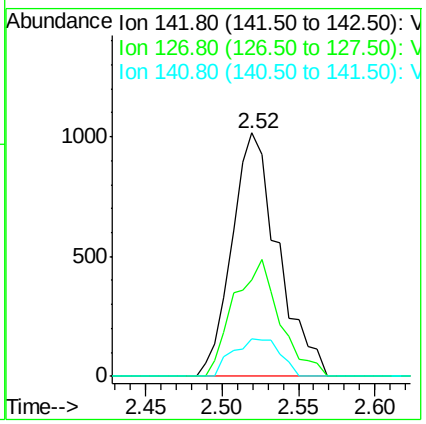


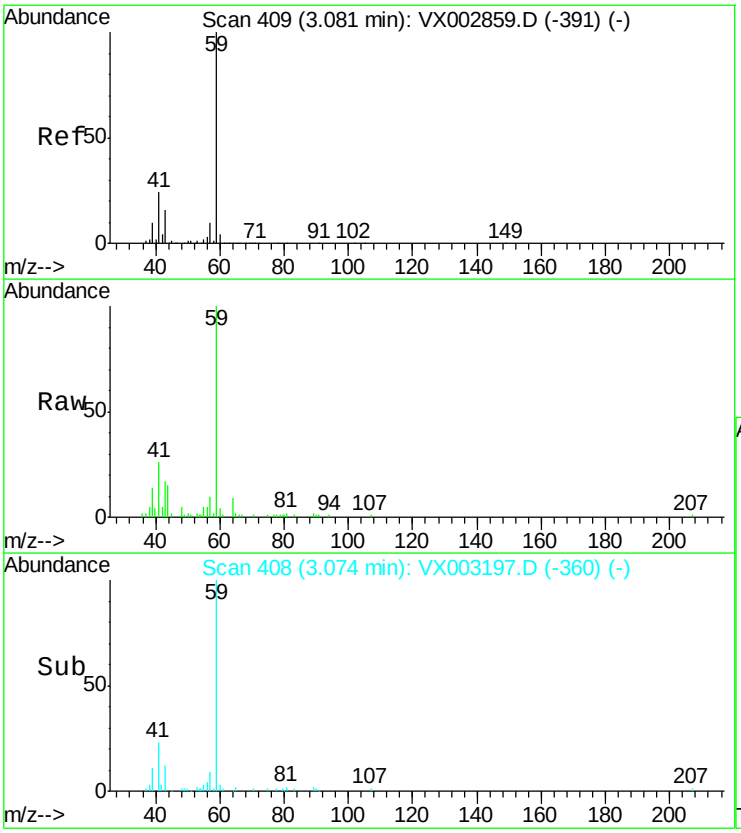
#10
Methyl Iodide
Concen: 6.81 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Instrument : MSVOA_X
ClientSampleId : WP022MW102-180702

Tgt Ion:142 Resp: 2122

Ion	Ratio	Lower	Upper
142	100		
127	48.0	36.6	55.0
141	15.8	11.3	16.9

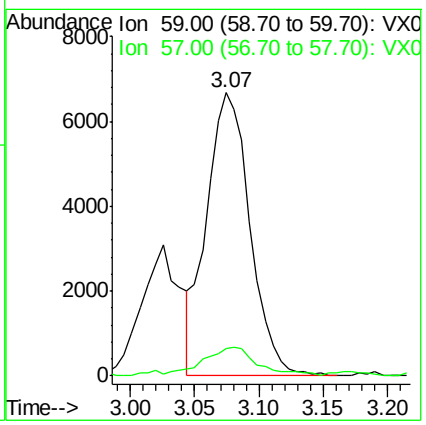


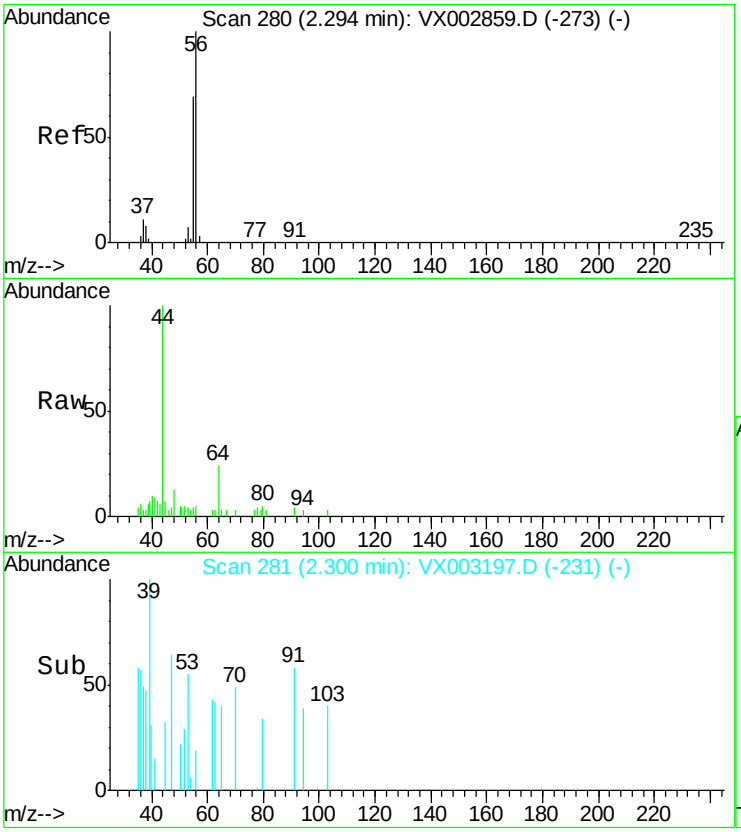


#11
Tert butyl alcohol
Concen: 20.10 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Tgt Ion: 59 Resp: 15717

Ion	Ratio	Lower	Upper
59	100		
57	12.7	8.2	12.2#



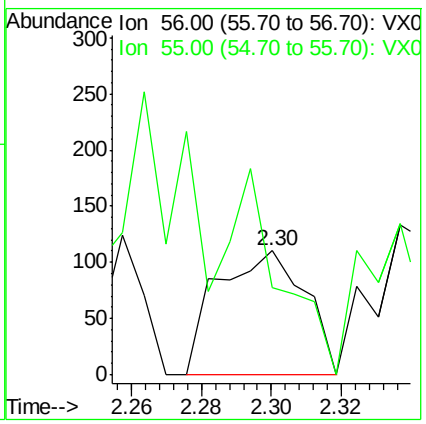


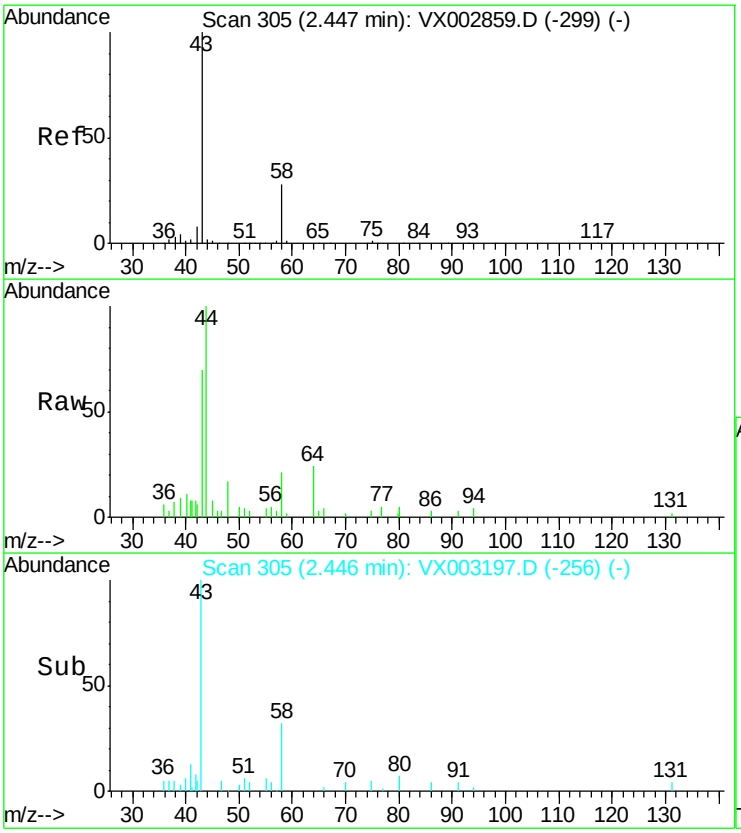
#13
Acrolein
Concen: 4.66 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180702

Tgt Ion: 56 Resp: 191

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#

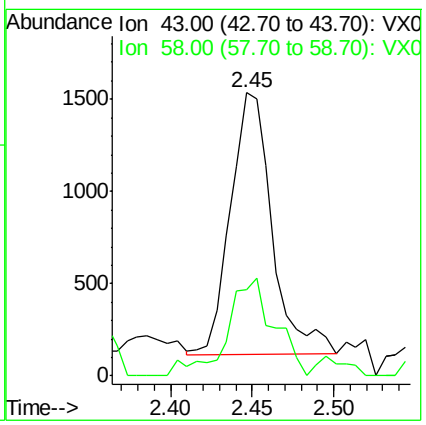


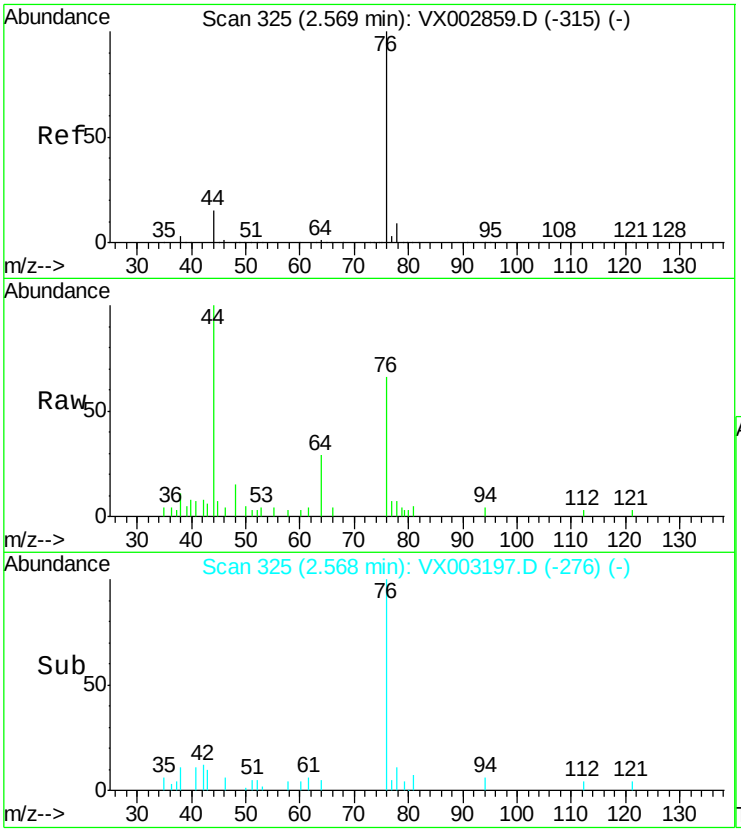


#16
Acetone
Concen: 1.56 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Tgt Ion: 43 Resp: 2535

Ion	Ratio	Lower	Upper
43	100		
58	29.6	22.1	33.1



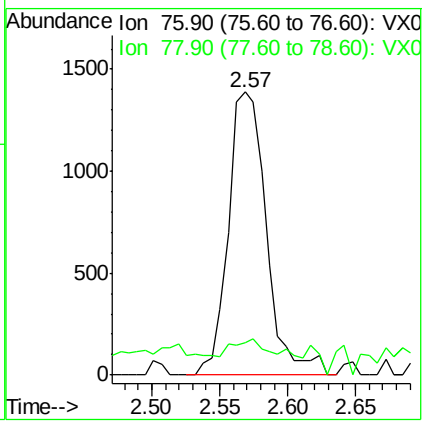


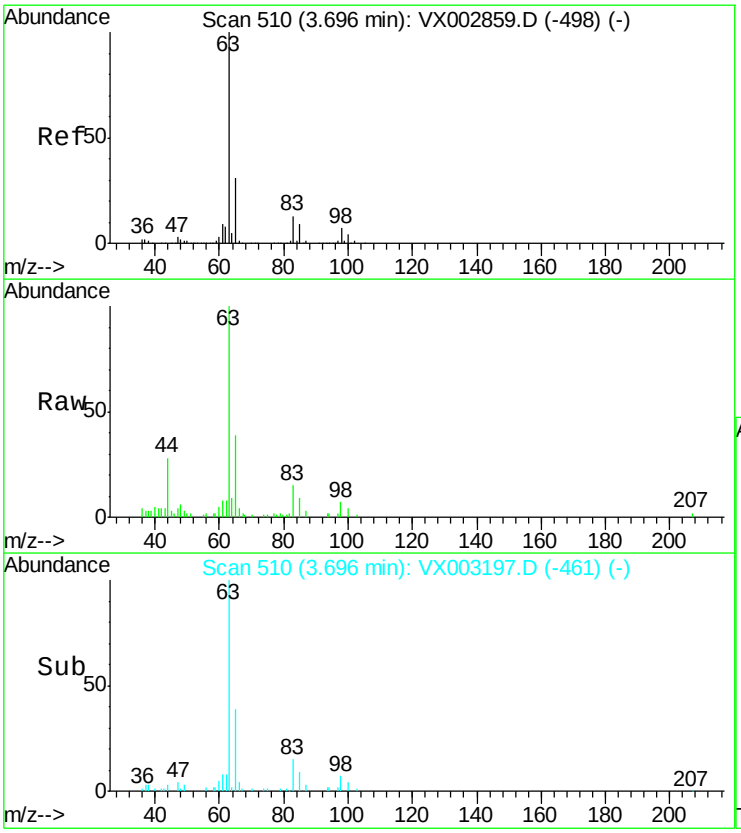
#17
Carbon Disulfide
Concen: 0.36 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180702

Tgt Ion: 76 Resp: 2712

Ion	Ratio	Lower	Upper
76	100		
78	4.5	6.9	10.3#

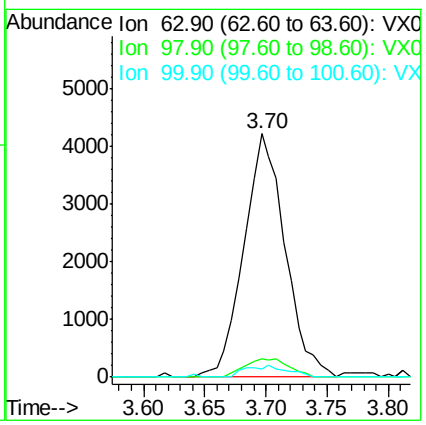


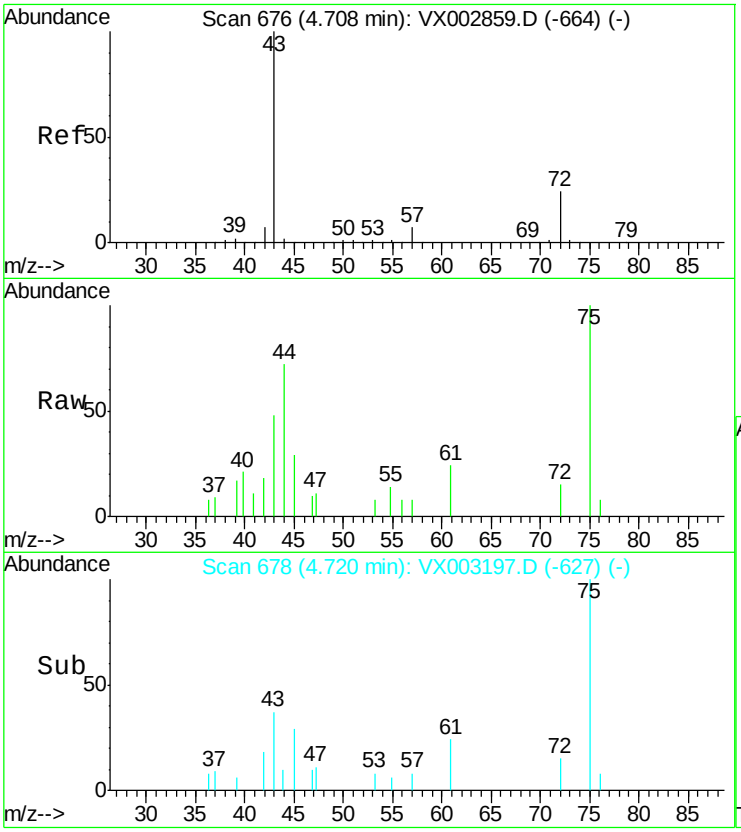


#24
1,1-Dichloroethane
Concen: 1.73 ug/l
RT: 3.70 min Scan# 510
Delta R.T. -0.00 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Tgt Ion: 63 Resp: 9915

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.4	10.2
100	3.6	2.0	6.0



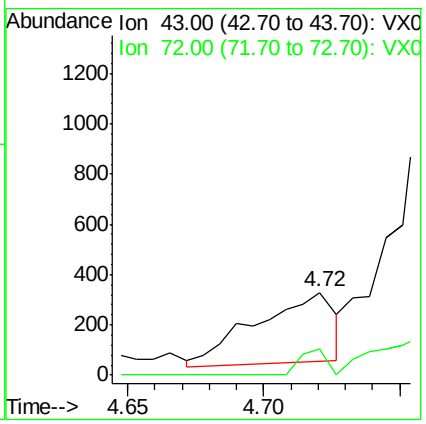


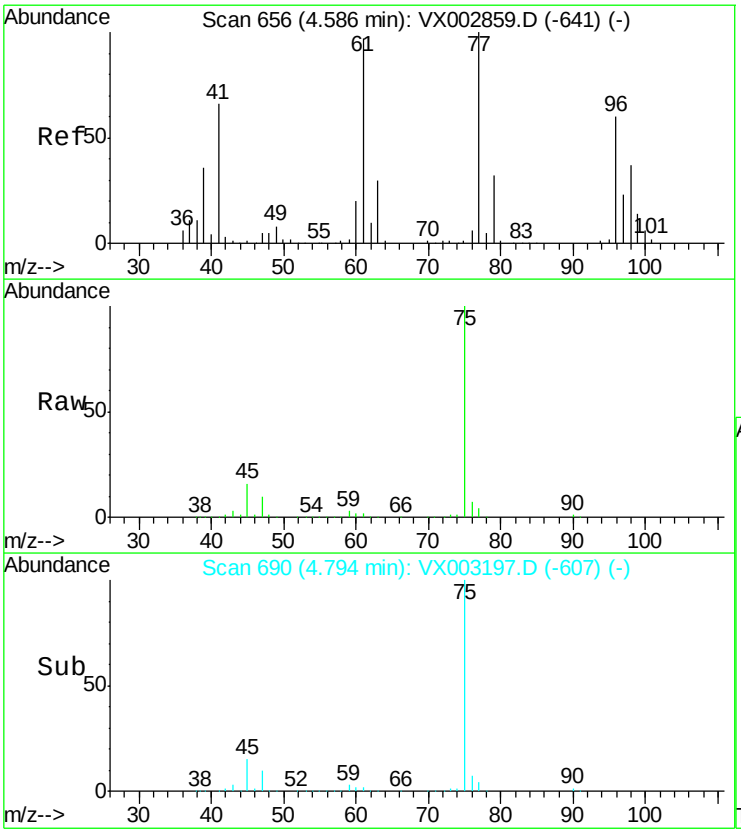
#25
2-Butanone
Concen: 0.23 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180702

Tgt Ion: 43 Resp: 560

Ion	Ratio	Lower	Upper
43	100		
72	38.8	18.5	27.7#

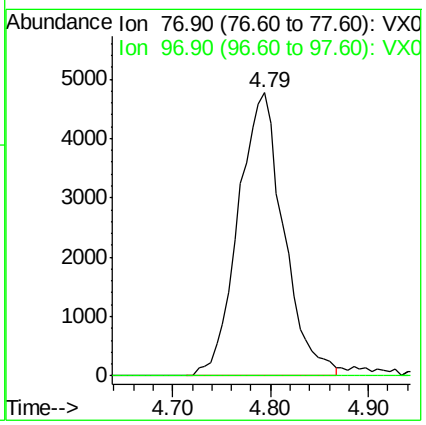


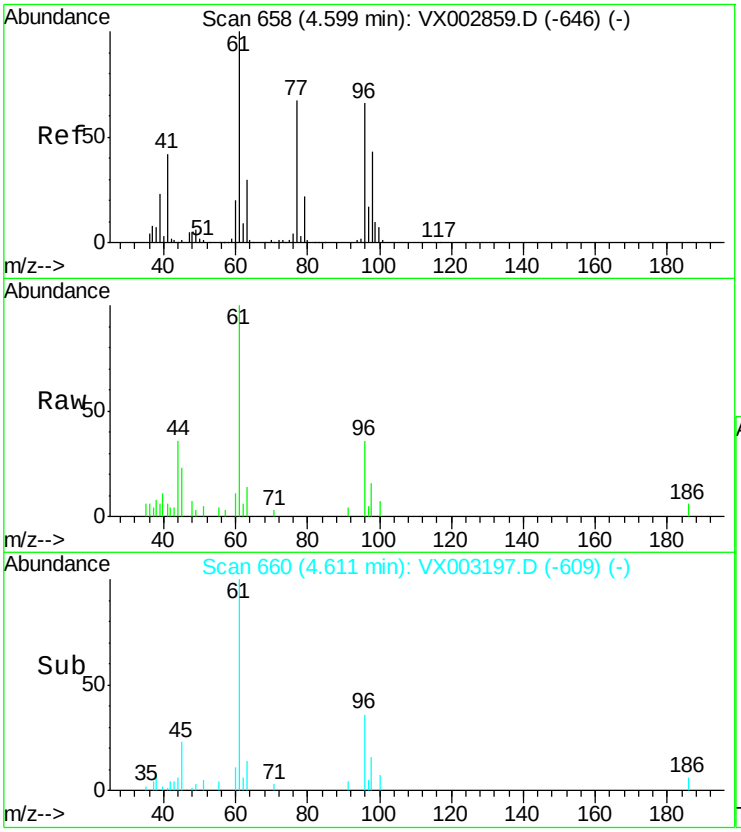


#26
2,2-Dichloropropane
Concen: 3.30 ug/l
RT: 4.79 min Scan# 690
Delta R.T. 0.21 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Tgt Ion: 77 Resp: 15405

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.2	33.5#



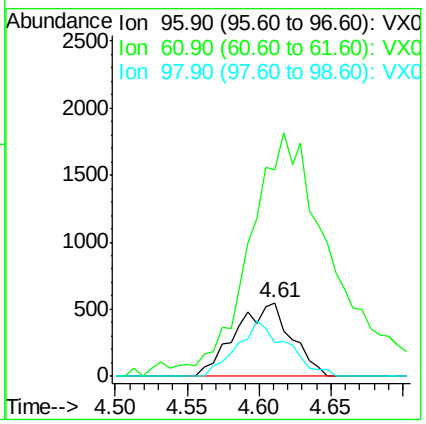


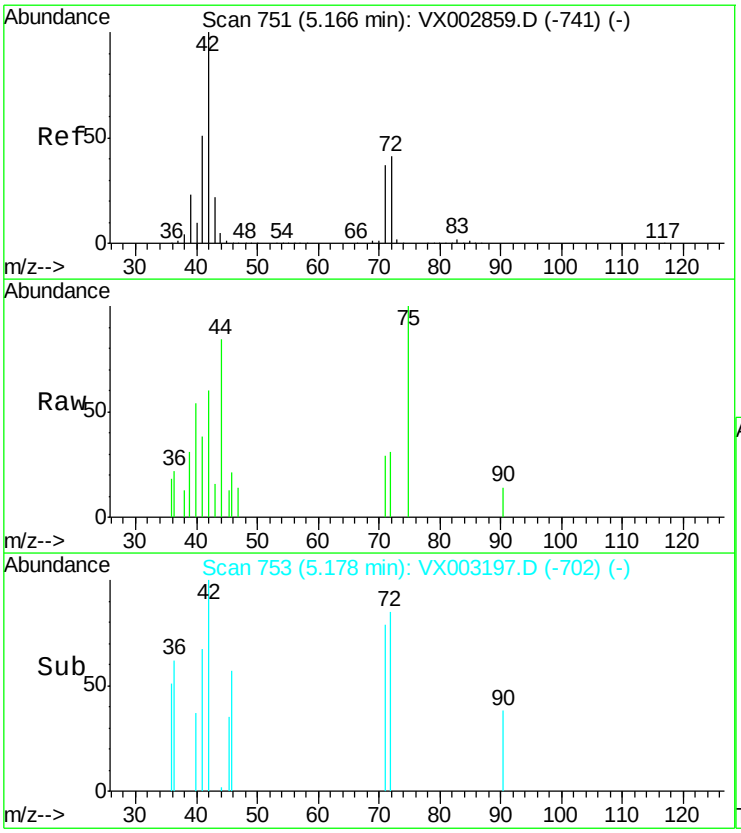
#27
cis-1,2-Dichloroethene
Concen: 0.43 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180702

Tgt Ion: 96 Resp: 1473

Ion	Ratio	Lower	Upper
96	100		
61	467.2	0.0	330.2#
98	67.4	0.0	130.2

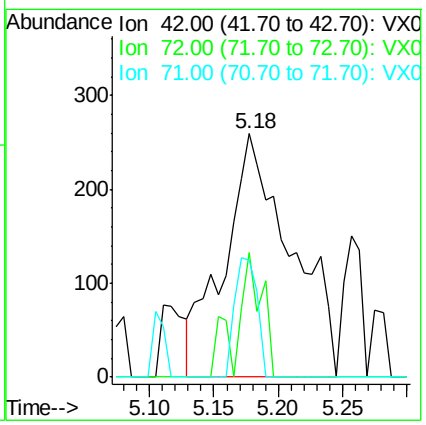


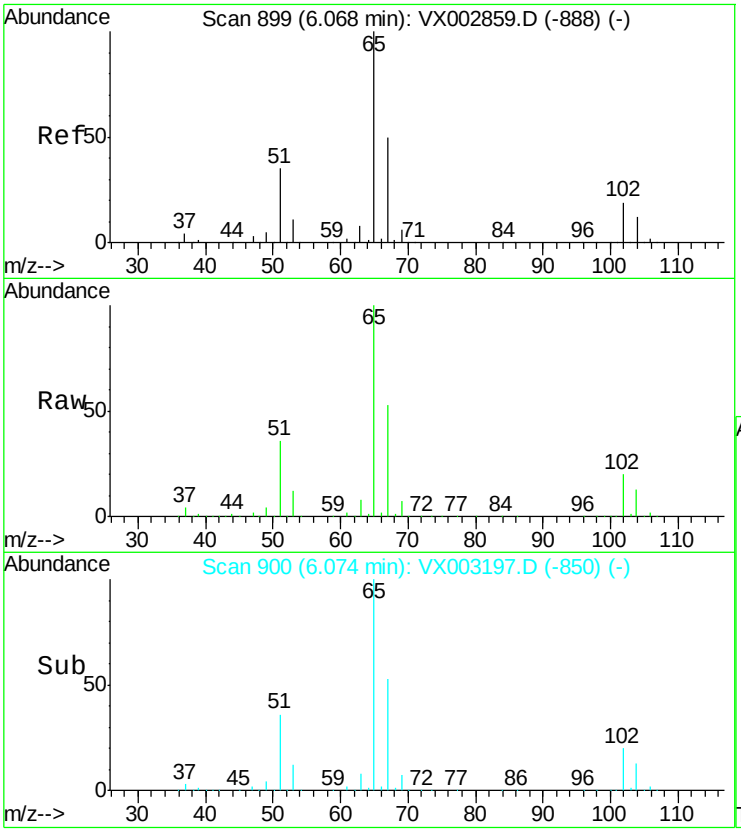


#29
Tetrahydrofuran
Concen: 0.60 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Tgt Ion: 42 Resp: 929

Ion	Ratio	Lower	Upper
42	100		
72	15.0	32.0	48.0#
71	16.6	30.1	45.1#



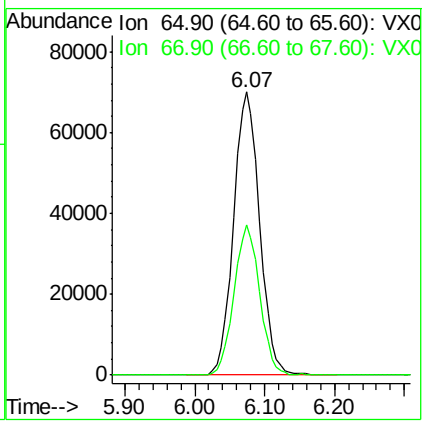


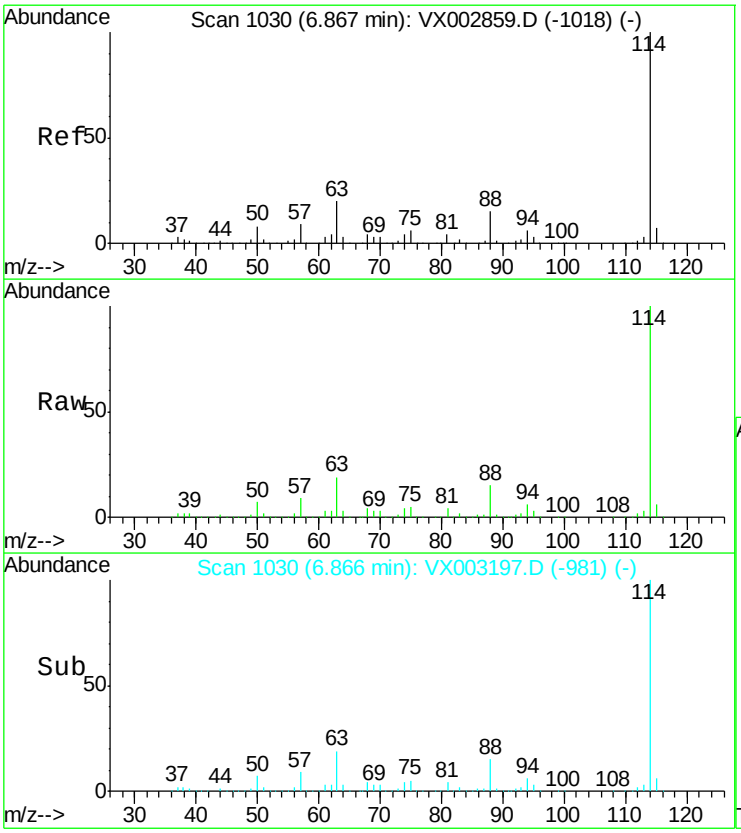
#33
1,2-Dichloroethane-d4
Concen: 46.04 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180702

Tgt Ion: 65 Resp: 180748

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	102.6

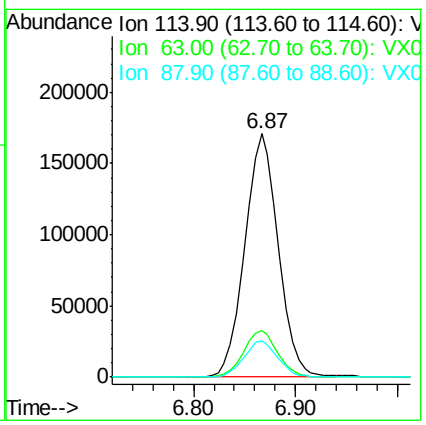


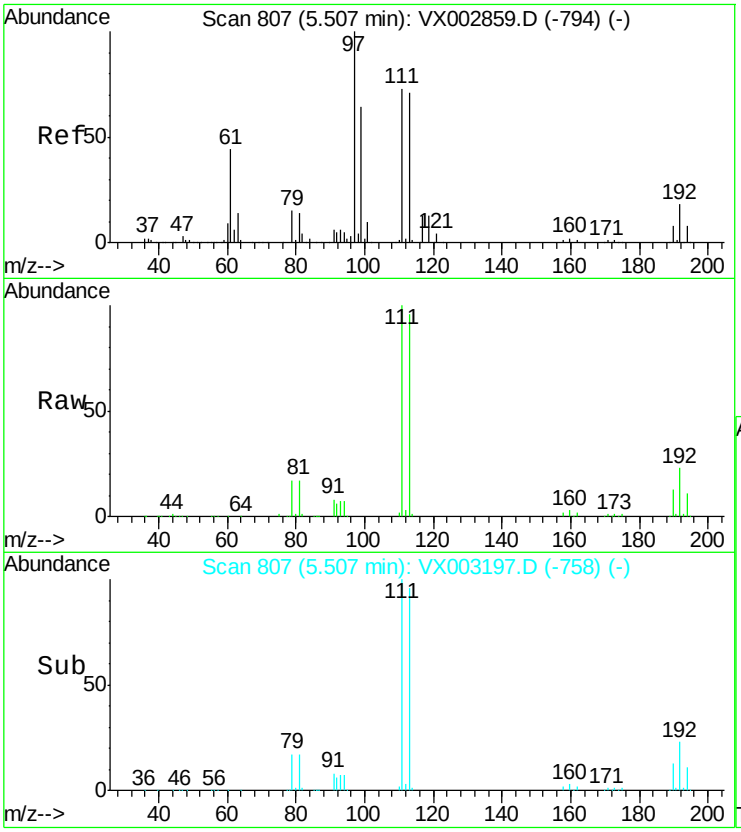


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Tgt Ion:114 Resp: 390091

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	41.4
88	14.8	0.0	30.0



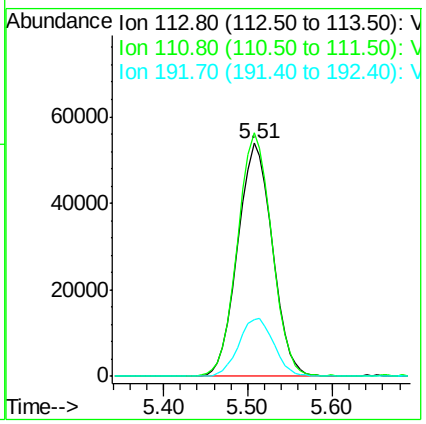


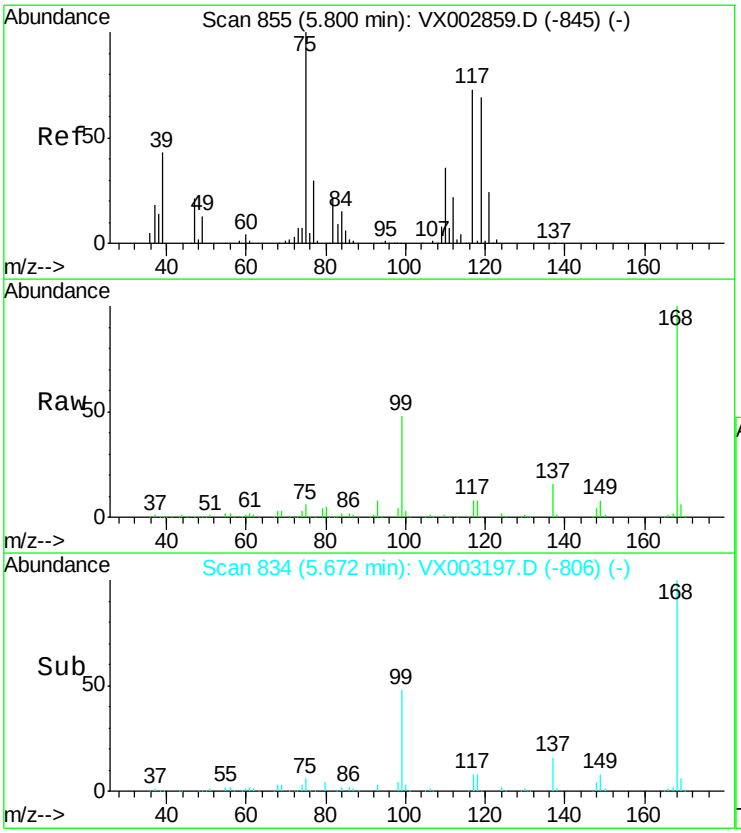
#35
Dibromofluoromethane
Concen: 48.78 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180702

Tgt Ion:113 Resp: 150689

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	25.1	19.1	28.7

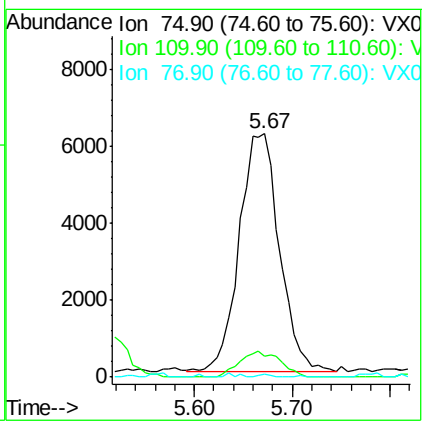


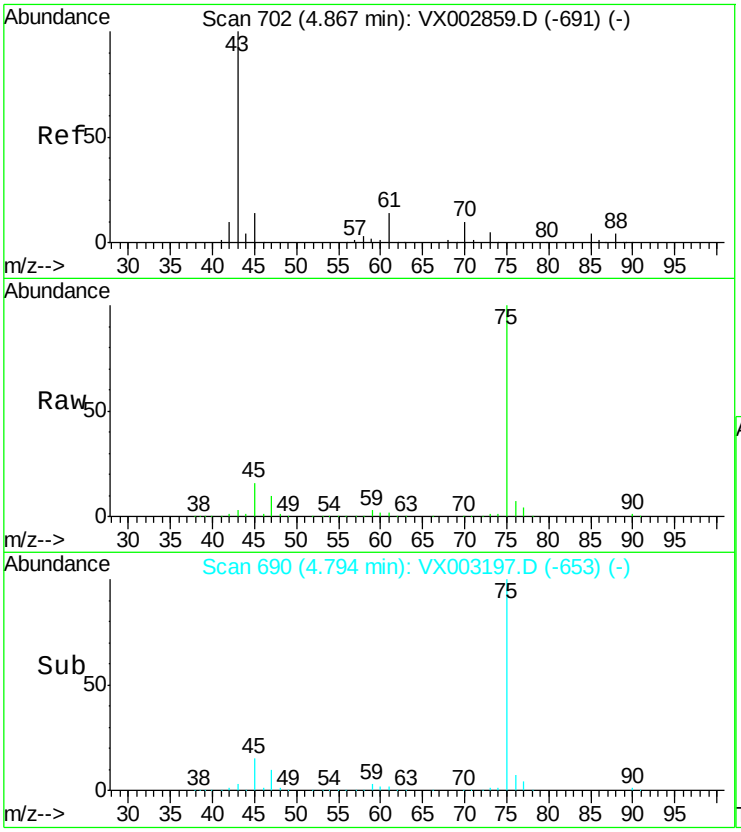


#36
1,1-Dichloropropene
Concen: 4.14 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Tgt Ion: 75 Resp: 17697

Ion	Ratio	Lower	Upper
75	100		
110	10.9	18.1	54.4#
77	0.4	24.3	36.5#



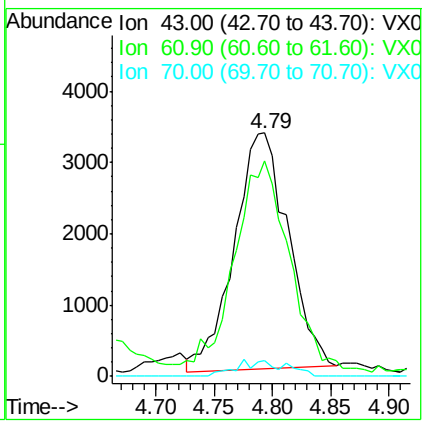


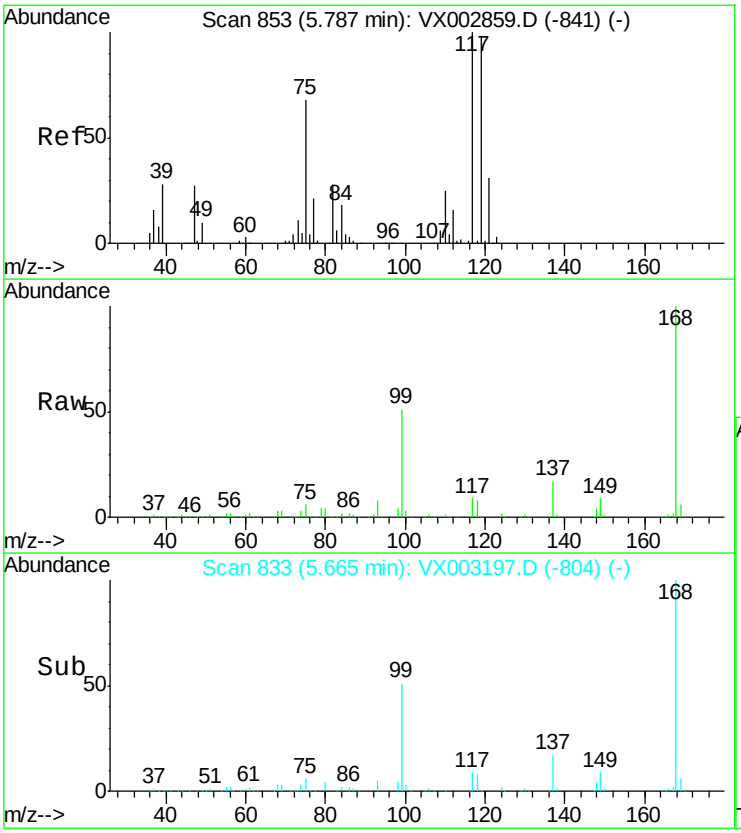
#37
Ethyl Acetate
Concen: 2.30 ug/l
RT: 4.79 min Scan# 690
Delta R.T. -0.07 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180702

Tgt Ion: 43 Resp: 10608

Ion	Ratio	Lower	Upper
43	100		
61	93.5	10.4	15.6#
70	2.4	7.6	11.4#

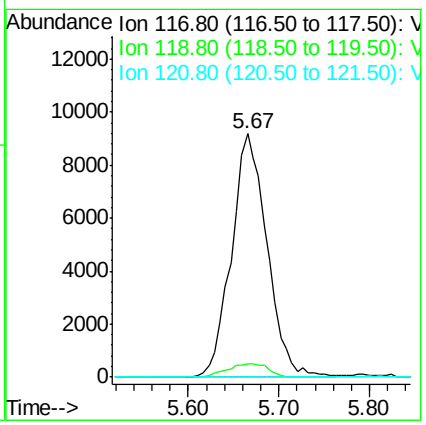


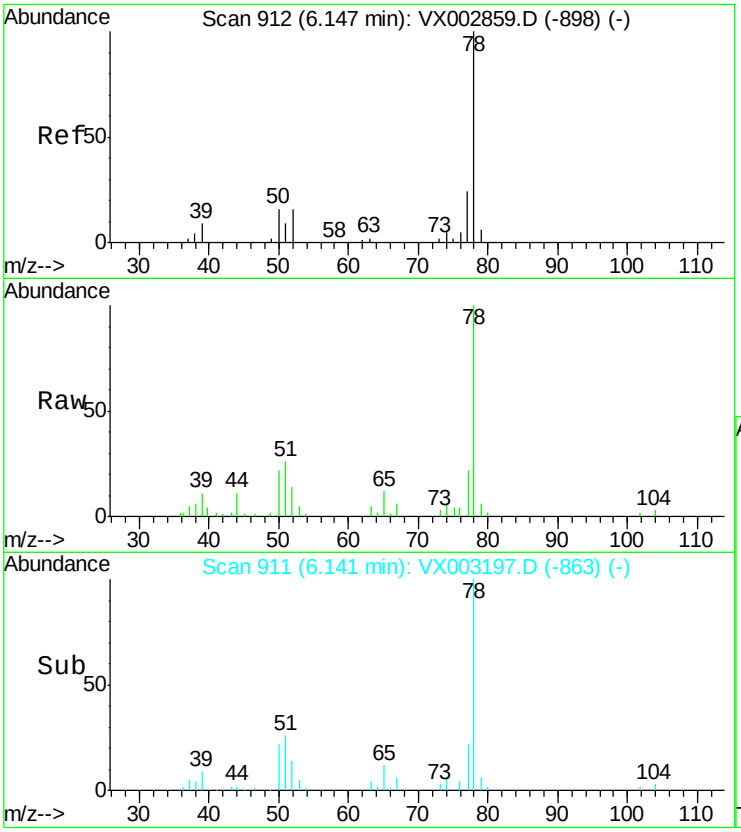


#38
Carbon Tetrachloride
Concen: 5.33 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Tgt Ion:117 Resp: 25001

Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.4	116.0#
121	0.0	24.4	36.6#



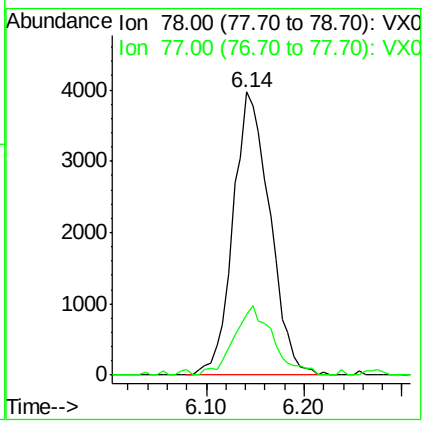


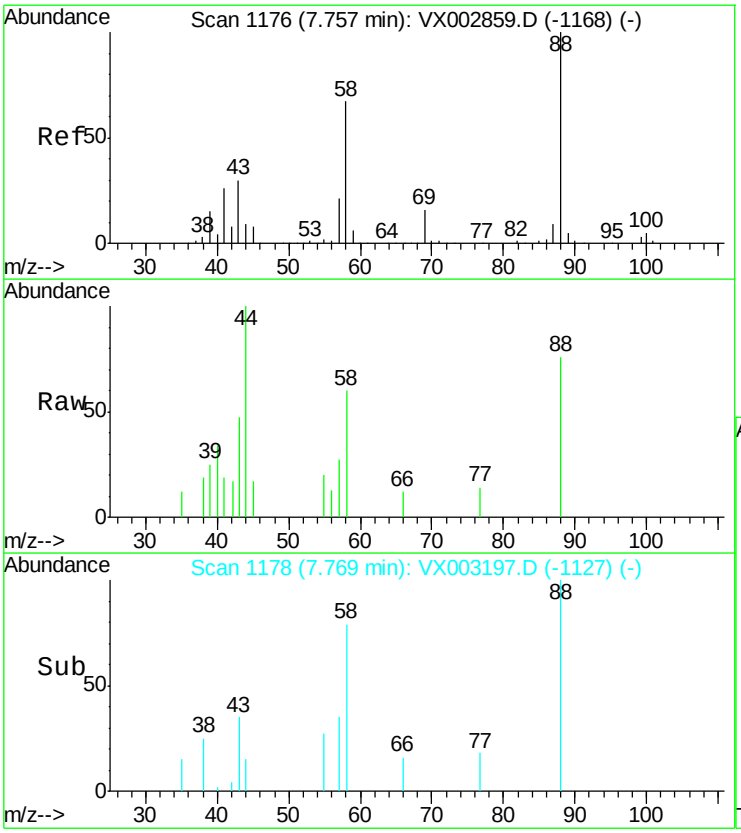
#40
Benzene
Concen: 0.84 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180702

Tgt Ion: 78 Resp: 10387

Ion	Ratio	Lower	Upper
78	100		
77	21.6	19.1	28.7

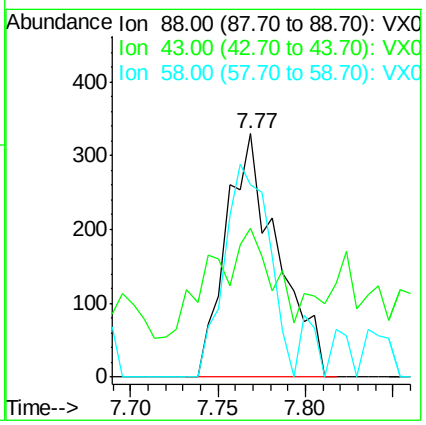


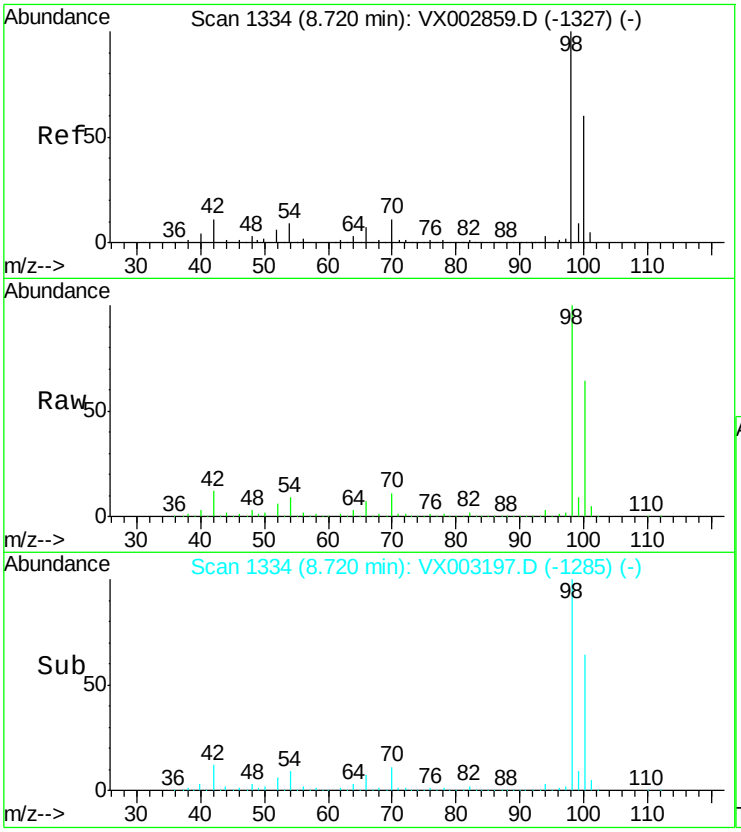


#49
1,4-Dioxane
Concen: 8.74 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Tgt Ion: 88 Resp: 677

Ion	Ratio	Lower	Upper
88	100		
43	54.8	29.8	44.6#
58	76.1	57.1	85.7



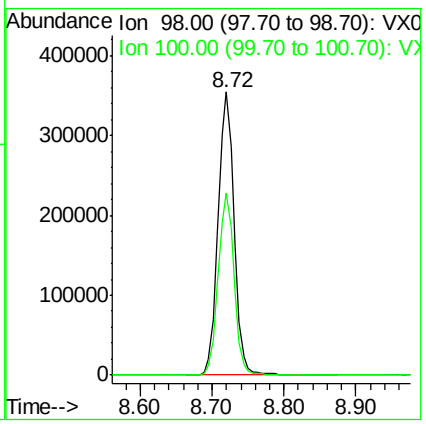


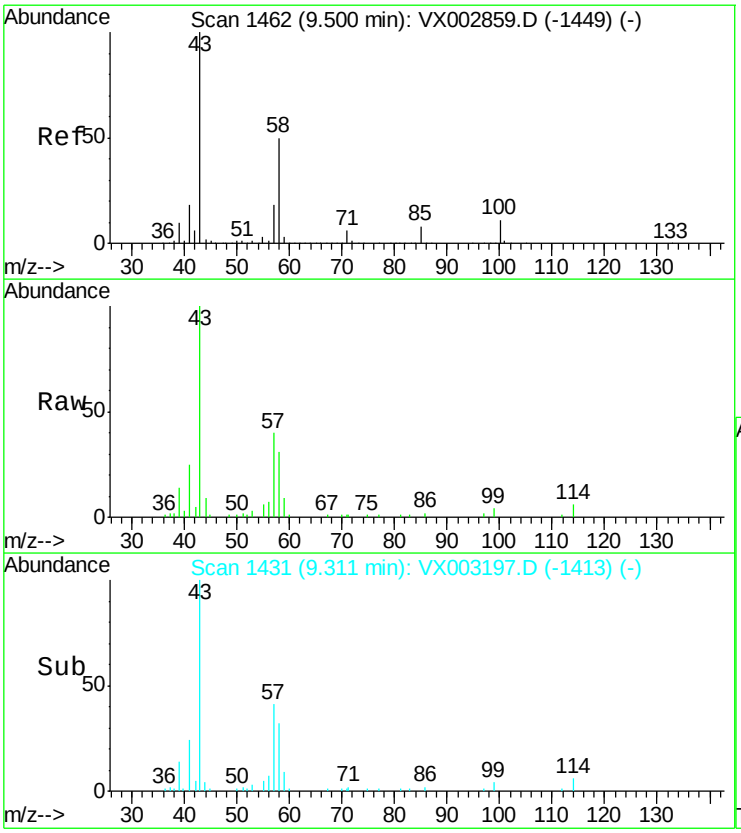
#50
Toluene-d8
Concen: 48.32 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180702

Tgt Ion: 98 Resp: 545146

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3

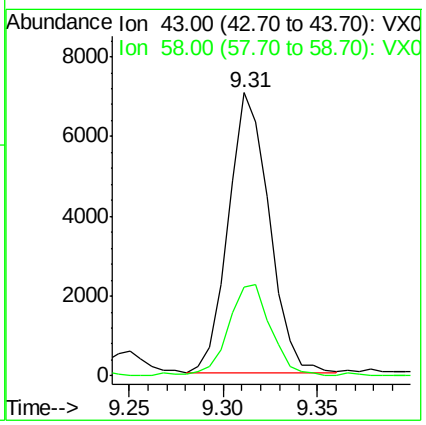


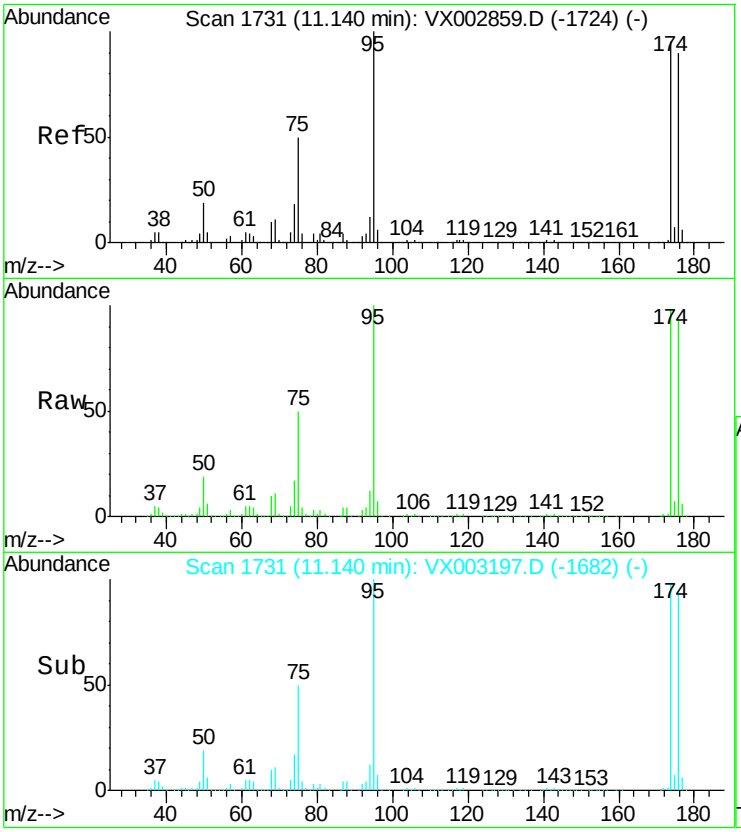


#59
2-Hexanone
Concen: 2.88 ug/l
RT: 9.31 min Scan# 1431
Delta R.T. -0.19 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Tgt Ion: 43 Resp: 10570

Ion	Ratio	Lower	Upper
43	100		
58	34.1	24.6	73.6



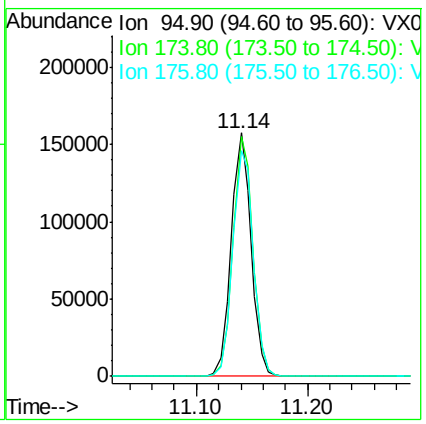


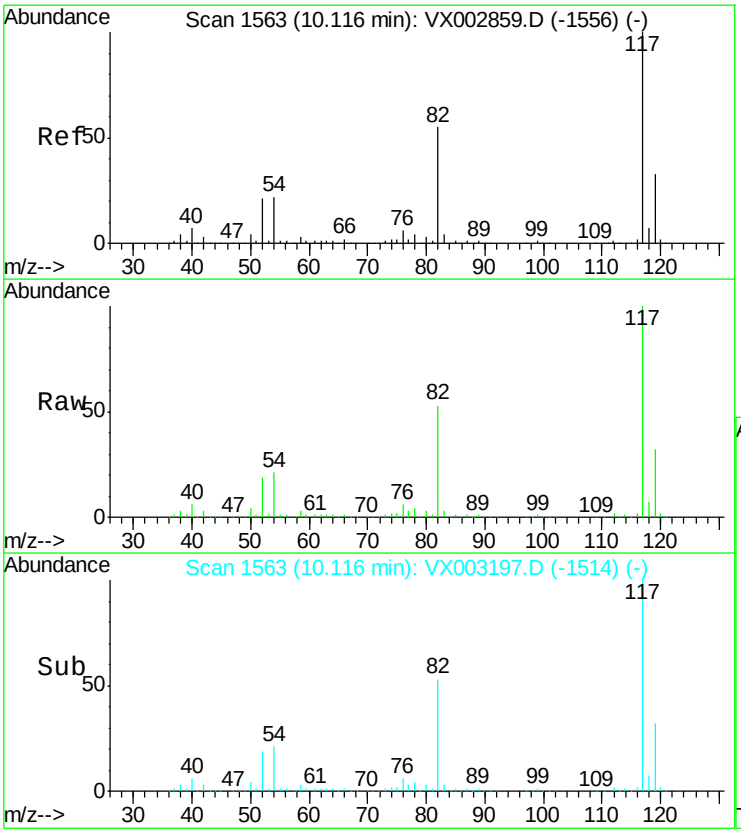
#62
4-Bromofluorobenzene
Concen: 44.60 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180702

Tgt Ion: 95 Resp: 194053

Ion	Ratio	Lower	Upper
95	100		
174	98.9	0.0	187.4
176	95.8	0.0	181.0

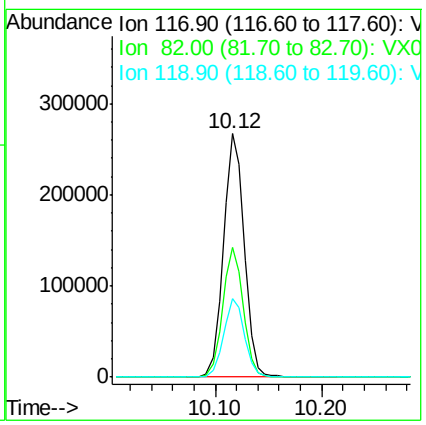


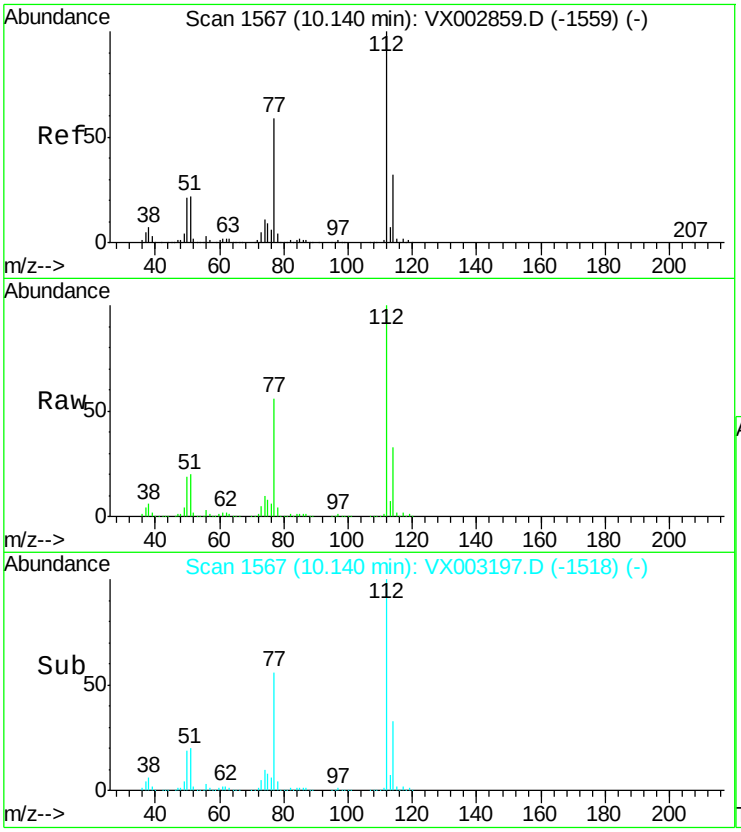


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Tgt Ion:117 Resp: 364555

Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.0	67.4
119	32.4	25.8	38.6



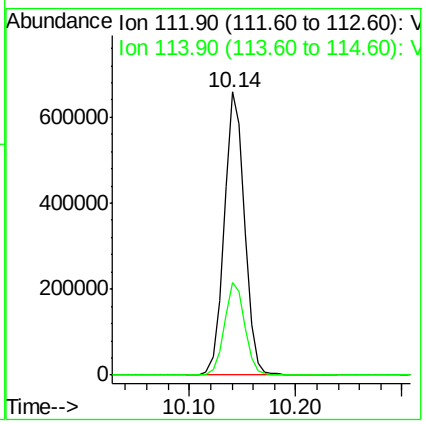


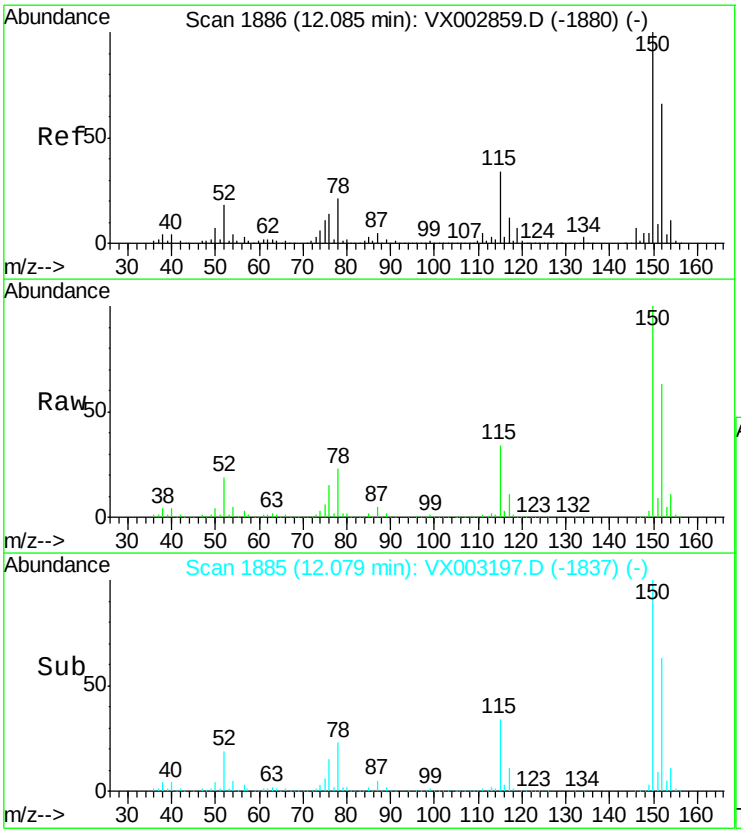
#65
Chlorobenzene
Concen: 95.05 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180702

Tgt Ion:112 Resp: 880124

Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.3	37.9

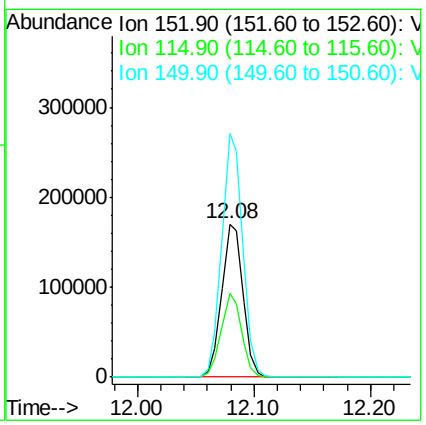


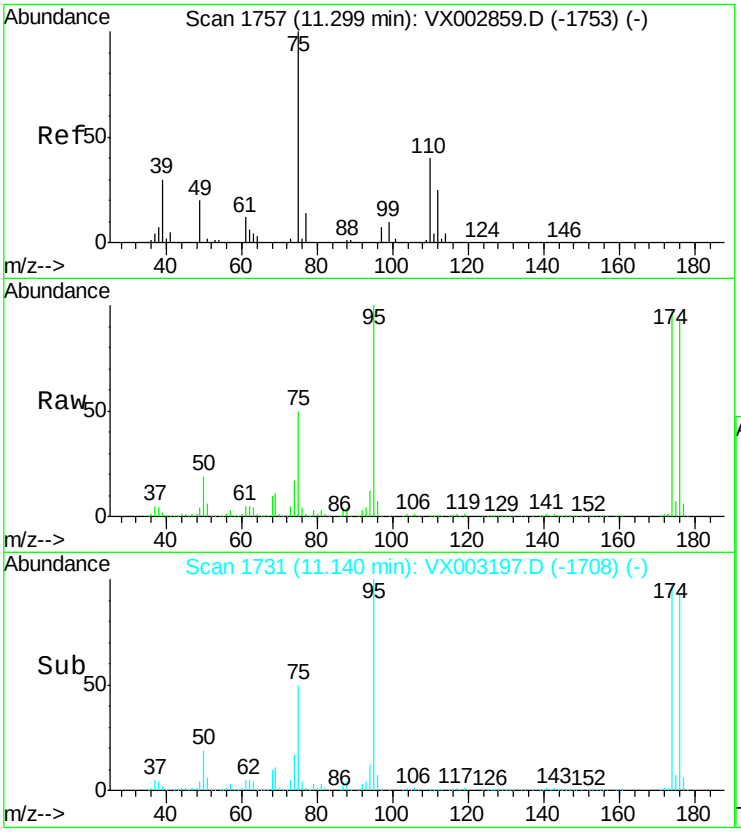


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Tgt Ion:152 Resp: 213914

Ion	Ratio	Lower	Upper
152	100		
115	52.8	40.1	120.2
150	157.0	0.0	347.2



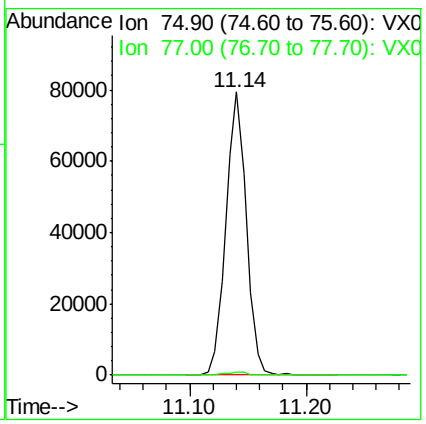


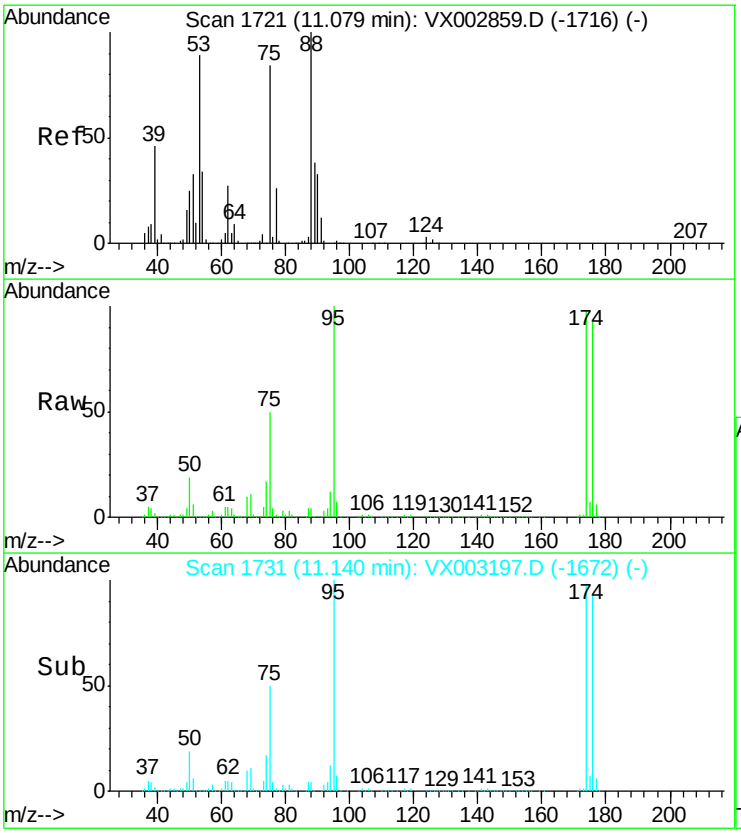
#76
1,2,3-Trichloropropane
Concen: 24.92 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180702

Tgt Ion: 75 Resp: 96557

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#

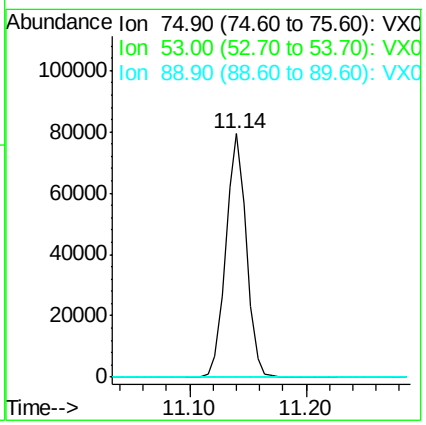


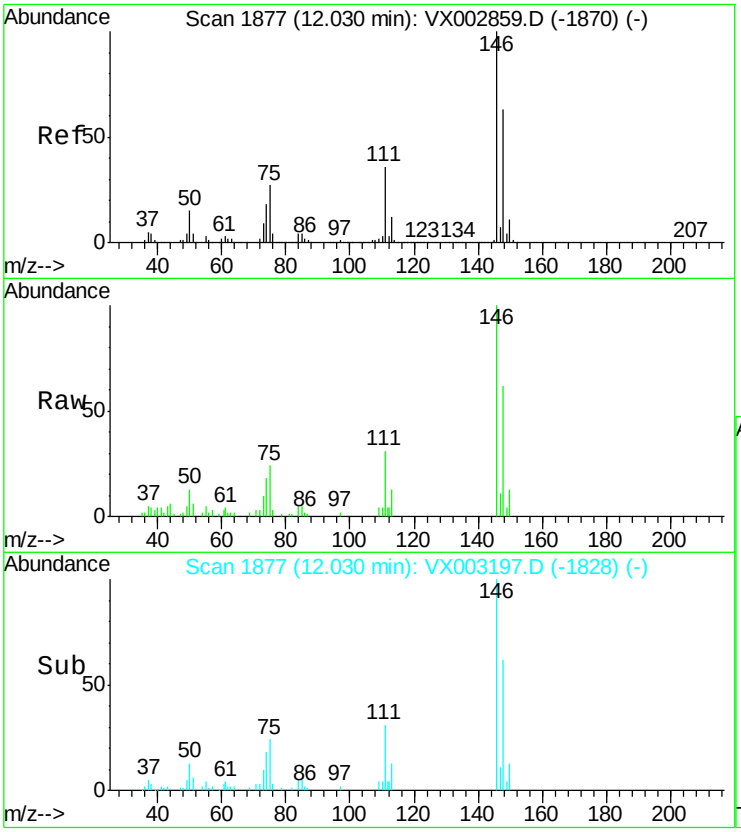


#81
trans-1,4-Dichloro-2-butene
Concen: 70.80 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Tgt Ion: 75 Resp: 96557

Ion	Ratio	Lower	Upper
75	100		
53	0.3	86.8	130.2#
89	0.0	38.2	57.2#



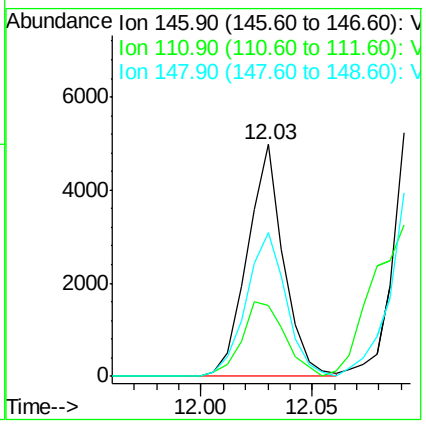


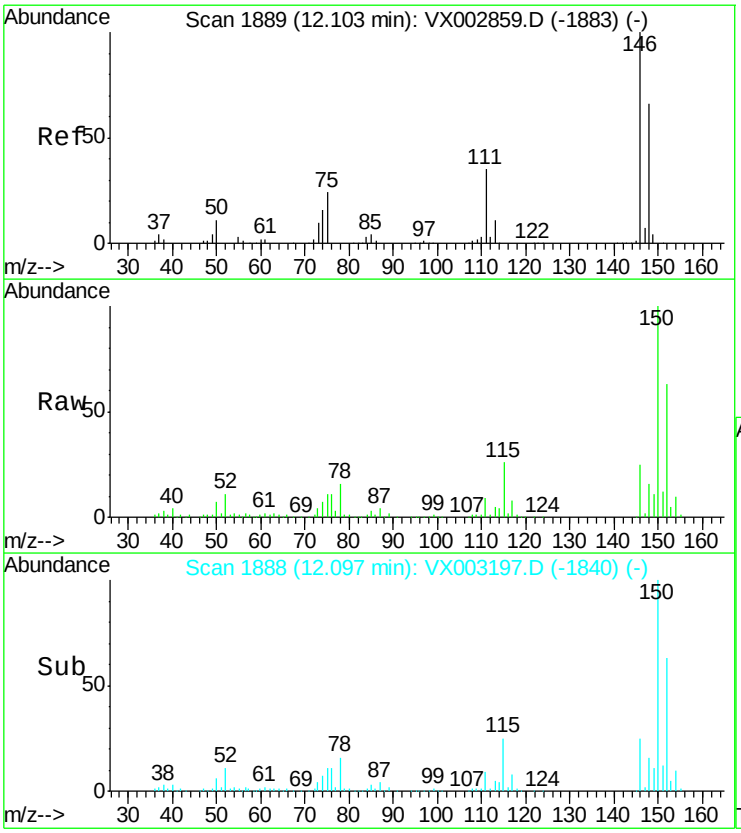
#87
1,3-Dichlorobenzene
Concen: 0.75 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Instrument : MSVOA_X
ClientSampleId : WP022MW102-180702

Tgt Ion:146 Resp: 5645

Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.7
148	68.1	32.1	96.3

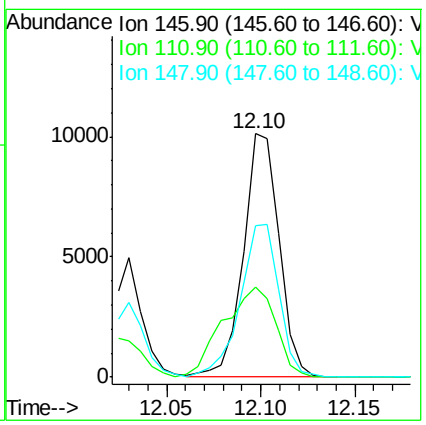


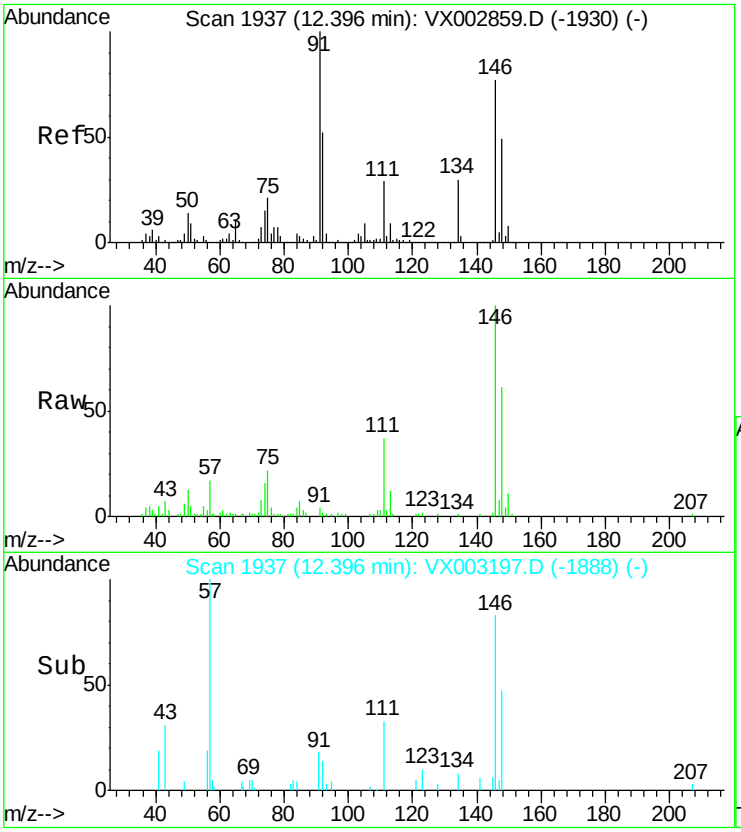


#88
1,4-Dichlorobenzene
Concen: 1.73 ug/l
RT: 12.10 min Scan# 1888
Delta R.T. -0.01 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Tgt Ion:146 Resp: 13323

Ion	Ratio	Lower	Upper
146	100		
111	54.2	18.7	56.1
148	68.0	32.4	97.0





#91
1,2-Dichlorobenzene
Concen: 1.96 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003197.D
Acq: 06 Jul 2018 03:14

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180702

Tgt Ion:146 Resp: 14798

Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.4	58.1
148	62.7	31.7	95.1