Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070518\
Data File : VX003199.D
Acq On : 06 Jul 2018 04:07
Operator : JC/MD
Sample : J3844-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jul 06 04:38:23 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	271444	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	378026	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	349178	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199077	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	172571	46.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.00%				
35) Dibromofluoromethane	5.51	113	144808	48.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.74%				
50) Toluene-d8	8.72	98	519705	47.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.08%				
62) 4-Bromofluorobenzene	11.14	95	187323	44.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.86%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	142	Below Cal		#	43
3) Chloromethane	1.33	50	565	Below Cal		#	73
4) Vinyl Chloride	1.40	62	8555	2.79	ug/l	#	67
5) Bromomethane	1.61	94	109	Below Cal		#	43
6) Chloroethane	1.73	64	246	Below Cal		#	52
10) Methyl Iodide	2.52	142	1573	6.68	ug/l		96
11) Tert butyl alcohol	3.08	59	1661	2.22	ug/l		96
13) Acrolein	2.25	56	201	4.71	ug/l	#	62
16) Acetone	2.45	43	1234	0.79	ug/l		96
24) 1,1-Dichloroethane	3.70	63	2573	0.47	ug/l	#	86
26) 2,2-Dichloropropane	4.78	77	2650	0.59	ug/l	#	53
27) cis-1,2-Dichloroethene	4.60	96	871	0.27	ug/l	#	10
29) Tetrahydrofuran	5.18	42	544	0.37	ug/l	#	36
36) 1,1-Dichloropropene	5.67	75	17710	4.27	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	24026	5.28	ug/l	#	16
49) 1,4-Dioxane	7.77	88	87	1.16	ug/l	#	1
65) Chlorobenzene	10.14	112	4768	0.54	ug/l		93
76) 1,2,3-Trichloropropane	11.14	75	92147	25.55	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	92147	72.52	ug/l	#	7
87) 1,3-Dichlorobenzene	12.03	146	1416	0.20	ug/l		96
91) 1,2-Dichlorobenzene	12.40	146	1574	0.22	ug/l		95

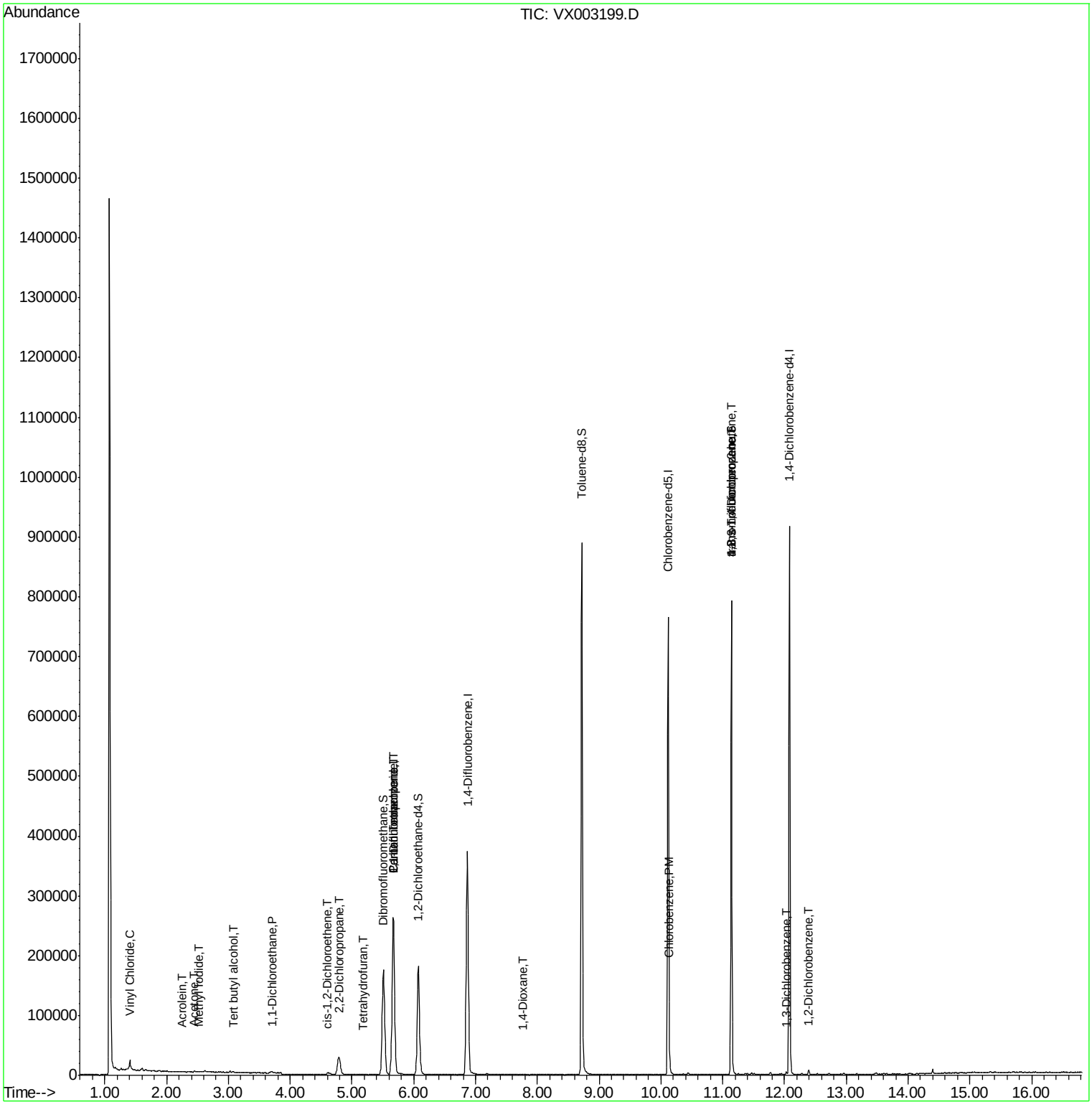
(#) = qualifier out of range (m) = manual integration (+) = signals summed

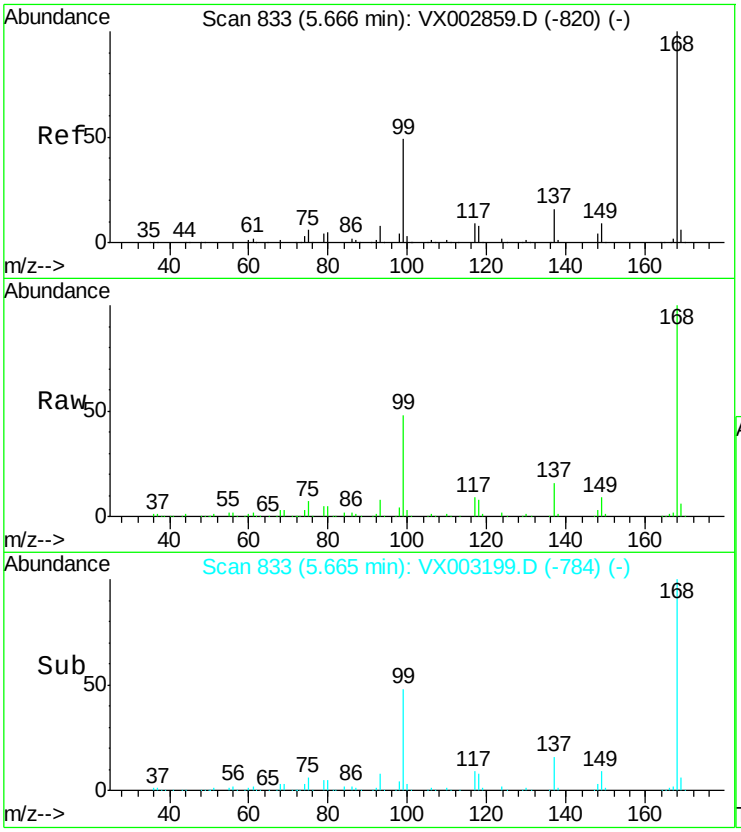
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
Data File : VX003199.D
Acq On : 06 Jul 2018 04:07
Operator : JC/MD
Sample : J3844-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 06 04:38:23 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



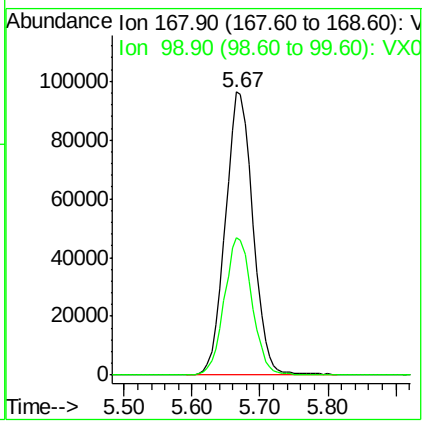


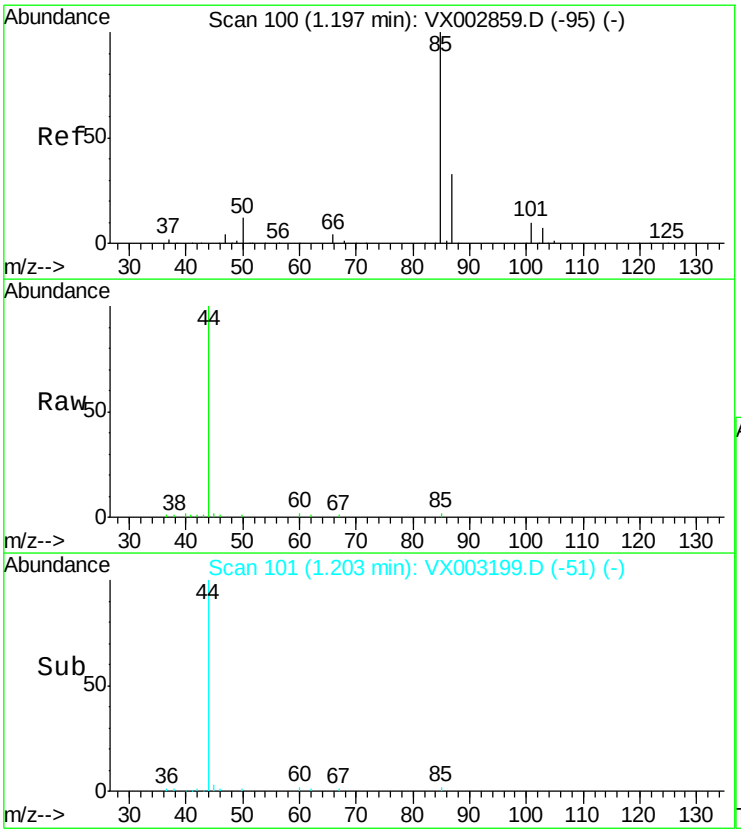
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 271444

Ion	Ratio	Lower	Upper
168	100		
99	48.3	39.3	58.9

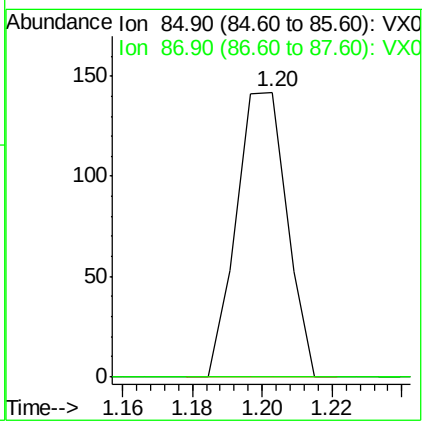


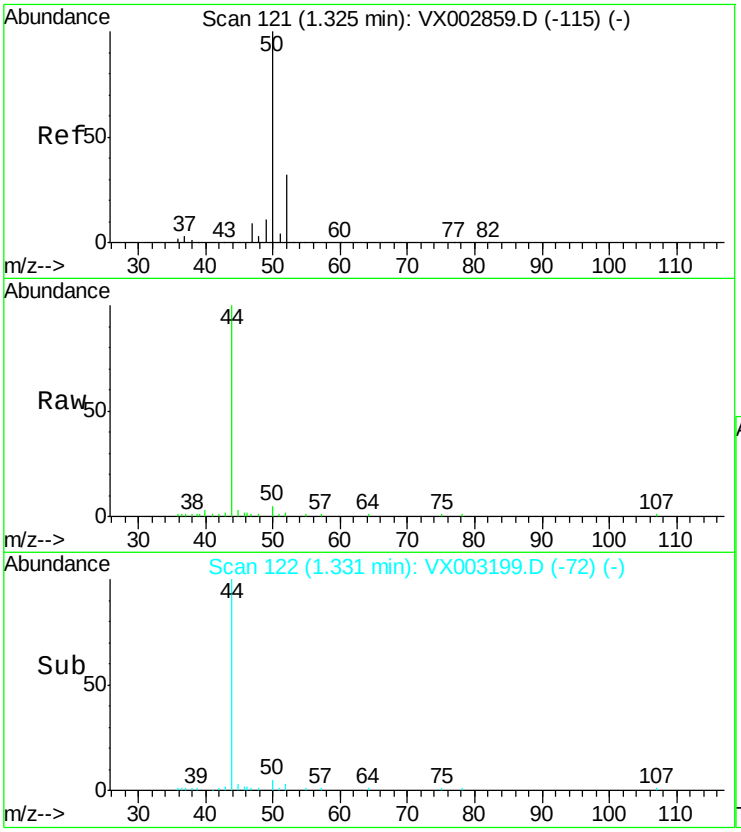


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 101
Delta R.T. 0.01 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Tgt Ion: 85 Resp: 142

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#



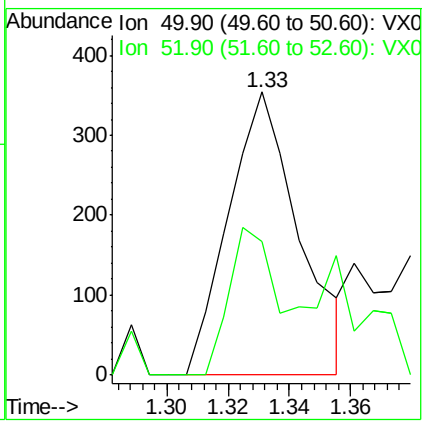


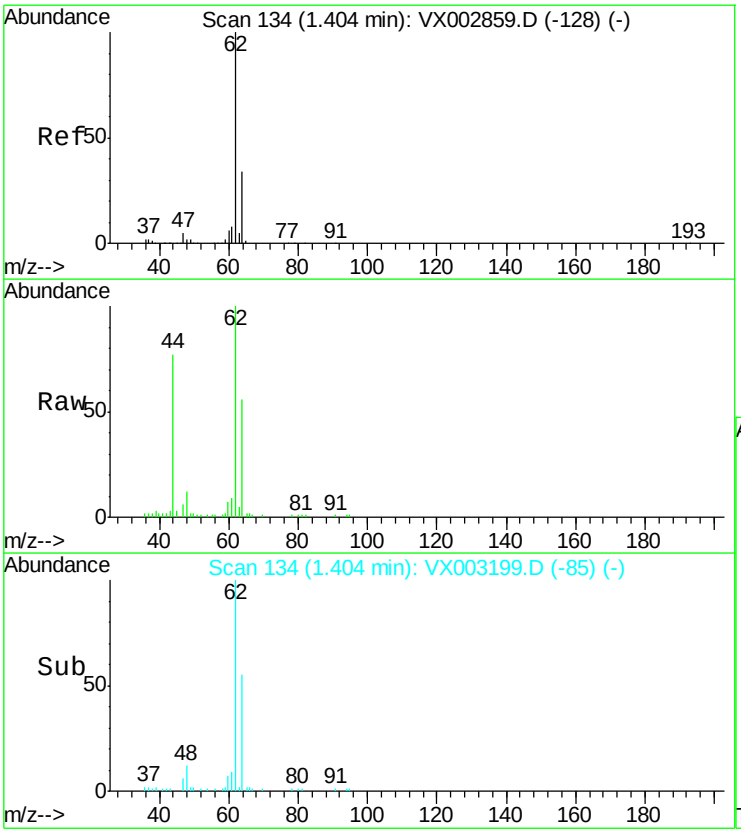
#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 565

Ion	Ratio	Lower	Upper
50	100		
52	47.2	25.7	38.5#

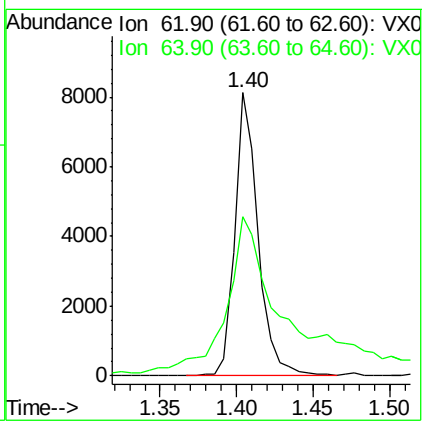


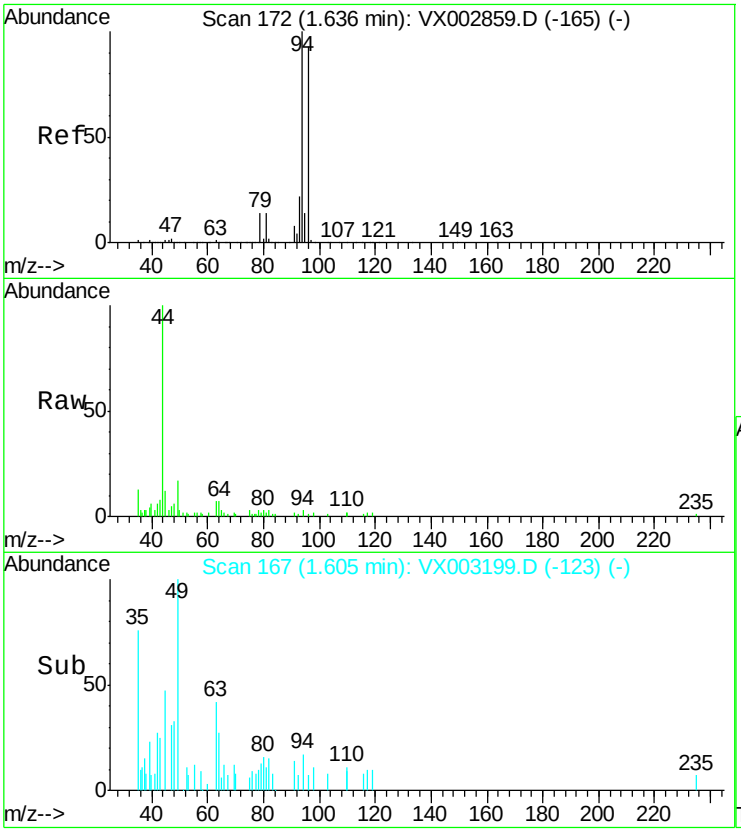


#4
Vinyl Chloride
Concen: 2.79 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Tgt Ion: 62 Resp: 8555

Ion	Ratio	Lower	Upper
62	100		
64	50.2	25.4	38.2#



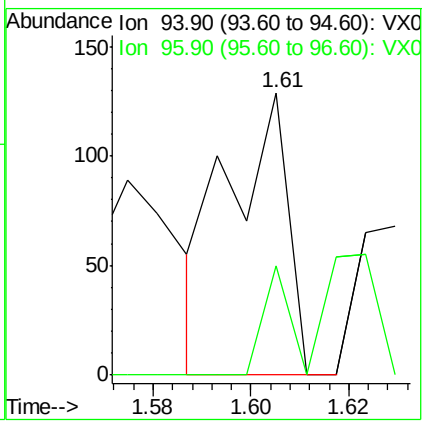


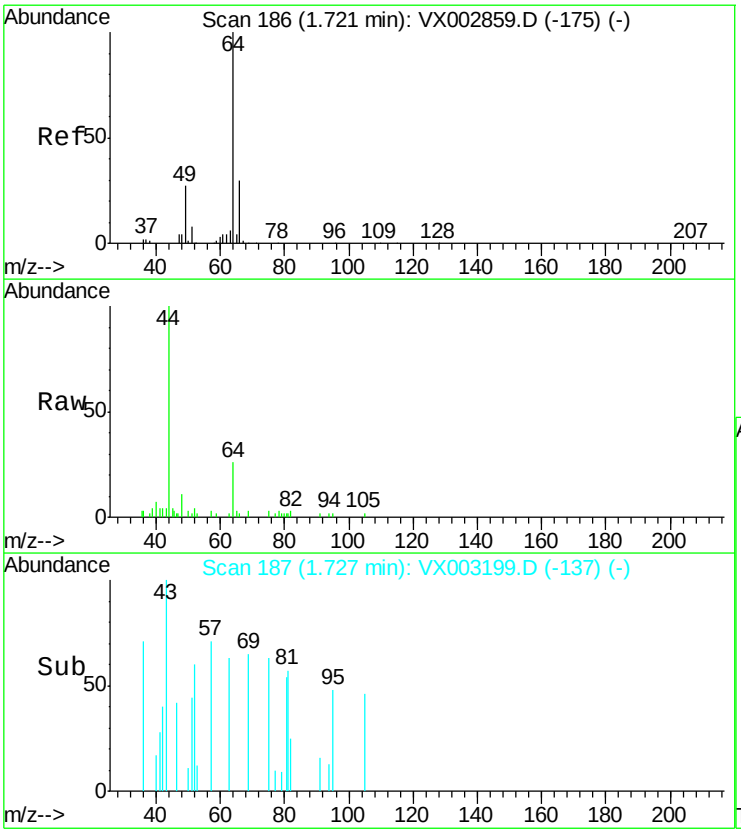
#5
Bromomethane
Concen: Below Cal
RT: 1.61 min Scan# 167
Delta R.T. -0.03 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 109

Ion	Ratio	Lower	Upper
94	100		
96	38.8	74.9	112.3#

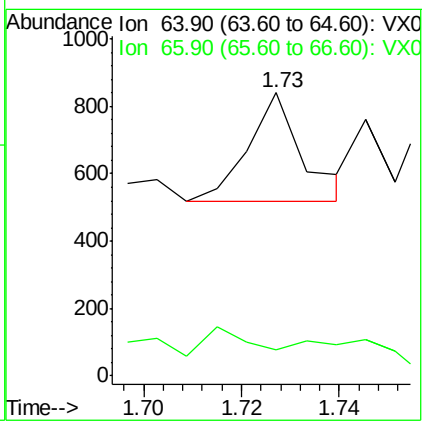


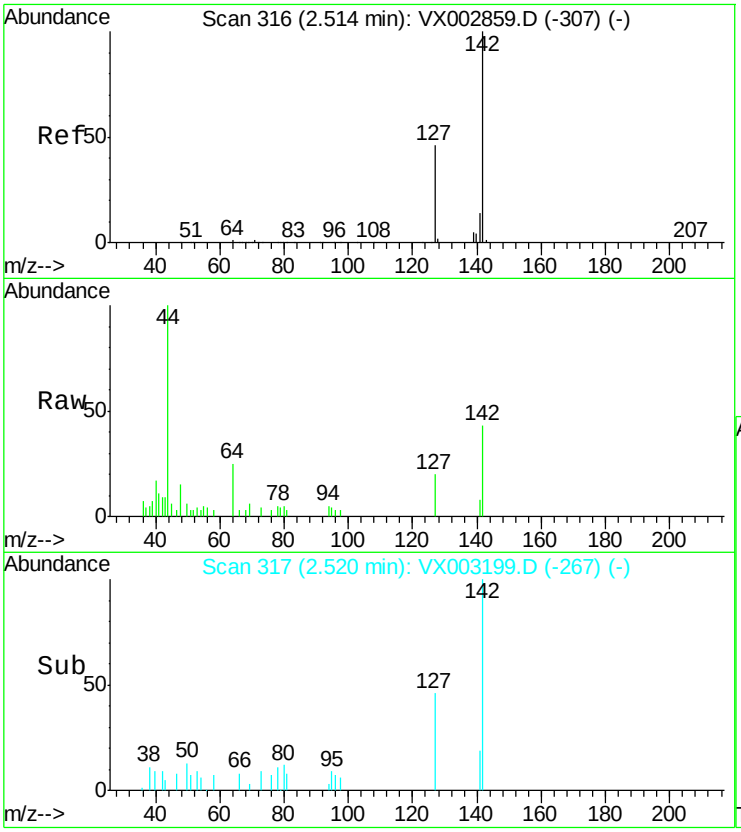


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 187
Delta R.T. 0.01 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Tgt Ion: 64 Resp: 246

Ion	Ratio	Lower	Upper
64	100		
66	5.0	25.5	38.3#



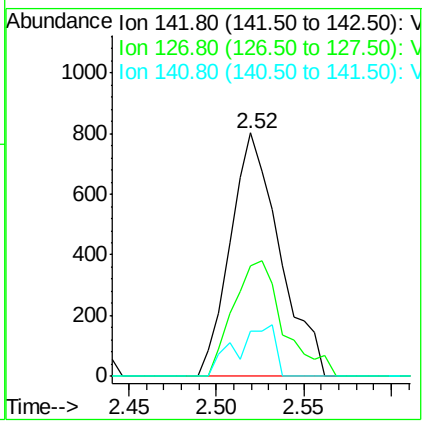


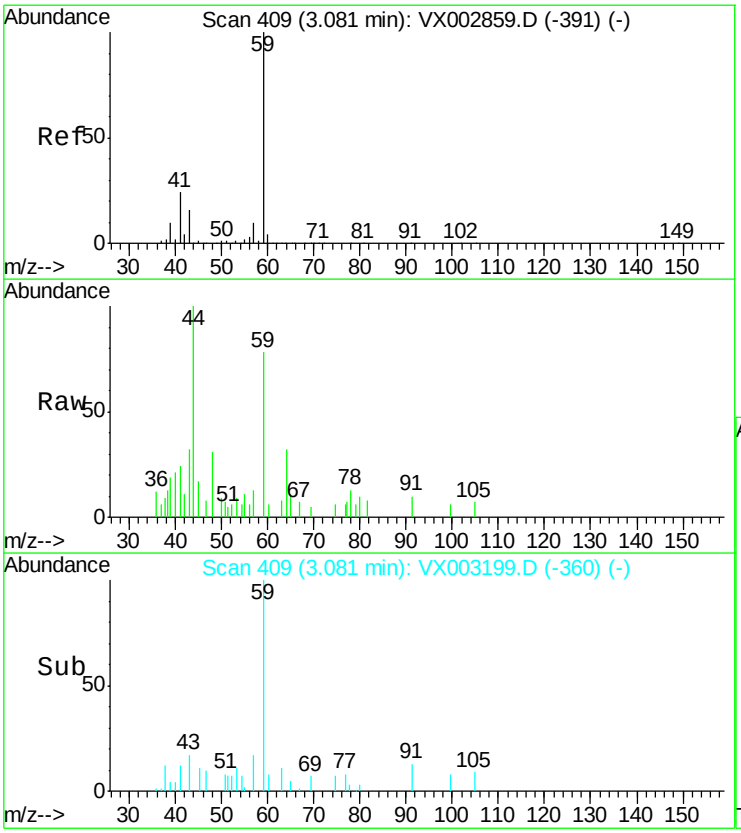
#10
Methyl Iodide
Concen: 6.68 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1573

Ion	Ratio	Lower	Upper
142	100		
127	48.4	36.6	55.0
141	16.4	11.3	16.9

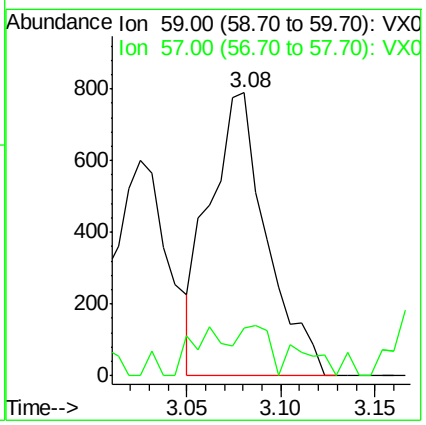


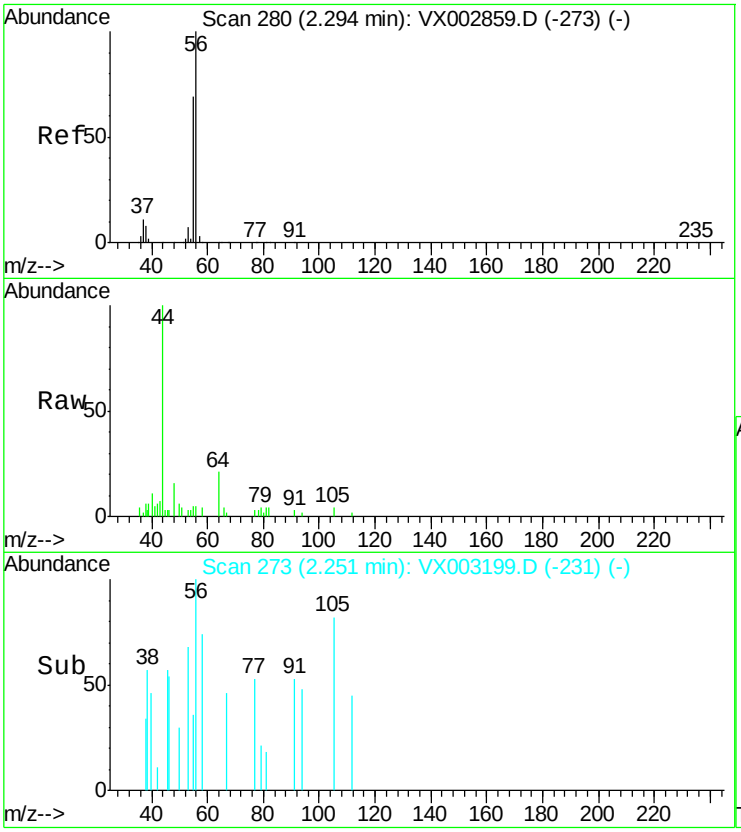


#11
Tert butyl alcohol
Concen: 2.22 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Tgt Ion: 59 Resp: 1661

Ion	Ratio	Lower	Upper
59	100		
57	8.7	8.2	12.2



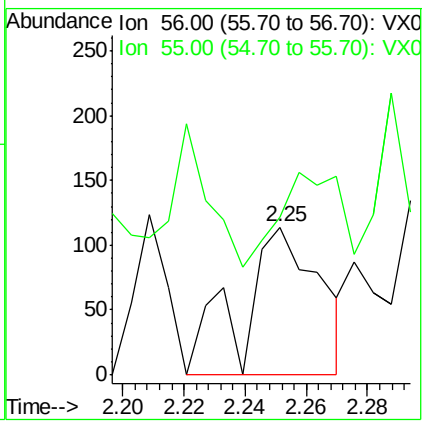


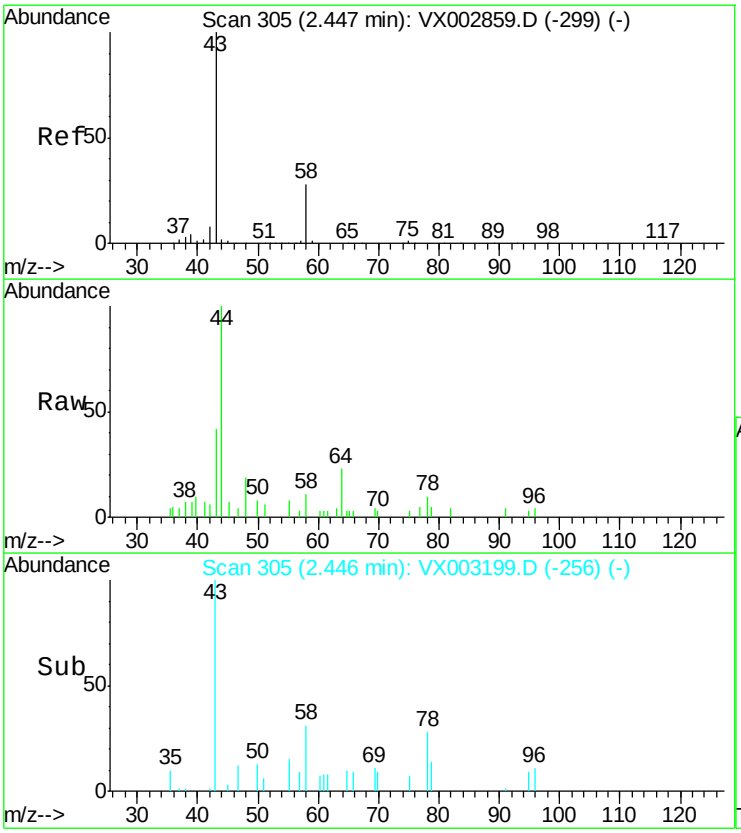
#13
Acrolein
Concen: 4.71 ug/l
RT: 2.25 min Scan# 273
Delta R.T. -0.04 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 201

Ion	Ratio	Lower	Upper
56	100		
55	102.5	57.0	85.4#

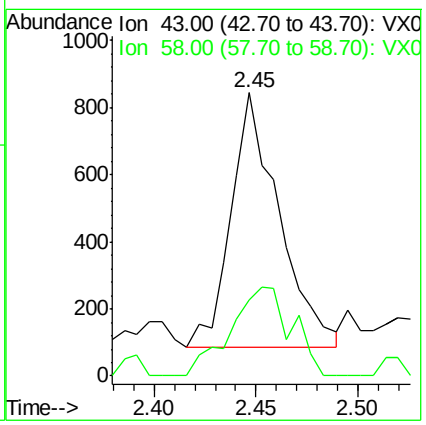


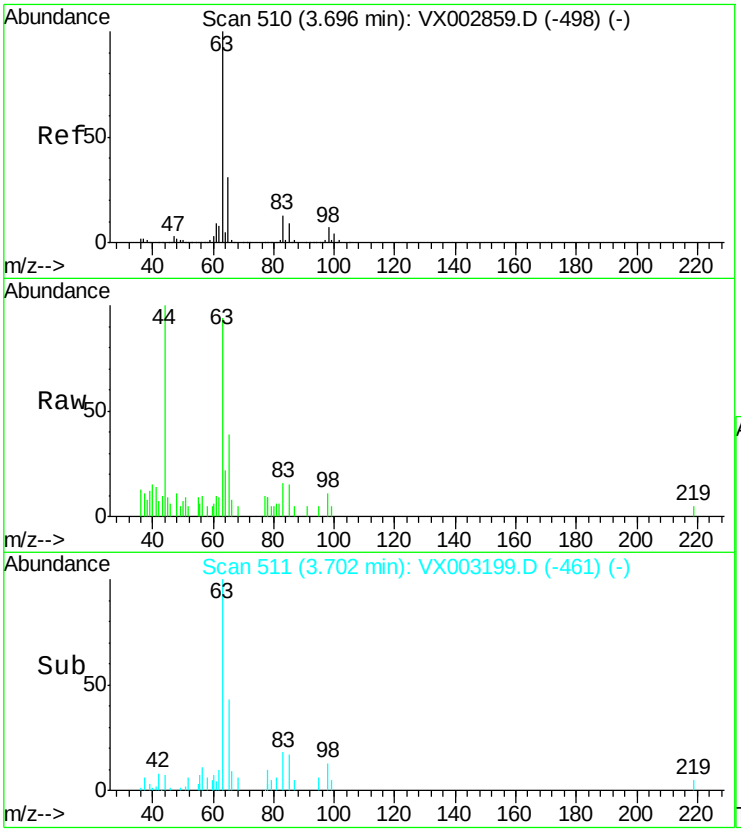


#16
Acetone
Concen: 0.79 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Tgt Ion: 43 Resp: 1234

Ion	Ratio	Lower	Upper
43	100		
58	29.9	22.1	33.1



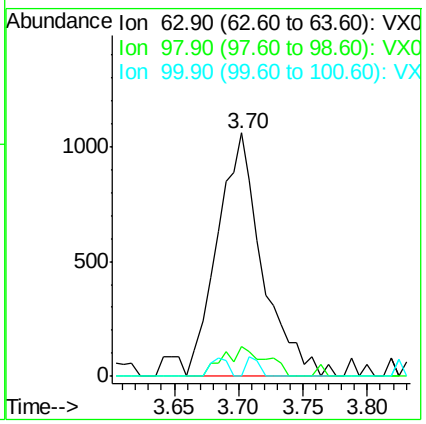


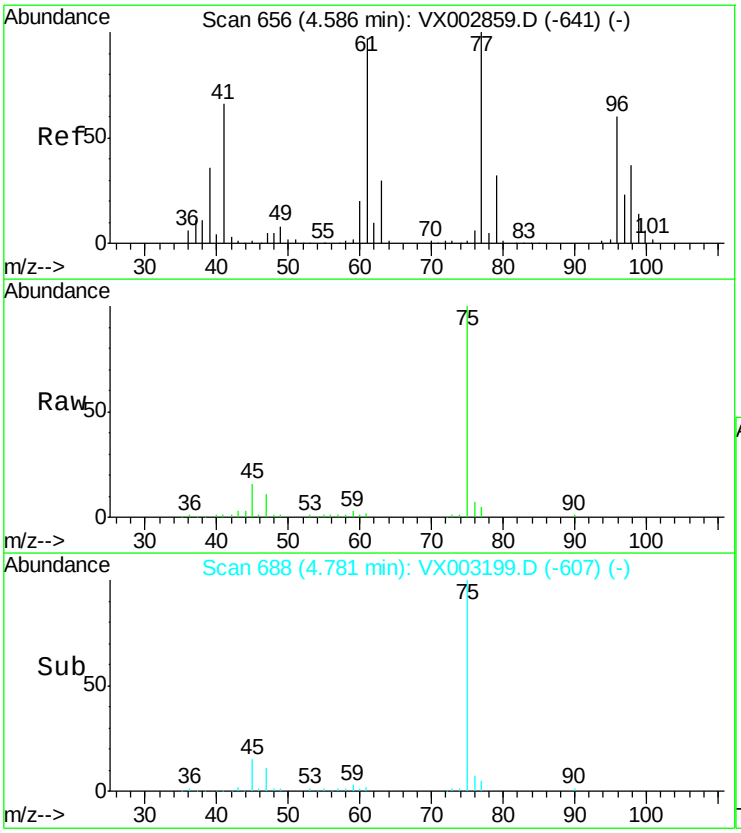
#24
1,1-Dichloroethane
Concen: 0.47 ug/l
RT: 3.70 min Scan# 511
Delta R.T. 0.01 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 2573

Ion	Ratio	Lower	Upper
63	100		
98	12.1	3.4	10.2#
100	0.0	2.0	6.0#

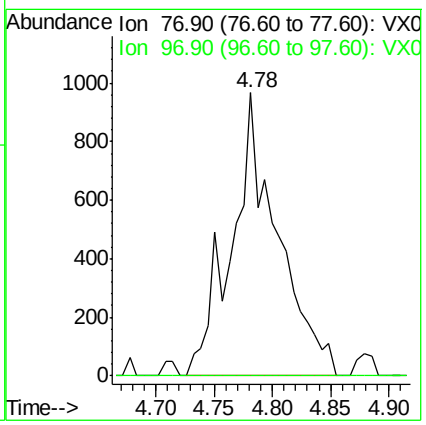


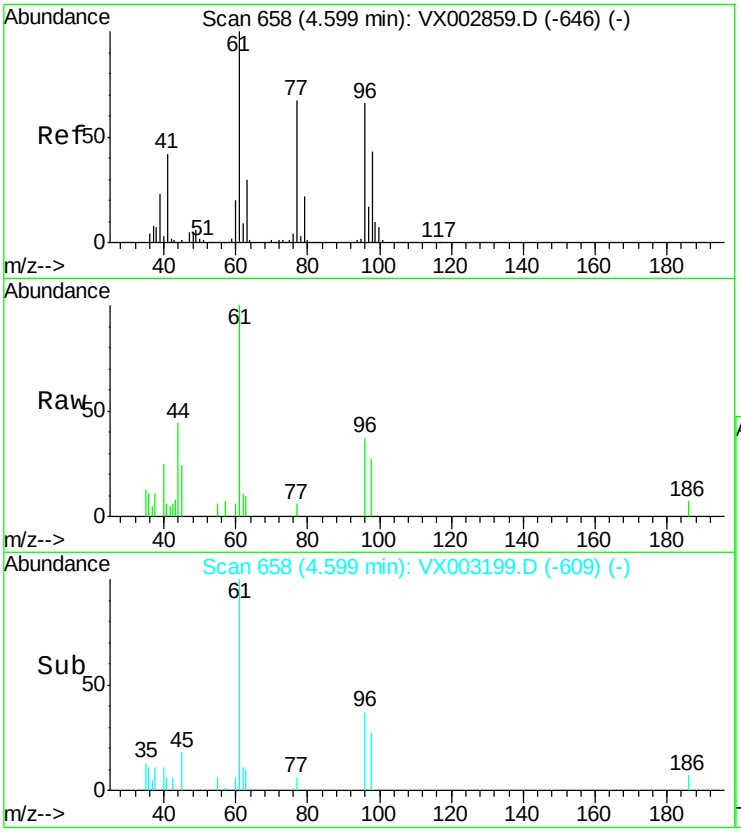


#26
2,2-Dichloropropane
Concen: 0.59 ug/l
RT: 4.78 min Scan# 688
Delta R.T. 0.19 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Tgt Ion: 77 Resp: 2650

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.2	33.5#



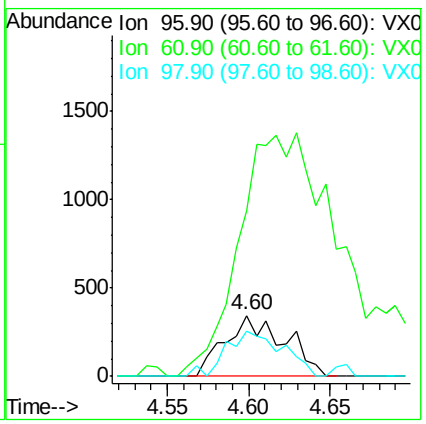


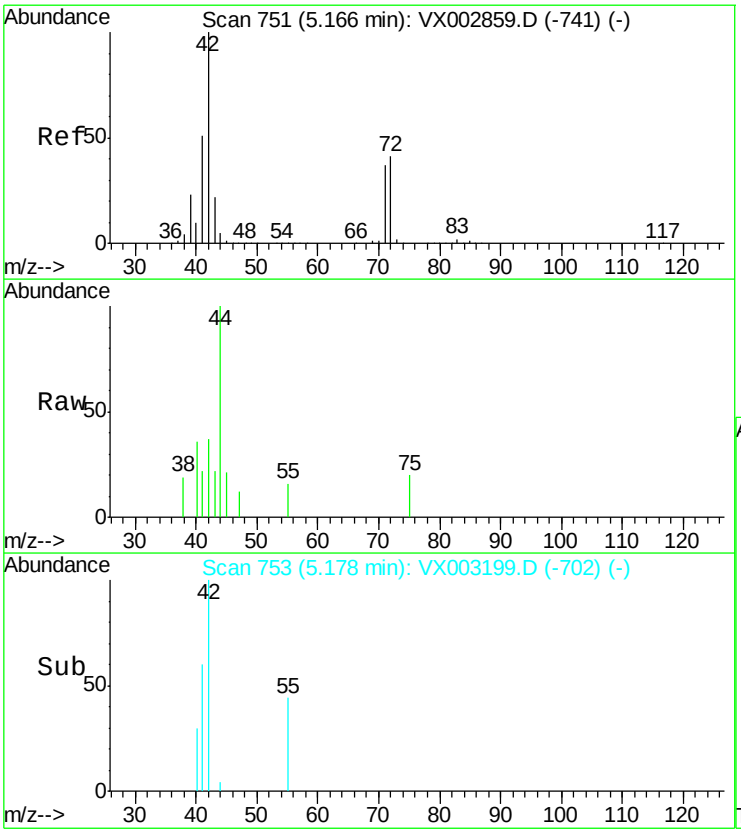
#27
cis-1,2-Dichloroethene
Concen: 0.27 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 871

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	330.2
98	71.3	0.0	130.2

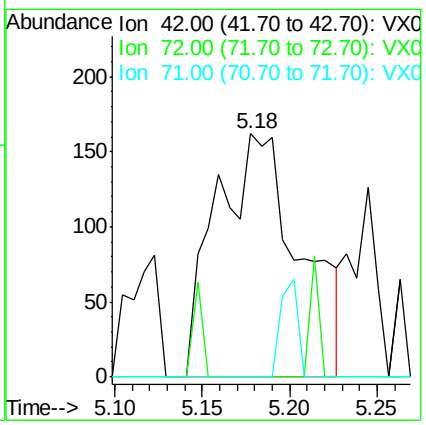


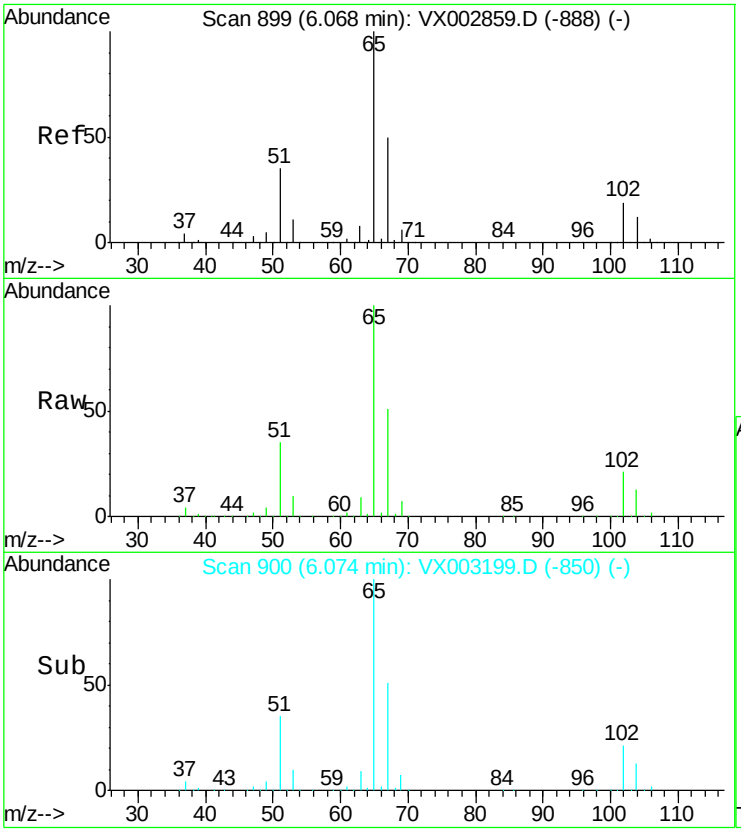


#29
Tetrahydrofuran
Concen: 0.37 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Tgt Ion: 42 Resp: 544

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	30.1	45.1#



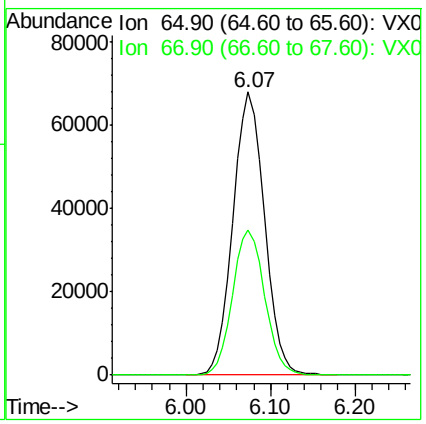


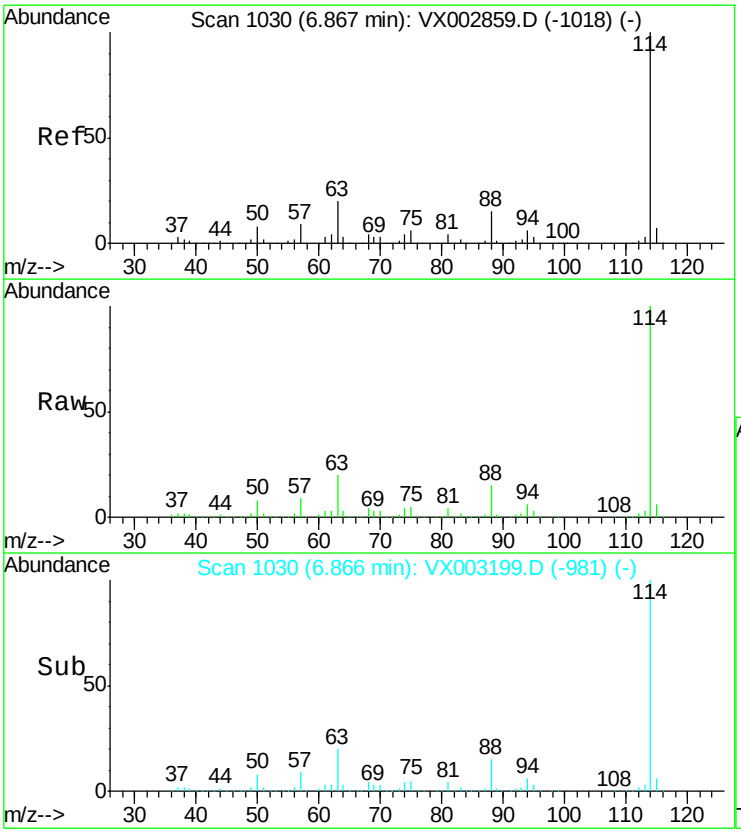
#33
1,2-Dichloroethane-d4
Concen: 46.00 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 172571

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	102.6

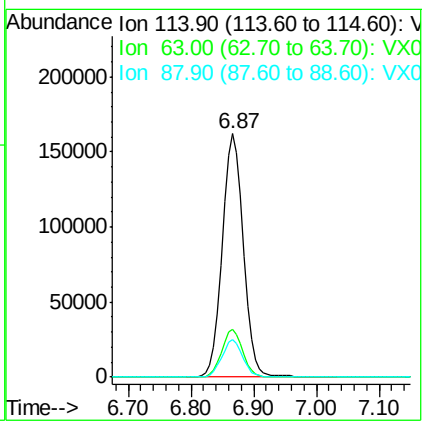


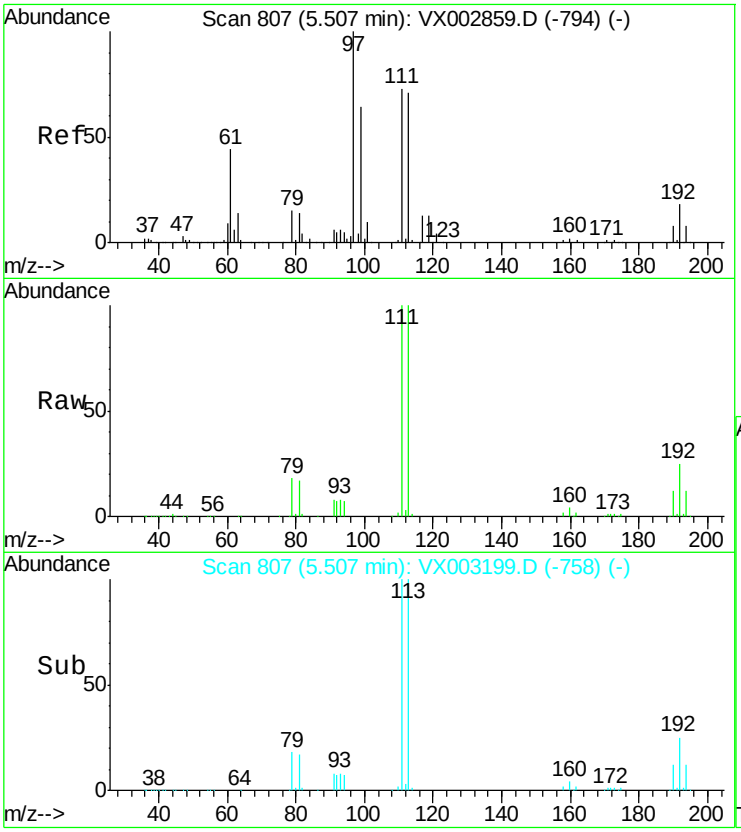


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Tgt Ion:114 Resp: 378026

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	41.4
88	15.5	0.0	30.0



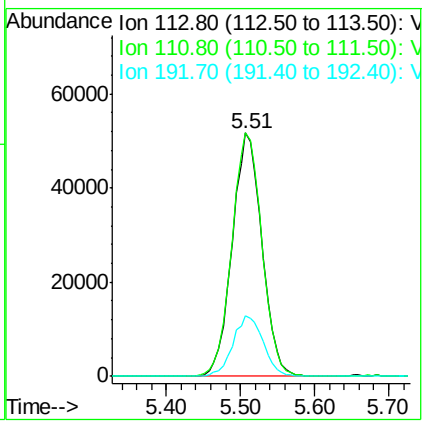


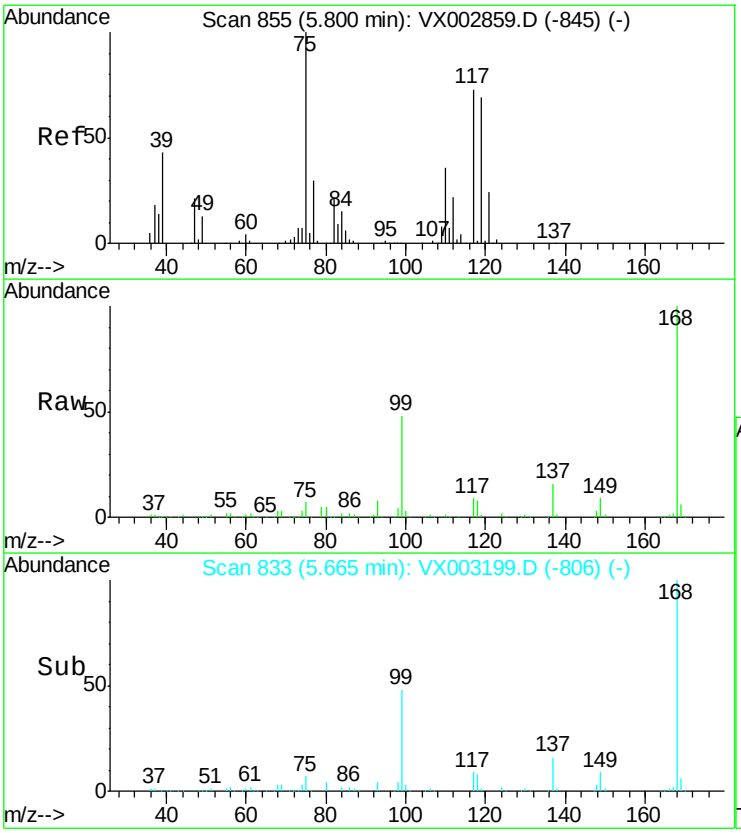
#35
Dibromofluoromethane
Concen: 48.37 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 144808

Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.4	122.0
192	25.4	19.1	28.7

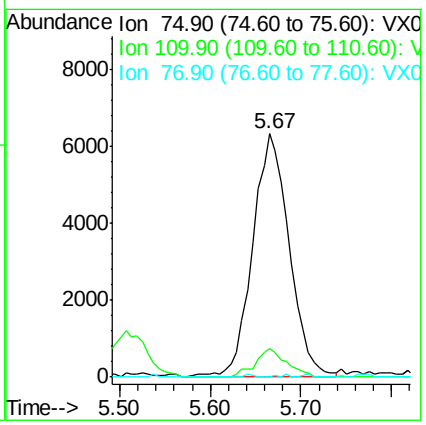


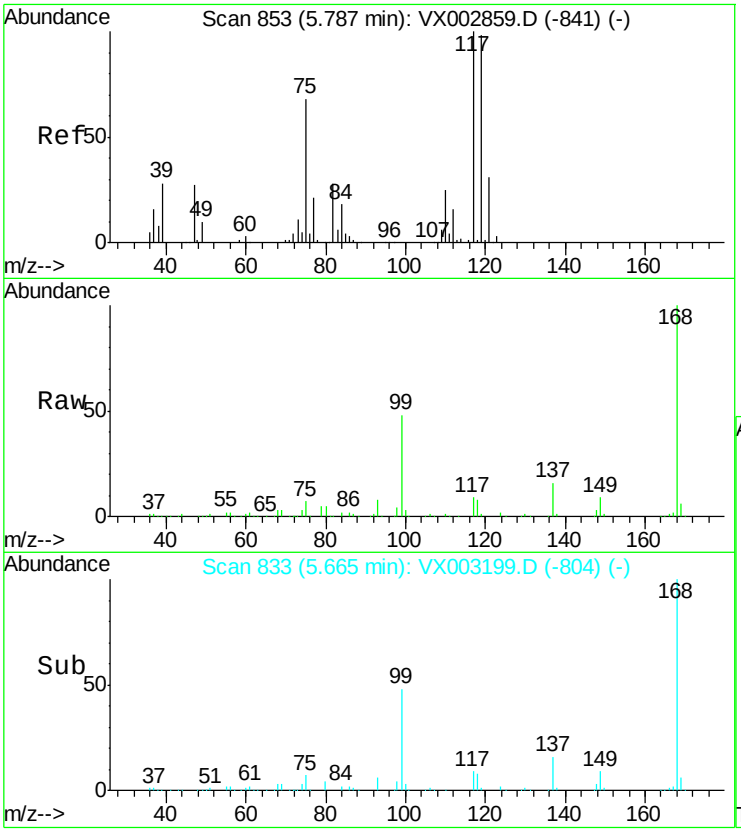


#36
1,1-Dichloropropene
Concen: 4.27 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Tgt Ion: 75 Resp: 17710

Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.4#
77	0.1	24.3	36.5#



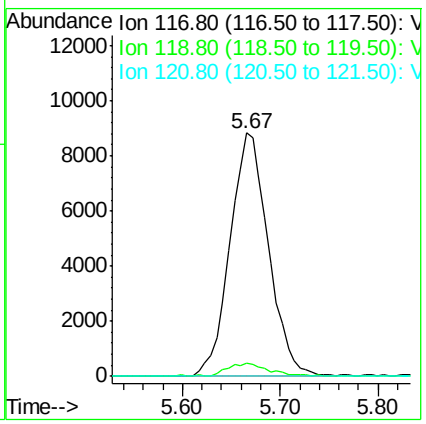


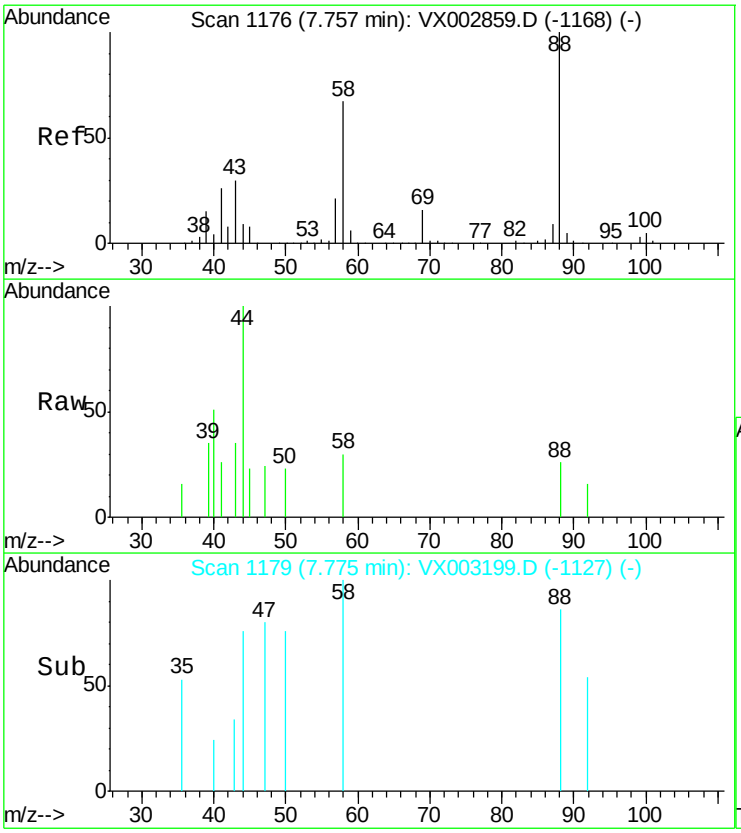
#38
Carbon Tetrachloride
Concen: 5.28 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 24026

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

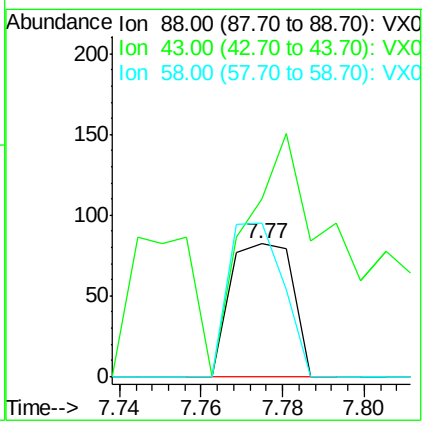


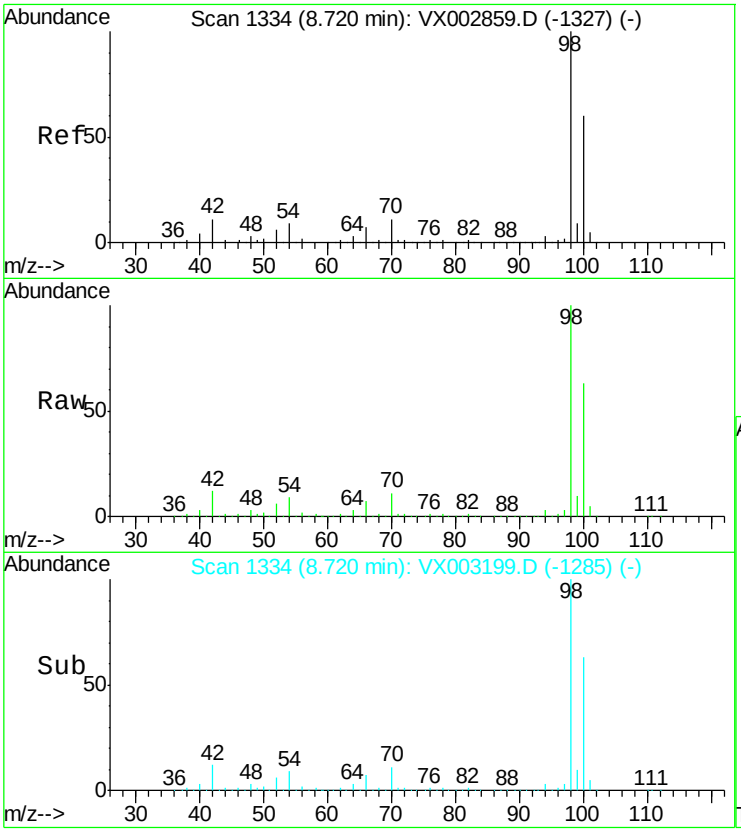


#49
1,4-Dioxane
Concen: 1.16 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. 0.02 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Tgt Ion: 88 Resp: 87

Ion	Ratio	Lower	Upper
88	100		
43	246.0	29.8	44.6#
58	102.3	57.1	85.7#



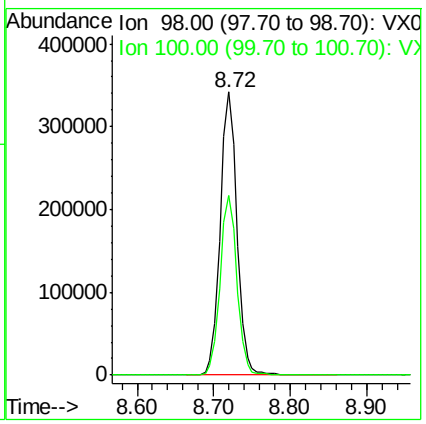


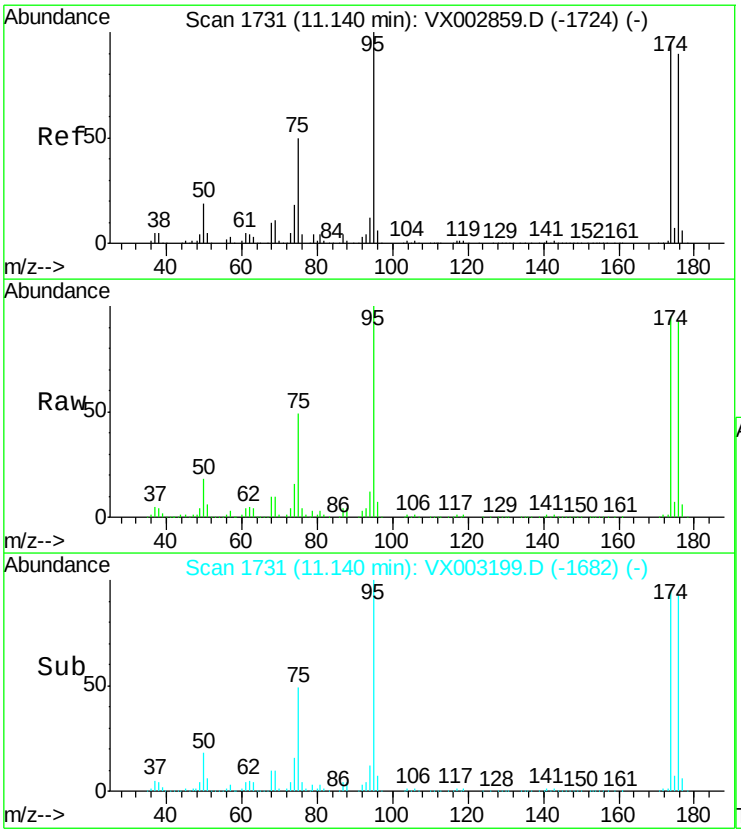
#50
Toluene-d8
Concen: 47.54 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 519705

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3

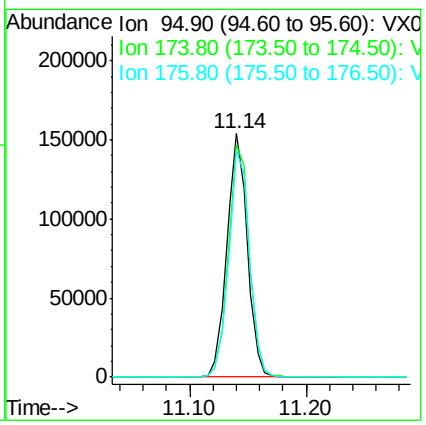


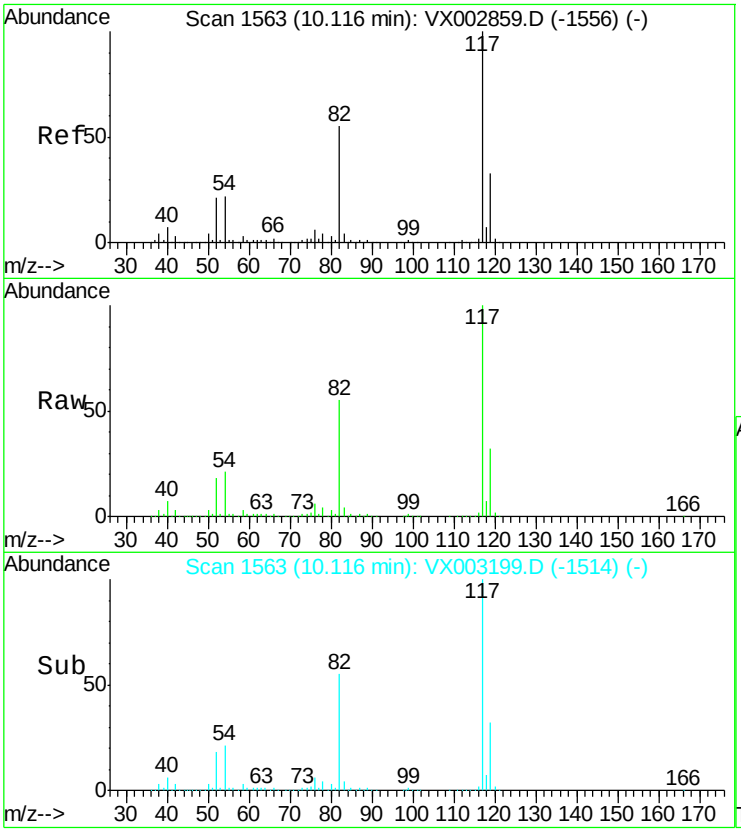


#62
4-Bromofluorobenzene
Concen: 44.43 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Tgt Ion: 95 Resp: 187323

Ion	Ratio	Lower	Upper
95	100		
174	98.6	0.0	187.4
176	95.1	0.0	181.0



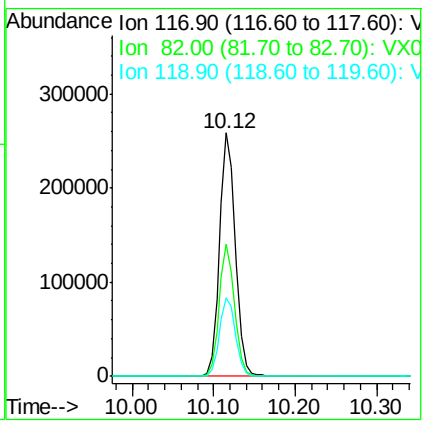


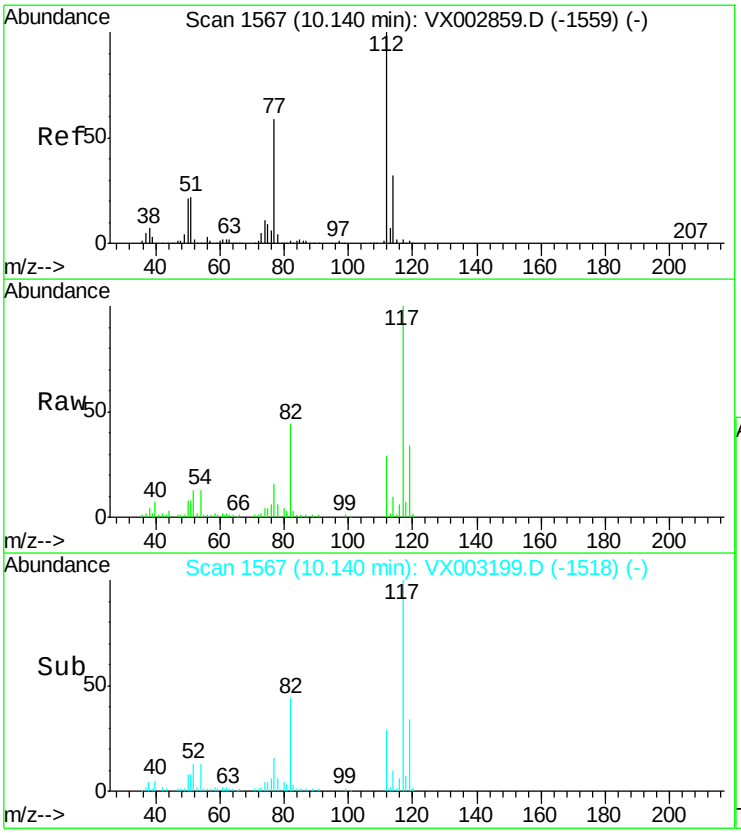
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 349178

Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.0	67.4
119	32.2	25.8	38.6

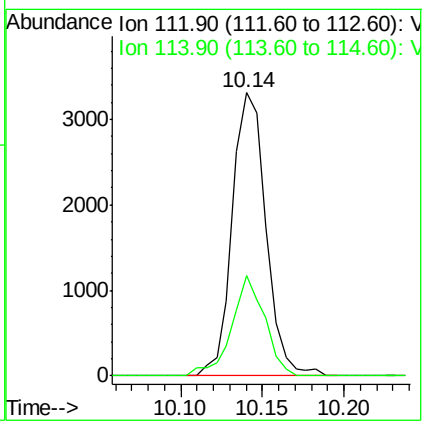


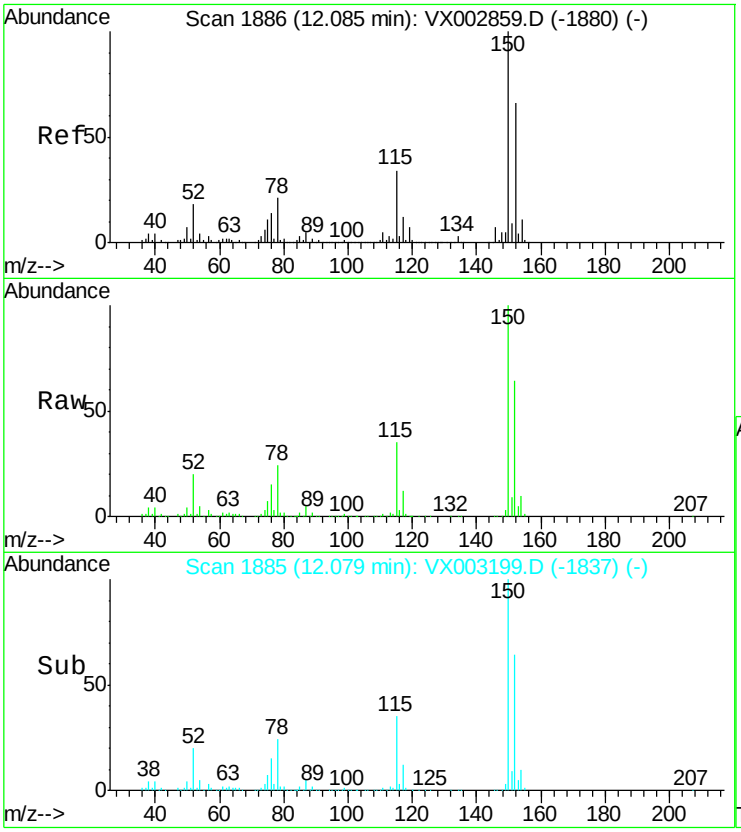


#65
Chlorobenzene
Concen: 0.54 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Tgt Ion:112 Resp: 4768

Ion	Ratio	Lower	Upper
112	100		
114	35.6	25.3	37.9



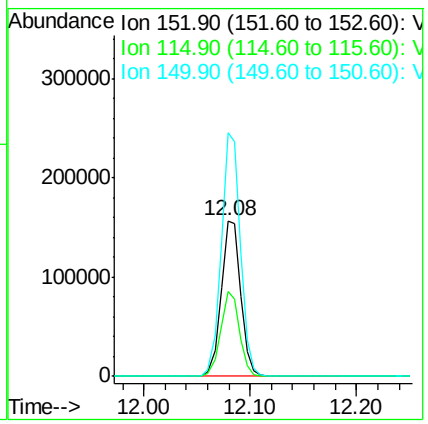


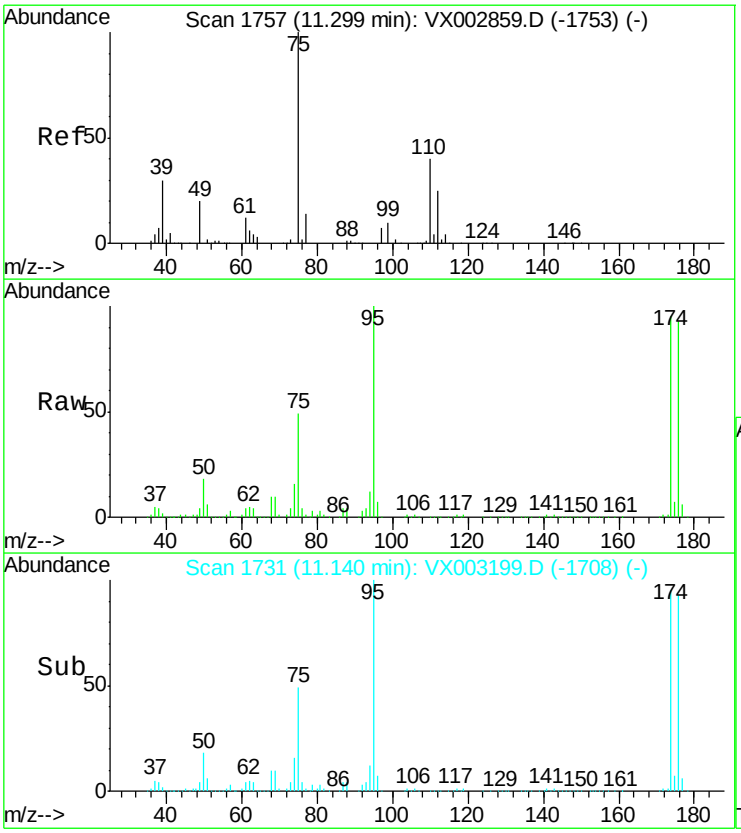
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 199077

Ion	Ratio	Lower	Upper
152	100		
115	53.1	40.1	120.2
150	153.9	0.0	347.2

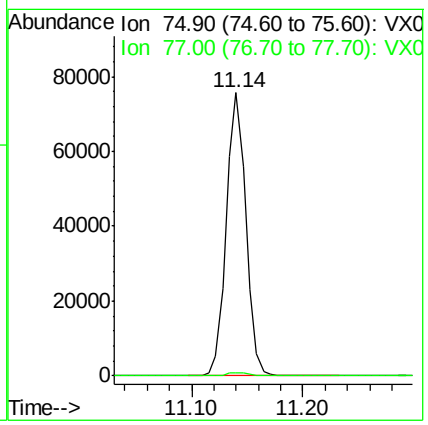


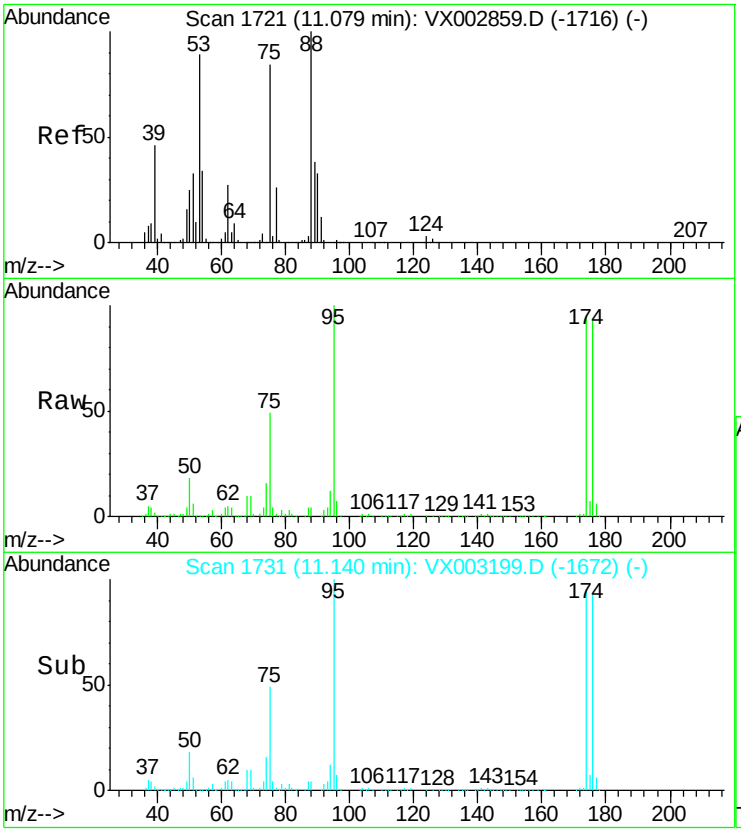


#76
1,2,3-Trichloropropane
Concen: 25.55 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Tgt Ion: 75 Resp: 92147

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#



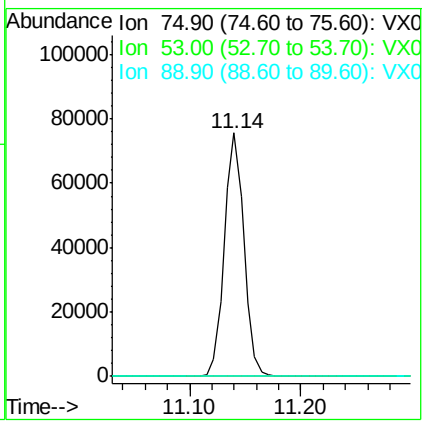


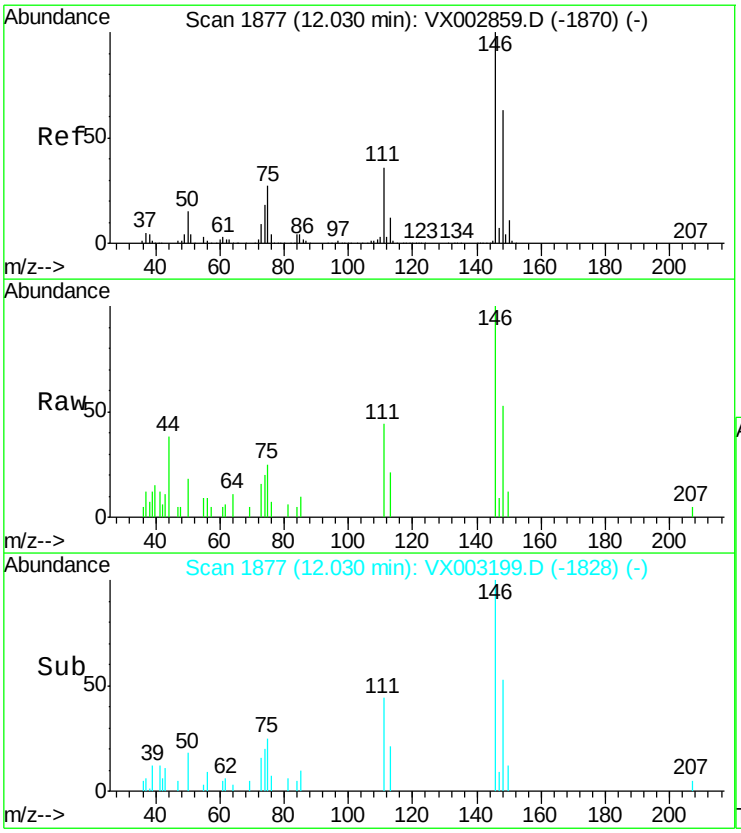
#81
trans-1,4-Dichloro-2-butene
Concen: 72.52 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 92147

Ion	Ratio	Lower	Upper
75	100		
53	0.3	86.8	130.2#
89	0.1	38.2	57.2#

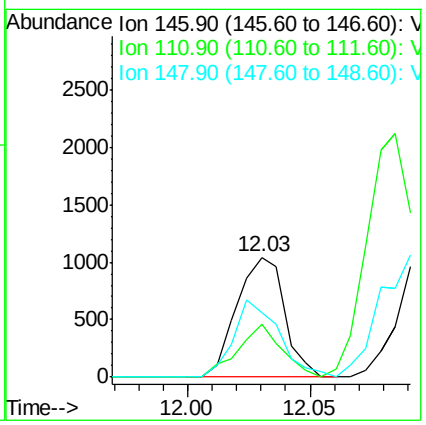


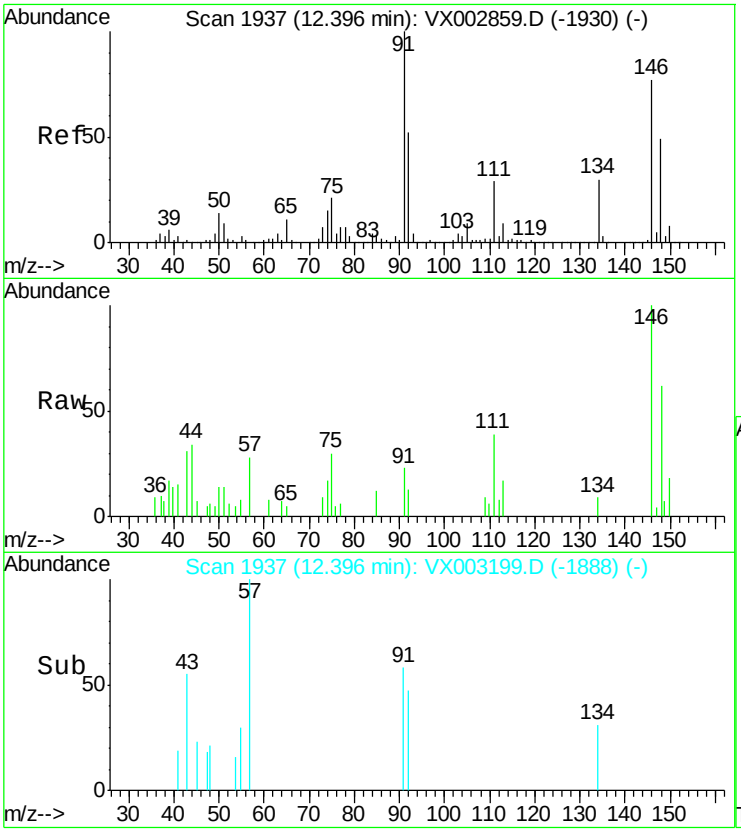


#87
1,3-Dichlorobenzene
Concen: 0.20 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Tgt Ion:146 Resp: 1416

Ion	Ratio	Lower	Upper
146	100		
111	40.4	18.9	56.7
148	60.9	32.1	96.3





#91
1,2-Dichlorobenzene
Concen: 0.22 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003199.D
Acq: 06 Jul 2018 04:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 1574

Ion	Ratio	Lower	Upper
146	100		
111	44.5	19.4	58.1
148	64.5	31.7	95.1