Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052618\
Data File : VX002025.D
Acq On : 26 May 2018 18:06
Operator : JC/MD
Sample : J3118-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 28 00:34:06 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	309987	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	432913	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	379376	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	199962	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	234438	42.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 84.62%				
35) Dibromofluoromethane	5.51	113	185896	42.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.88%				
50) Toluene-d8	8.72	98	704572	44.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.90%				
62) 4-Bromofluorobenzene	11.14	95	245017	39.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 79.92%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	257	Below Cal		#	41
4) Vinyl Chloride	1.40	62	1551	0.34	ug/l	#	87
5) Bromomethane	1.64	94	1223	Below Cal			97
10) Methyl Iodide	2.52	142	1773	0.34	ug/l	#	85
11) Tert butyl alcohol	3.08	59	421	0.39	ug/l	#	71
12) 1,1-Dichloroethene	2.38	96	26175	7.24	ug/l		96
13) Acrolein	2.28	56	174	0.37	ug/l	#	14
16) Acetone	2.45	43	4037	1.89	ug/l		92
18) Methyl Acetate	2.78	43	2140	Below Cal		#	62
19) Methyl tert-butyl Ether	3.22	73	2746	0.20	ug/l	#	83
20) Methylene Chloride	2.86	84	75	Below Cal		#	45
21) trans-1,2-Dichloroethene	3.17	96	682	Below Cal			87
24) 1,1-Dichloroethane	3.70	63	3609	0.49	ug/l	#	85
27) cis-1,2-Dichloroethene	4.61	96	52227	11.08	ug/l		99
28) Bromochloromethane	5.01	49	76	Below Cal		#	14
31) Cyclohexane	5.68	56	6372	0.83	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	21546	3.58	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	29240	4.16	ug/l	#	15
41) Methacrylonitrile	5.06	41	127	Below Cal		#	1
42) 1,2-Dichloroethane	6.21	62	2118	0.30	ug/l	#	76
44) Trichloroethene	7.21	130	20806	4.05	ug/l		96
49) 1,4-Dioxane	7.77	88	739	6.30	ug/l	#	46
60) Dibromochloromethane	9.34	129	51573	9.28	ug/l	#	11
64) Tetrachloroethene	9.34	164	56448	10.38	ug/l		97
74) N-amyl acetate	6.48	43	378	Below Cal		#	59
75) 1,1,2,2-Tetrachloroethane	11.26	83	130	Below Cal		#	25
76) 1,2,3-Trichloropropane	11.14	75	128389	26.73	ug/l	#	33
79) 2-Chlorotoluene	11.43	91	467	Below Cal			90
81) trans-1,4-Dichloro-2-buten	11.14	75	128389	64.25	ug/l	#	10

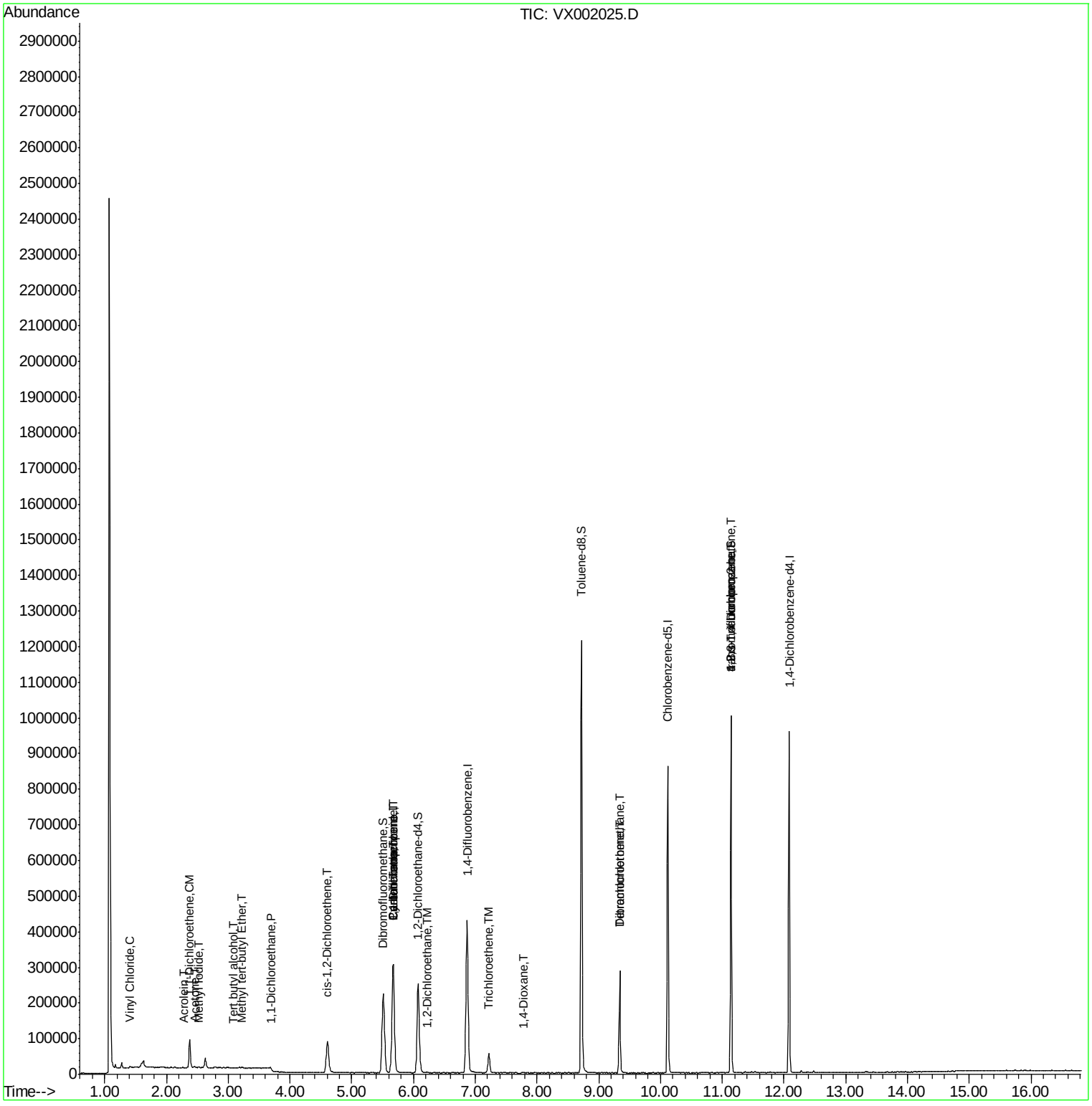
(#) = qualifier out of range (m) = manual integration (+) = signals summed

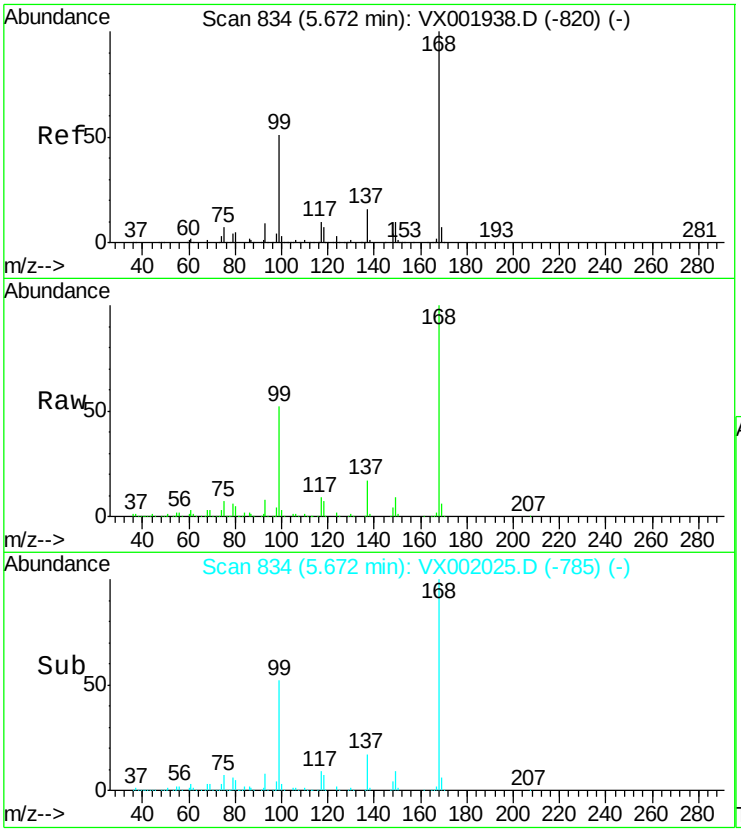
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052618\
Data File : VX002025.D
Acq On : 26 May 2018 18:06
Operator : JC/MD
Sample : J3118-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 28 00:34:06 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration



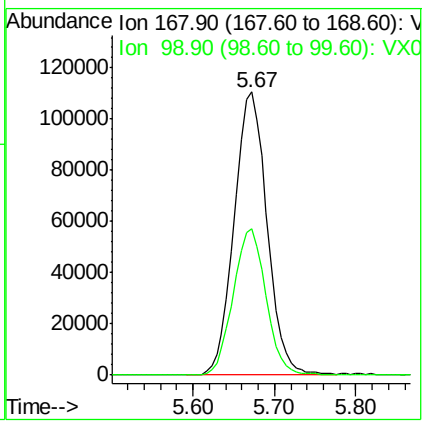


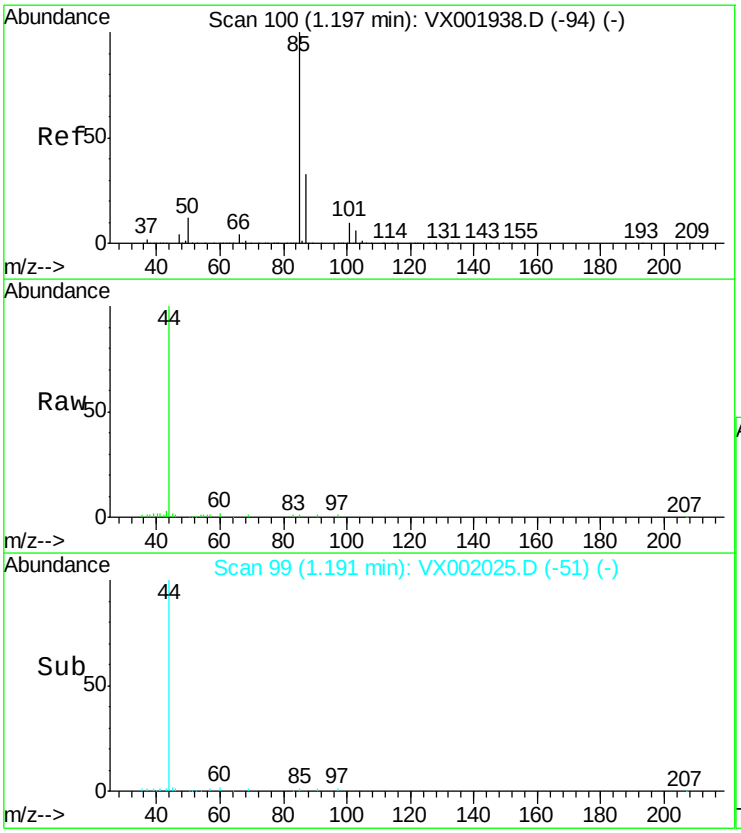
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 309987

Ion	Ratio	Lower	Upper
168	100		
99	51.6	41.0	61.4

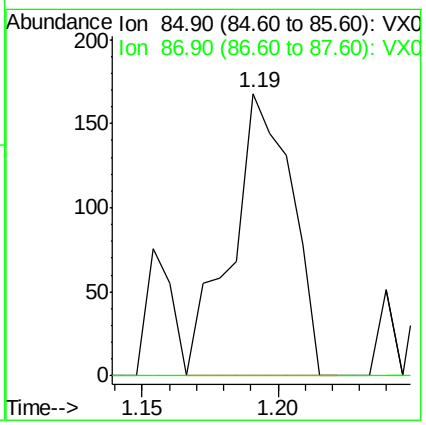


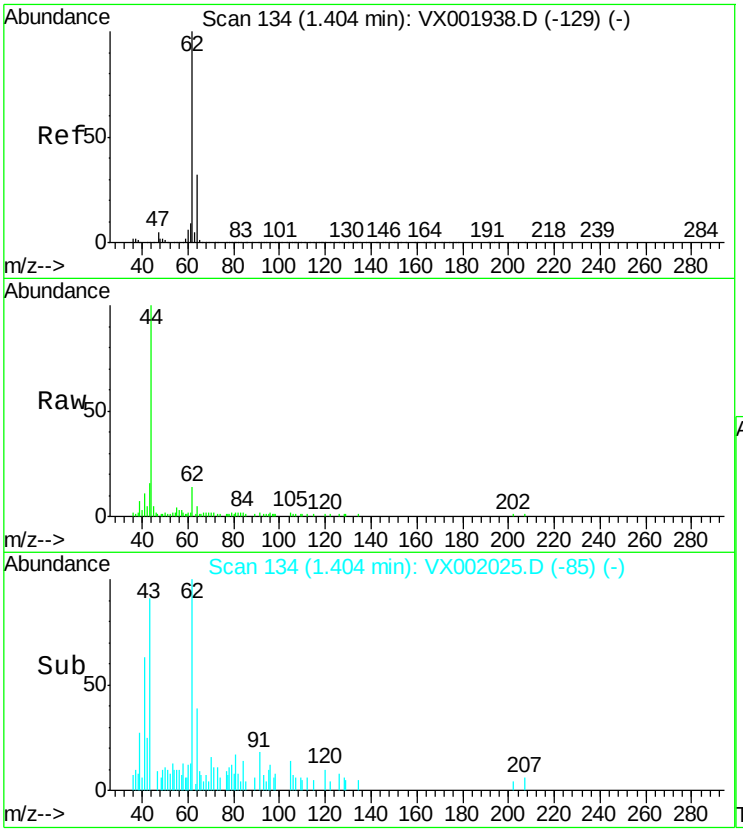


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.19 min Scan# 99
Delta R.T. -0.01 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Tgt Ion: 85 Resp: 257

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



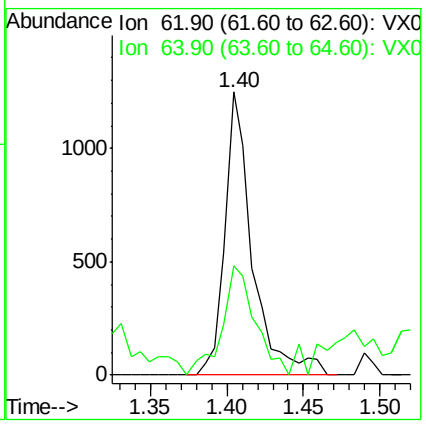


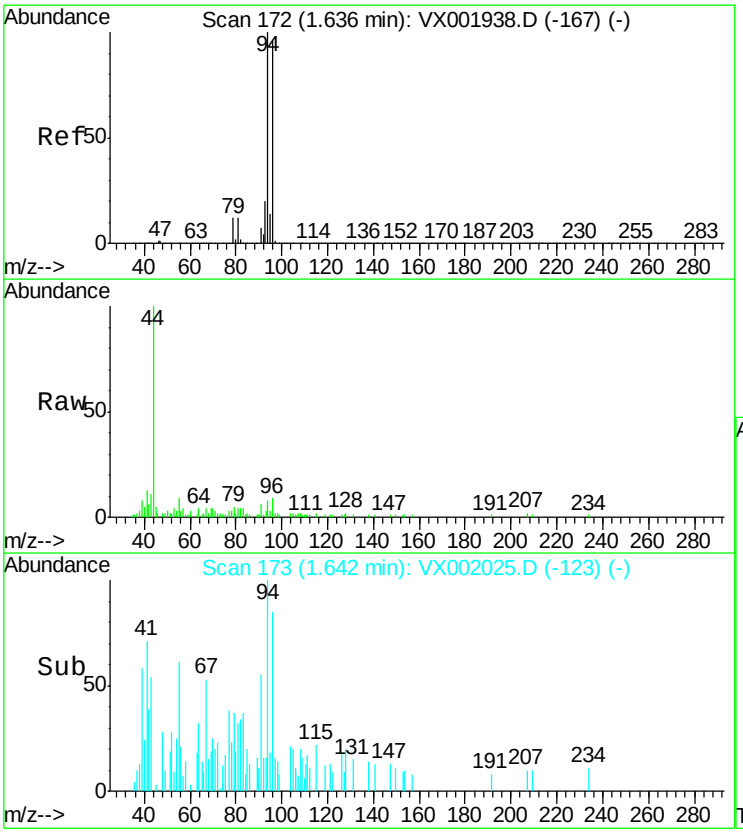
#4
Vinyl Chloride
Concen: 0.34 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 1551

Ion	Ratio	Lower	Upper
62	100		
64	38.9	25.4	38.0#

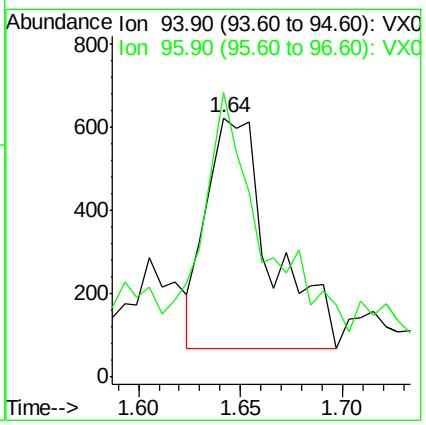


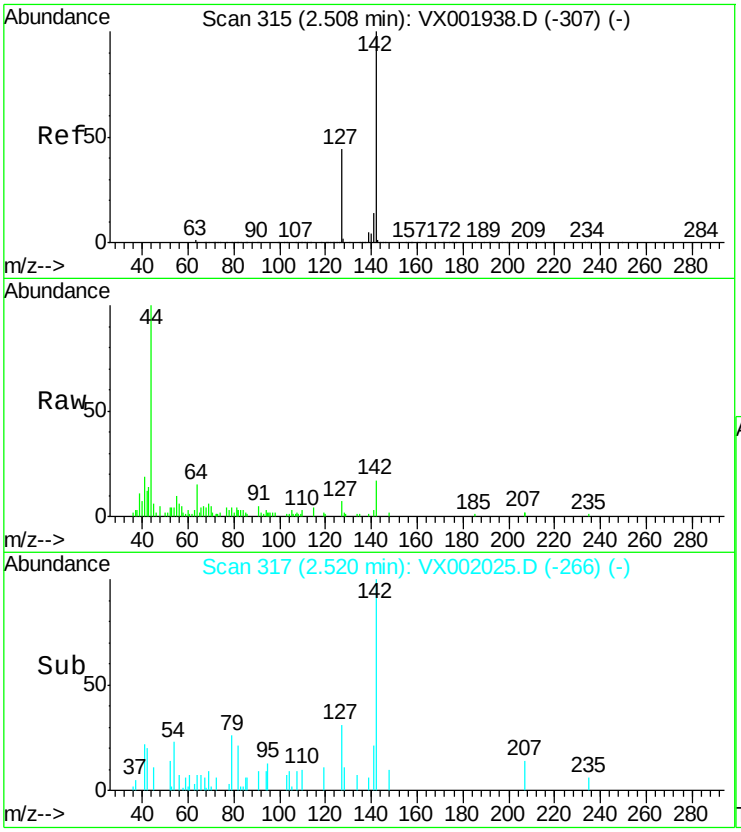


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 173
Delta R.T. 0.01 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Tgt Ion: 94 Resp: 1223

Ion	Ratio	Lower	Upper
94	100		
96	91.9	75.9	113.9



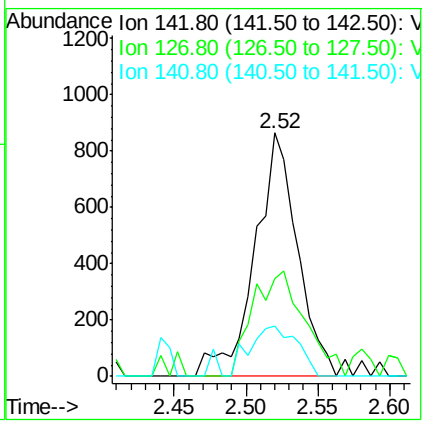


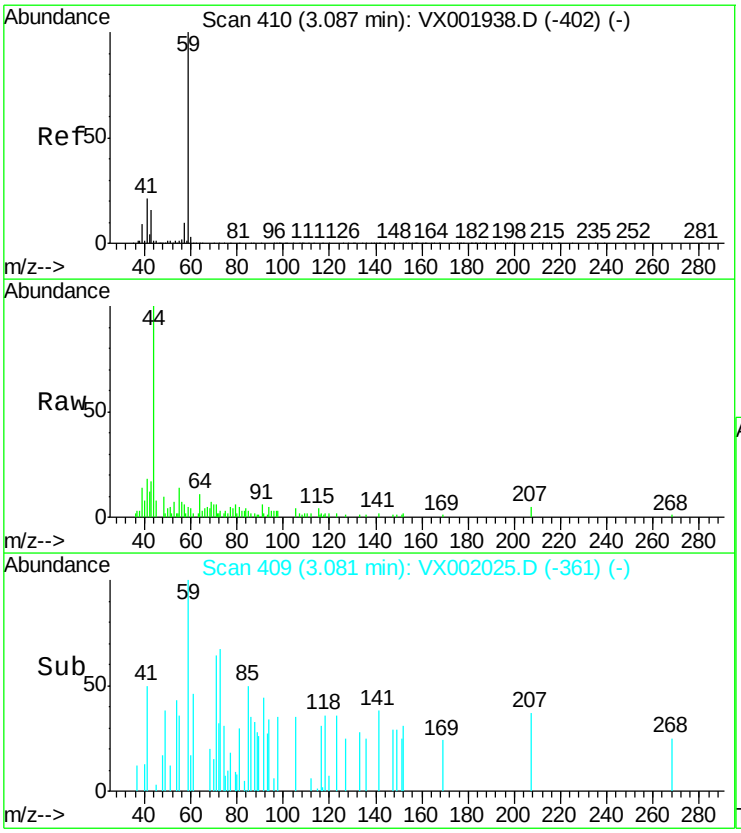
#10
Methyl Iodide
Concen: 0.34 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1773

Ion	Ratio	Lower	Upper
142	100		
127	52.8	35.5	53.3
141	23.1	11.3	16.9#

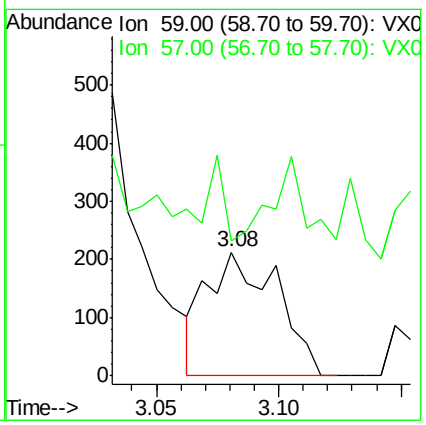


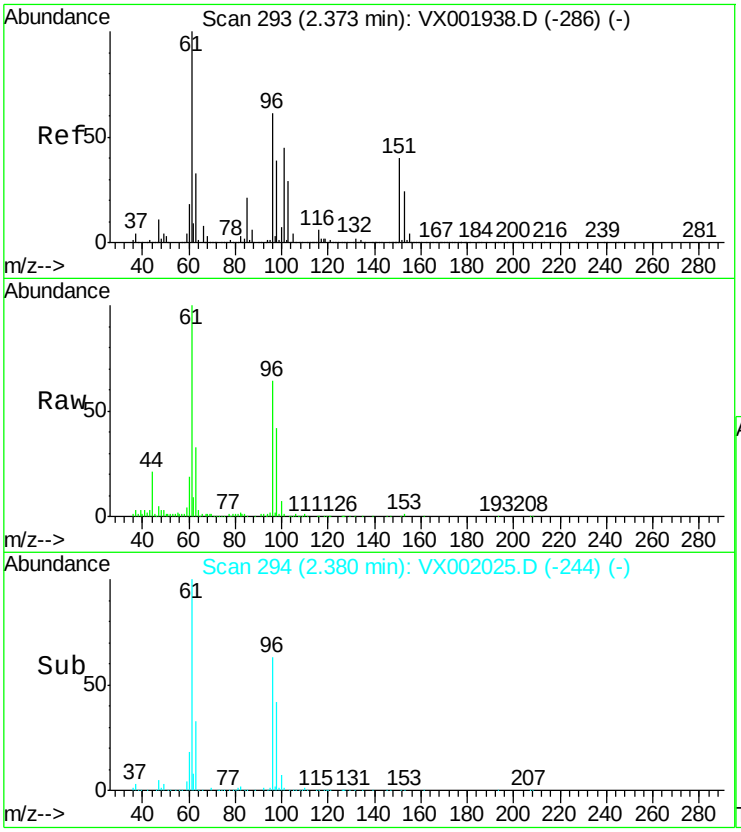


#11
Tert butyl alcohol
Concen: 0.39 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Tgt Ion: 59 Resp: 421

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.9	13.3#



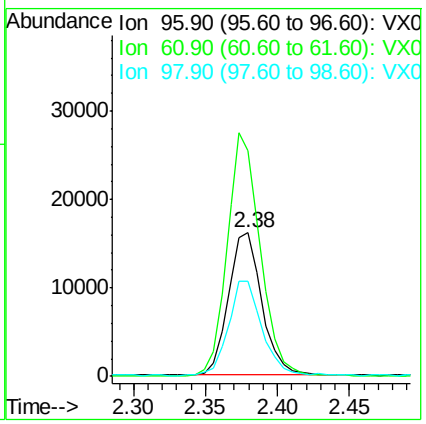


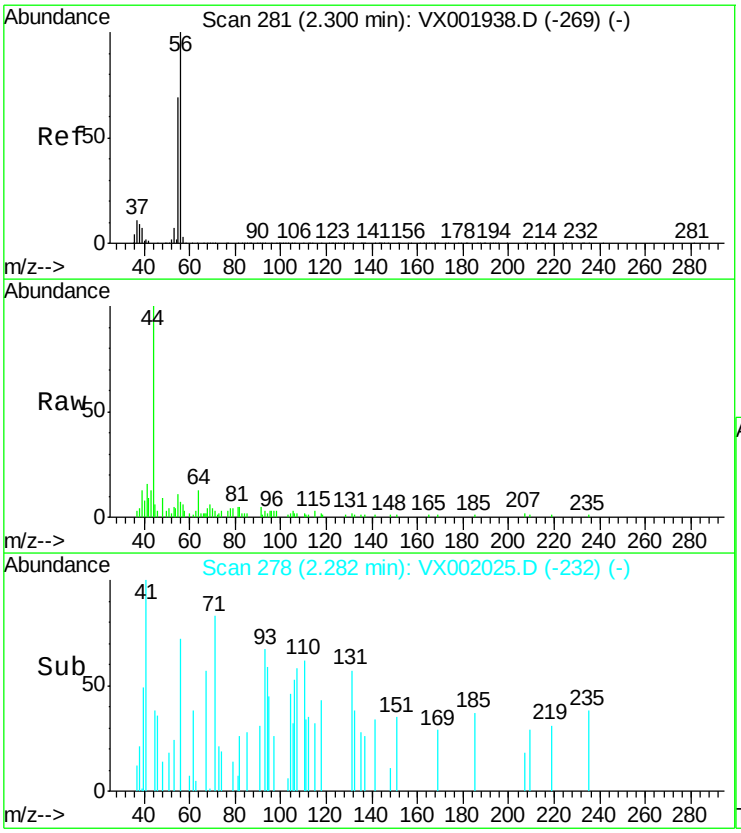
#12
1,1-Dichloroethene
Concen: 7.24 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 26175

Ion	Ratio	Lower	Upper
96	100		
61	158.2	131.7	197.5
98	65.7	51.6	77.4

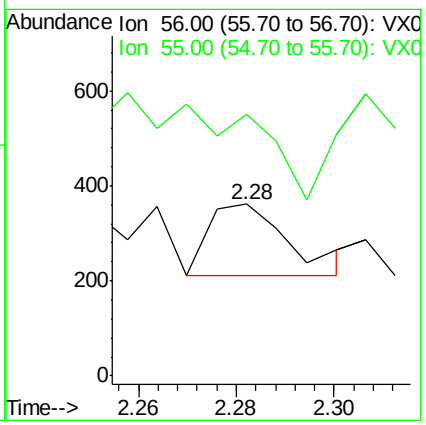


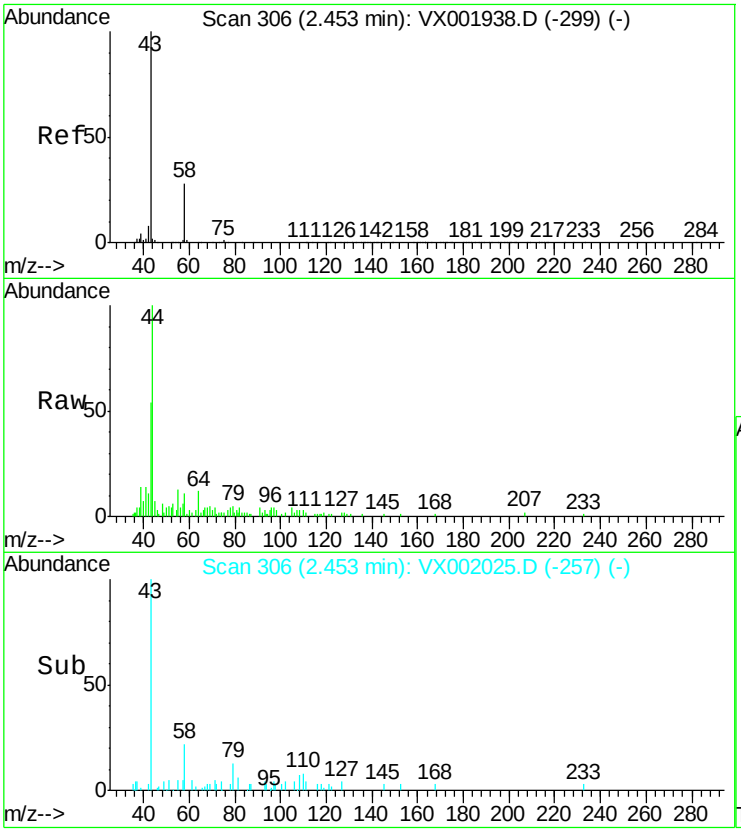


#13
Acrolein
Concen: 0.37 ug/l
RT: 2.28 min Scan# 278
Delta R.T. -0.02 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Tgt Ion: 56 Resp: 174

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.8	85.2#



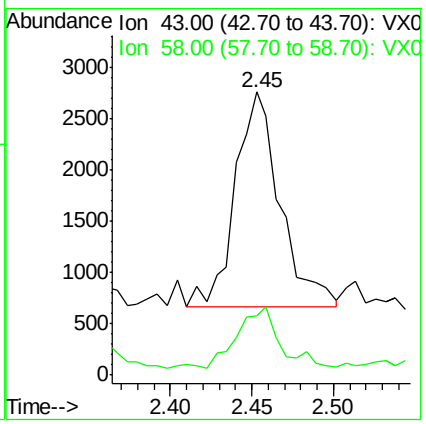


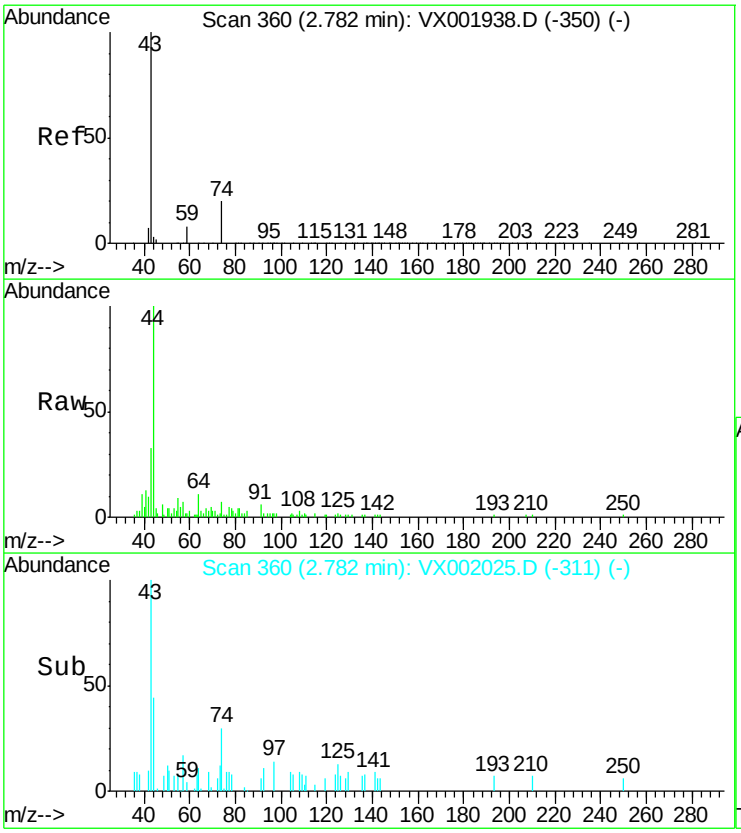
#16
Acetone
Concen: 1.89 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 4037

Ion	Ratio	Lower	Upper
43	100		
58	23.6	22.3	33.5

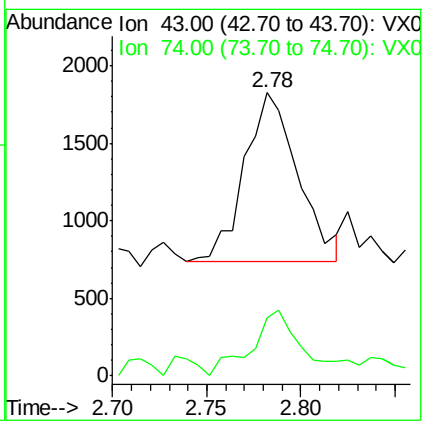


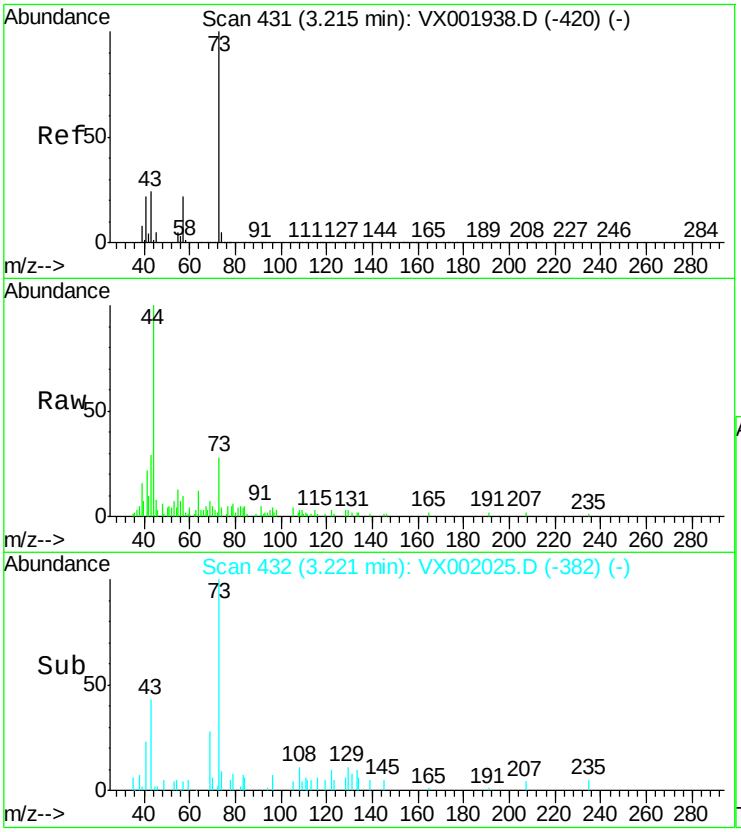


#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Tgt Ion: 43 Resp: 2140

Ion	Ratio	Lower	Upper
43	100		
74	38.8	16.8	25.2#



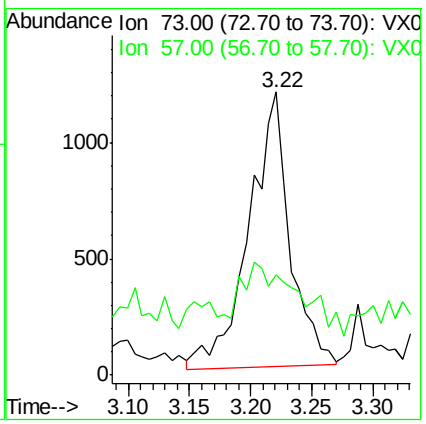


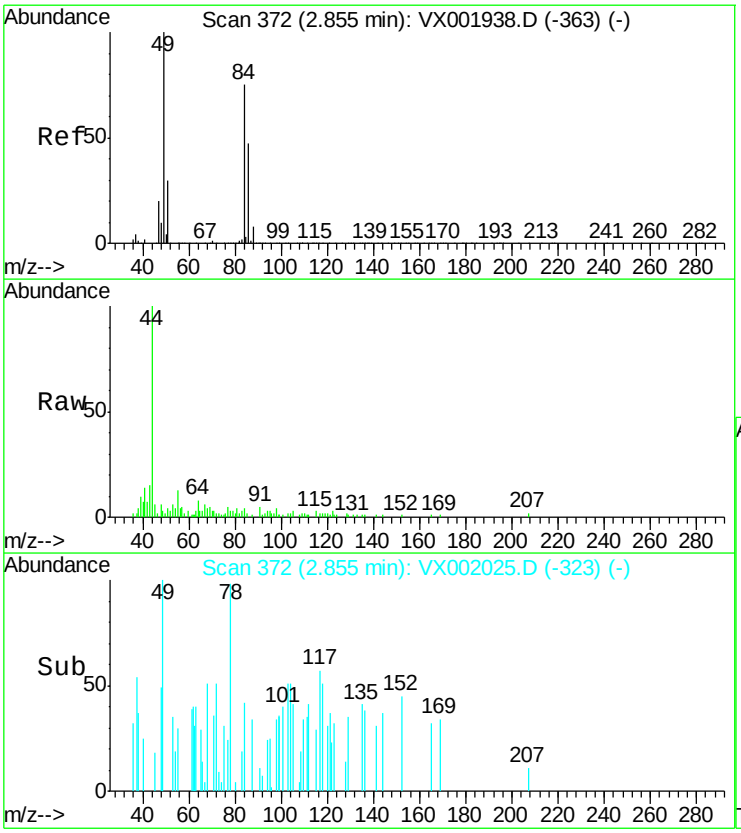
#19
Methyl tert-butyl Ether
Concen: 0.20 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 2746

Ion	Ratio	Lower	Upper
73	100		
57	13.6	17.4	26.0#

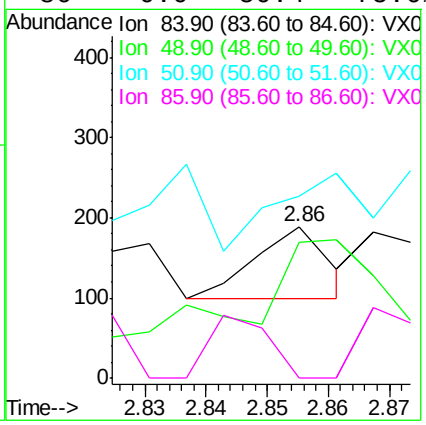


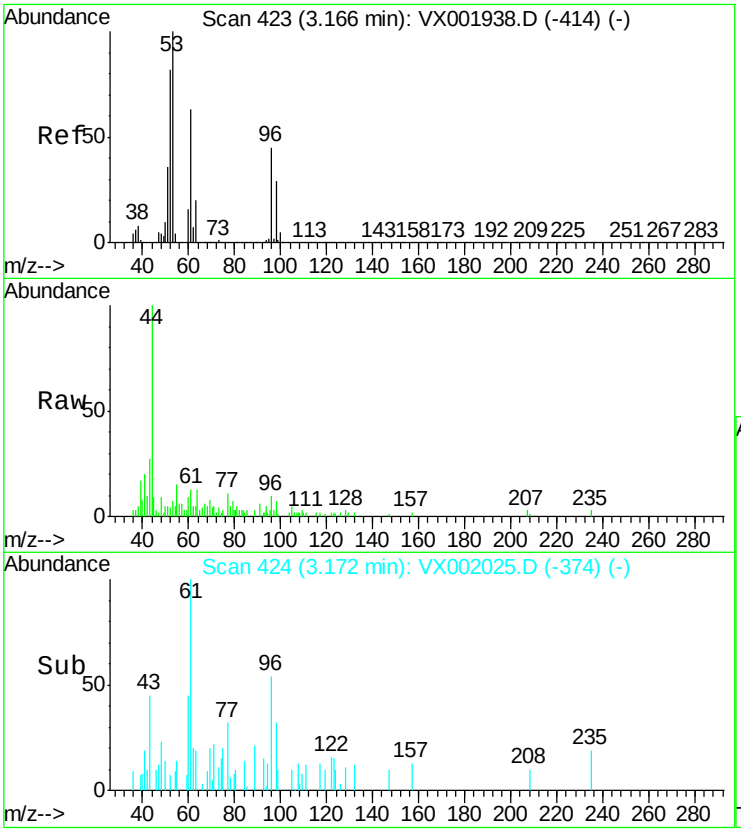


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Tgt Ion: 84 Resp: 75

Ion	Ratio	Lower	Upper
84	100		
49	87.8	107.2	160.8#
51	0.0	32.4	48.6#
86	0.0	50.4	75.6#



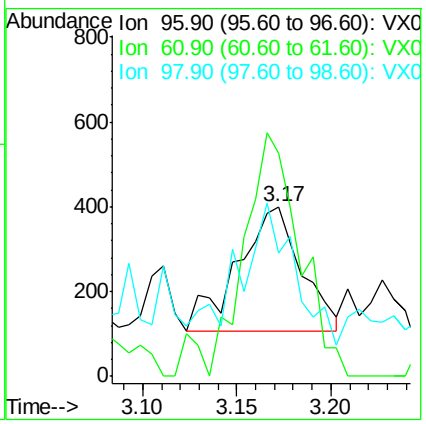


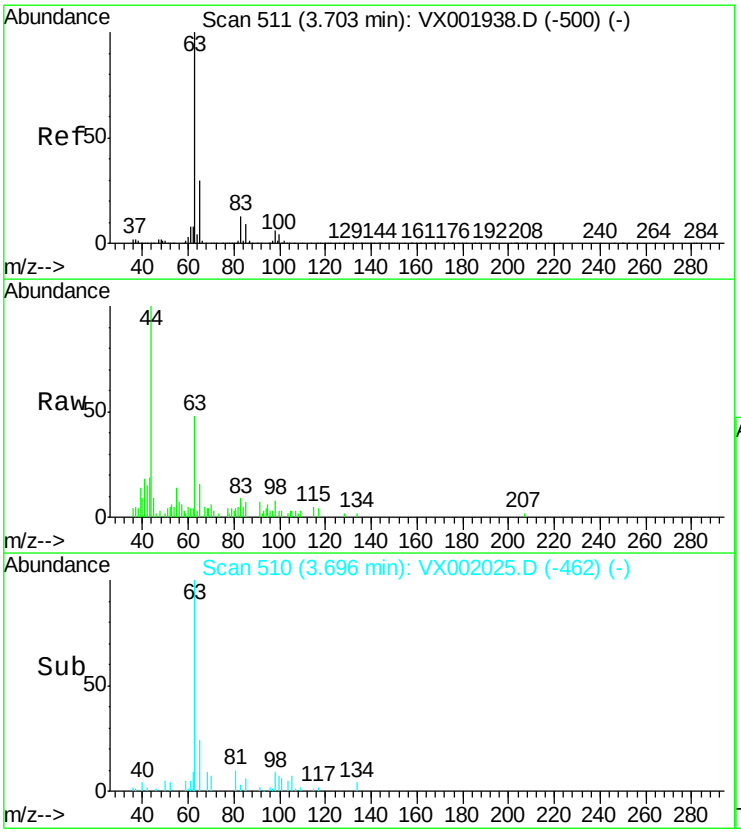
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 682

Ion	Ratio	Lower	Upper
96	100		
61	157.2	113.3	169.9
98	74.7	51.7	77.5

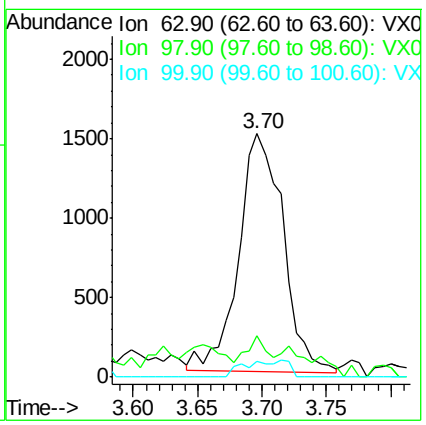


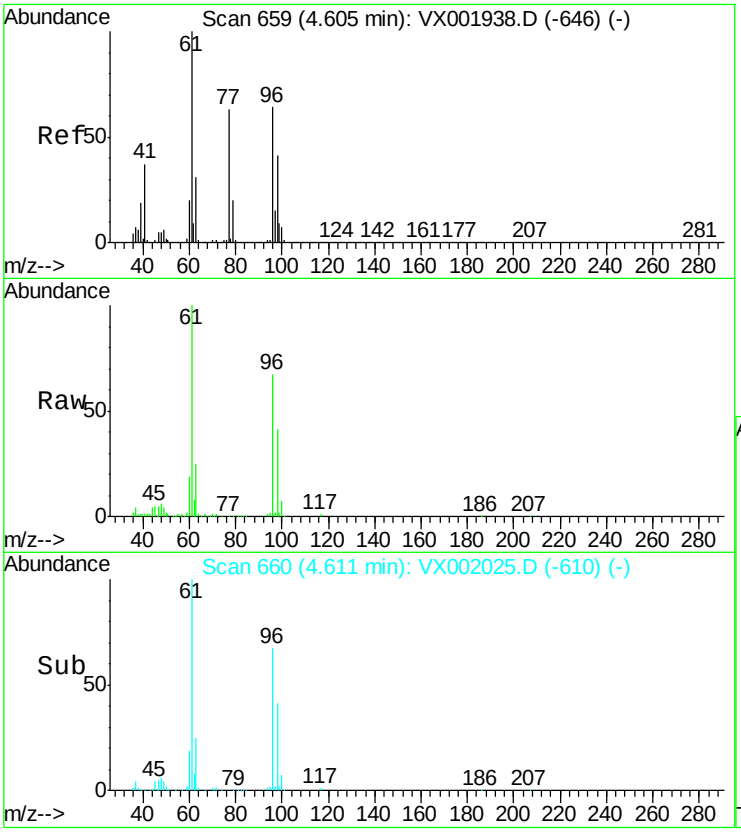


#24
1,1-Dichloroethane
Concen: 0.49 ug/l
RT: 3.70 min Scan# 510
Delta R.T. -0.01 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Tgt Ion: 63 Resp: 3609

Ion	Ratio	Lower	Upper
63	100		
98	13.1	3.3	9.8#
100	6.9	2.1	6.5#



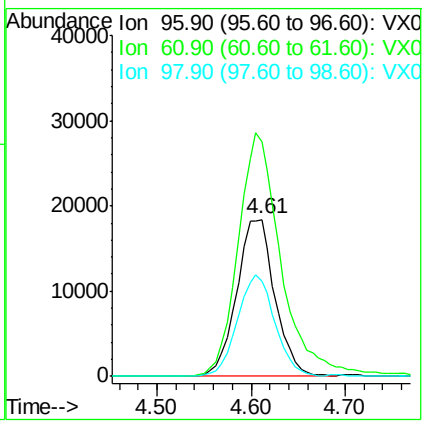


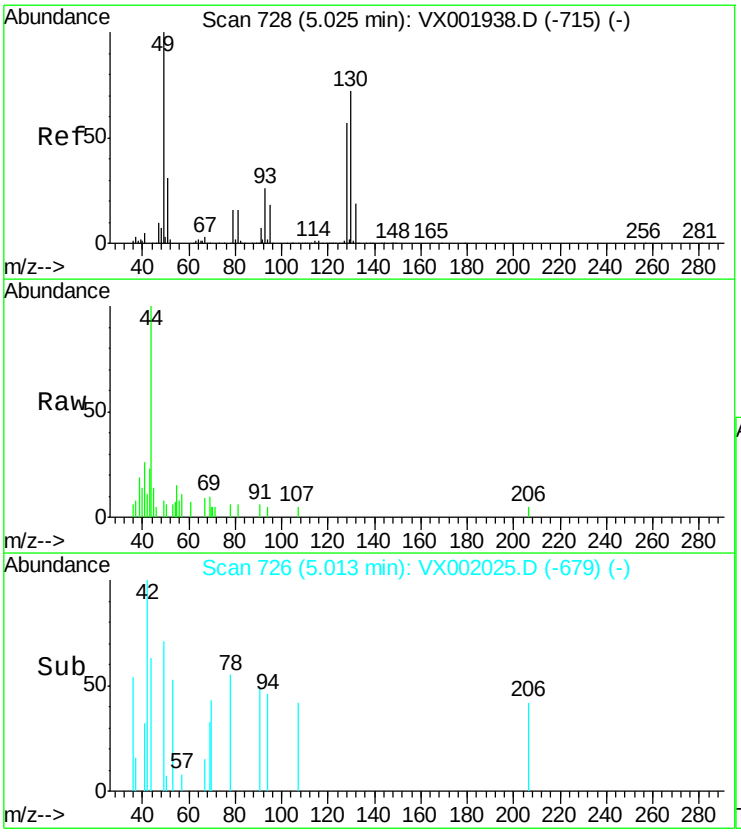
#27
cis-1,2-Dichloroethene
Concen: 11.08 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 52227

Ion	Ratio	Lower	Upper
96	100		
61	175.2	0.0	348.4
98	63.7	0.0	128.6

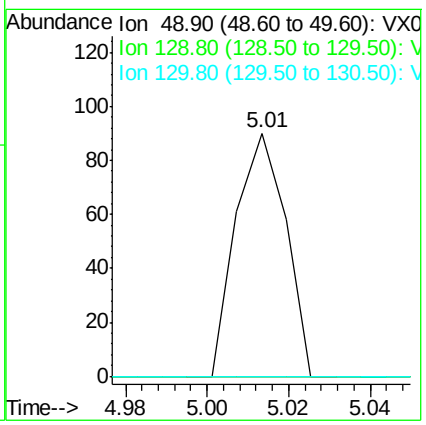


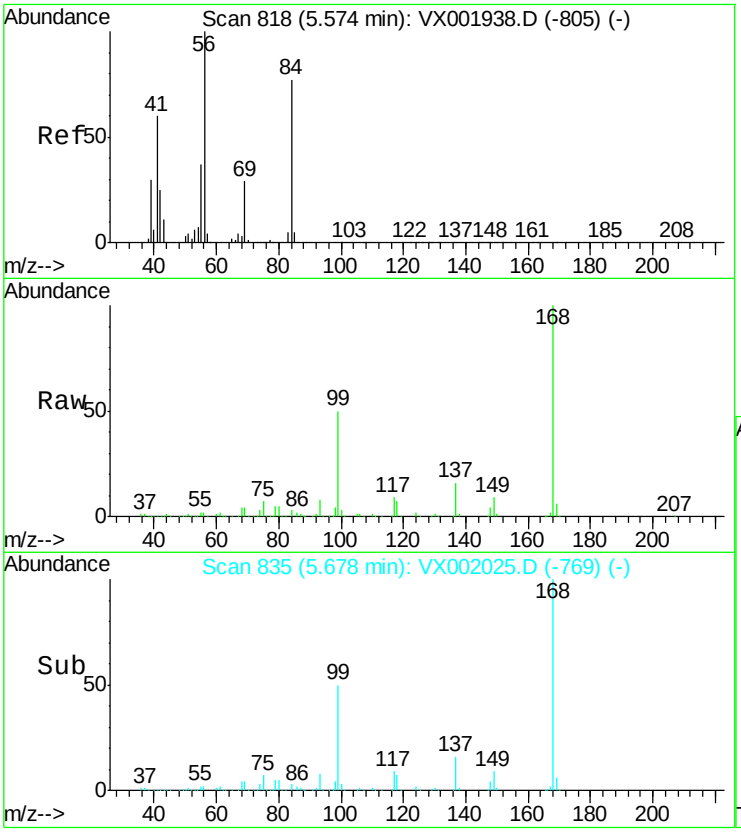


#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 726
Delta R.T. -0.01 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Tgt Ion: 49 Resp: 76

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	59.4	89.2#



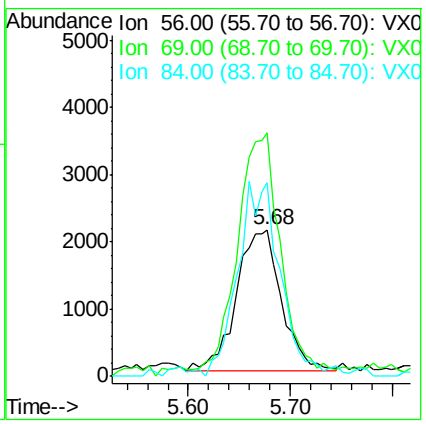


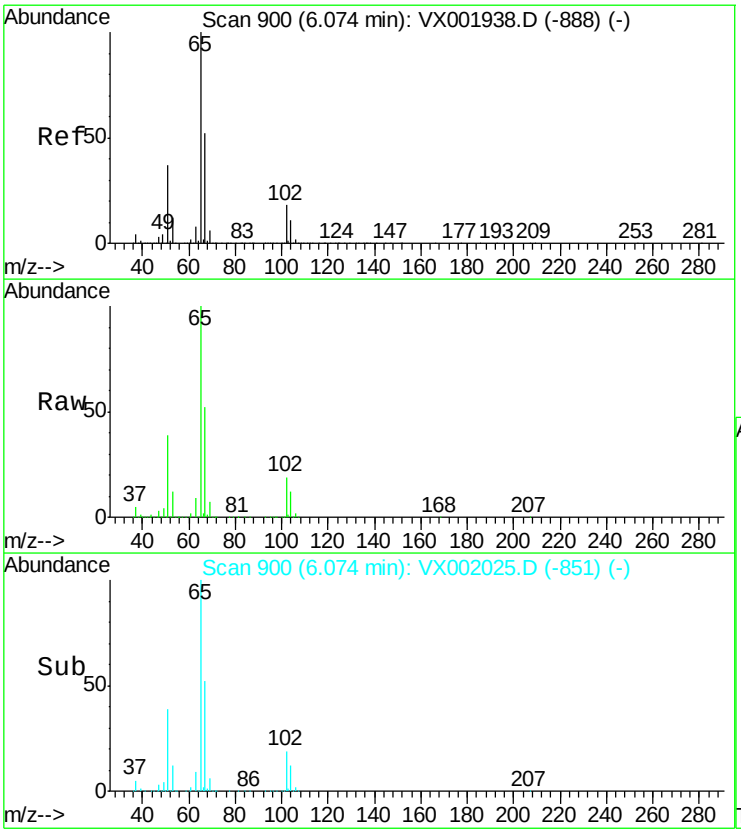
#31
Cyclohexane
Concen: 0.83 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.10 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 6372

Ion	Ratio	Lower	Upper
56	100		
69	170.3	23.1	34.7#
84	136.1	62.0	93.0#

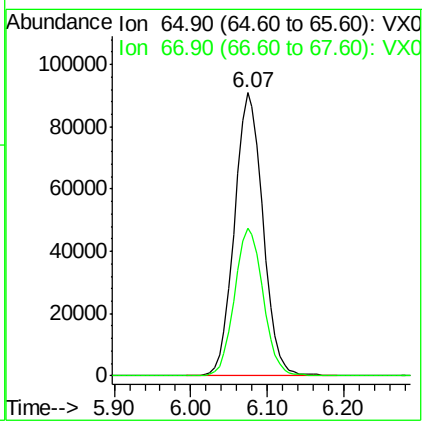


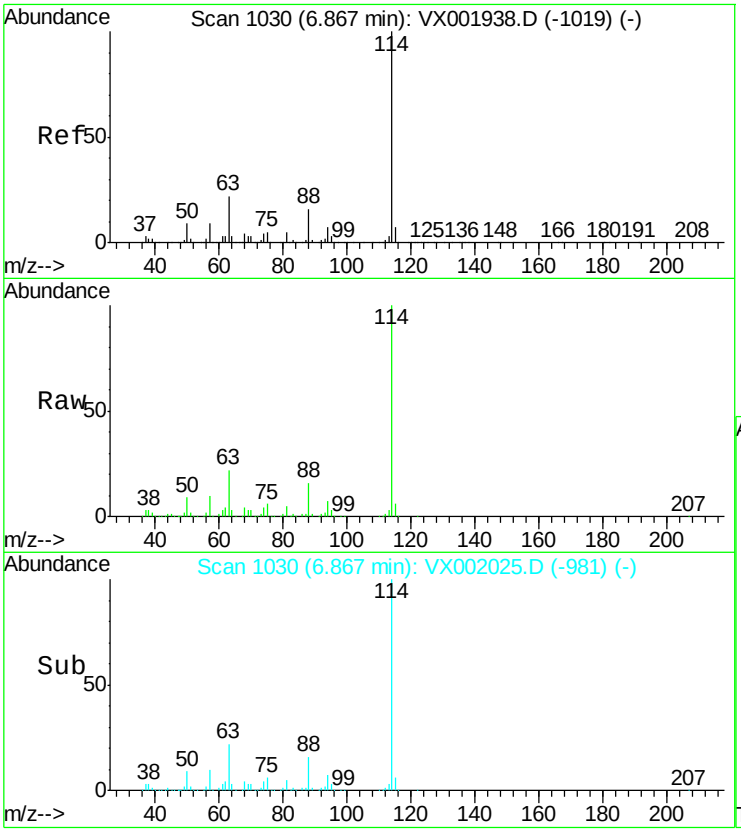


#33
1,2-Dichloroethane-d4
Concen: 42.31 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Tgt Ion: 65 Resp: 234438

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.0



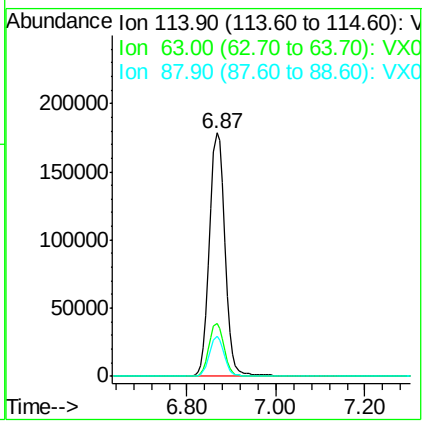


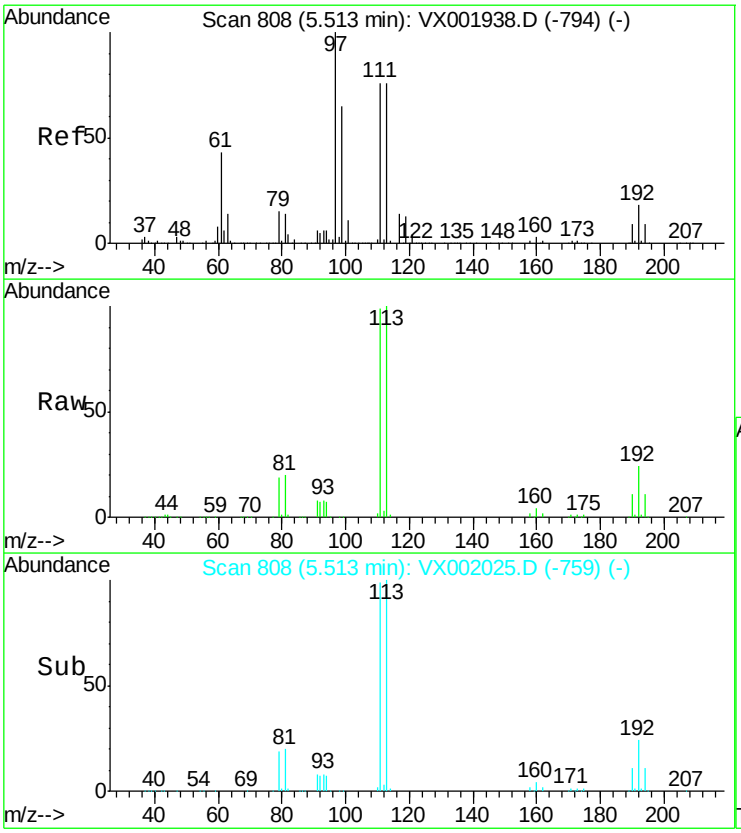
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 432913

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.2
88	16.2	0.0	31.6

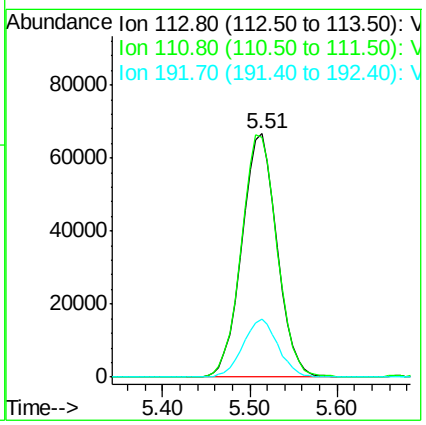


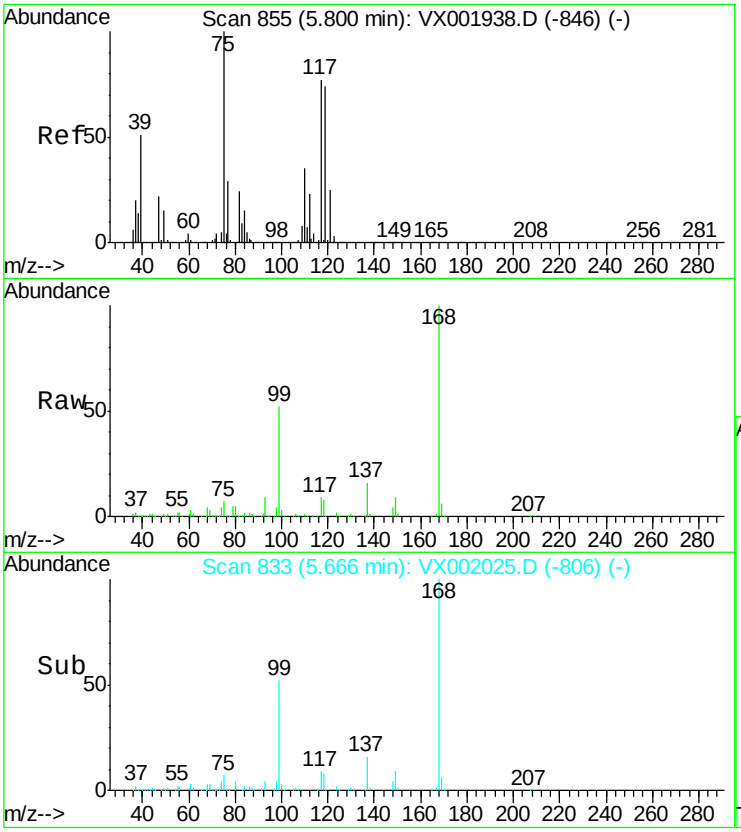


#35
Dibromofluoromethane
Concen: 42.94 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Tgt Ion:113 Resp: 185896

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.0	123.0
192	23.7	18.9	28.3



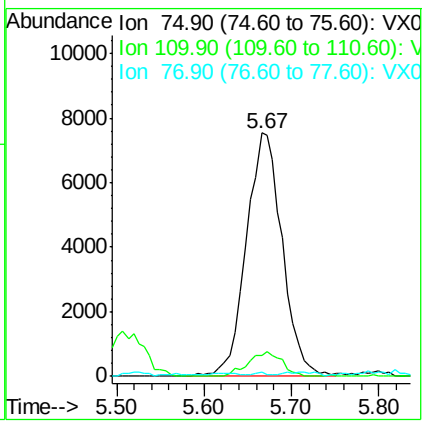


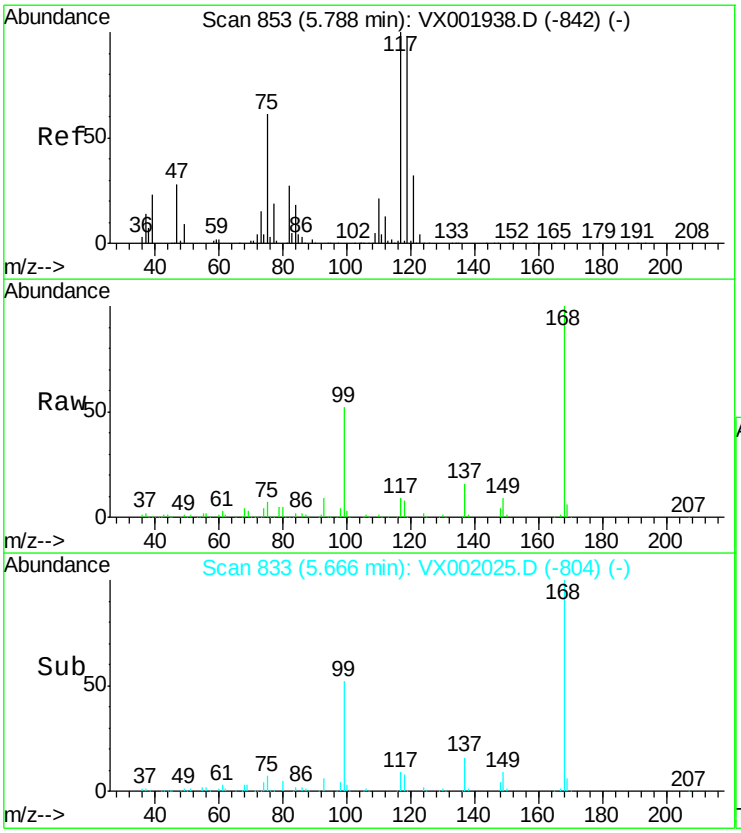
#36
1,1-Dichloropropene
Concen: 3.58 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 21546

Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.4	52.2#
77	0.5	24.4	36.6#

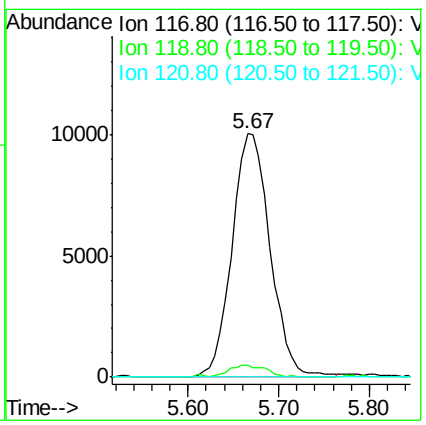


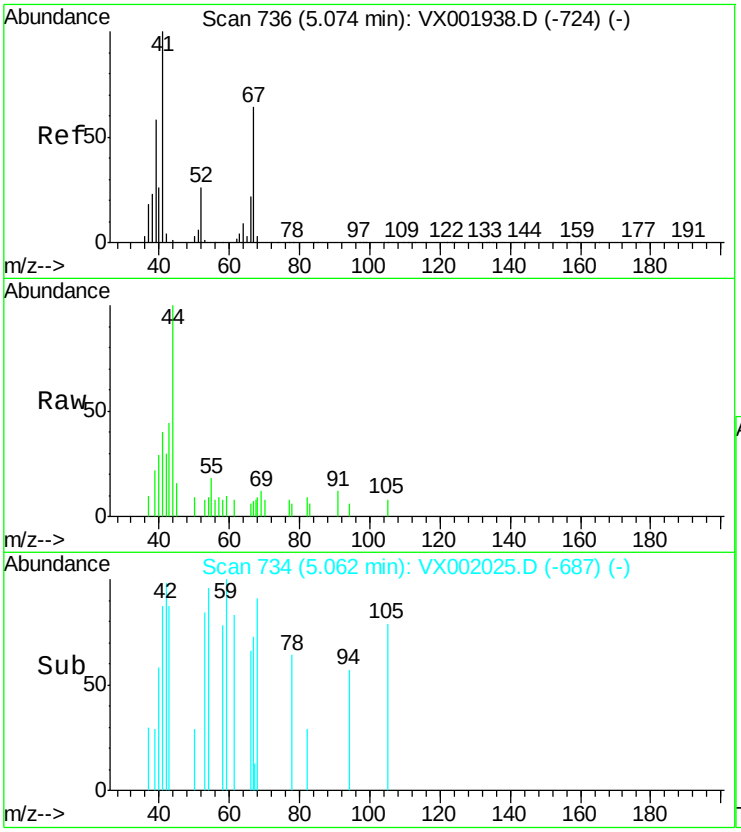


#38
Carbon Tetrachloride
Concen: 4.16 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Tgt Ion:117 Resp: 29240

Ion	Ratio	Lower	Upper
117	100		
119	4.8	78.5	117.7#
121	0.0	25.5	38.3#



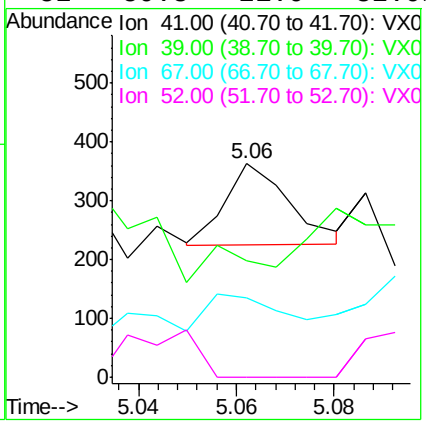


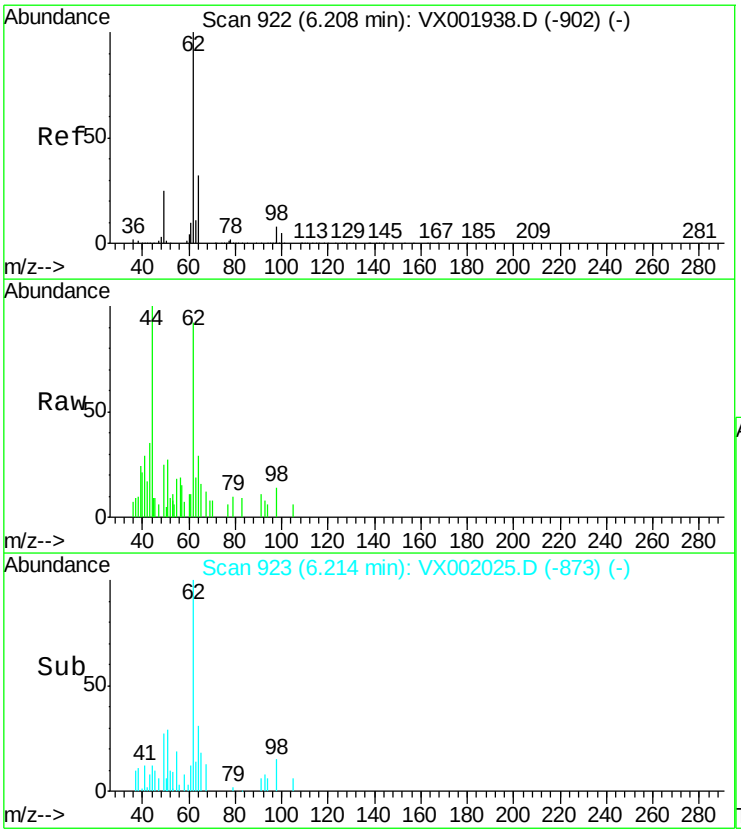
#41
Methacrylonitrile
Concen: Below Cal
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 127

Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.0	69.0#
67	244.9	50.6	75.8#
52	59.8	21.9	32.9#

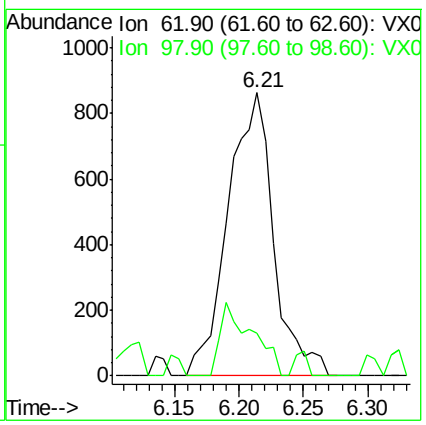


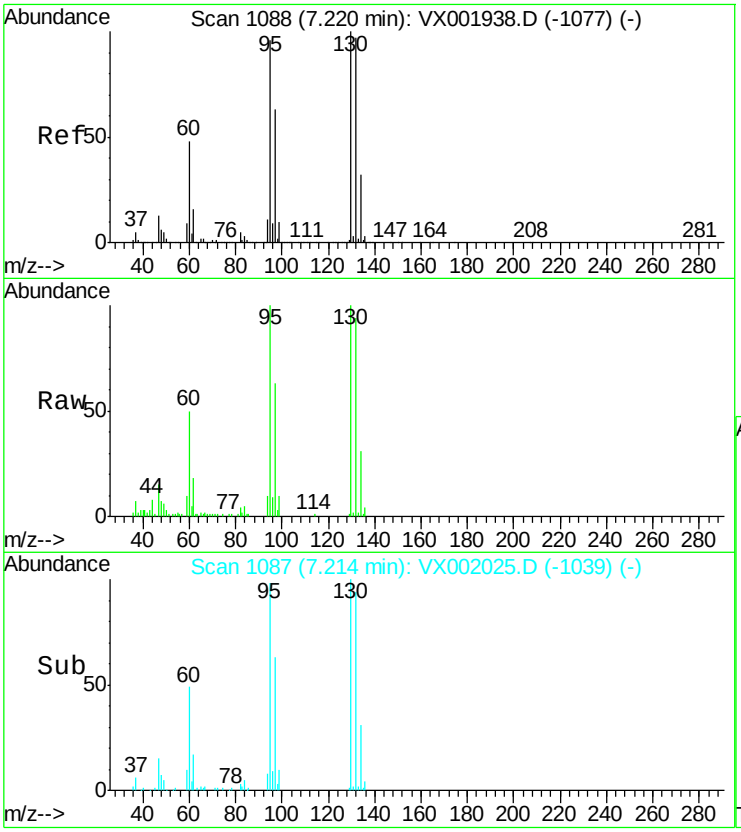


#42
1,2-Dichloroethane
Concen: 0.30 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Tgt Ion: 62 Resp: 2118

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.0



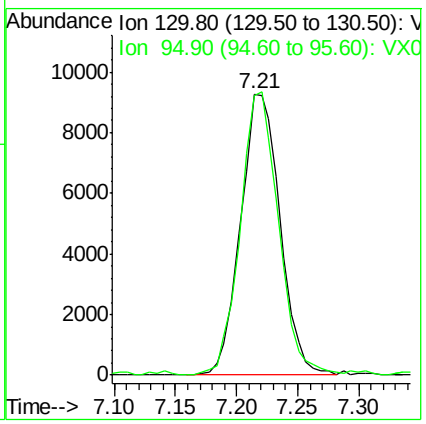


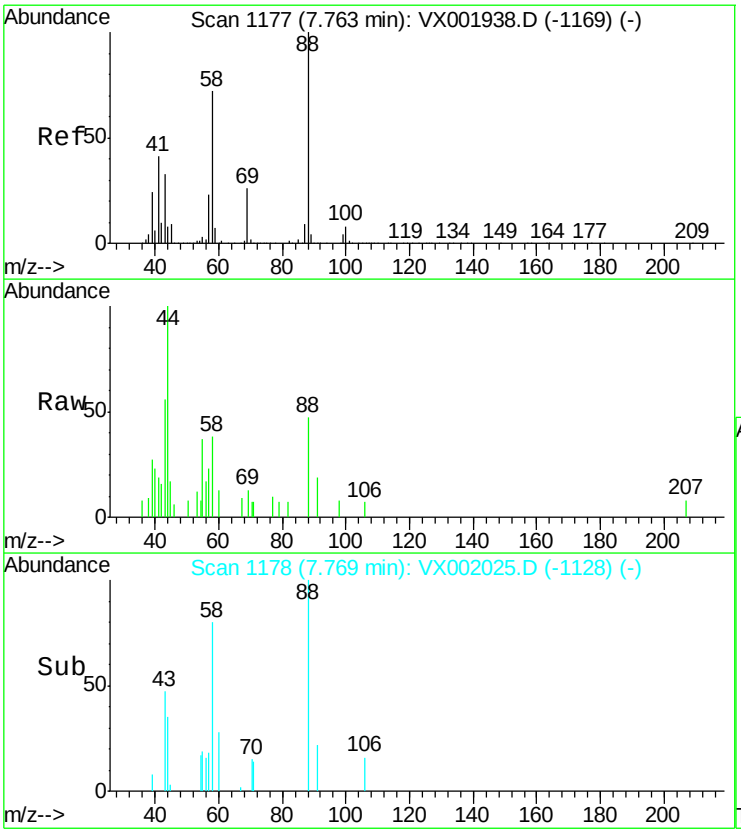
#44
Trichloroethene
Concen: 4.05 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 20806

Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	192.0

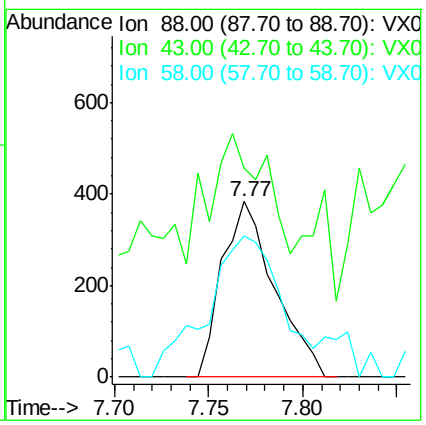


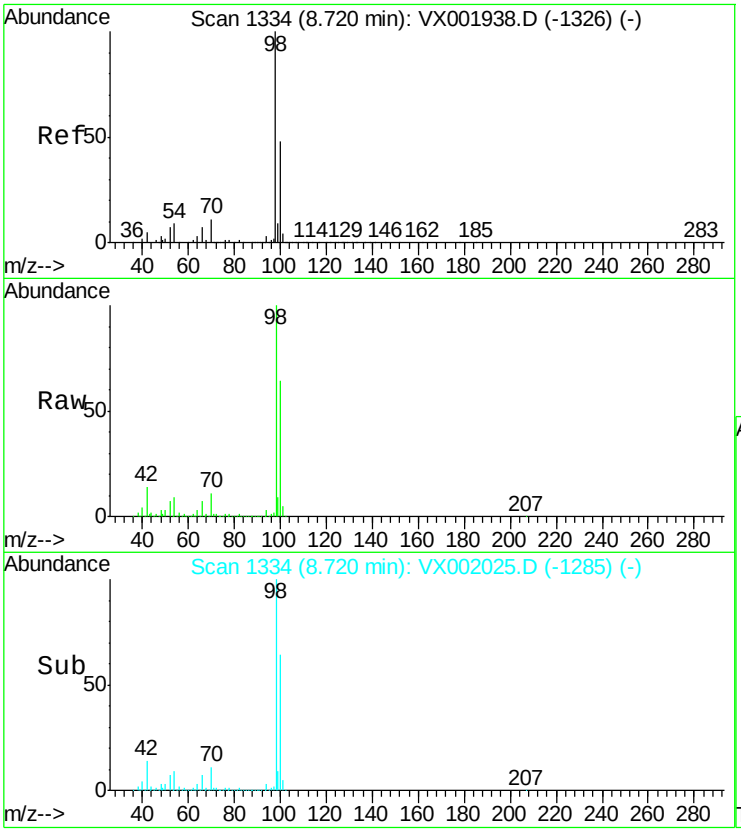


#49
1,4-Dioxane
Concen: 6.30 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Tgt Ion: 88 Resp: 739

Ion	Ratio	Lower	Upper
88	100		
43	77.0	29.8	44.8#
58	113.7	58.7	88.1#



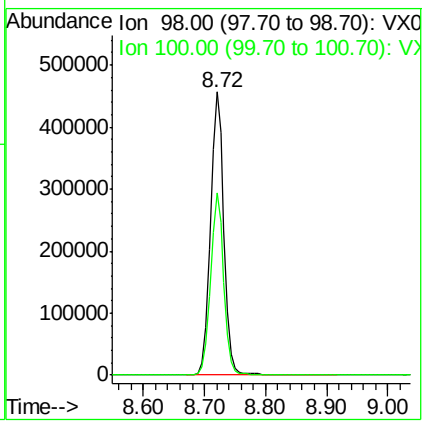


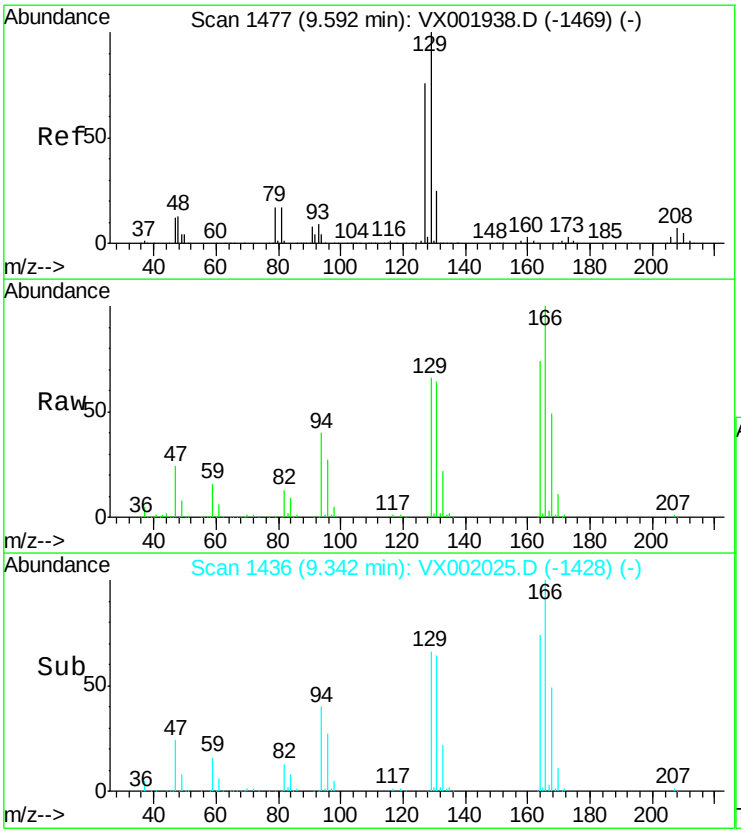
#50
Toluene-d8
Concen: 44.95 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 704572

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.5	77.3

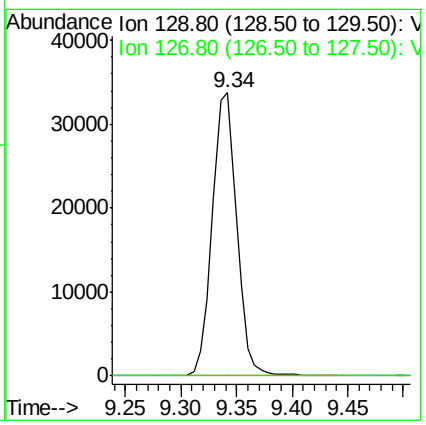


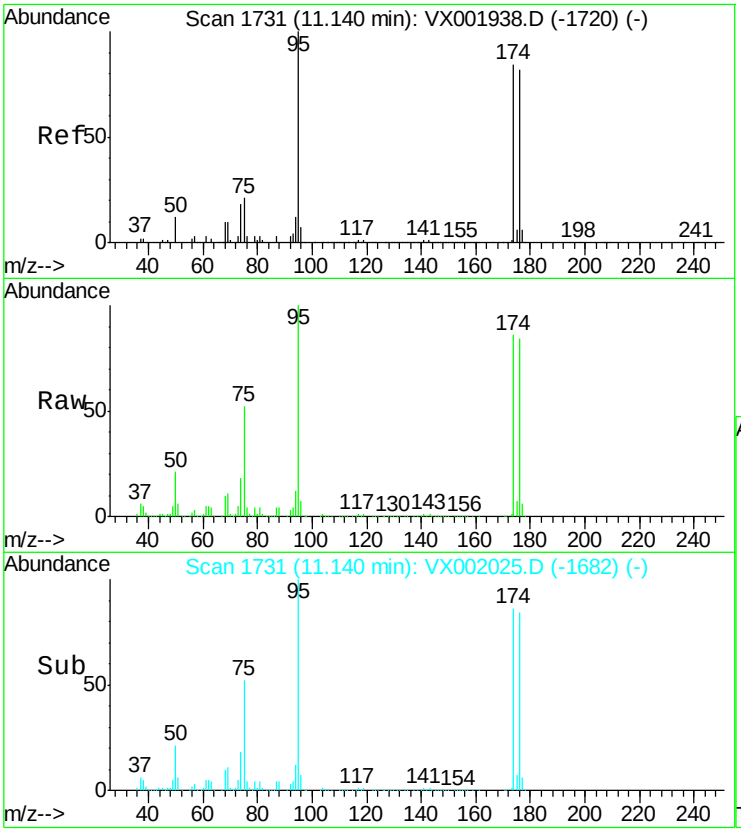


#60
Dibromochloromethane
Concen: 9.28 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Tgt Ion:129 Resp: 51573

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.9#



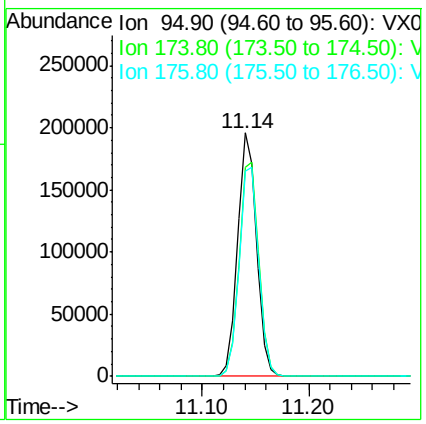


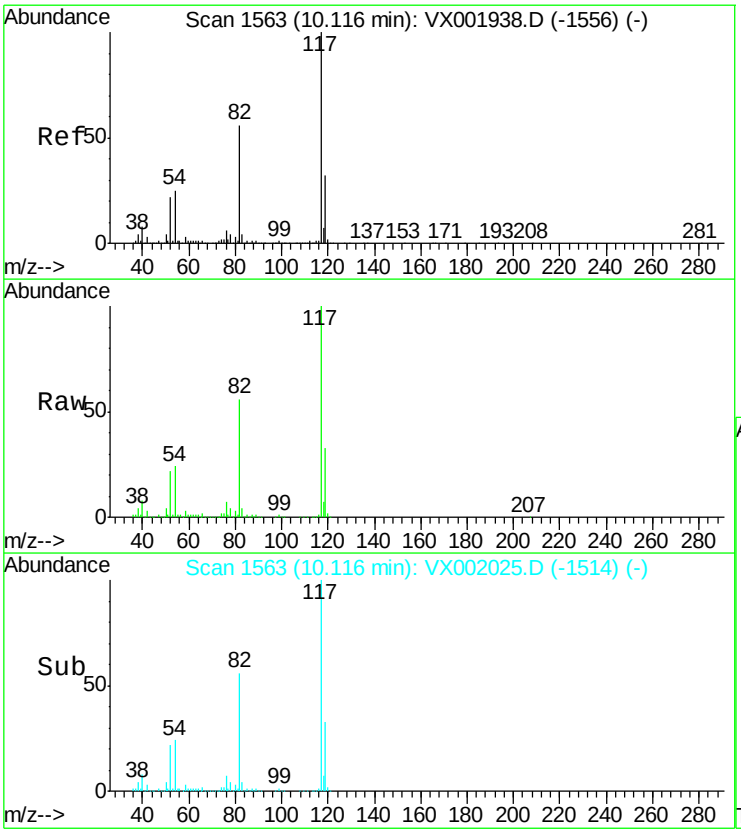
#62
4-Bromofluorobenzene
Concen: 39.96 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 245017

Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	178.8
176	88.8	0.0	175.6

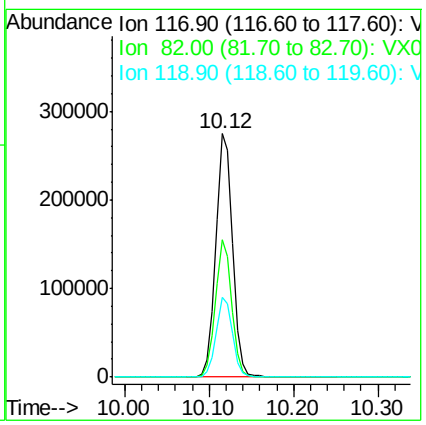


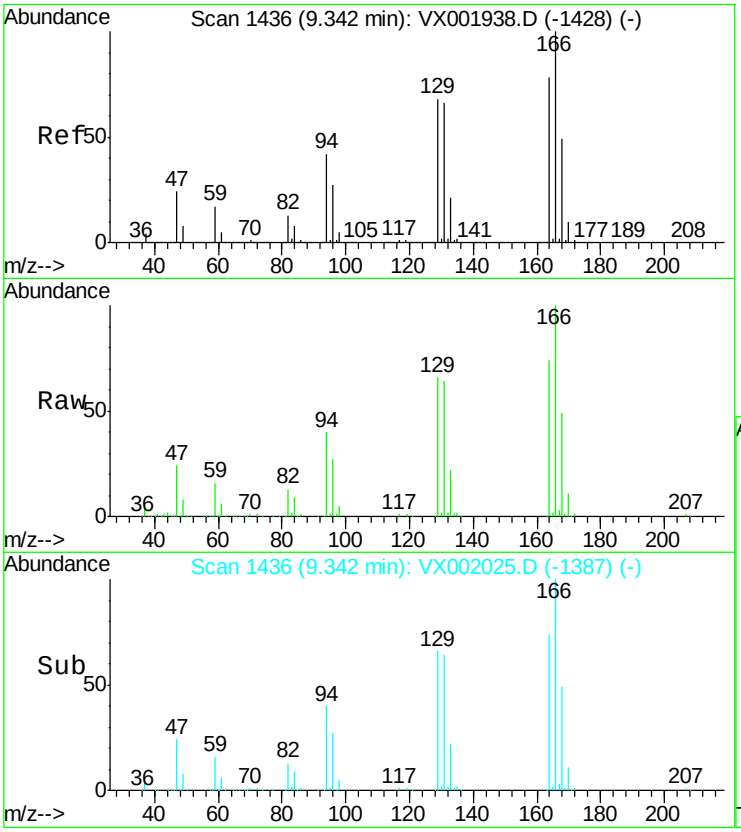


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Tgt Ion:117 Resp: 379376

Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.8	67.2
119	32.6	25.5	38.3



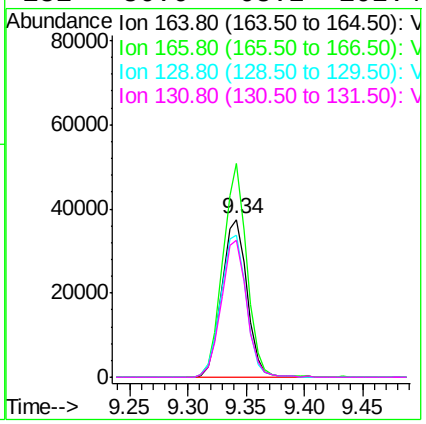


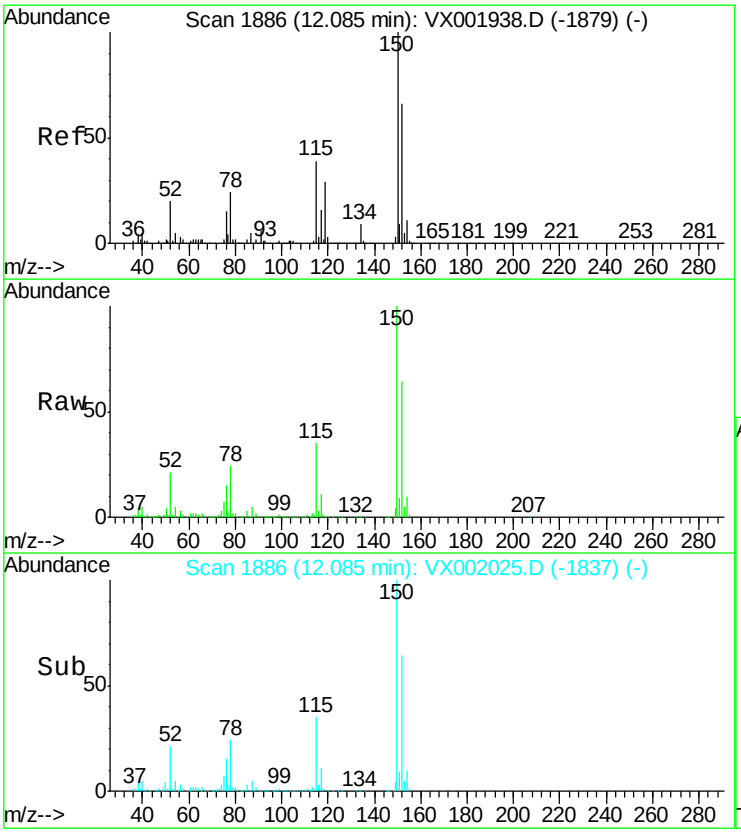
#64
Tetrachloroethene
Concen: 10.38 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:164 Resp: 56448

Ion	Ratio	Lower	Upper
164	100		
166	135.1	102.7	154.1
129	89.8	70.3	105.5
131	86.6	68.2	102.4

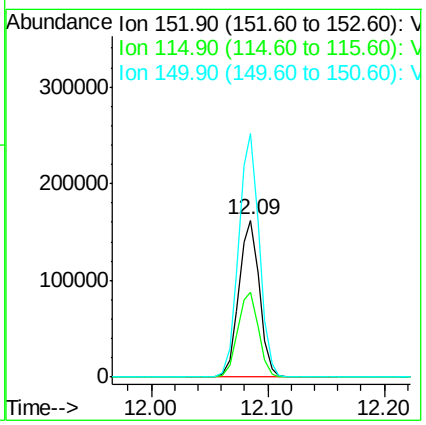


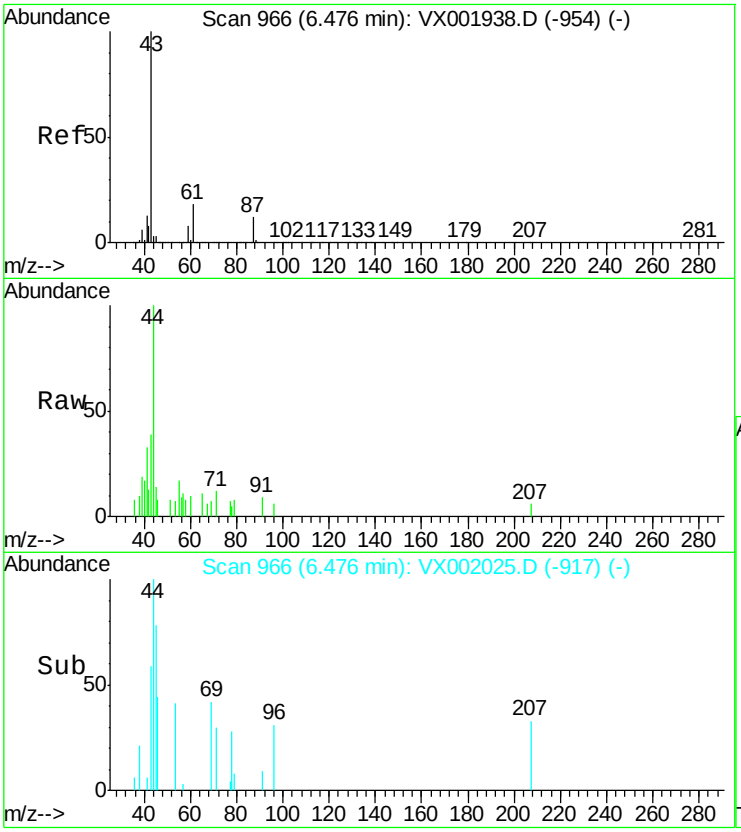


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Tgt Ion:152 Resp: 199962

Ion	Ratio	Lower	Upper
152	100		
115	54.6	42.3	126.8
150	155.3	0.0	351.0



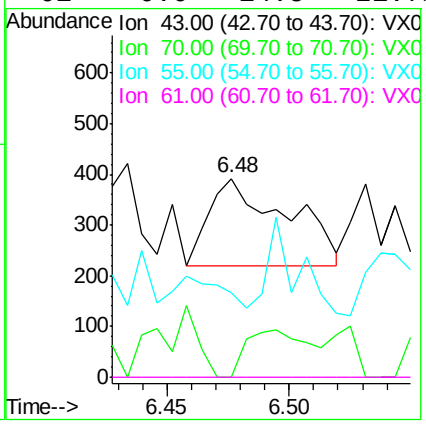


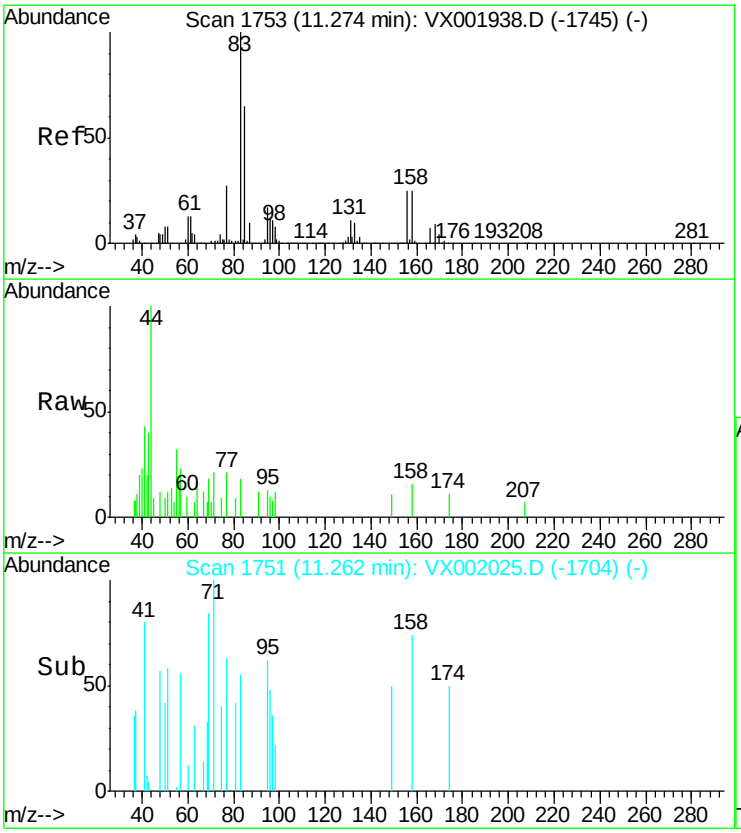
#74
N-amyl acetate
Concen: Below Cal
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 378

Ion	Ratio	Lower	Upper
43	100		
70	44.4	0.1	0.1#
55	43.7	0.1	0.1#
61	0.0	14.5	21.7#

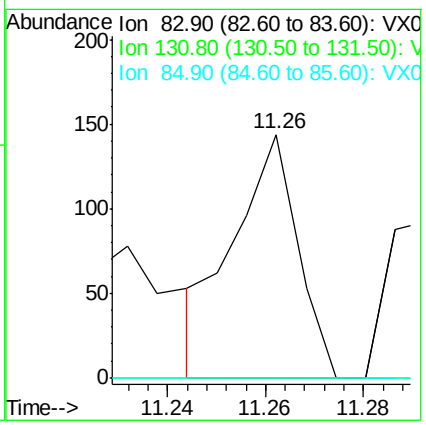


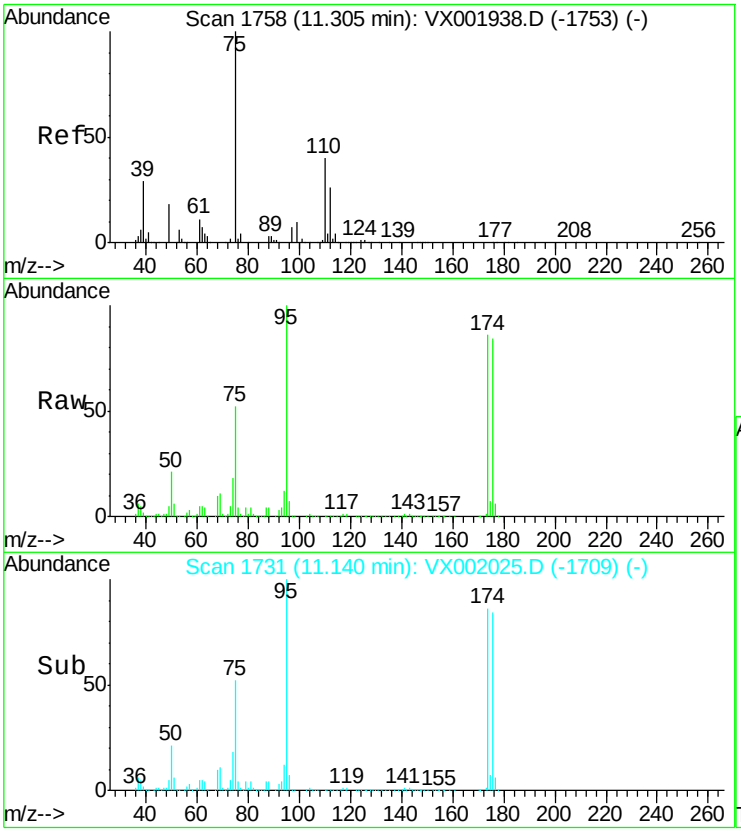


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.26 min Scan# 1751
Delta R.T. -0.01 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Tgt Ion: 83 Resp: 130

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.0#
85	0.0	32.6	97.7#



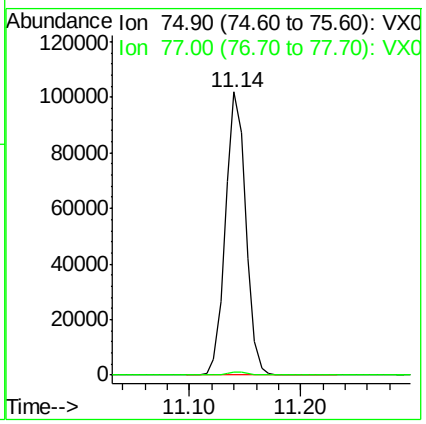


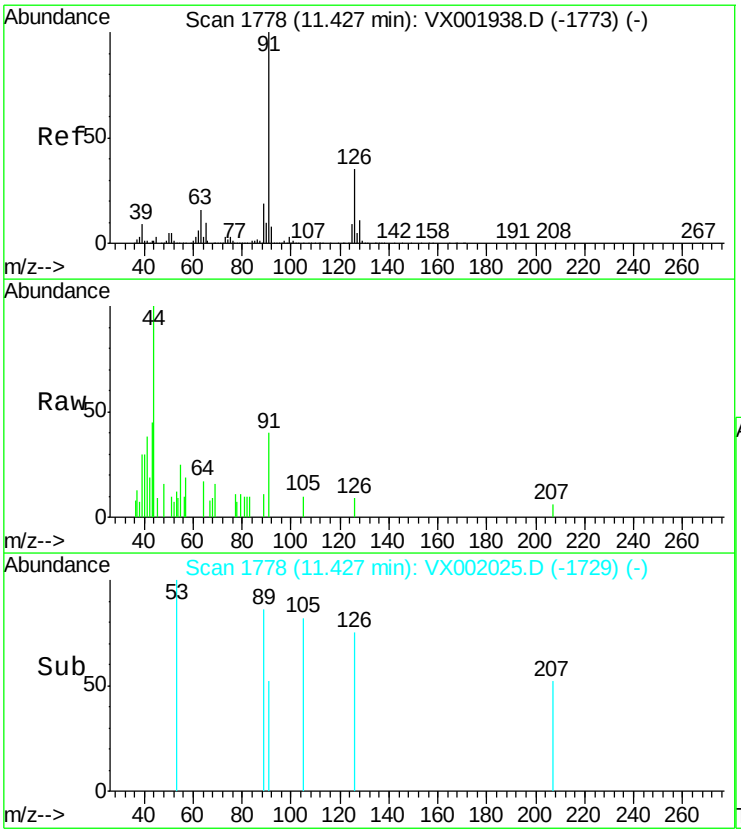
#76
1,2,3-Trichloropropane
Concen: 26.73 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 128389

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#

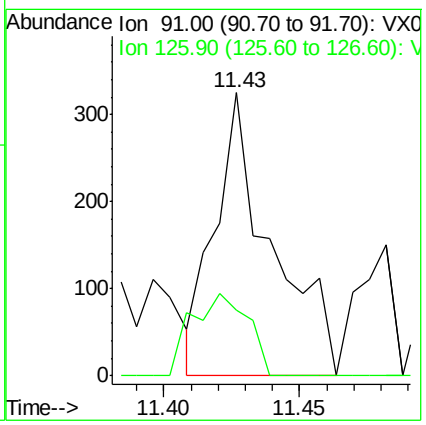


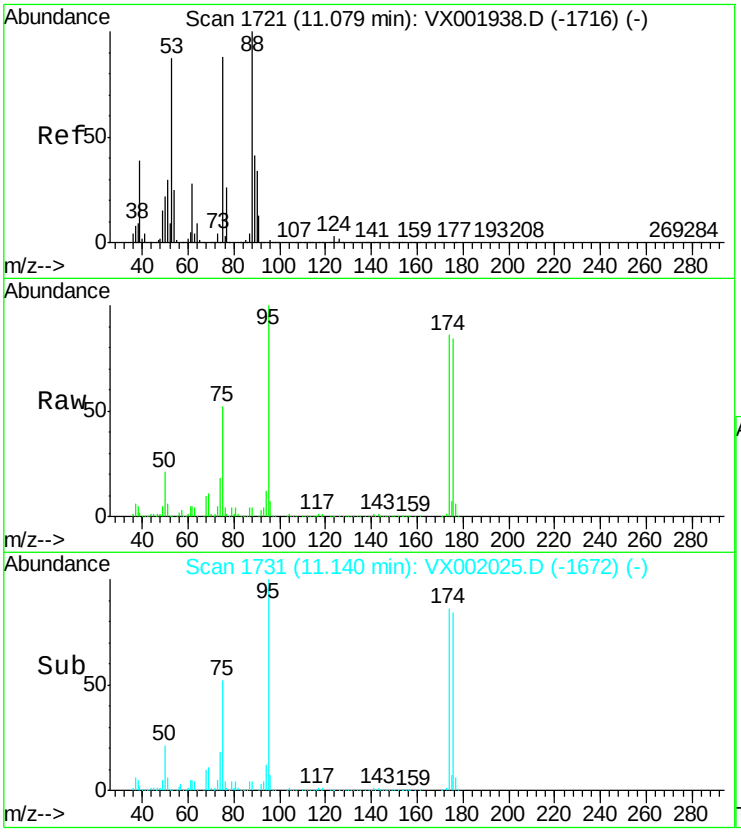


#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Tgt Ion: 91 Resp: 467

Ion	Ratio	Lower	Upper
91	100		
126	28.9	17.4	52.2





#81
trans-1,4-Dichloro-2-butene
Concen: 64.25 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 128389

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.0	117.0#
89	0.0	39.4	59.2#