Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052618\
Data File : VX002023.D
Acq On : 26 May 2018 17:13
Operator : JC/MD
Sample : J3118-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 28 00:33:20 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	321709	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	441031	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	388402	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	207349	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	244327	42.49	ug/l		0.00
Spiked Amount 50.000			Recovery = 84.98%				
35) Dibromofluoromethane	5.51	113	192042	43.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.08%				
50) Toluene-d8	8.72	98	729714	45.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.40%				
62) 4-Bromofluorobenzene	11.14	95	251459	40.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 80.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	240	Below Cal			92
4) Vinyl Chloride	1.41	62	7325	1.53	ug/l		95
5) Bromomethane	1.65	94	1029	Below Cal			97
10) Methyl Iodide	2.51	142	2300	0.42	ug/l	#	86
11) Tert butyl alcohol	3.09	59	1758	1.56	ug/l	#	56
12) 1,1-Dichloroethene	2.38	96	126637	33.77	ug/l		100
13) Acrolein	2.32	56	245	0.50	ug/l	#	59
16) Acetone	2.45	43	3493	1.57	ug/l	#	85
18) Methyl Acetate	2.79	43	2329	Below Cal		#	89
19) Methyl tert-butyl Ether	3.22	73	5138	0.36	ug/l	#	87
20) Methylene Chloride	2.87	84	123	Below Cal		#	42
21) trans-1,2-Dichloroethene	3.17	96	2581	Below Cal			95
24) 1,1-Dichloroethane	3.70	63	8901	1.17	ug/l		95
27) cis-1,2-Dichloroethene	4.60	96	76438	15.63	ug/l		95
28) Bromochloromethane	5.03	49	23	Below Cal		#	14
29) Tetrahydrofuran	5.18	42	1423	0.54	ug/l	#	80
36) 1,1-Dichloropropene	5.67	75	22650	3.69	ug/l	#	52
38) Carbon Tetrachloride	5.67	117	29577	4.13	ug/l	#	15
41) Methacrylonitrile	5.08	41	160	Below Cal		#	74
42) 1,2-Dichloroethane	6.21	62	3317	0.46	ug/l		96
44) Trichloroethene	7.22	130	23185	4.43	ug/l		97
49) 1,4-Dioxane	7.77	88	2992	25.03	ug/l		93
60) Dibromochloromethane	9.34	129	188203	33.25	ug/l	#	11
64) Tetrachloroethene	9.34	164	208908	37.51	ug/l		100
74) N-amyl acetate	6.48	43	259	Below Cal		#	59
75) 1,1,2,2-Tetrachloroethane	11.27	83	132	Below Cal		#	64
76) 1,2,3-Trichloropropane	11.14	75	131709	26.45	ug/l	#	33
79) 2-Chlorotoluene	11.43	91	634	Below Cal			85
81) trans-1,4-Dichloro-2-buten	11.14	75	131709	63.56	ug/l	#	10

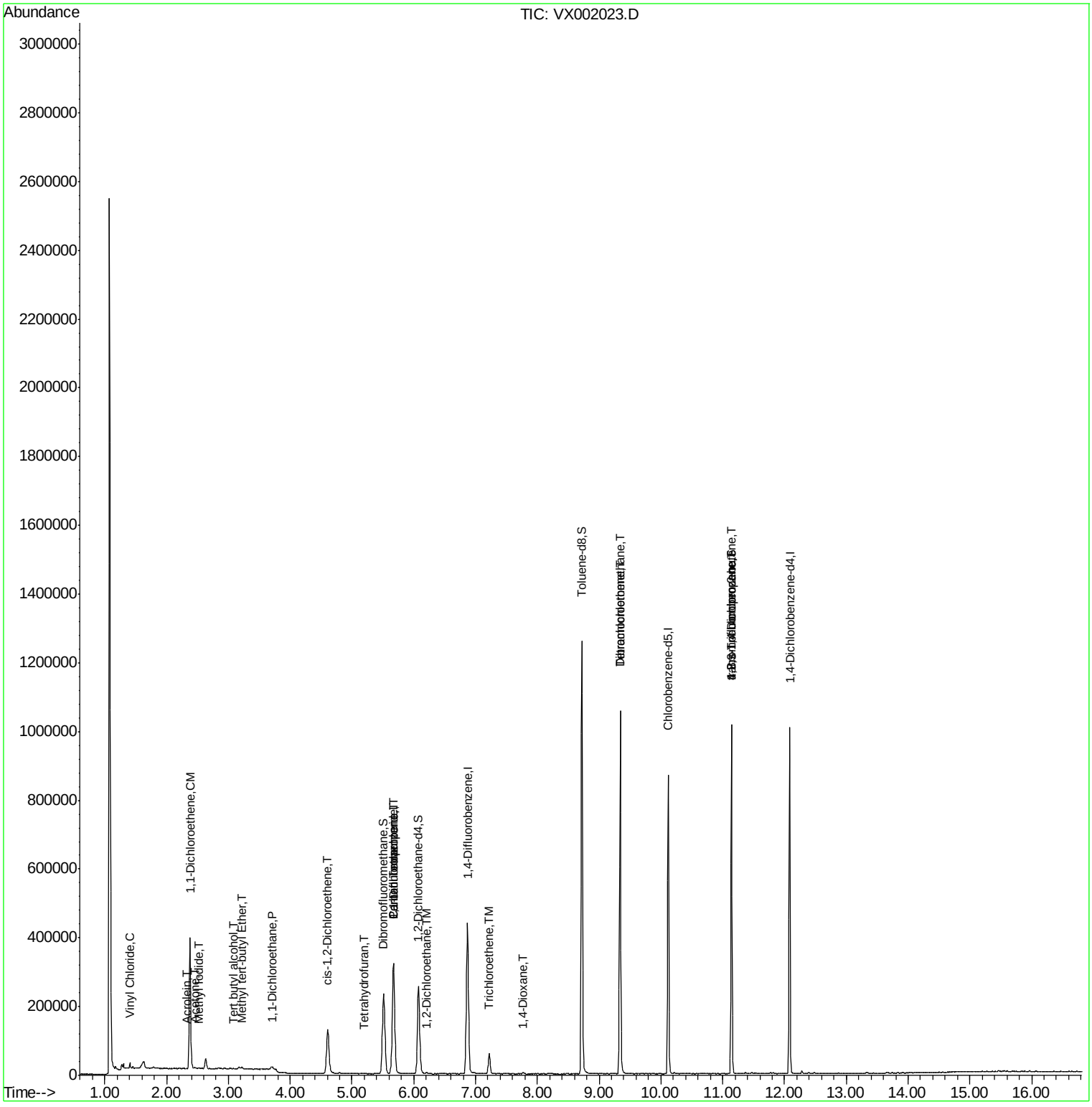
(#) = qualifier out of range (m) = manual integration (+) = signals summed

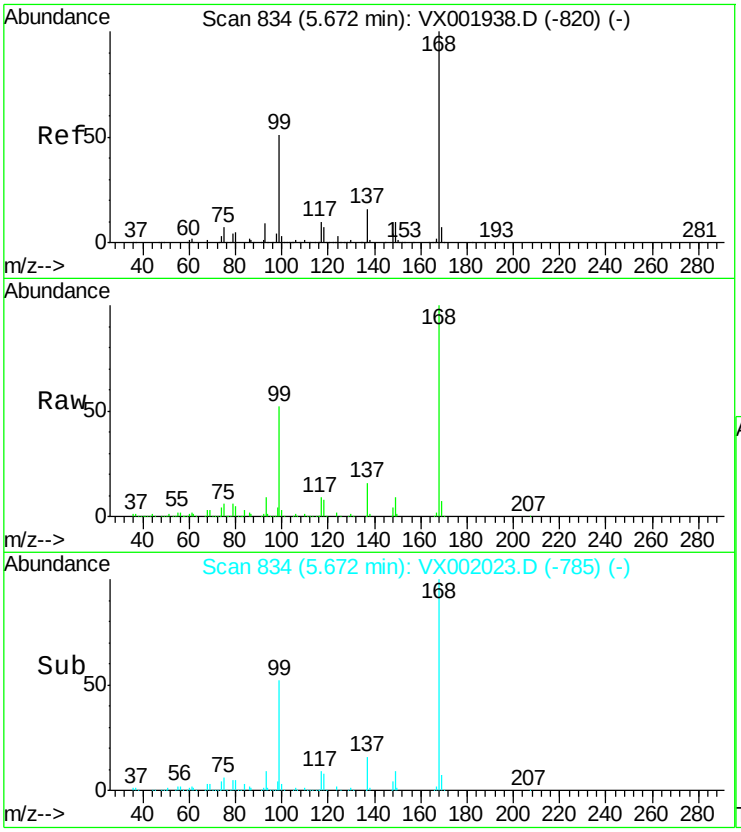
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052618\
Data File : VX002023.D
Acq On : 26 May 2018 17:13
Operator : JC/MD
Sample : J3118-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 28 00:33:20 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



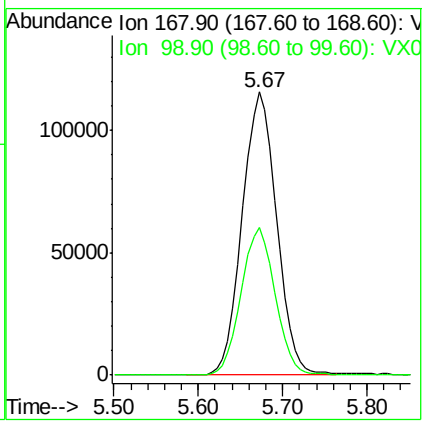


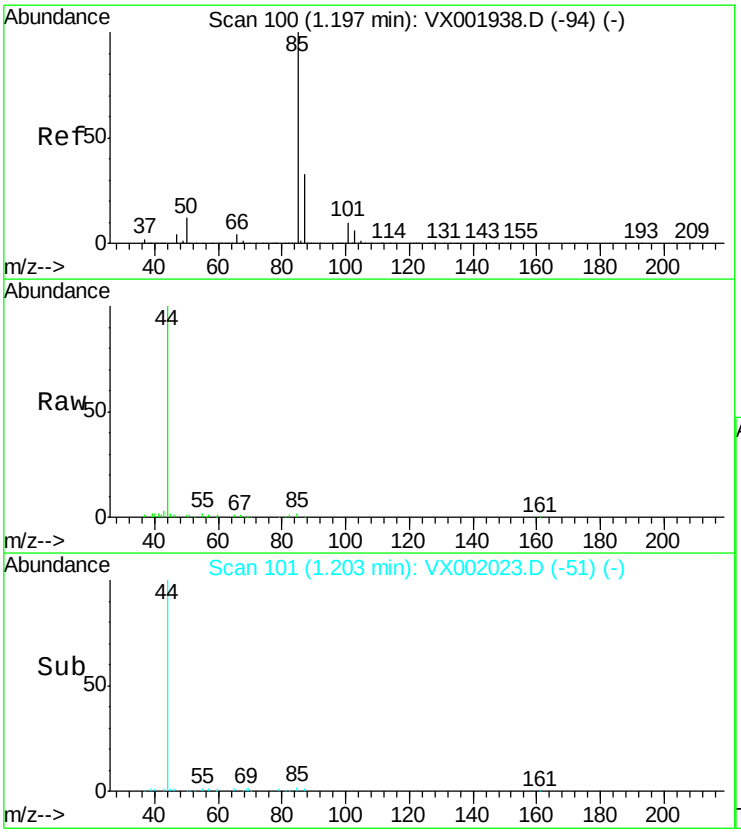
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 321709

Ion	Ratio	Lower	Upper
168	100		
99	52.1	41.0	61.4

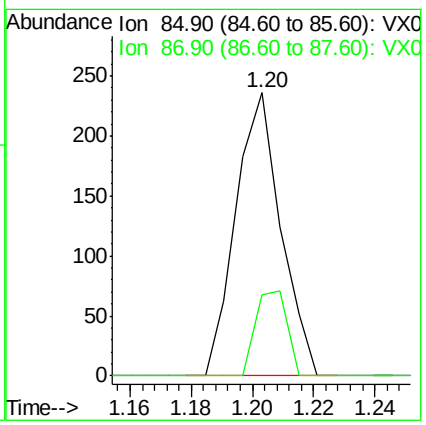


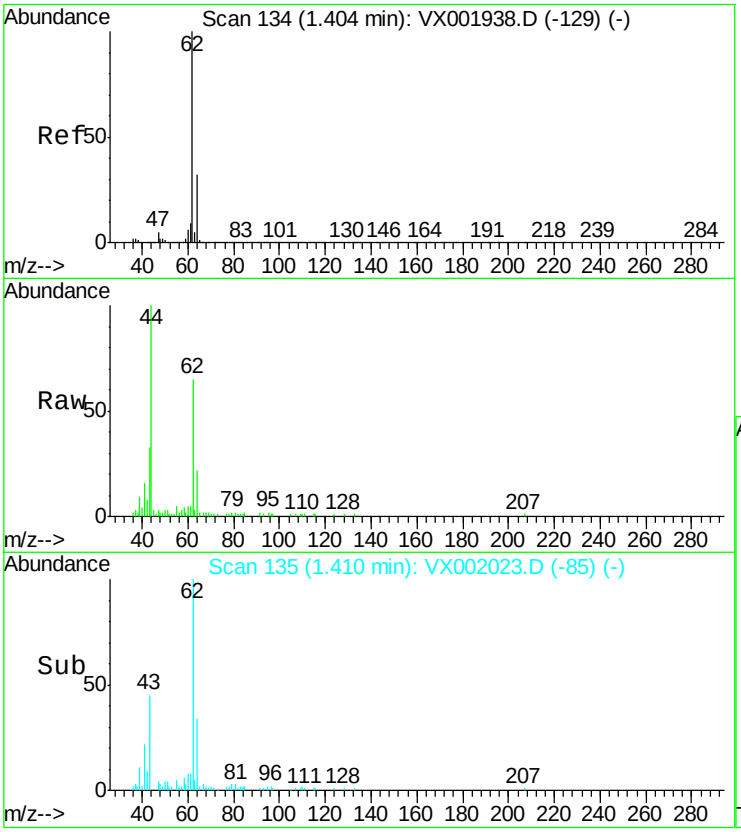


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 101
Delta R.T. 0.01 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Tgt Ion: 85 Resp: 240

Ion	Ratio	Lower	Upper
85	100		
87	28.8	16.7	50.0



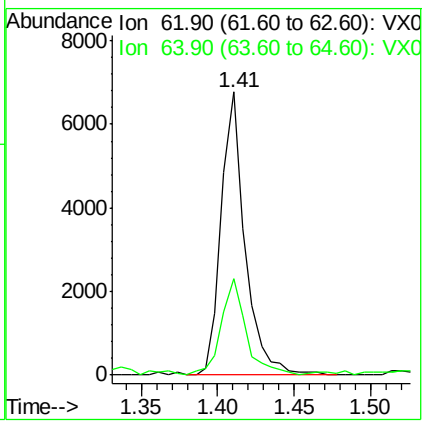


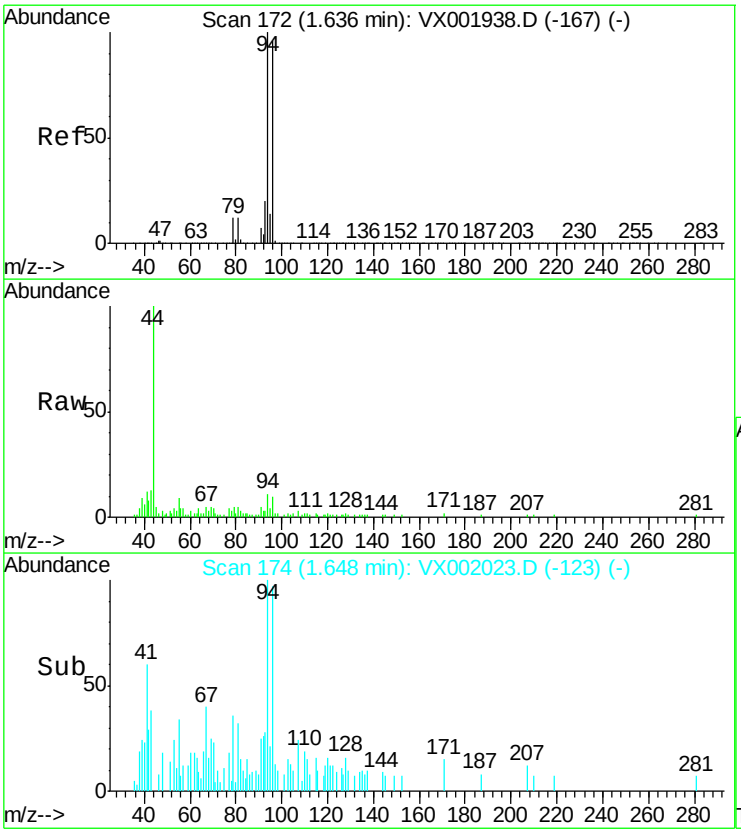
#4
Vinyl Chloride
Concen: 1.53 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 7325

Ion	Ratio	Lower	Upper
62	100		
64	34.3	25.4	38.0

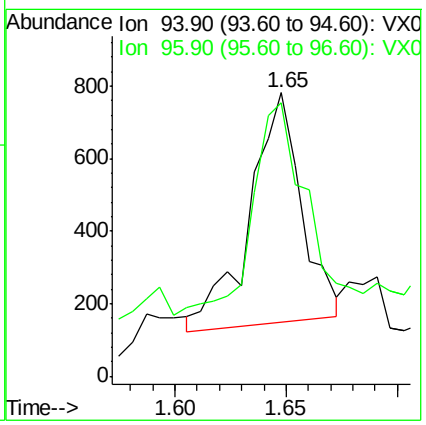


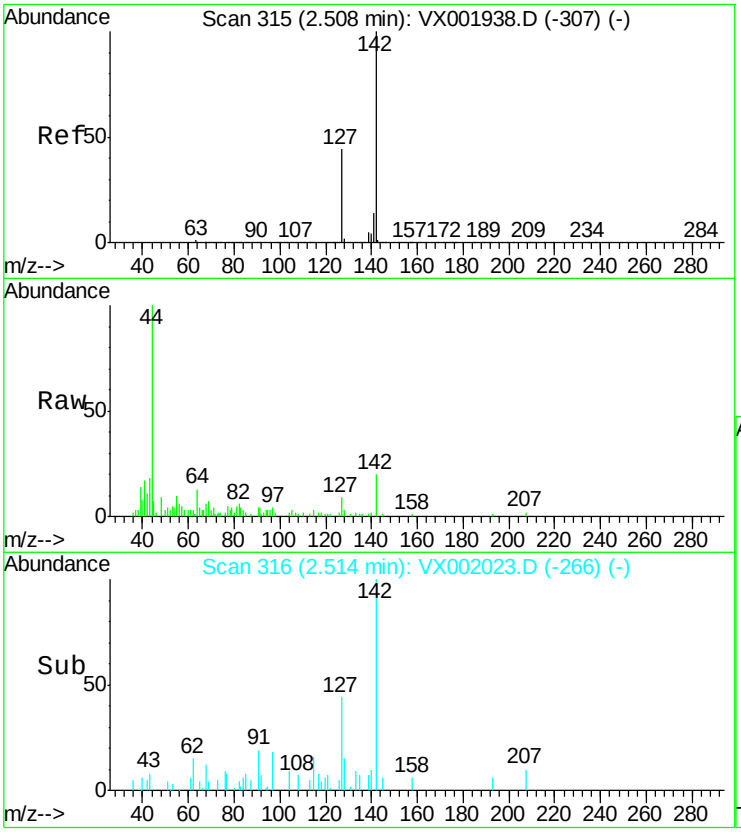


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Tgt Ion: 94 Resp: 1029

Ion	Ratio	Lower	Upper
94	100		
96	91.6	75.9	113.9



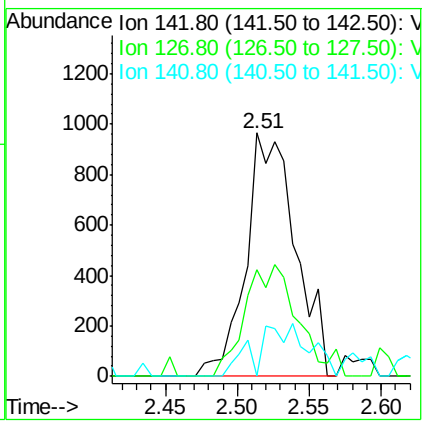


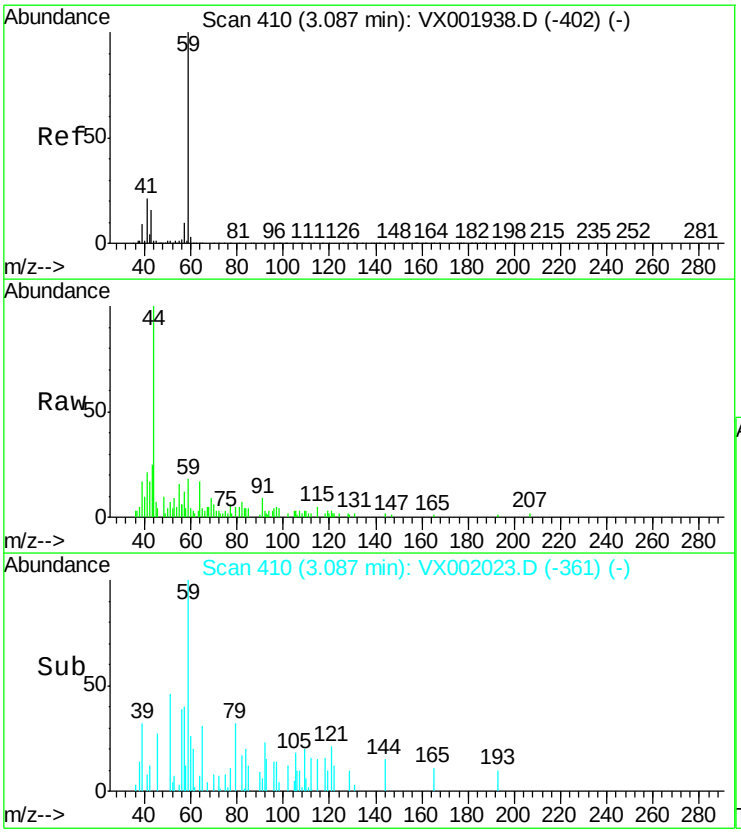
#10
Methyl Iodide
Concen: 0.42 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 2300

Ion	Ratio	Lower	Upper
142	100		
127	49.0	35.5	53.3
141	0.0	11.3	16.9#

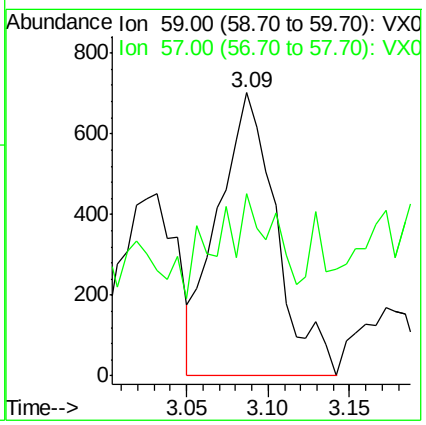


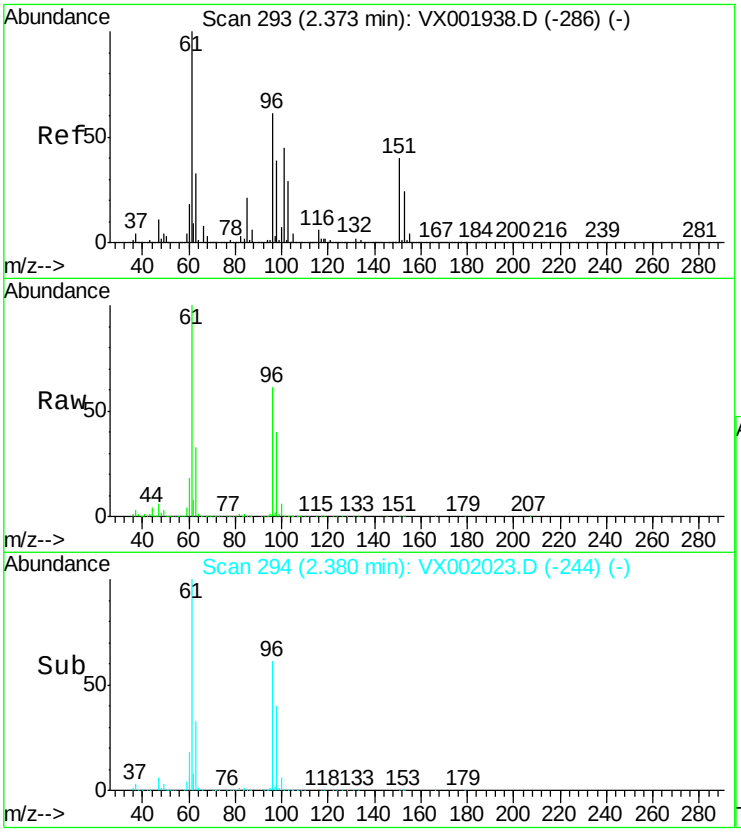


#11
Tert butyl alcohol
Concen: 1.56 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Tgt Ion: 59 Resp: 1758

Ion	Ratio	Lower	Upper
59	100		
57	27.8	8.9	13.3#



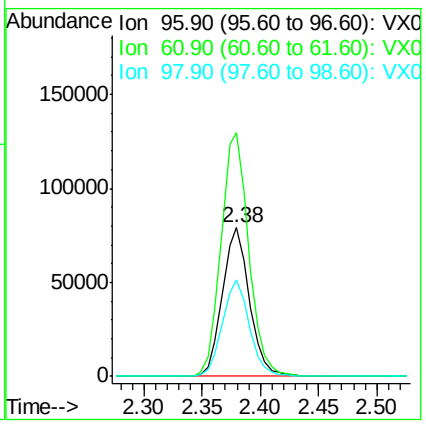


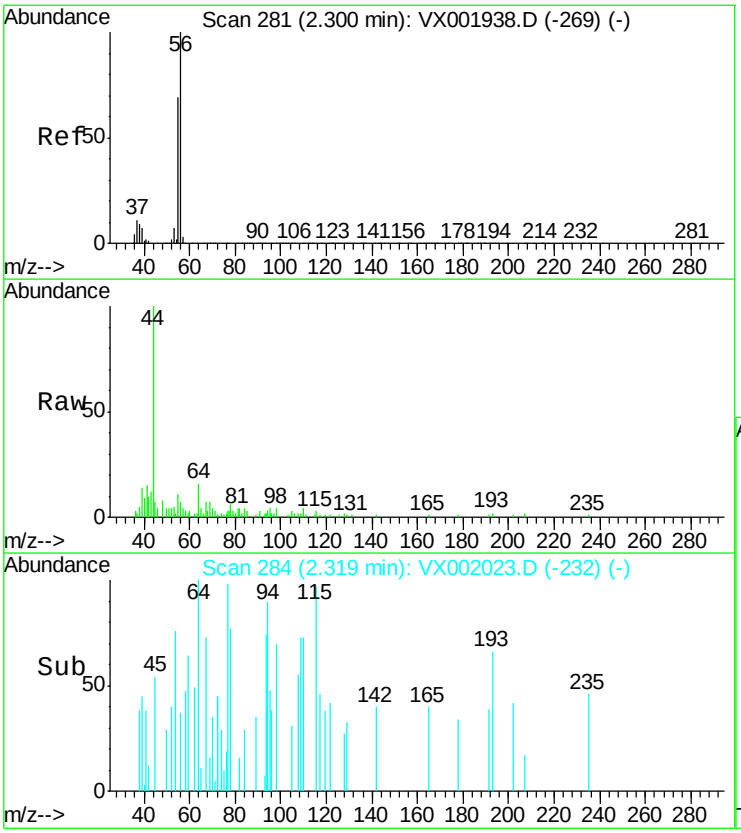
#12
1,1-Dichloroethene
Concen: 33.77 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 126637

Ion	Ratio	Lower	Upper
96	100		
61	164.0	131.7	197.5
98	64.9	51.6	77.4

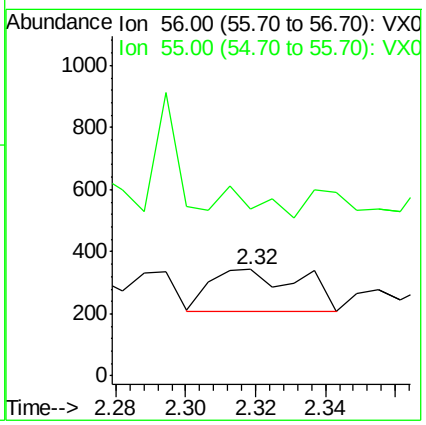


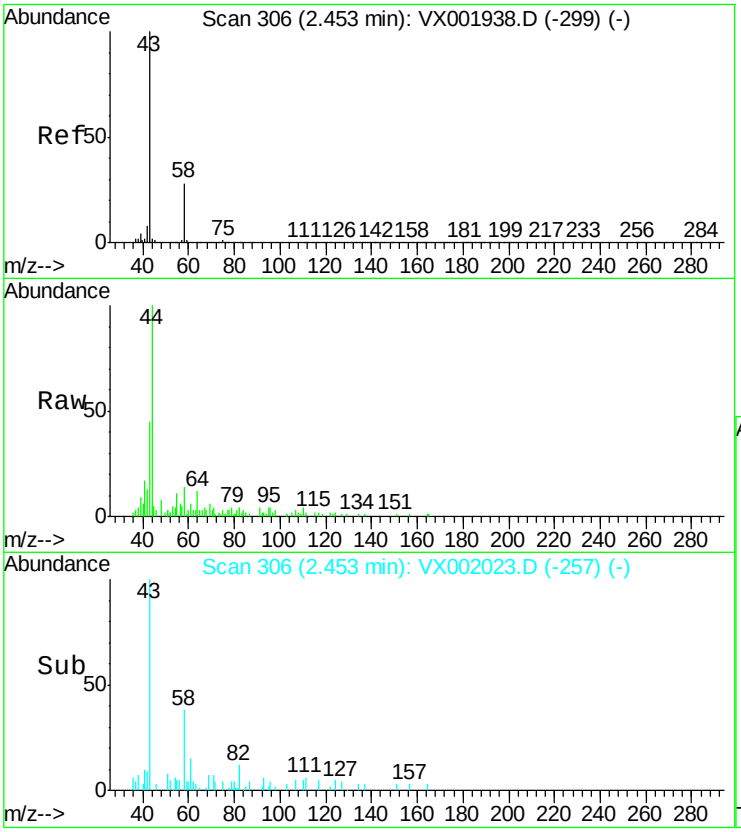


#13
Acrolein
Concen: 0.50 ug/l
RT: 2.32 min Scan# 284
Delta R.T. 0.02 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Tgt Ion: 56 Resp: 245

Ion	Ratio	Lower	Upper
56	100		
55	37.1	56.8	85.2#



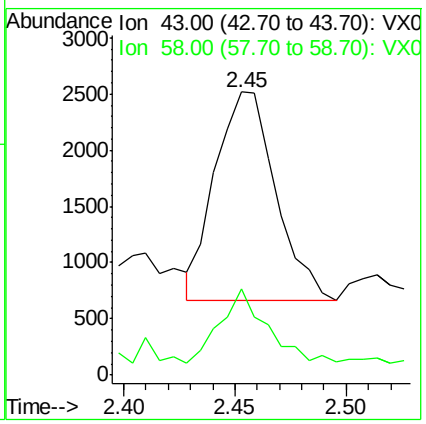


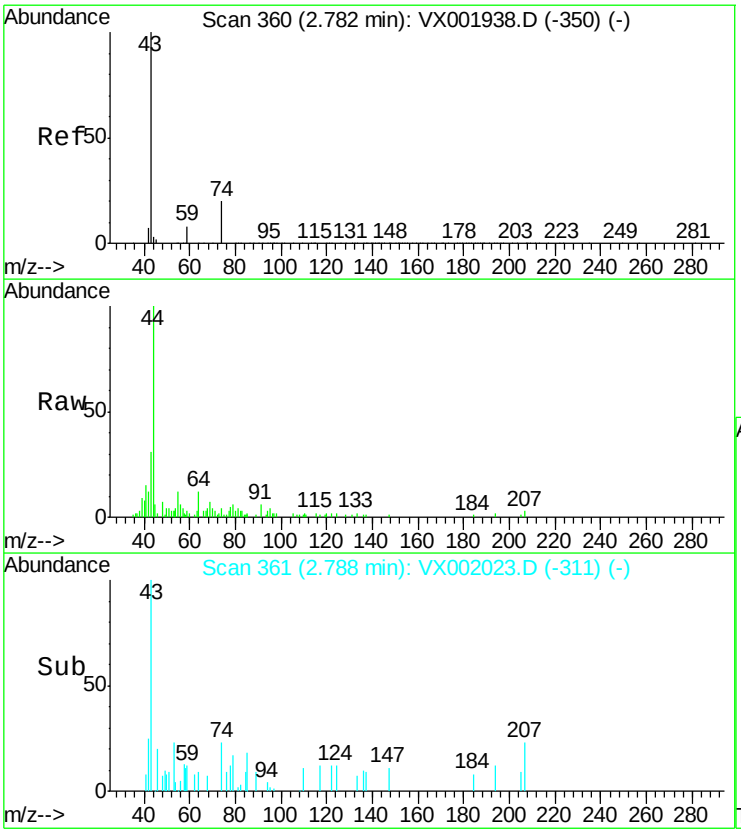
#16
Acetone
Concen: 1.57 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3493

Ion	Ratio	Lower	Upper
43	100		
58	36.0	22.3	33.5#

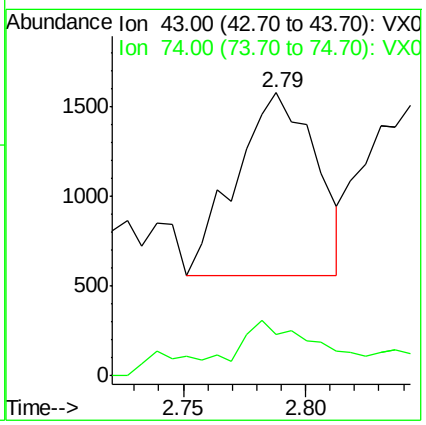


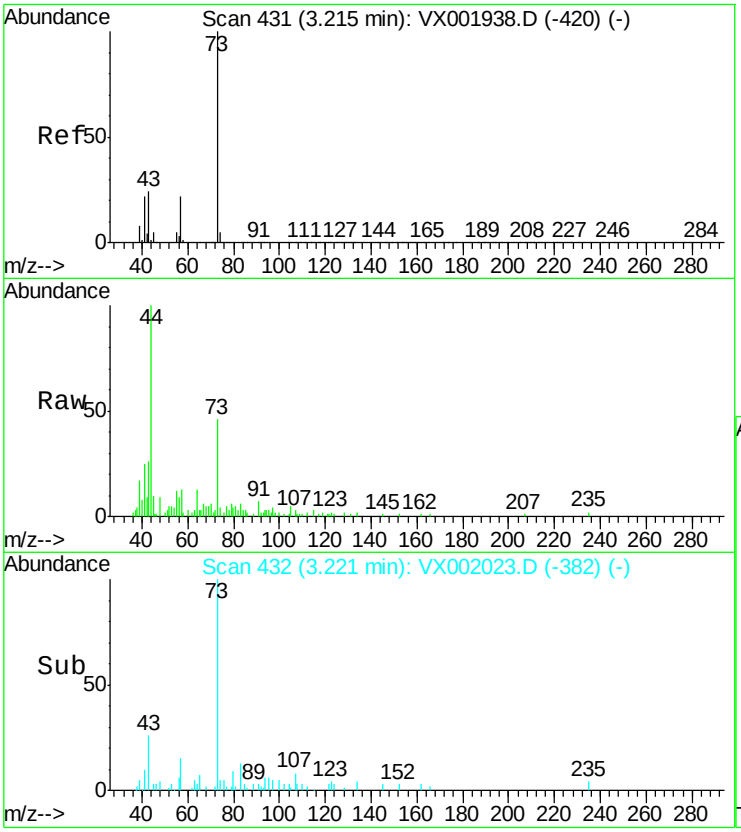


#18
Methyl Acetate
Concen: Below Cal
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Tgt Ion: 43 Resp: 2329

Ion	Ratio	Lower	Upper
43	100		
74	15.9	16.8	25.2#



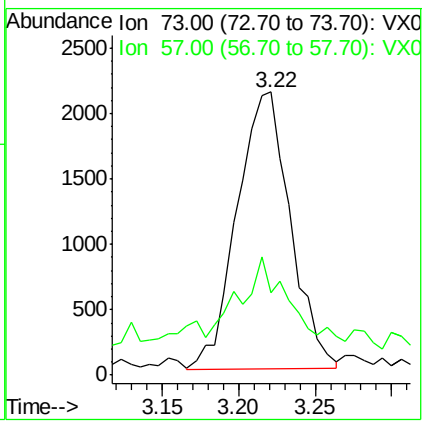


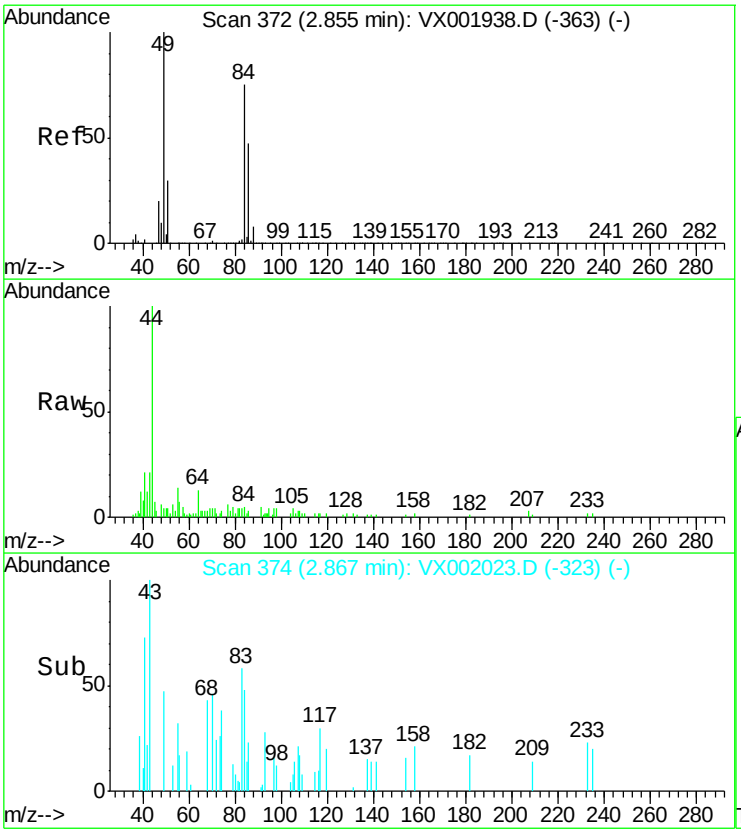
#19
Methyl tert-butyl Ether
Concen: 0.36 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 5138

Ion	Ratio	Lower	Upper
73	100		
57	15.4	17.4	26.0#

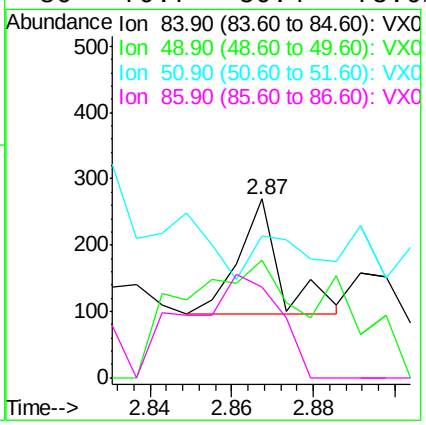


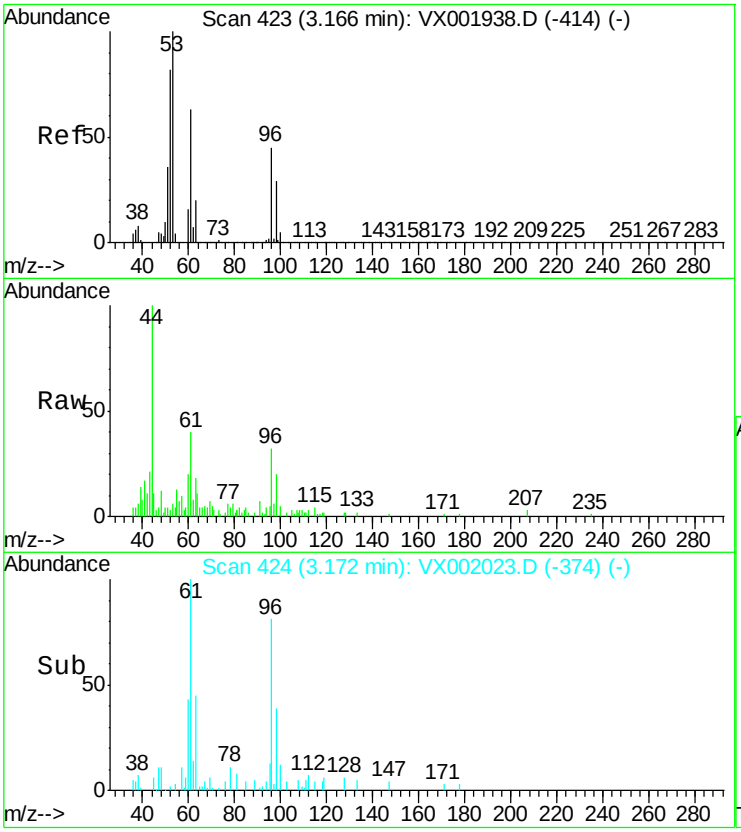


#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Tgt Ion: 84 Resp: 123

Ion	Ratio	Lower	Upper
84	100		
49	34.3	107.2	160.8#
51	22.7	32.4	48.6#
86	79.7	50.4	75.6#



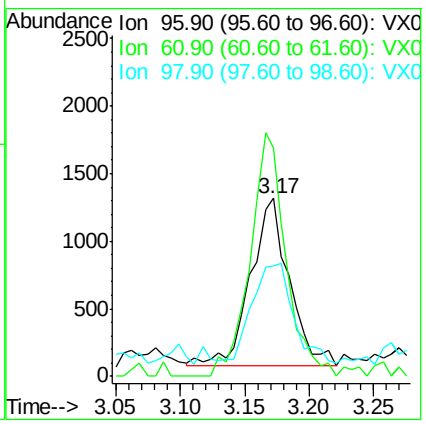


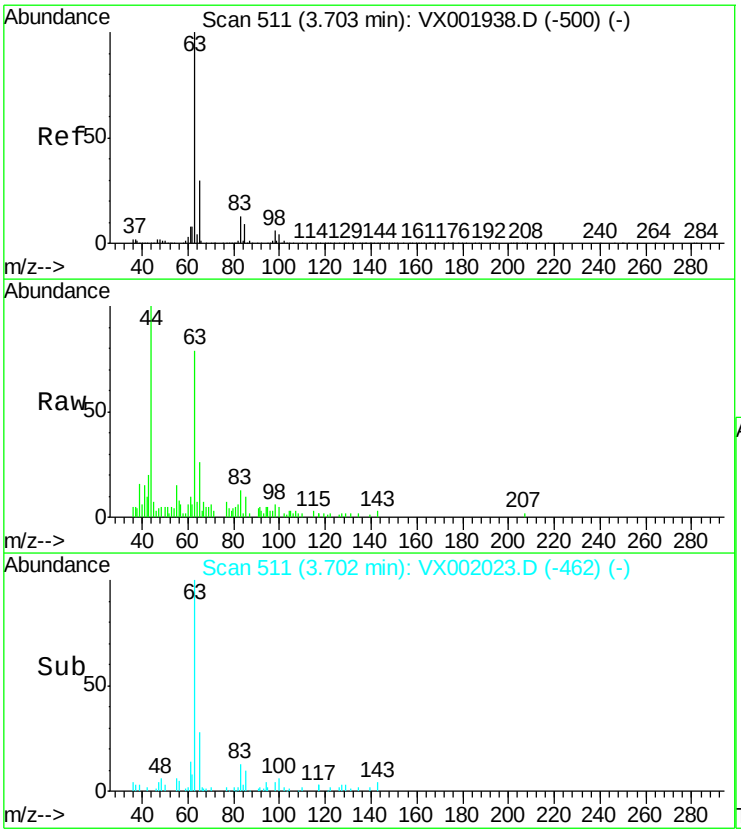
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 2581

Ion	Ratio	Lower	Upper
96	100		
61	136.6	113.3	169.9
98	58.1	51.7	77.5

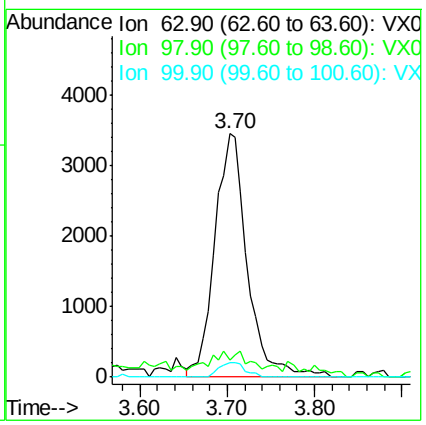


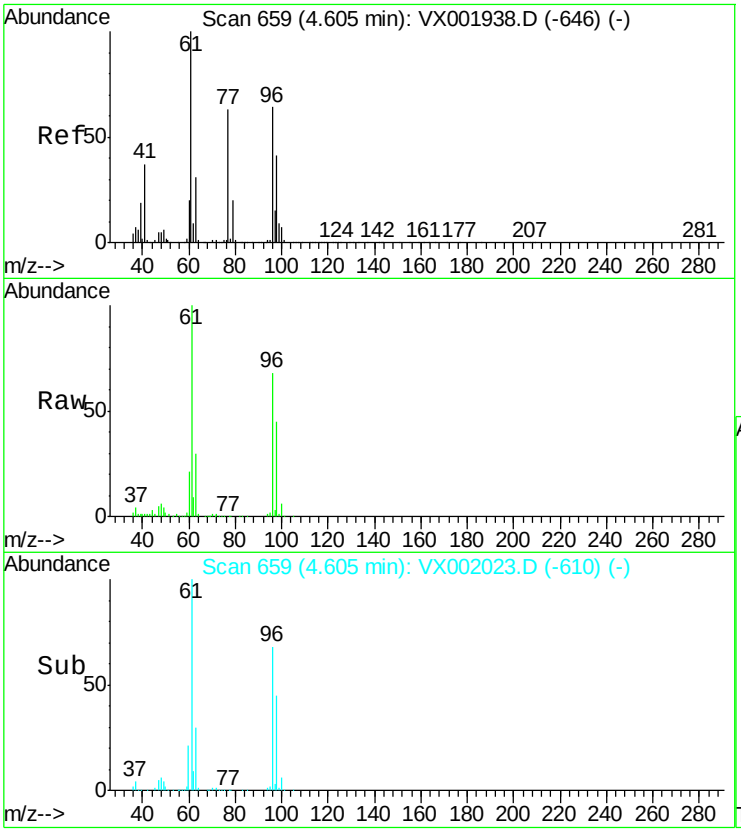


#24
1,1-Dichloroethane
Concen: 1.17 ug/l
RT: 3.70 min Scan# 511
Delta R.T. -0.00 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Tgt Ion: 63 Resp: 8901

Ion	Ratio	Lower	Upper
63	100		
98	4.7	3.3	9.8
100	5.7	2.1	6.5



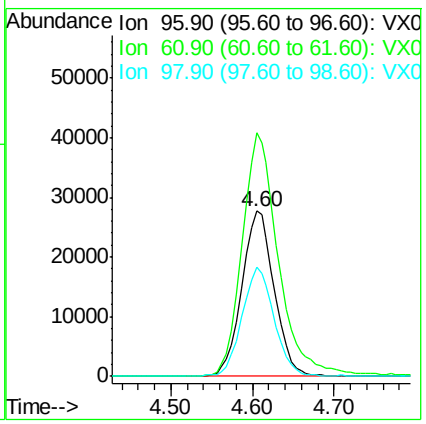


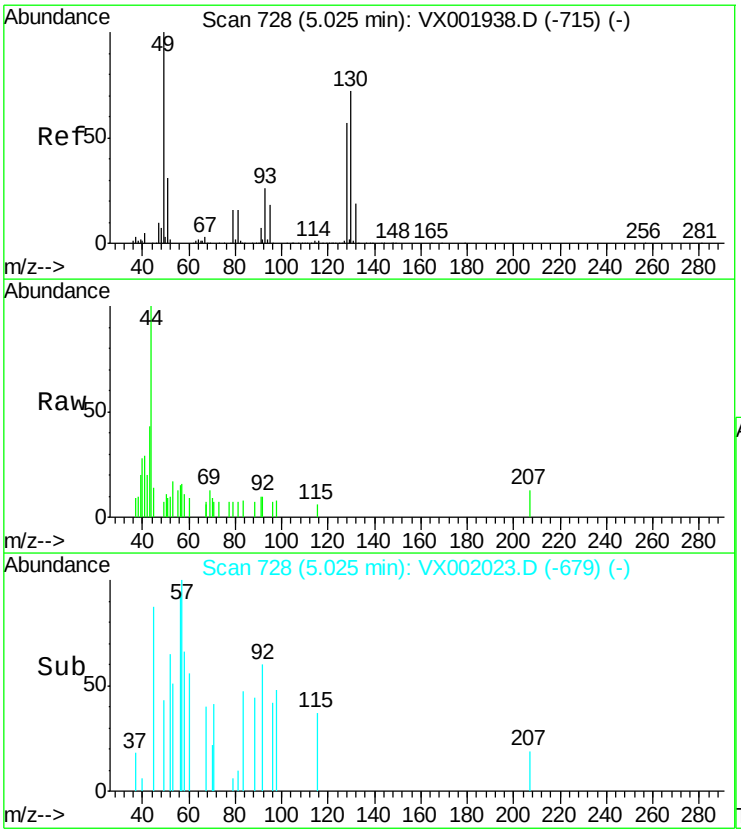
#27
cis-1,2-Dichloroethene
Concen: 15.63 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 76438

Ion	Ratio	Lower	Upper
96	100		
61	165.5	0.0	348.4
98	65.3	0.0	128.6

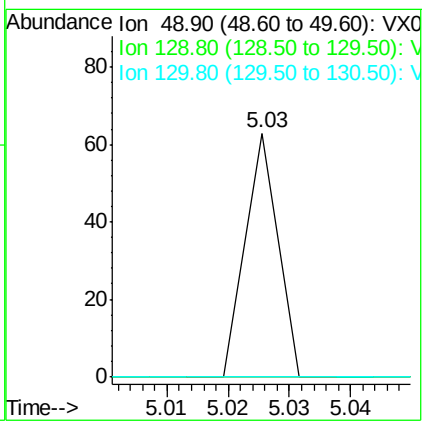


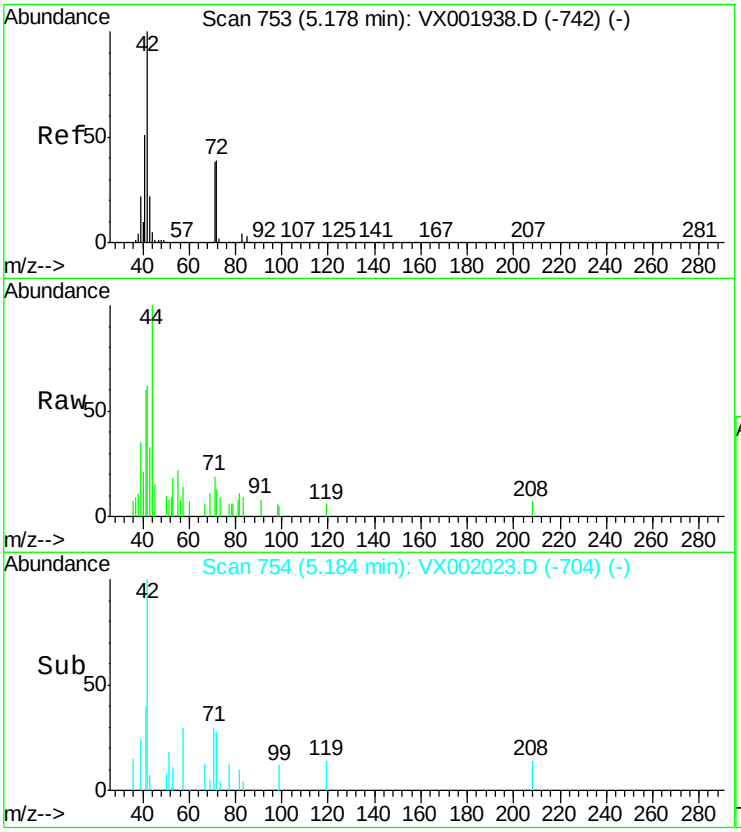


#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Tgt Ion: 49 Resp: 23

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



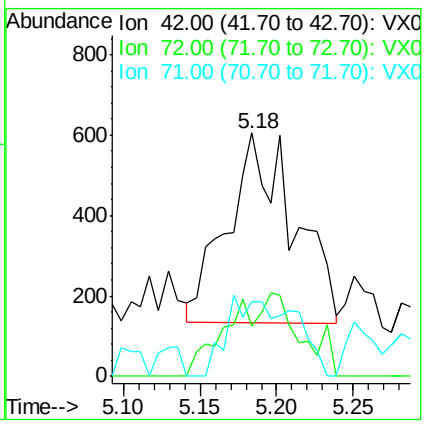


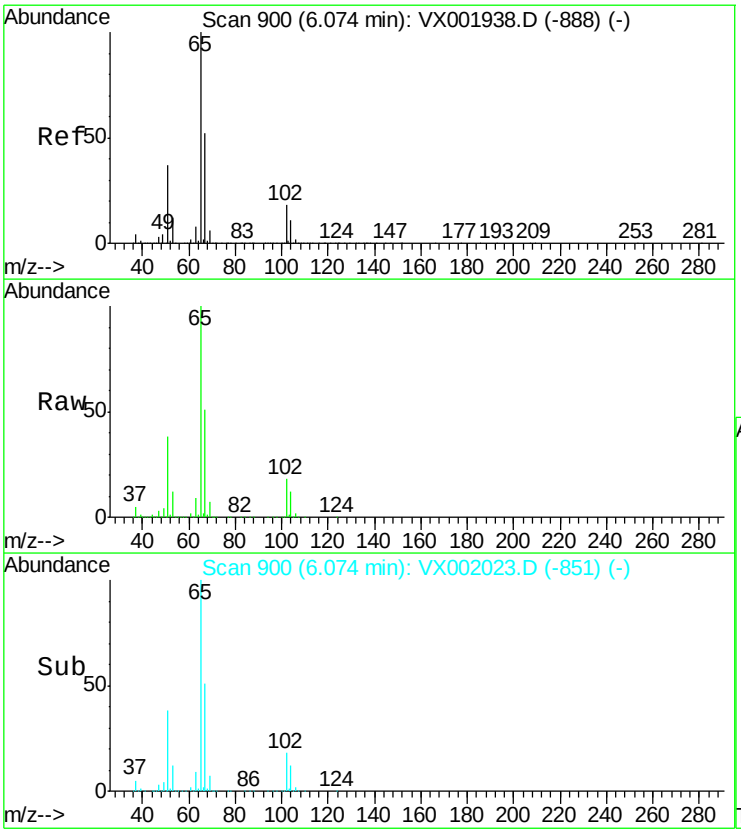
#29
Tetrahydrofuran
Concen: 0.54 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 1423

Ion	Ratio	Lower	Upper
42	100		
72	20.2	31.4	47.0#
71	42.4	29.5	44.3

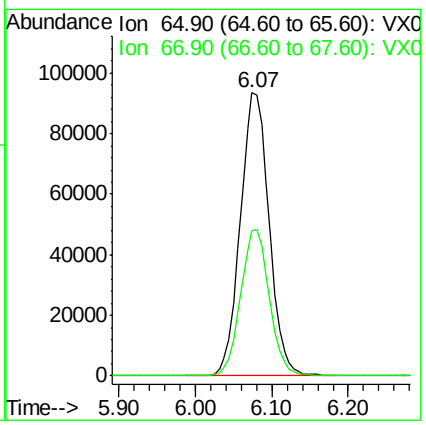


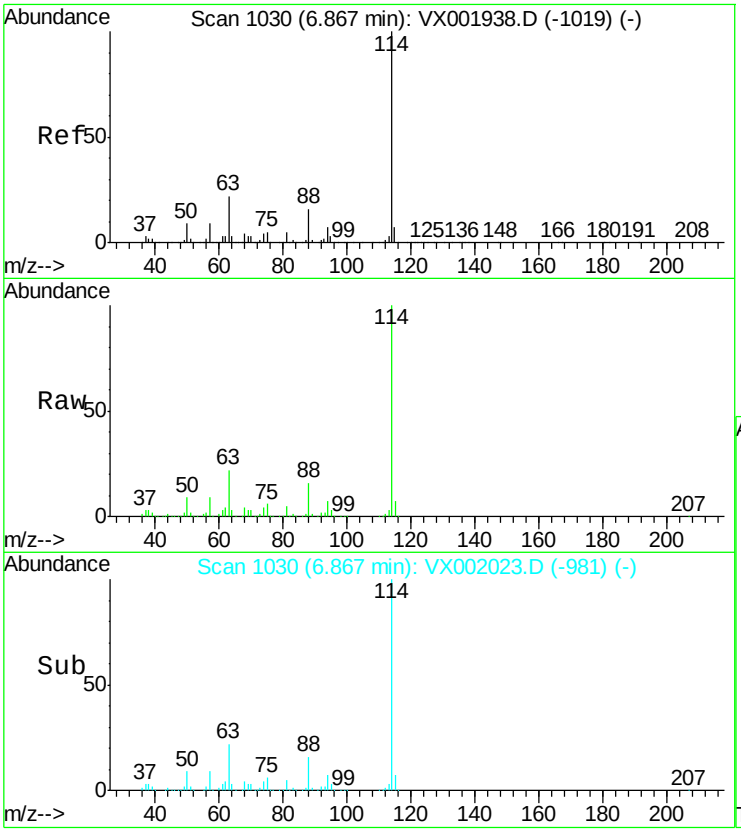


#33
1,2-Dichloroethane-d4
Concen: 42.49 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Tgt Ion: 65 Resp: 244327

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	104.0



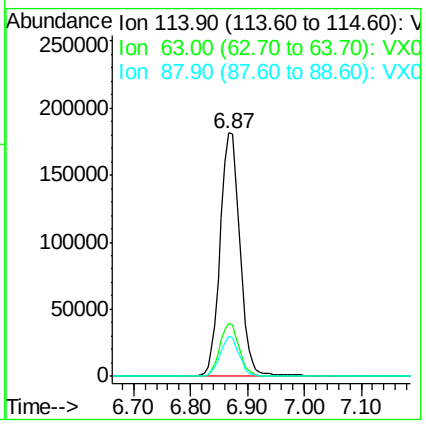


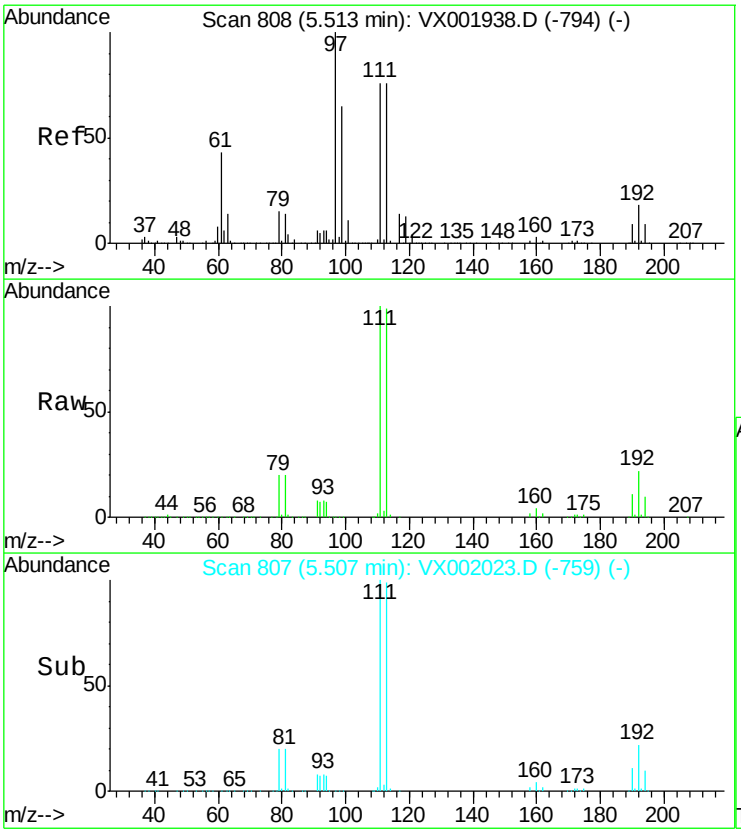
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 441031

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.2
88	16.4	0.0	31.6

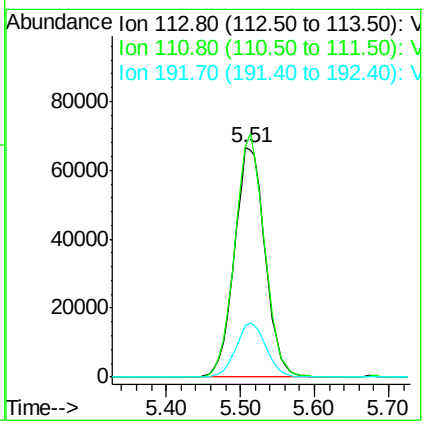


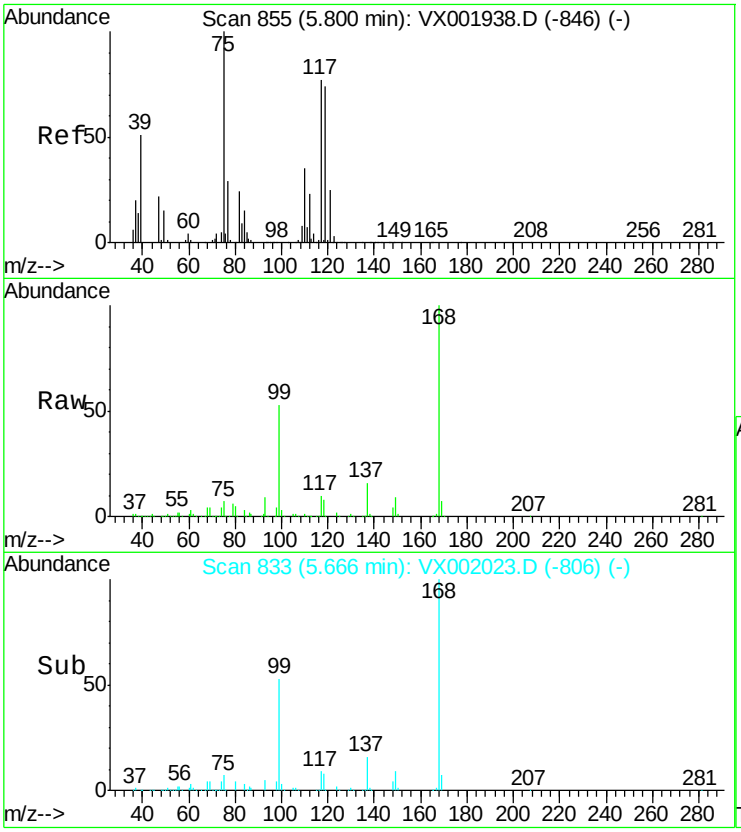


#35
Dibromofluoromethane
Concen: 43.54 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Tgt Ion:113 Resp: 192042

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	23.4	18.9	28.3



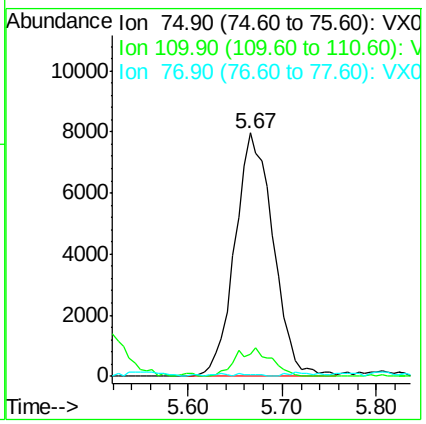


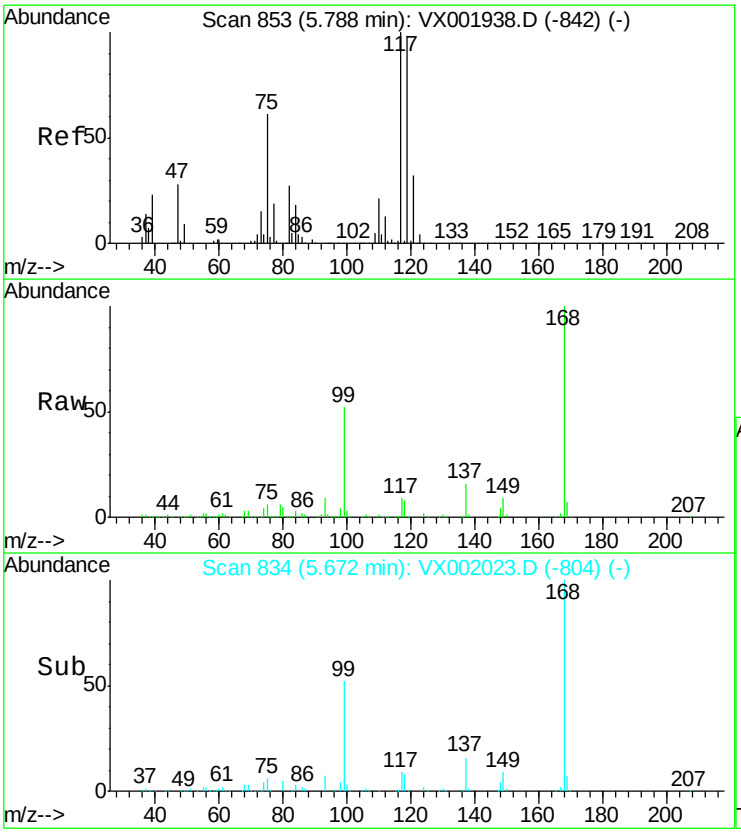
#36
1,1-Dichloropropene
Concen: 3.69 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 22650

Ion	Ratio	Lower	Upper
75	100		
110	10.7	17.4	52.2#
77	0.5	24.4	36.6#

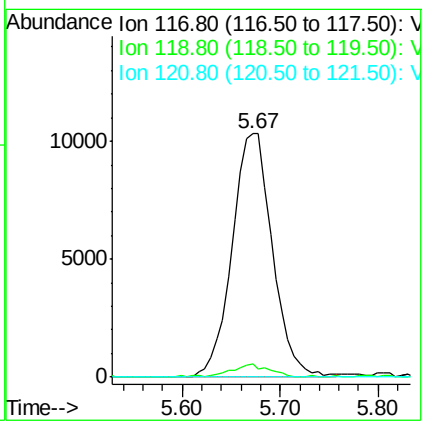


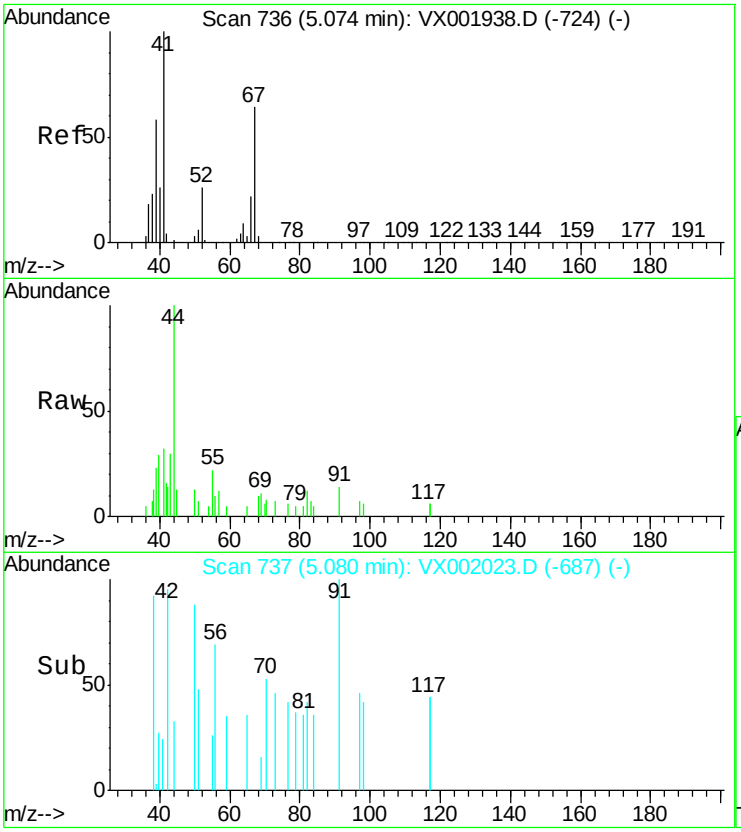


#38
Carbon Tetrachloride
Concen: 4.13 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Tgt Ion:117 Resp: 29577

Ion	Ratio	Lower	Upper
117	100		
119	5.3	78.5	117.7#
121	0.0	25.5	38.3#



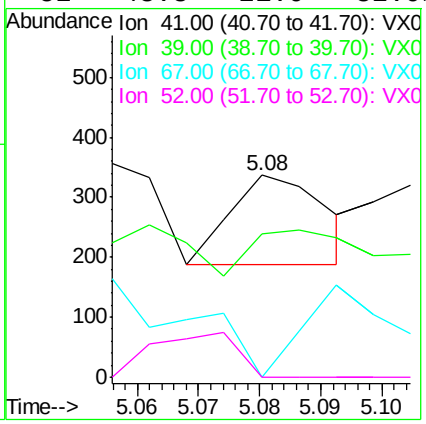


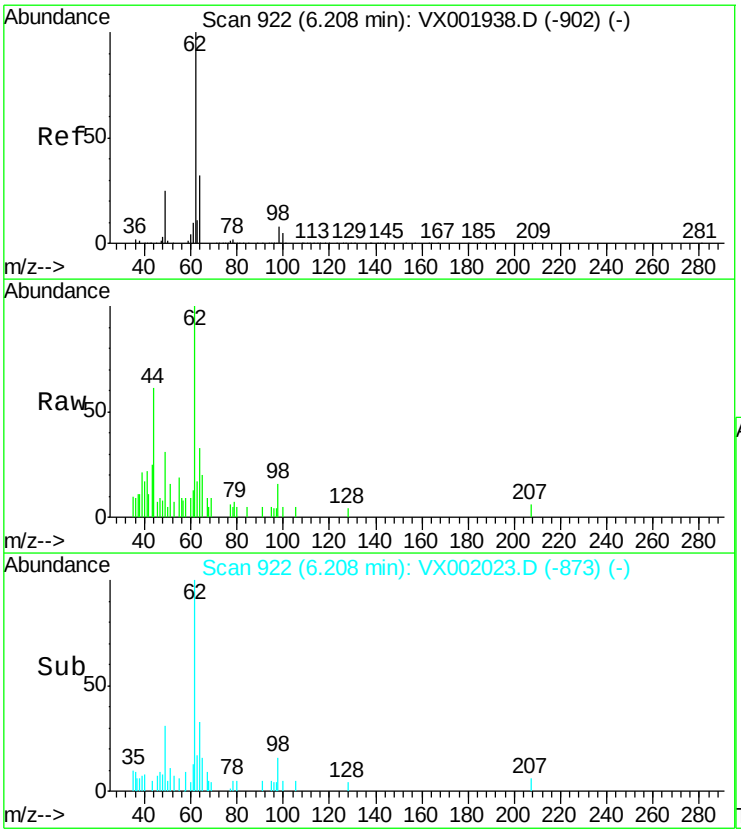
#41
Methacrylonitrile
Concen: Below Cal
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 160

Ion	Ratio	Lower	Upper
41	100		
39	65.0	46.0	69.0
67	92.5	50.6	75.8#
52	43.8	21.9	32.9#

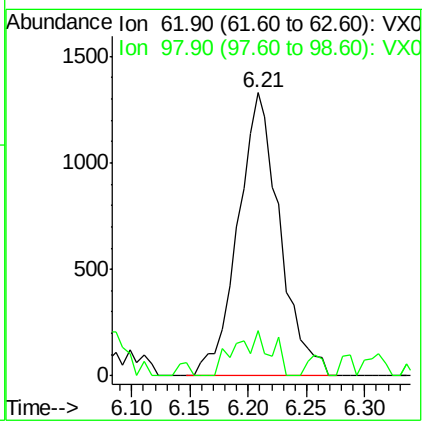


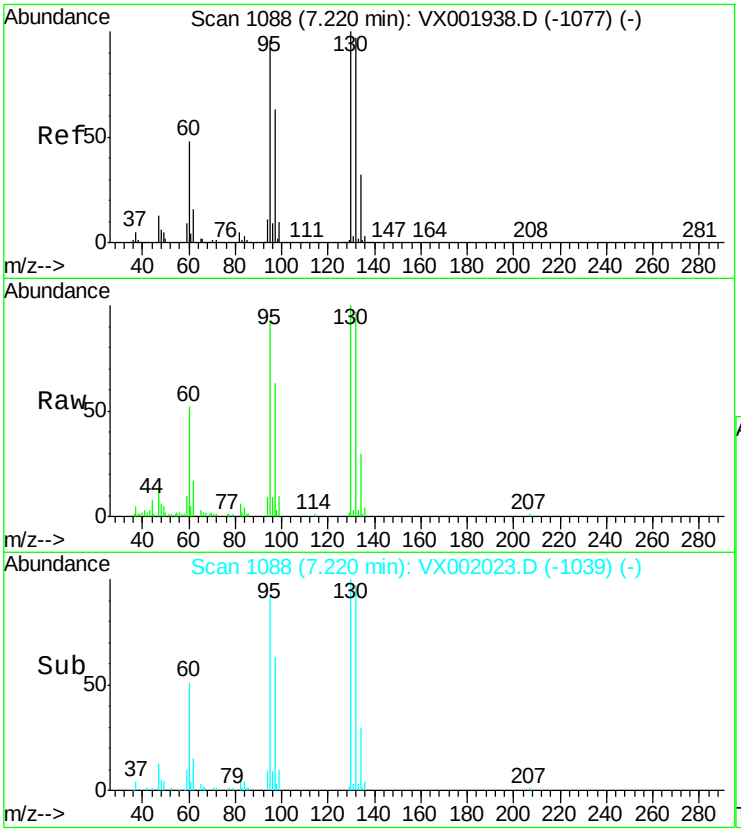


#42
1,2-Dichloroethane
Concen: 0.46 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Tgt Ion: 62 Resp: 3317

Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	17.0



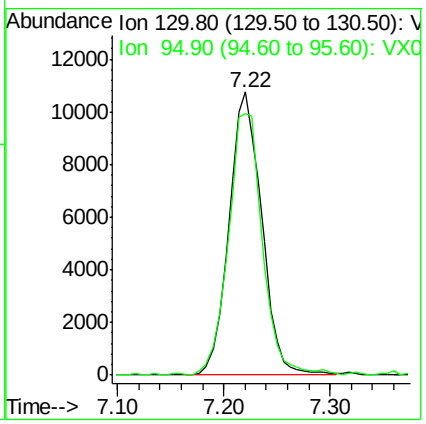


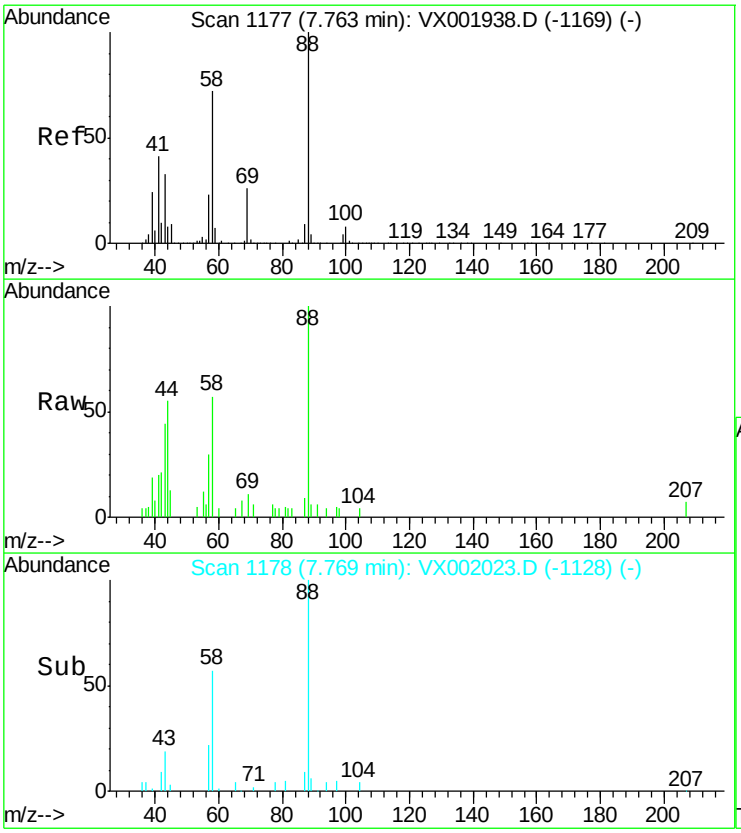
#44
Trichloroethene
Concen: 4.43 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 23185

Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	192.0

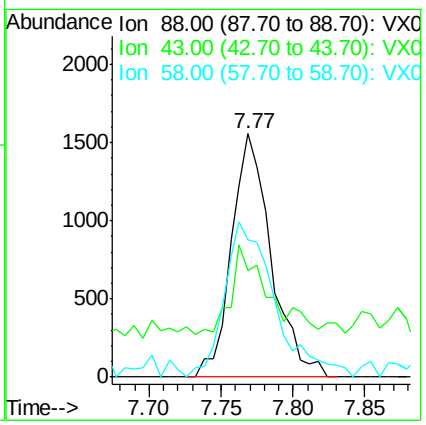


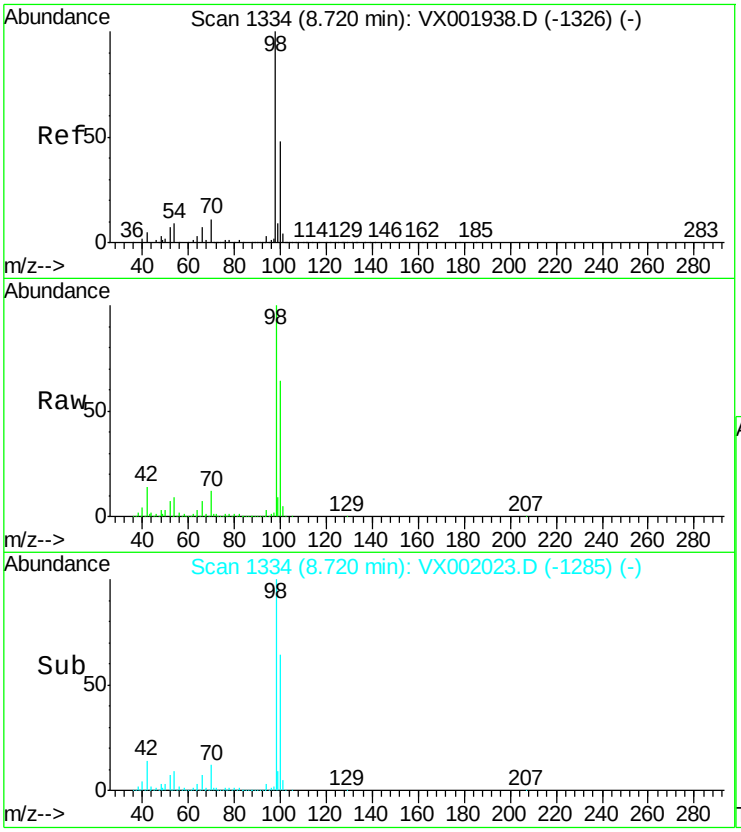


#49
1,4-Dioxane
Concen: 25.03 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Tgt Ion: 88 Resp: 2992

Ion	Ratio	Lower	Upper
88	100		
43	34.8	29.8	44.8
58	80.7	58.7	88.1



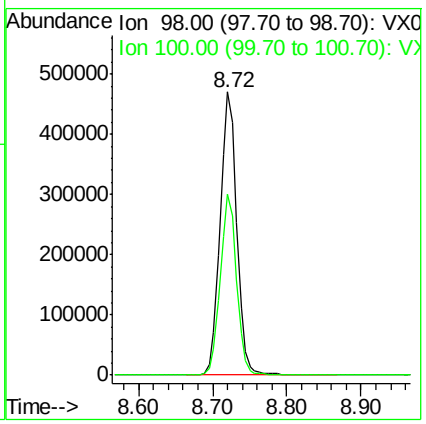


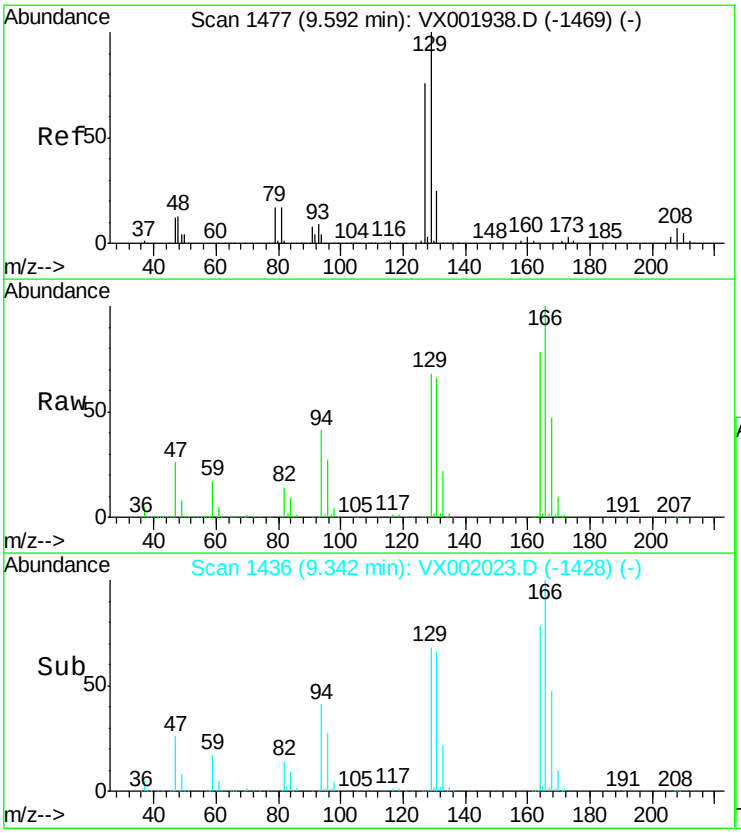
#50
Toluene-d8
Concen: 45.70 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 729714

Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.5	77.3

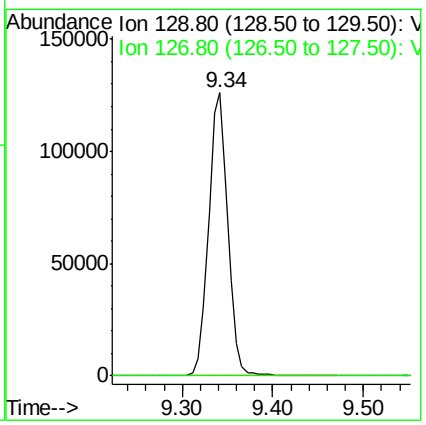


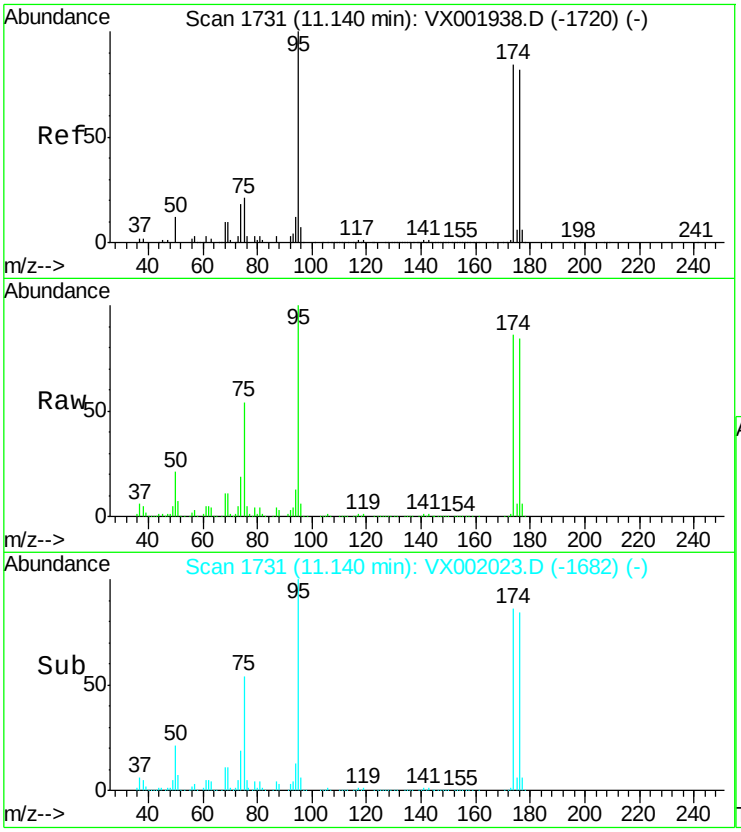


#60
Dibromochloromethane
Concen: 33.25 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Tgt Ion:129 Resp: 188203

Ion	Ratio	Lower	Upper
129	100		
127	0.1	38.3	114.9#



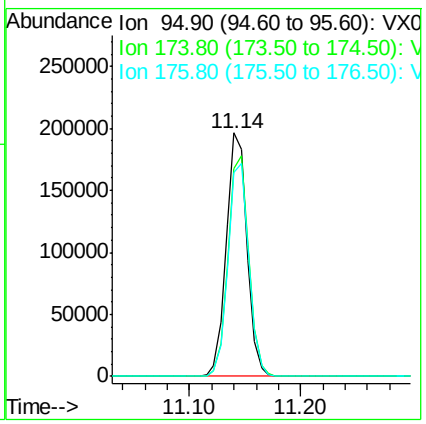


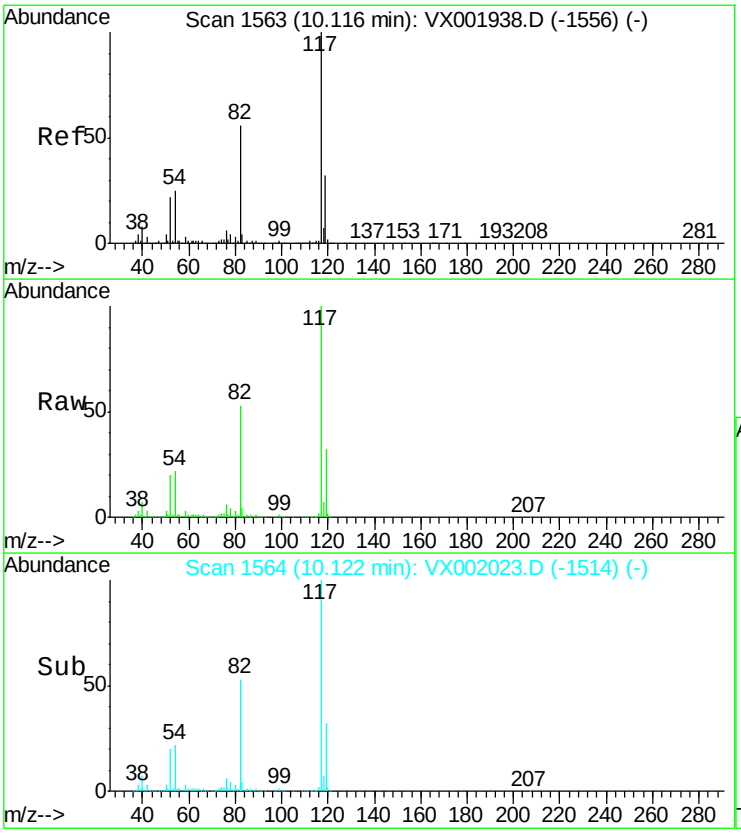
#62
4-Bromofluorobenzene
Concen: 40.25 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 251459

Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	178.8
176	88.4	0.0	175.6

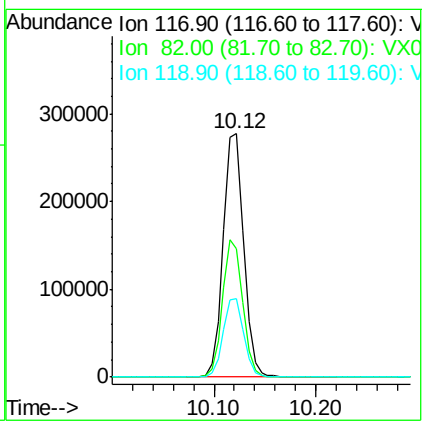


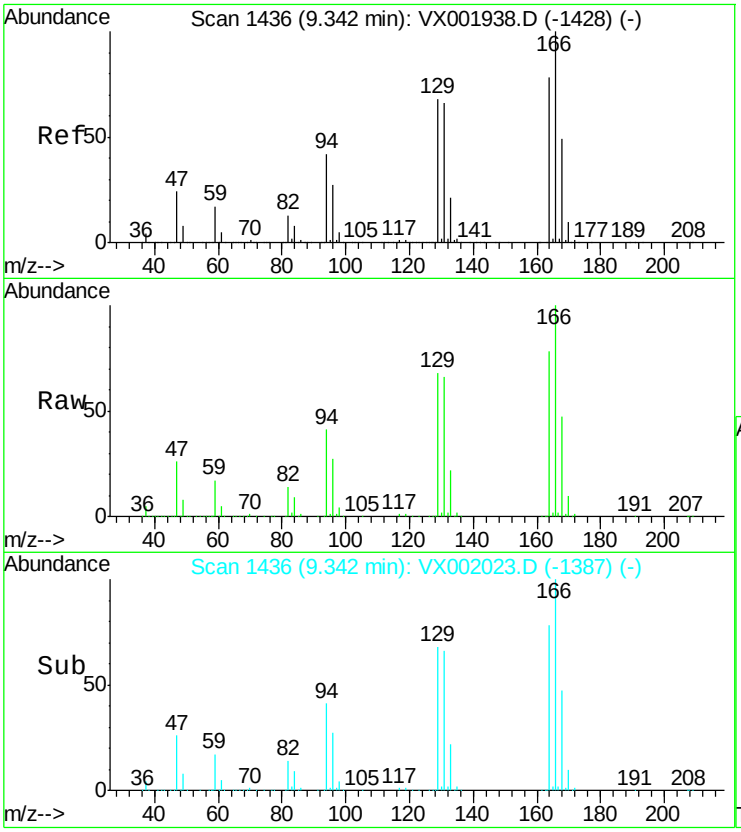


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Tgt Ion:117 Resp: 388402

Ion	Ratio	Lower	Upper
117	100		
82	52.7	44.8	67.2
119	32.1	25.5	38.3



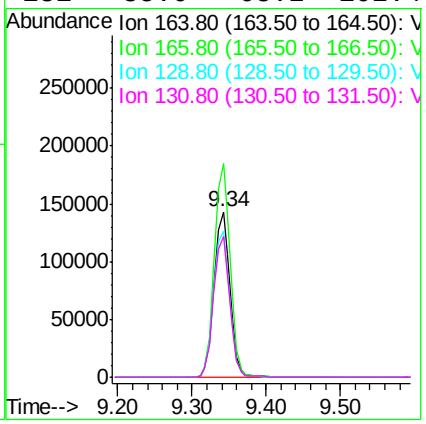


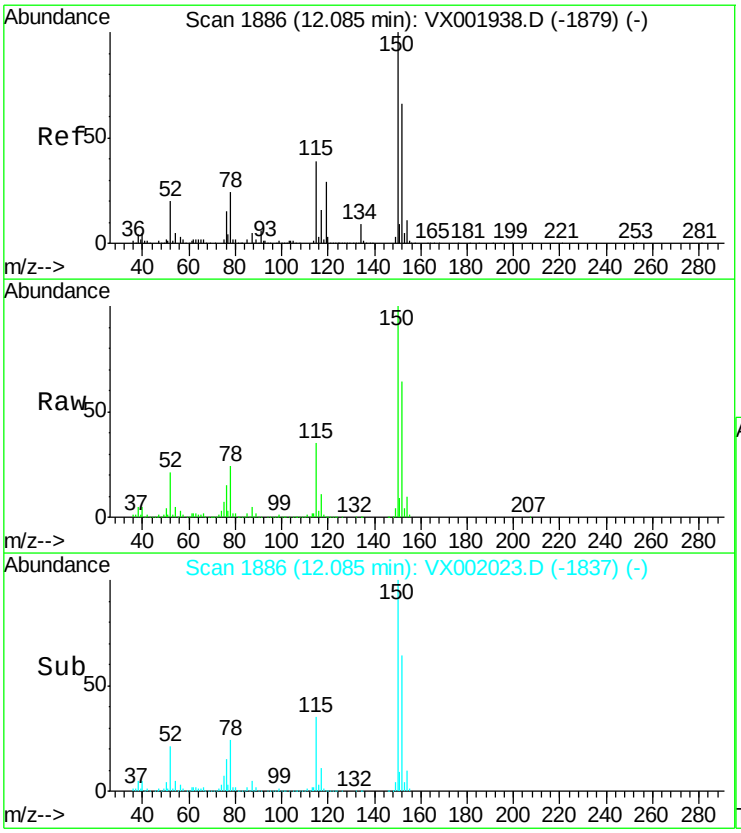
#64
Tetrachloroethene
Concen: 37.51 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:164 Resp: 208908

Ion	Ratio	Lower	Upper
164	100		
166	128.9	102.7	154.1
129	88.0	70.3	105.5
131	85.0	68.2	102.4

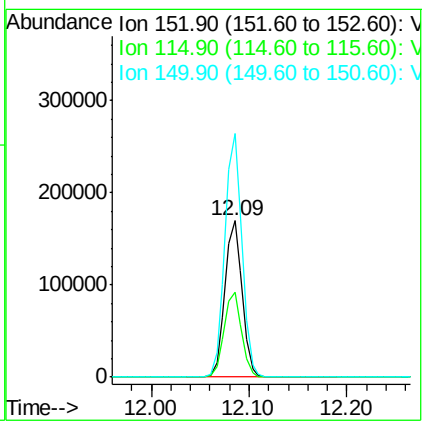


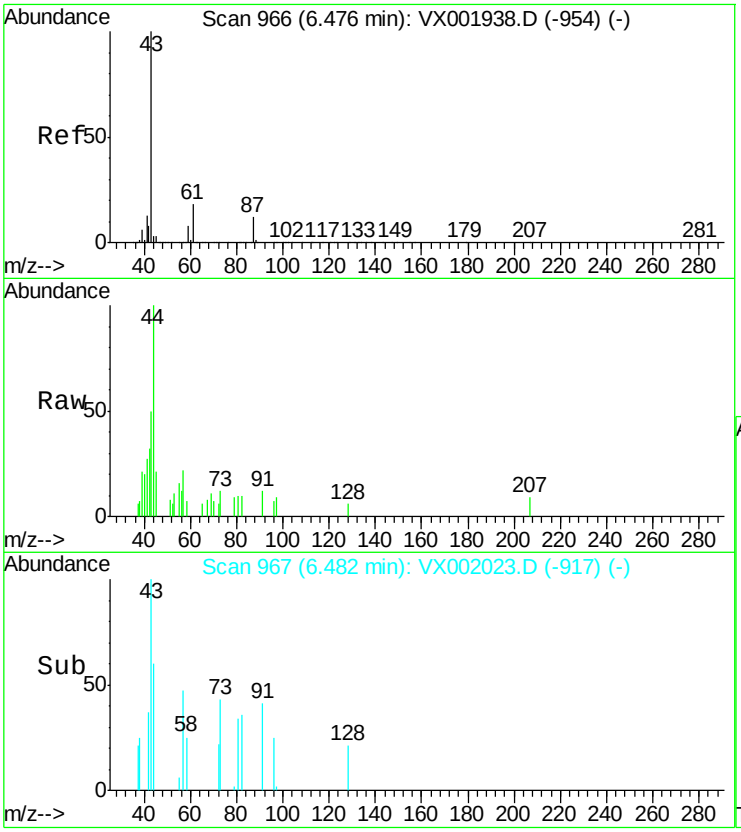


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Tgt Ion:152 Resp: 207349

Ion	Ratio	Lower	Upper
152	100		
115	55.1	42.3	126.8
150	155.6	0.0	351.0



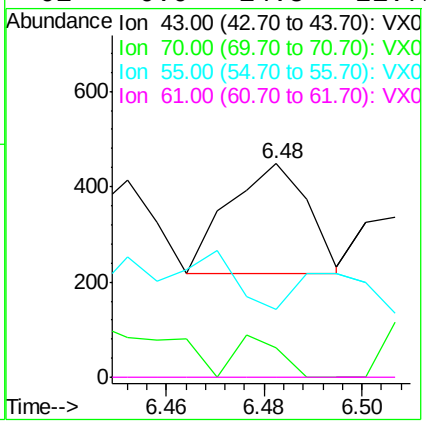


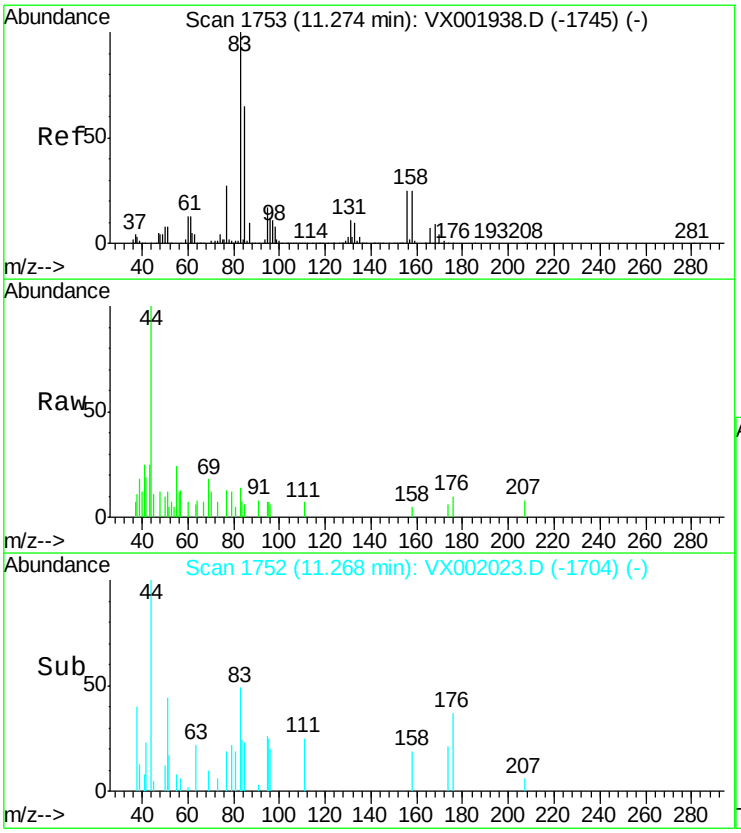
#74
N-amyl acetate
Concen: Below Cal
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 259

Ion	Ratio	Lower	Upper
43	100		
70	21.2	0.1	0.1#
55	33.2	0.1	0.1#
61	0.0	14.5	21.7#

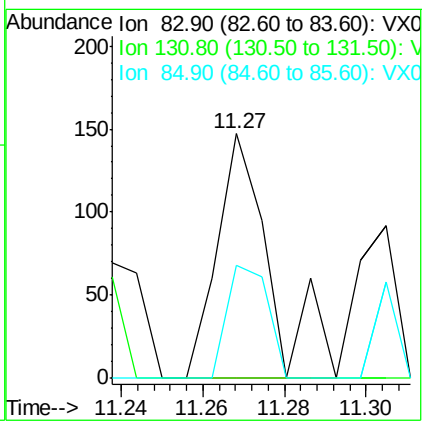


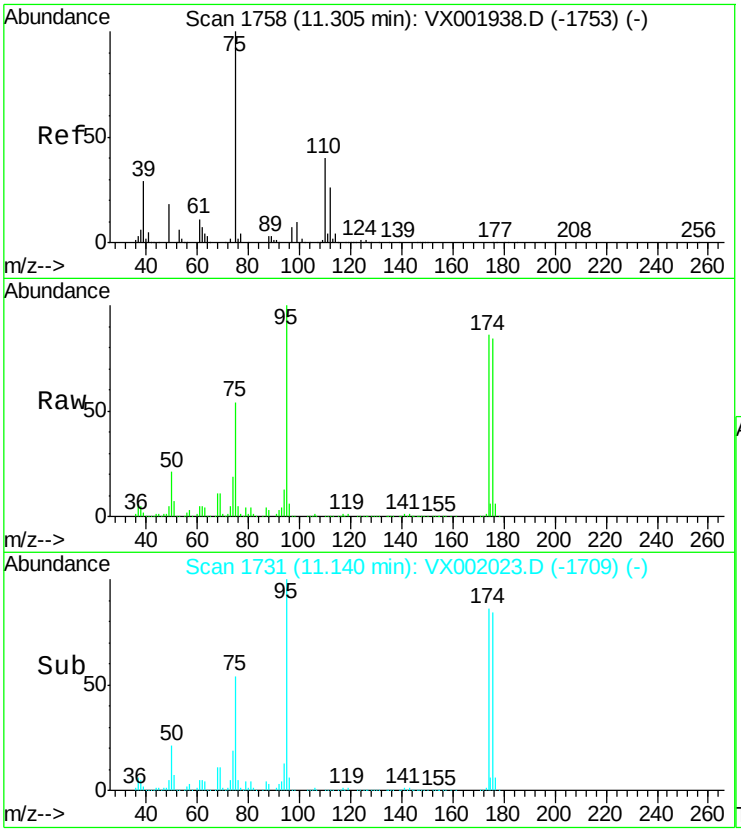


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.27 min Scan# 1752
Delta R.T. -0.01 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Tgt Ion: 83 Resp: 132

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.0#
85	35.6	32.6	97.7



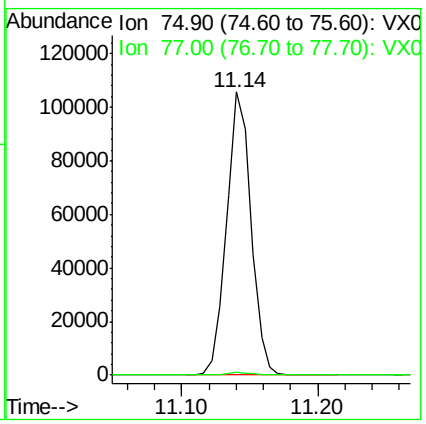


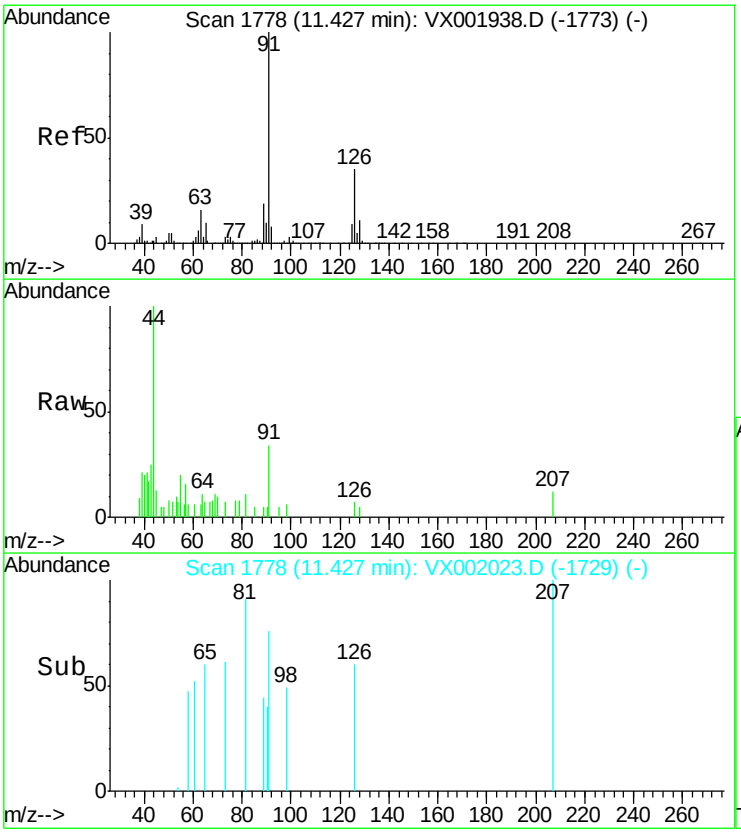
#76
1,2,3-Trichloropropane
Concen: 26.45 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 131709

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#

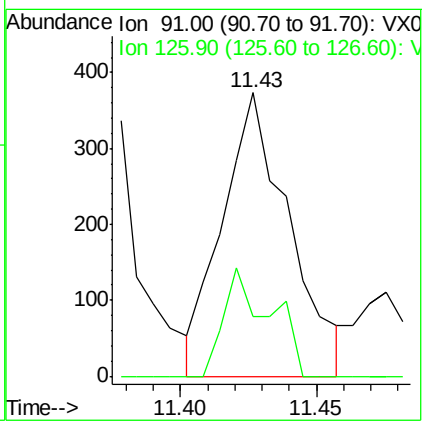


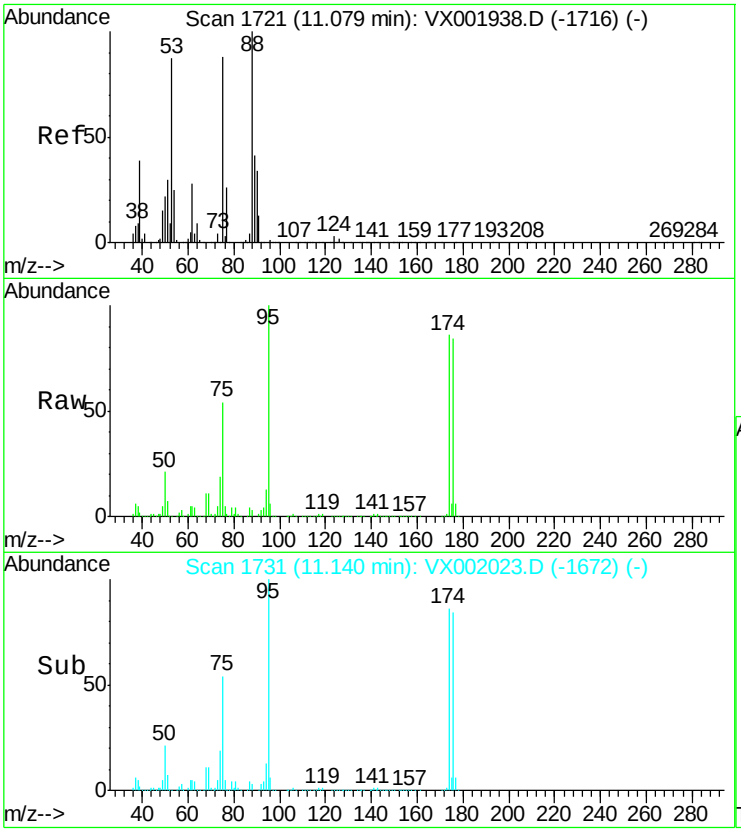


#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Tgt Ion: 91 Resp: 634

Ion	Ratio	Lower	Upper
91	100		
126	26.3	17.4	52.2





#81
trans-1,4-Dichloro-2-butene
Concen: 63.56 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002023.D
Acq: 26 May 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 131709

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