Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052618\
Data File : VX002022.D
Acq On : 26 May 2018 16:46
Operator : JC/MD
Sample : J3118-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 28 00:32:59 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	303586	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	409623	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358447	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	187950	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.08	65	228069	42.03 ug/l	0.00
Spiked Amount 50.000			Recovery = 84.06%		
35) Dibromofluoromethane	5.51	113	180652	44.10 ug/l	0.00
Spiked Amount 50.000			Recovery = 88.20%		
50) Toluene-d8	8.72	98	682917	46.05 ug/l	0.00
Spiked Amount 50.000			Recovery = 92.10%		
62) 4-Bromofluorobenzene	11.14	95	233471	40.24 ug/l	0.00
Spiked Amount 50.000			Recovery = 80.48%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	381	Below Cal	86
4) Vinyl Chloride	1.40	62	2971	0.66 ug/l	98
5) Bromomethane	1.64	94	1610	Below Cal	95
6) Chloroethane	1.71	64	562	0.21 ug/l #	68
10) Methyl Iodide	2.52	142	2920	0.57 ug/l #	86
11) Tert butyl alcohol	3.08	59	1944	1.83 ug/l #	61
12) 1,1-Dichloroethene	2.38	96	117770	33.28 ug/l	98
13) Acrolein	2.29	56	262	0.57 ug/l #	79
16) Acetone	2.45	43	3732	1.78 ug/l #	85
18) Methyl Acetate	2.79	43	1704	Below Cal #	86
19) Methyl tert-butyl Ether	3.22	73	4758	0.36 ug/l #	87
20) Methylene Chloride	2.86	84	416	Below Cal #	62
21) trans-1,2-Dichloroethene	3.17	96	3796	Below Cal	96
24) 1,1-Dichloroethane	3.70	63	7162	1.00 ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	48488	10.51 ug/l	97
28) Bromochloromethane	5.02	49	57	Below Cal #	14
29) Tetrahydrofuran	5.18	42	1568	0.63 ug/l #	65
36) 1,1-Dichloropropene	5.68	75	21275	3.73 ug/l #	53
38) Carbon Tetrachloride	5.67	117	27408	4.13 ug/l #	14
41) Methacrylonitrile	5.07	41	96	Below Cal #	1
42) 1,2-Dichloroethane	6.21	62	3519	0.53 ug/l	97
44) Trichloroethene	7.22	130	18804	3.87 ug/l	98
49) 1,4-Dioxane	7.77	88	2576	23.21 ug/l #	91
60) Dibromochloromethane	9.34	129	177955	33.85 ug/l #	11
64) Tetrachloroethene	9.34	164	198017	38.53 ug/l	100
74) N-amyl acetate	6.46	43	70	Below Cal #	59
75) 1,1,2,2-Tetrachloroethane	11.25	83	82	Below Cal #	1
76) 1,2,3-Trichloropropane	11.14	75	122759	27.19 ug/l #	33
79) 2-Chlorotoluene	11.43	91	872	Below Cal	78
81) trans-1,4-Dichloro-2-buten	11.14	75	122759	65.35 ug/l #	10

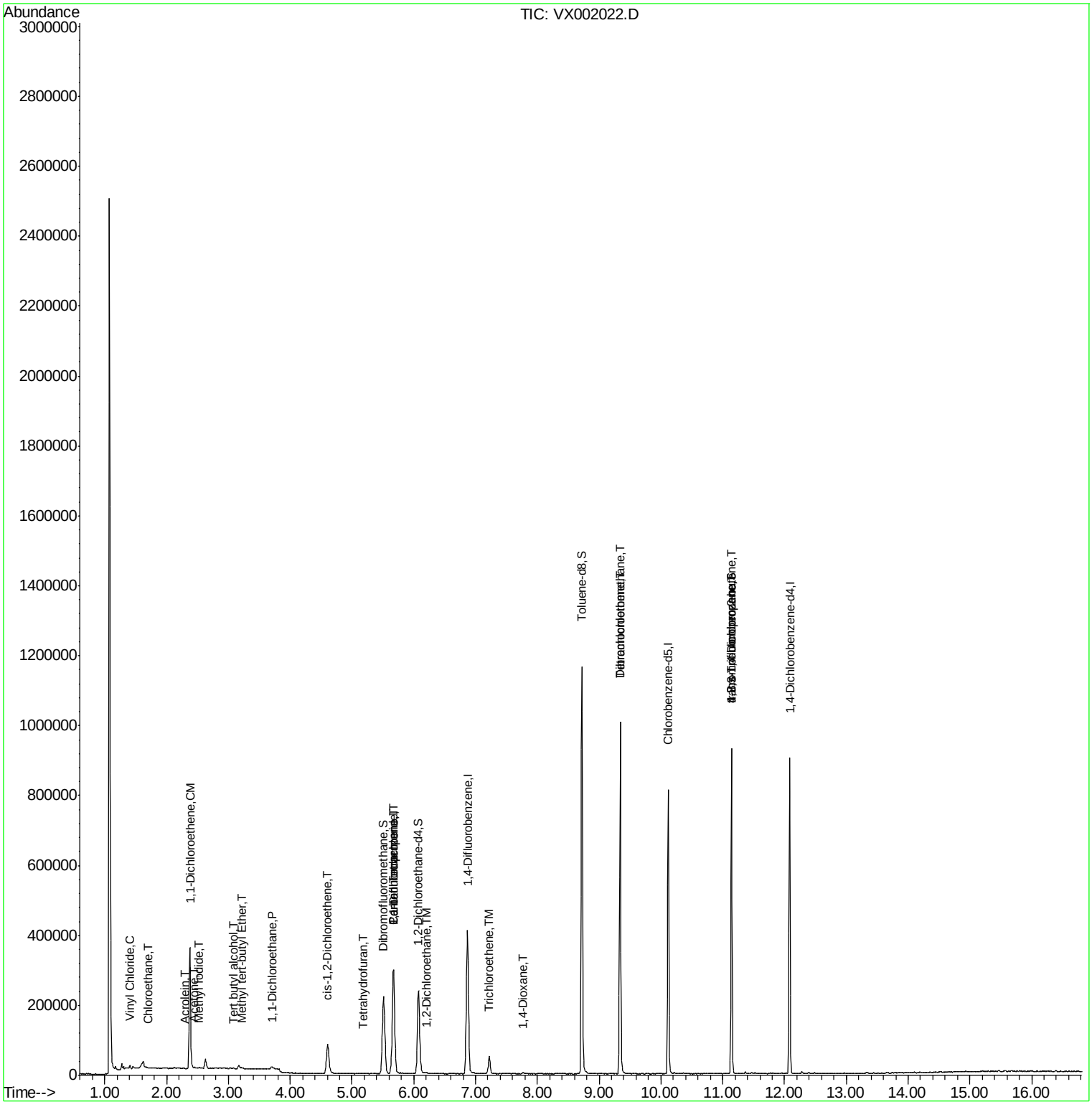
(#) = qualifier out of range (m) = manual integration (+) = signals summed

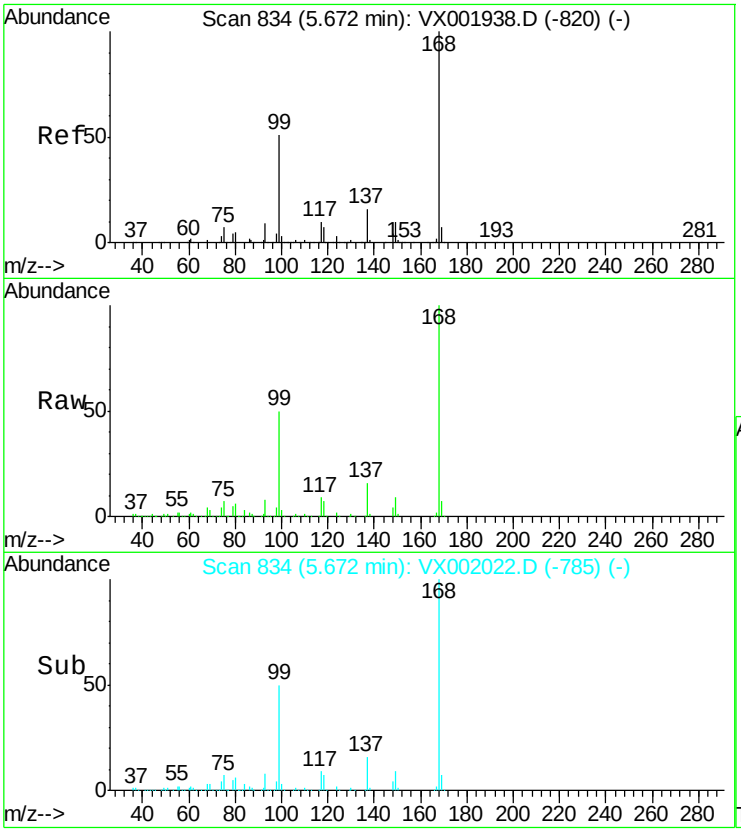
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052618\
Data File : VX002022.D
Acq On : 26 May 2018 16:46
Operator : JC/MD
Sample : J3118-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 28 00:32:59 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



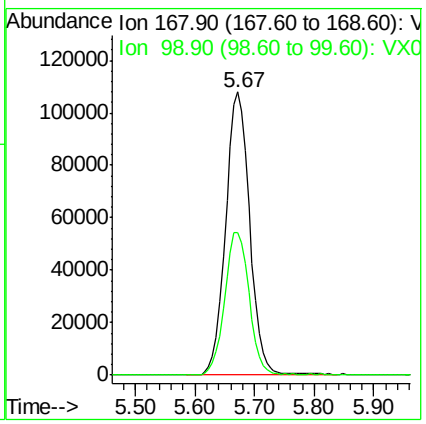


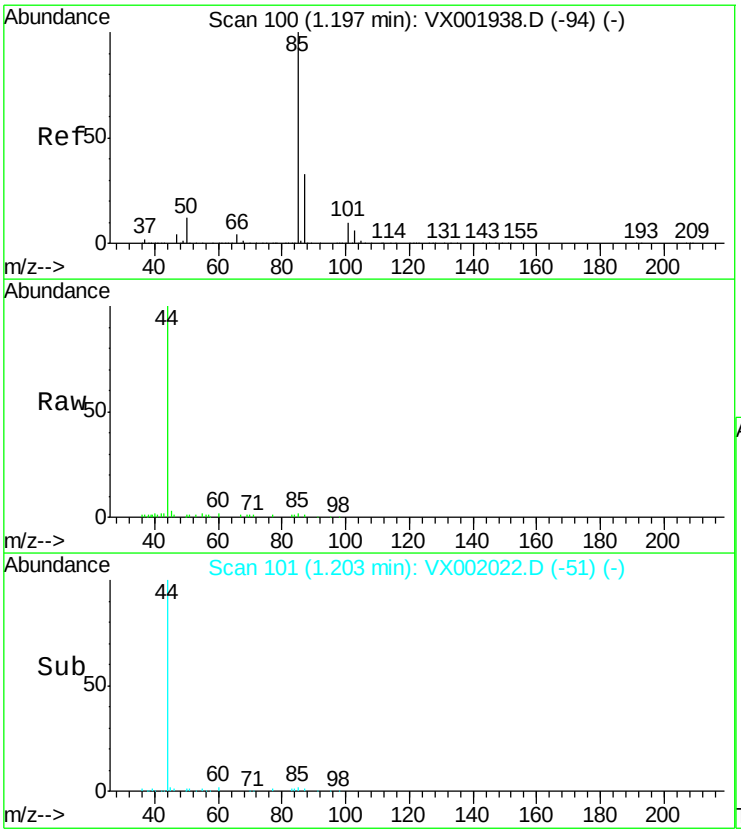
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 303586

Ion	Ratio	Lower	Upper
168	100		
99	50.4	41.0	61.4

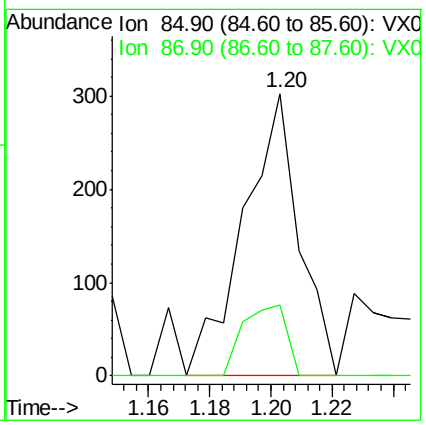


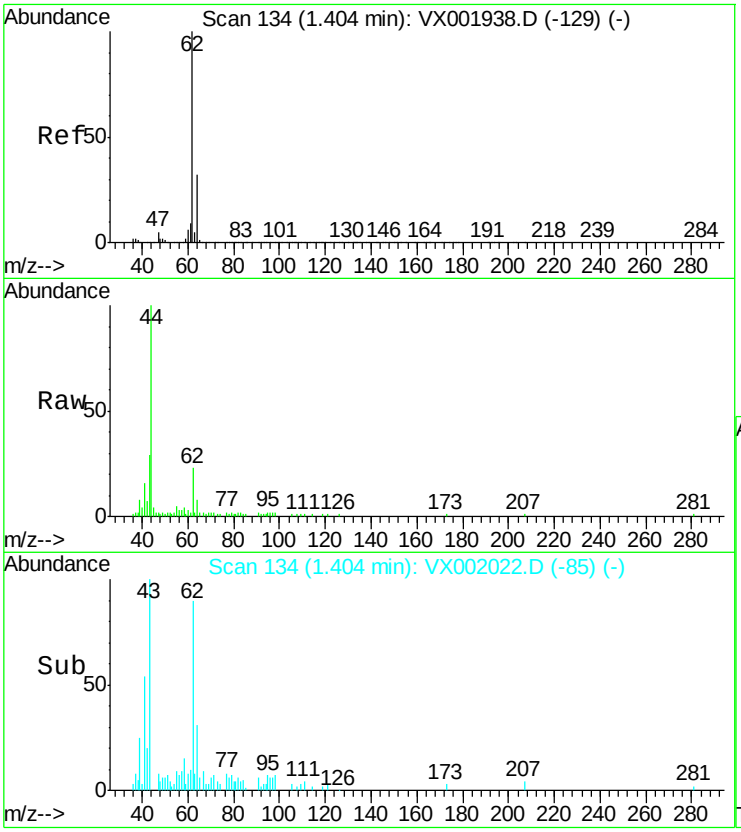


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 101
Delta R.T. 0.01 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Tgt Ion: 85 Resp: 381

Ion	Ratio	Lower	Upper
85	100		
87	25.1	16.7	50.0



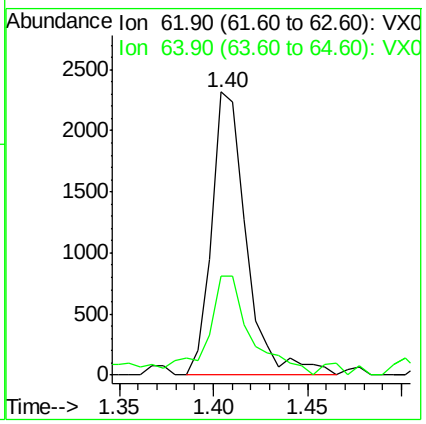


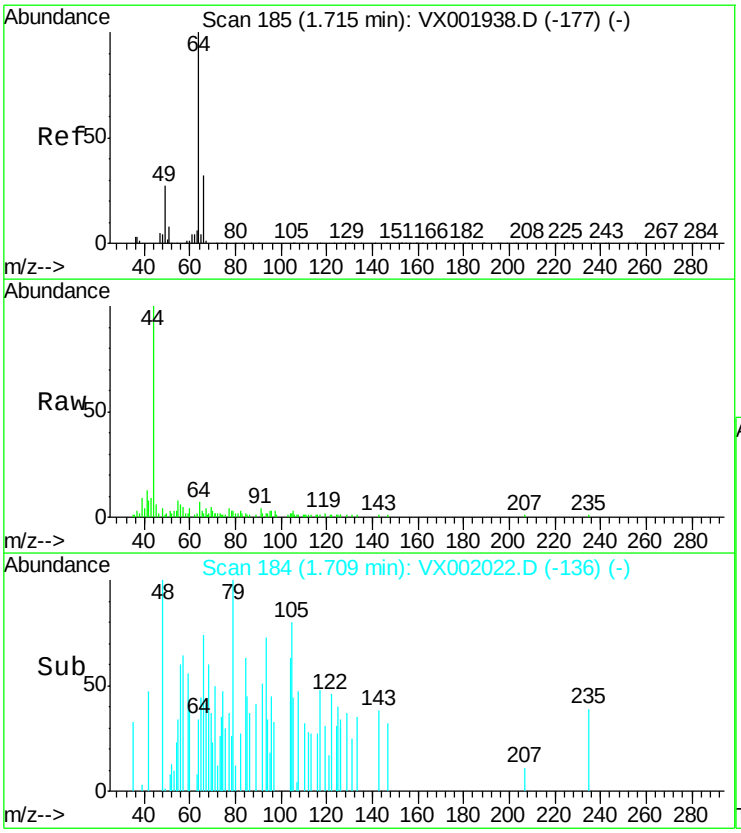
#4
Vinyl Chloride
Concen: 0.66 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 2971

Ion	Ratio	Lower	Upper
62	100		
64	30.7	25.4	38.0

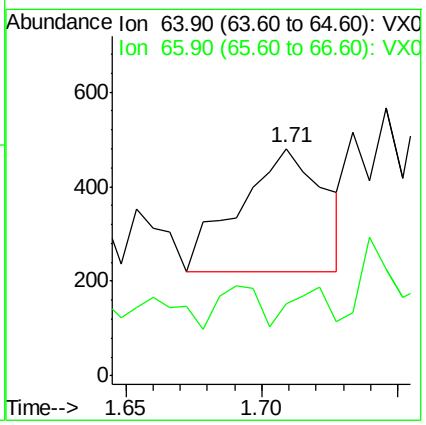


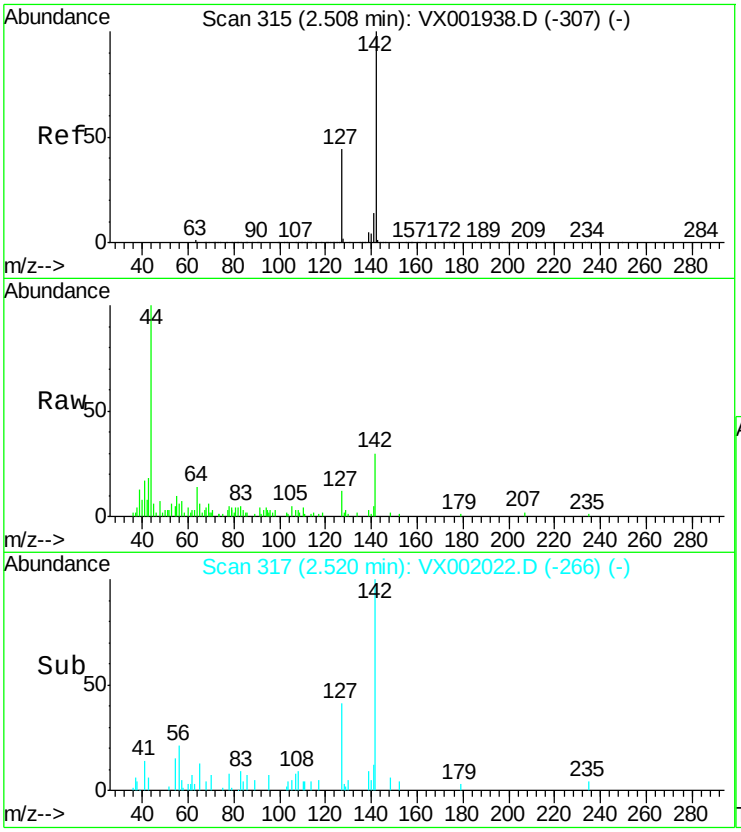


#6
Chloroethane
Concen: 0.21 ug/l
RT: 1.71 min Scan# 184
Delta R.T. -0.01 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Tgt Ion: 64 Resp: 562

Ion	Ratio	Lower	Upper
64	100		
66	14.2	25.6	38.4#



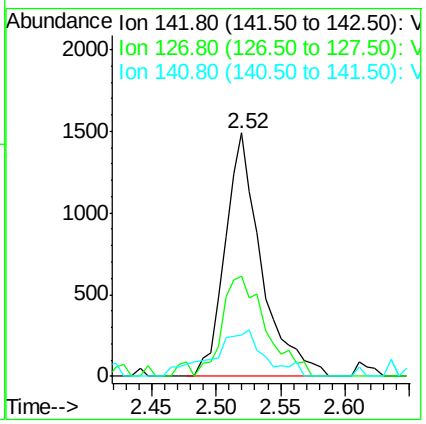


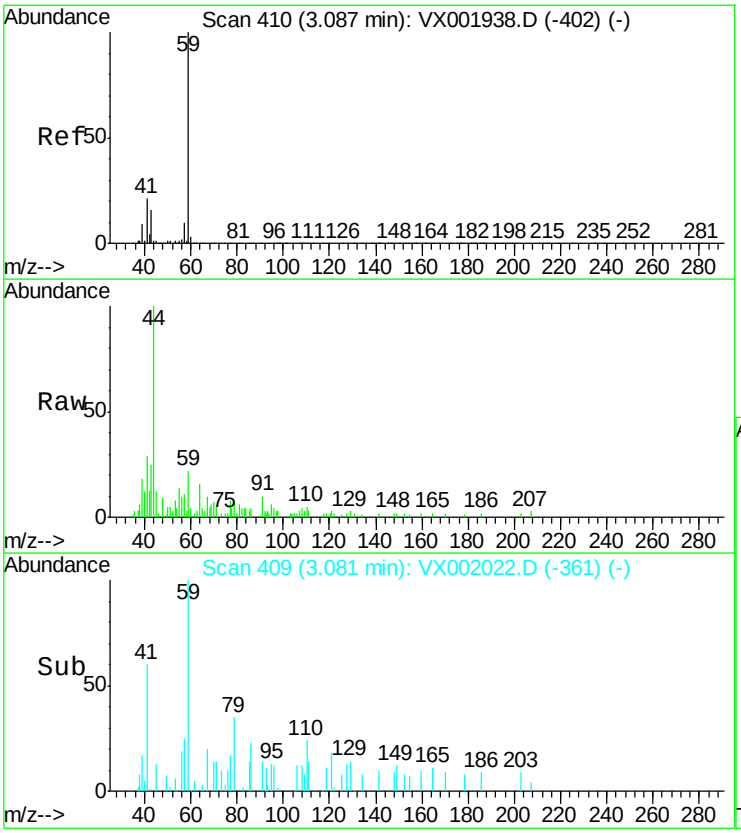
#10
Methyl Iodide
Concen: 0.57 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 2920

Ion	Ratio	Lower	Upper
142	100		
127	49.8	35.5	53.3
141	27.0	11.3	16.9#

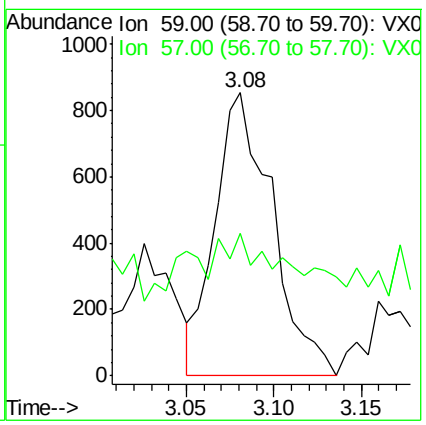


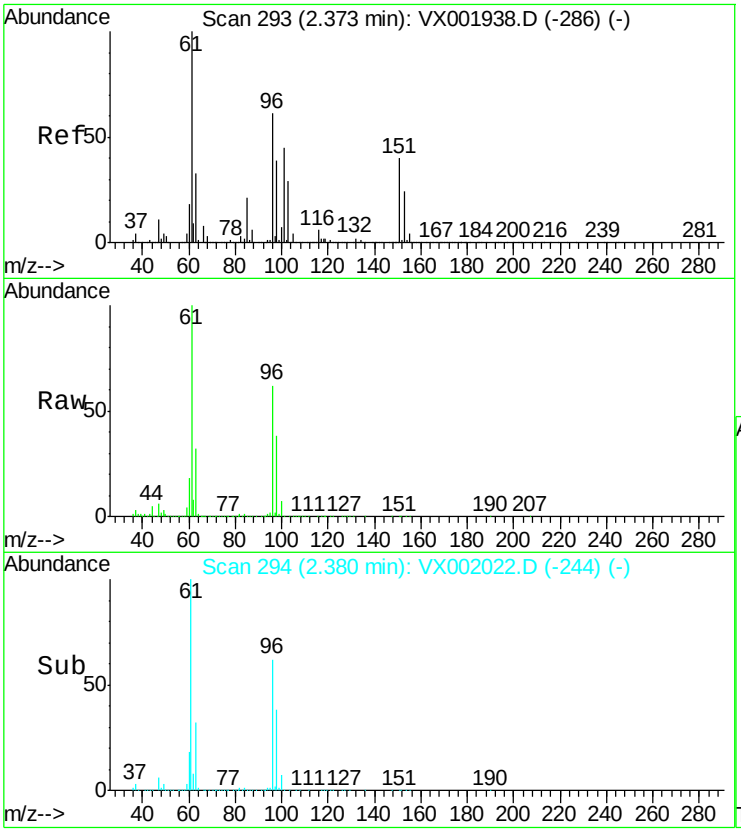


#11
Tert butyl alcohol
Concen: 1.83 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Tgt Ion: 59 Resp: 1944

Ion	Ratio	Lower	Upper
59	100		
57	26.0	8.9	13.3#



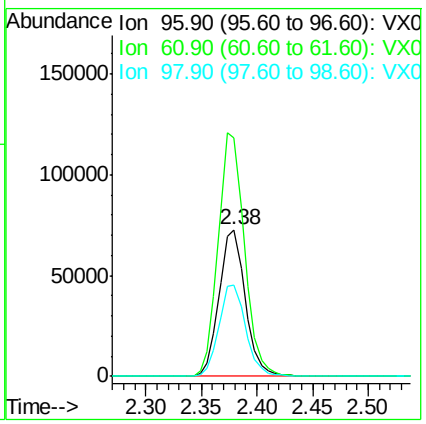


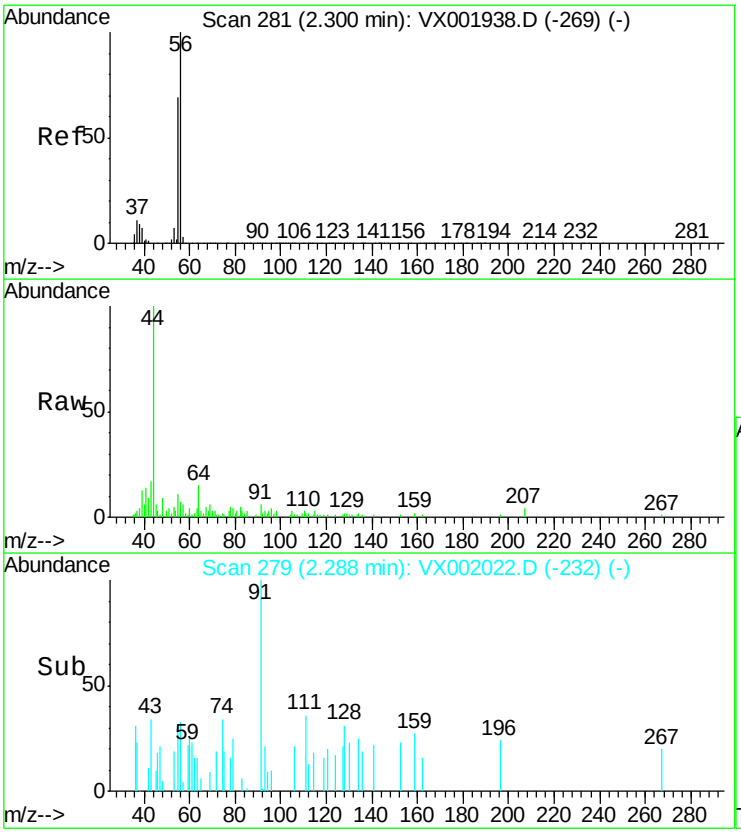
#12
1,1-Dichloroethene
Concen: 33.28 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 117770

Ion	Ratio	Lower	Upper
96	100		
61	162.2	131.7	197.5
98	62.1	51.6	77.4

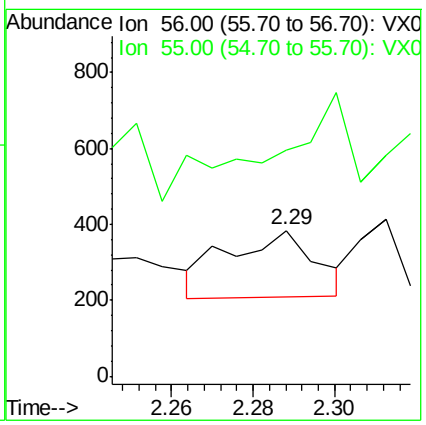


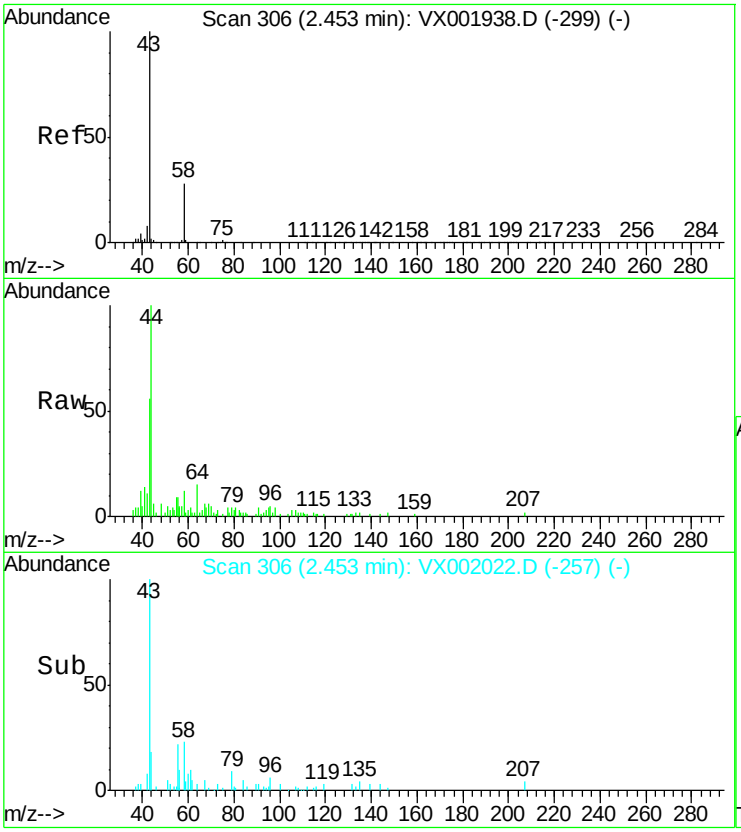


#13
Acrolein
Concen: 0.57 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Tgt Ion: 56 Resp: 262

Ion	Ratio	Lower	Upper
56	100		
55	88.2	56.8	85.2#



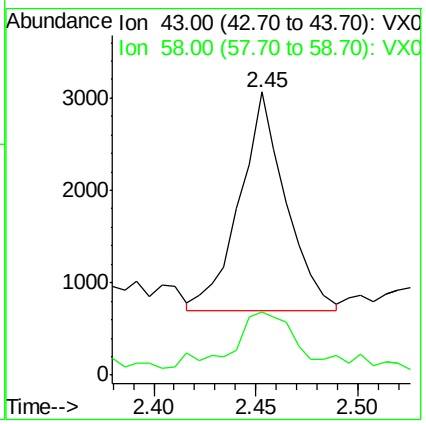


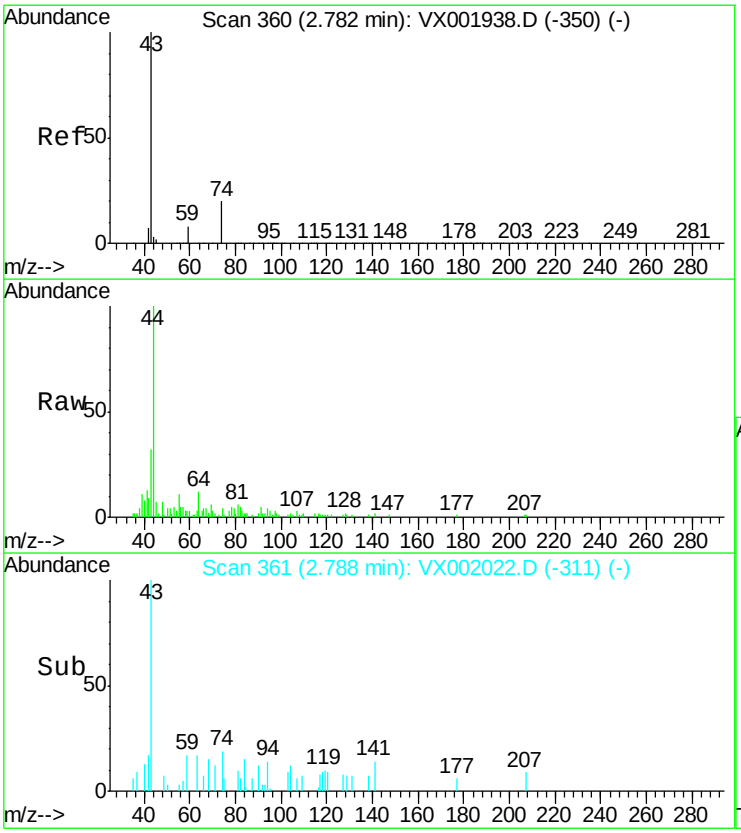
#16
Acetone
Concen: 1.78 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3732

Ion	Ratio	Lower	Upper
43	100		
58	20.2	22.3	33.5#

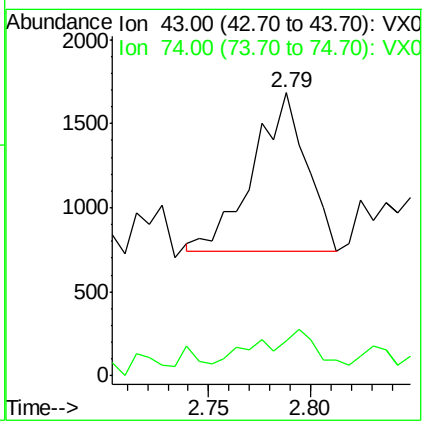


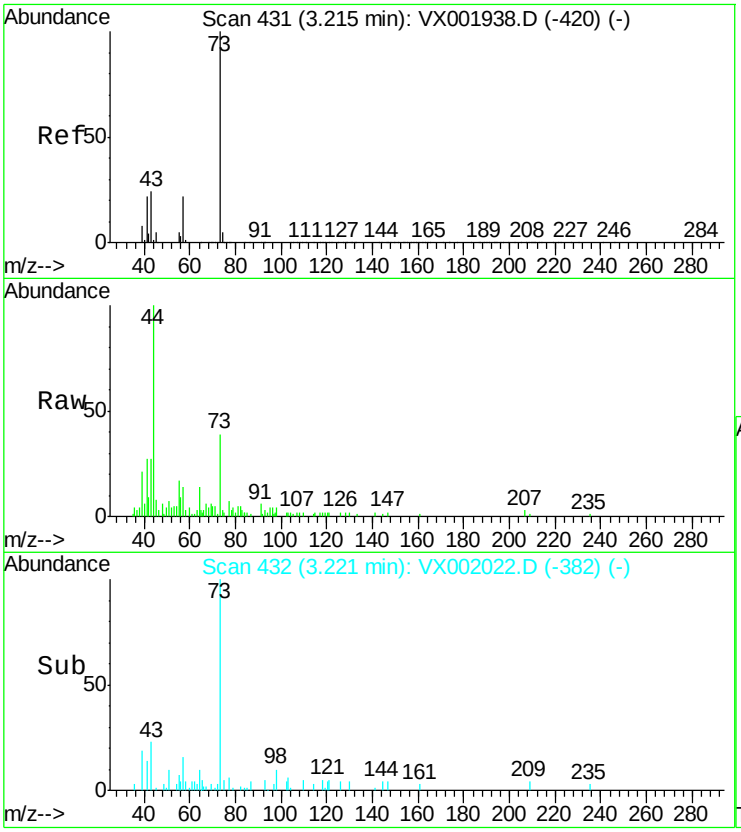


#18
Methyl Acetate
Concen: Below Cal
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Tgt Ion: 43 Resp: 1704

Ion	Ratio	Lower	Upper
43	100		
74	27.6	16.8	25.2#



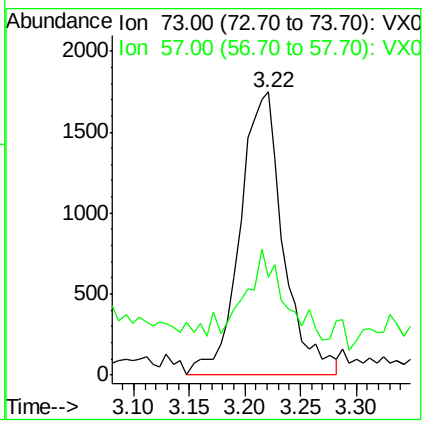


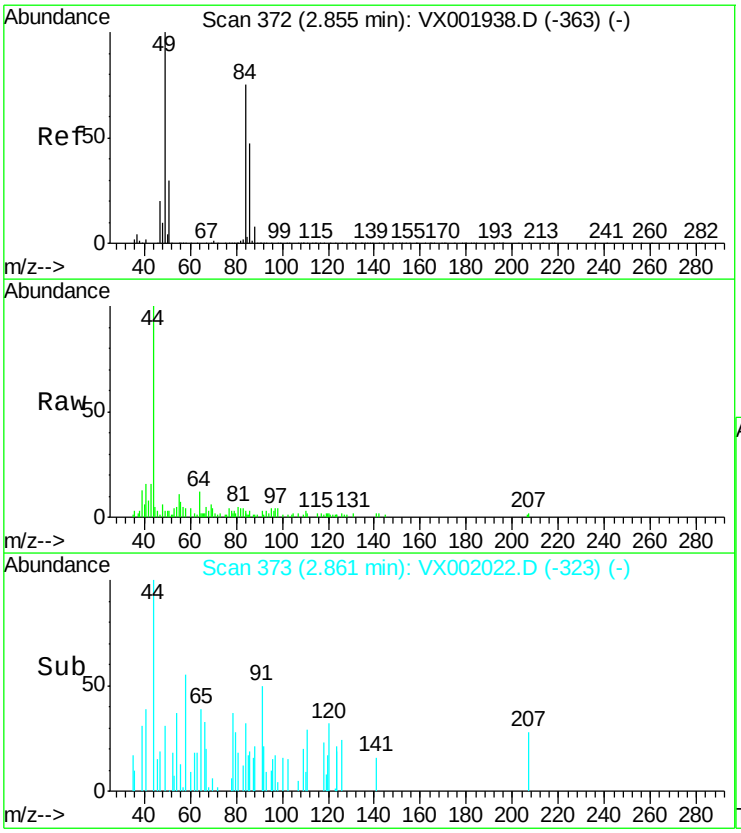
#19
Methyl tert-butyl Ether
Concen: 0.36 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 4758

Ion	Ratio	Lower	Upper
73	100		
57	15.7	17.4	26.0#

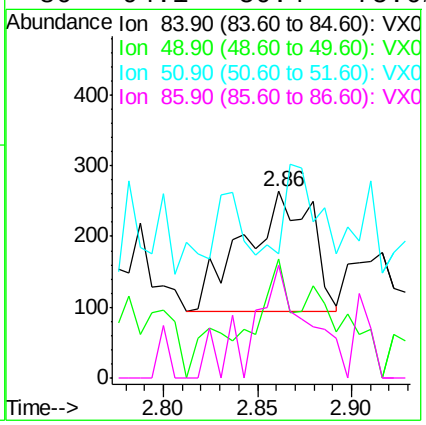


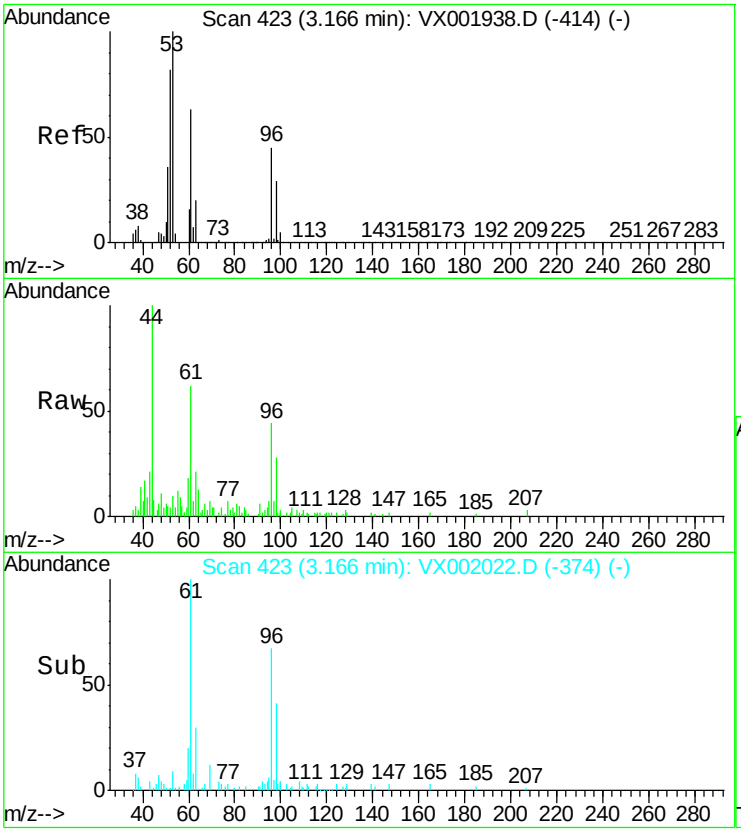


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Tgt Ion: 84 Resp: 416

Ion	Ratio	Lower	Upper
84	100		
49	100.0	107.2	160.8#
51	0.6	32.4	48.6#
86	94.1	50.4	75.6#



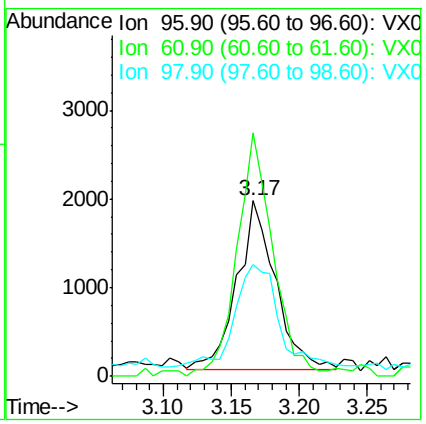


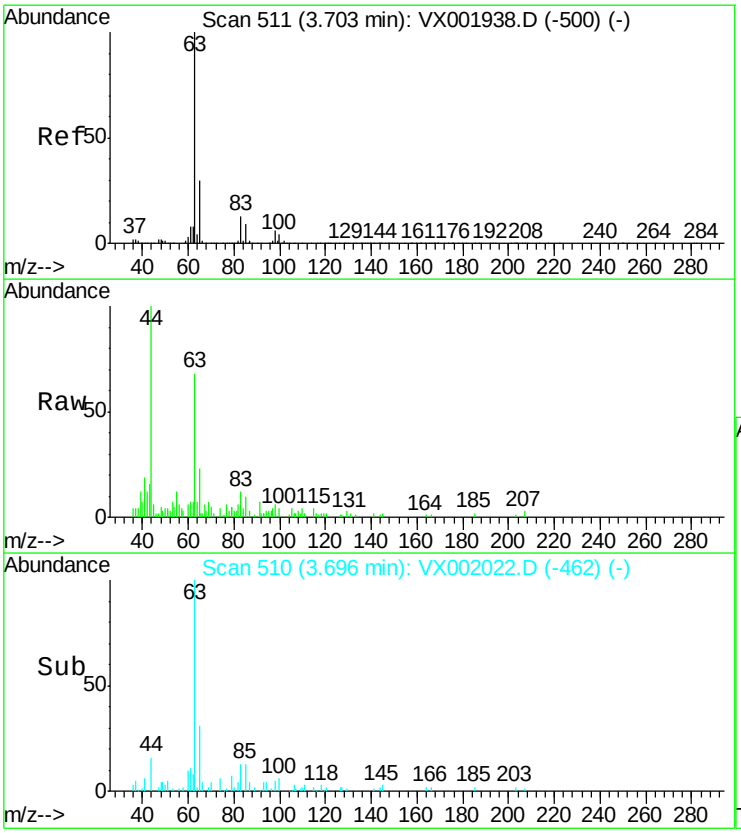
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 3796

Ion	Ratio	Lower	Upper
96	100		
61	146.1	113.3	169.9
98	59.8	51.7	77.5

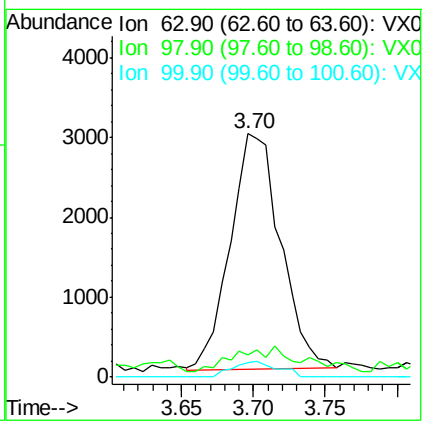


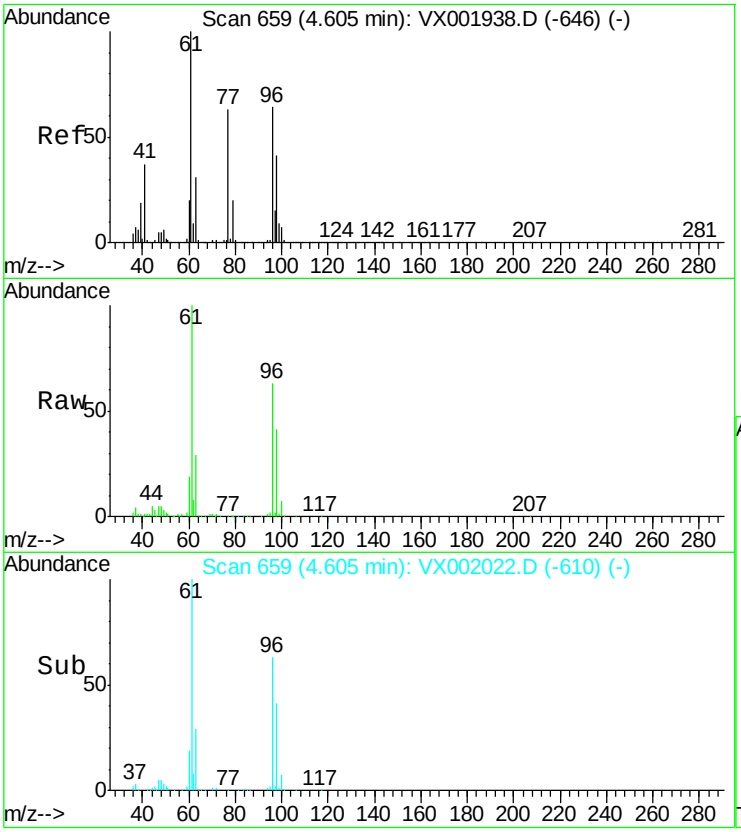


#24
1,1-Dichloroethane
Concen: 1.00 ug/l
RT: 3.70 min Scan# 510
Delta R.T. -0.01 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Tgt Ion: 63 Resp: 7162

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.3	9.8
100	6.2	2.1	6.5



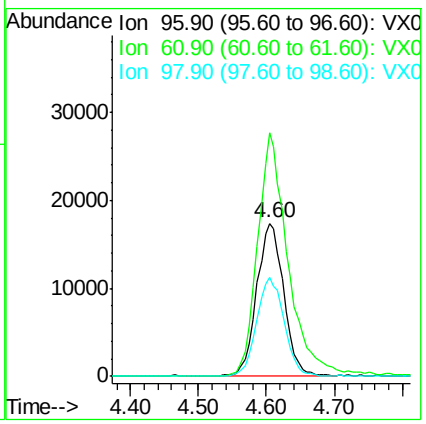


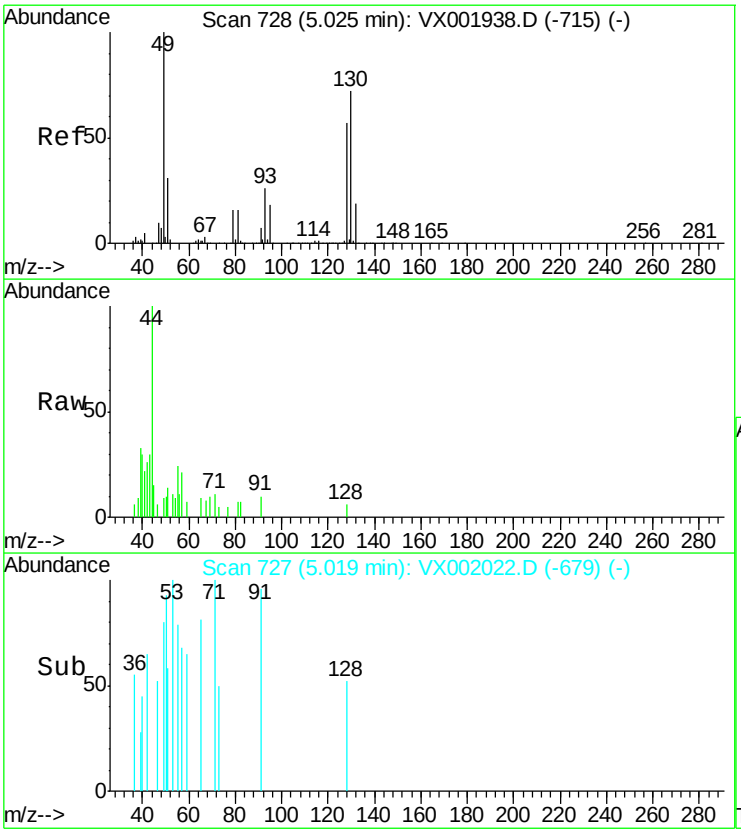
#27
cis-1,2-Dichloroethene
Concen: 10.51 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 48488

Ion	Ratio	Lower	Upper
96	100		
61	179.6	0.0	348.4
98	64.1	0.0	128.6

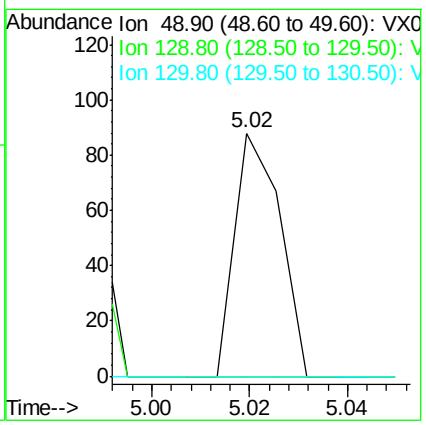


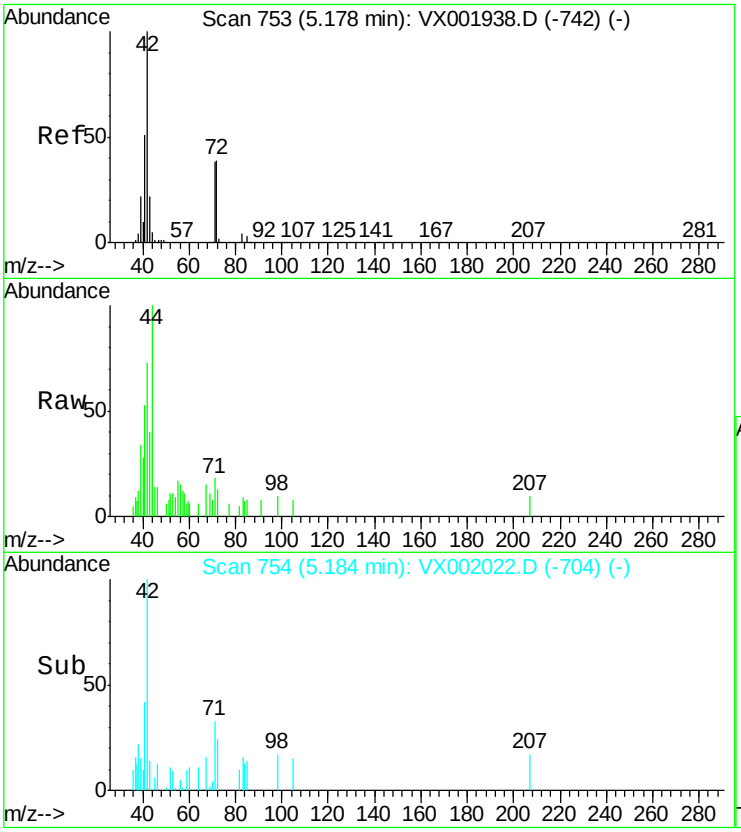


#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Tgt Ion: 49 Resp: 57

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



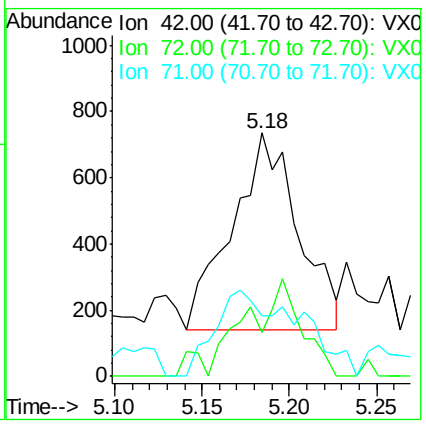


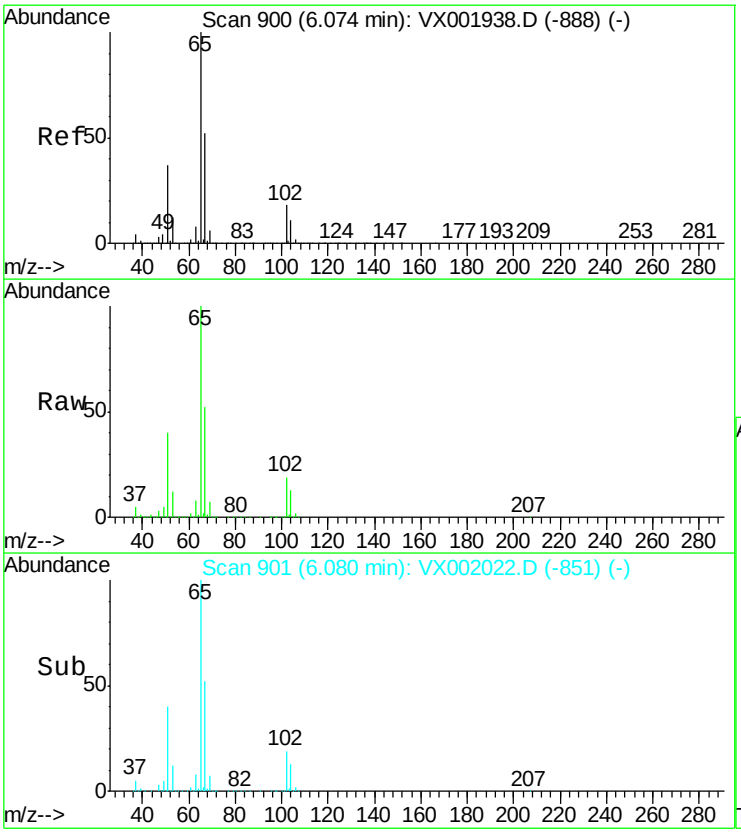
#29
Tetrahydrofuran
Concen: 0.63 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 1568

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.0#
71	33.9	29.5	44.3

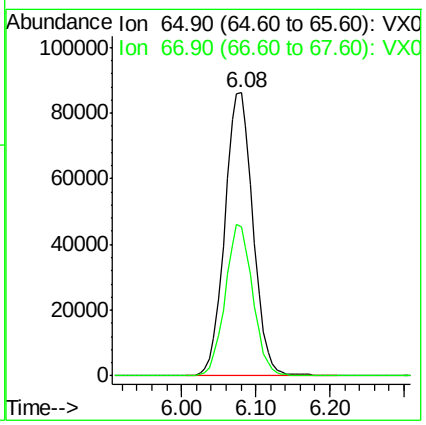


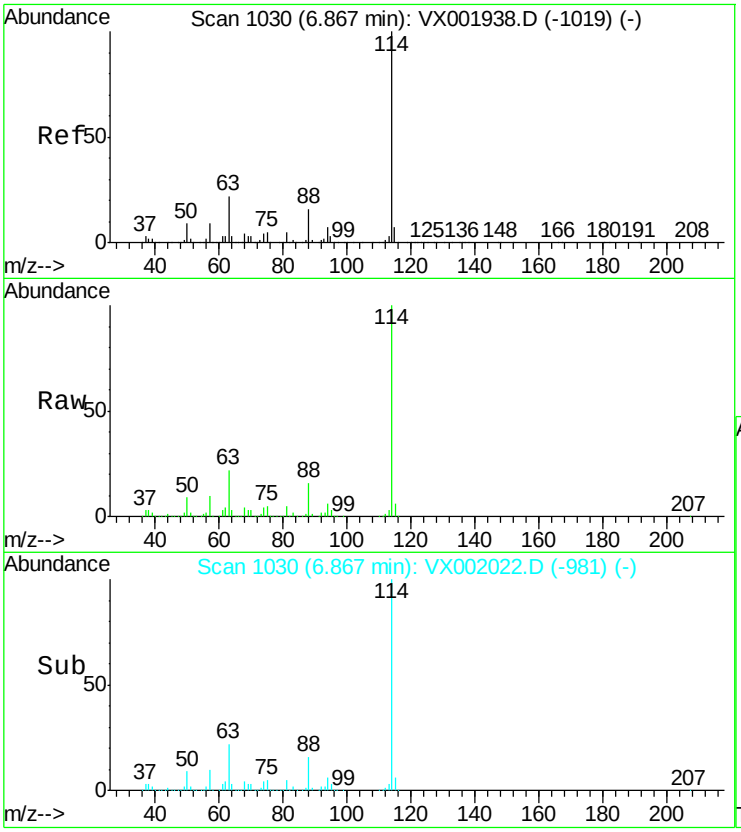


#33
1,2-Dichloroethane-d4
Concen: 42.03 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Tgt Ion: 65 Resp: 228069

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.0



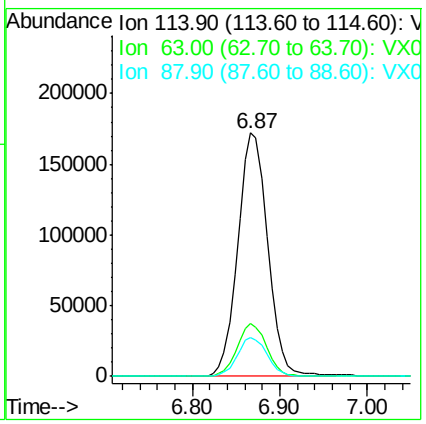


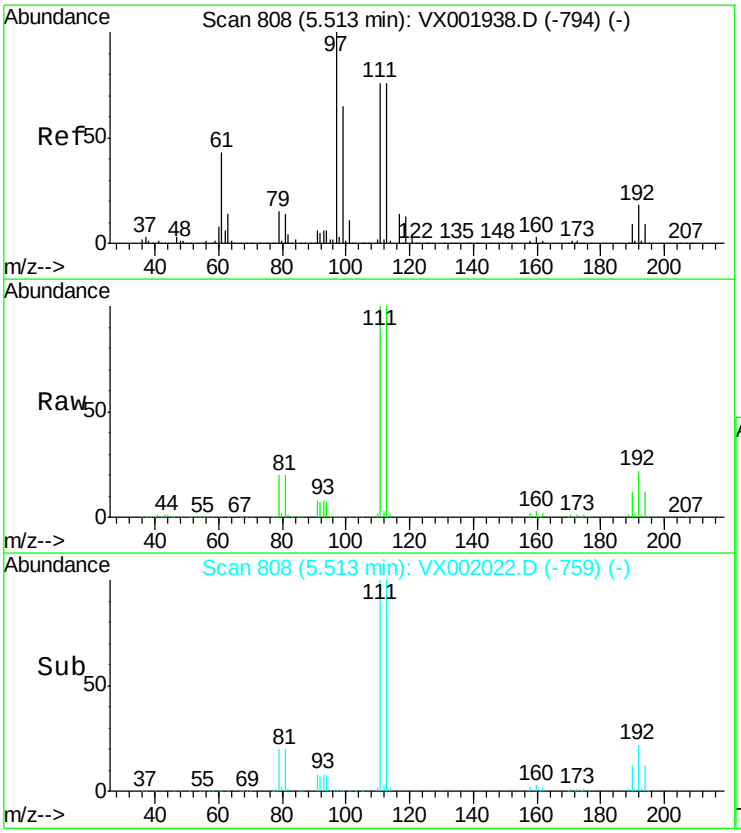
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 409623

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.2
88	15.9	0.0	31.6

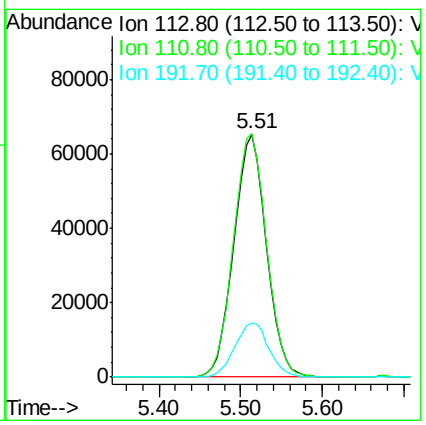


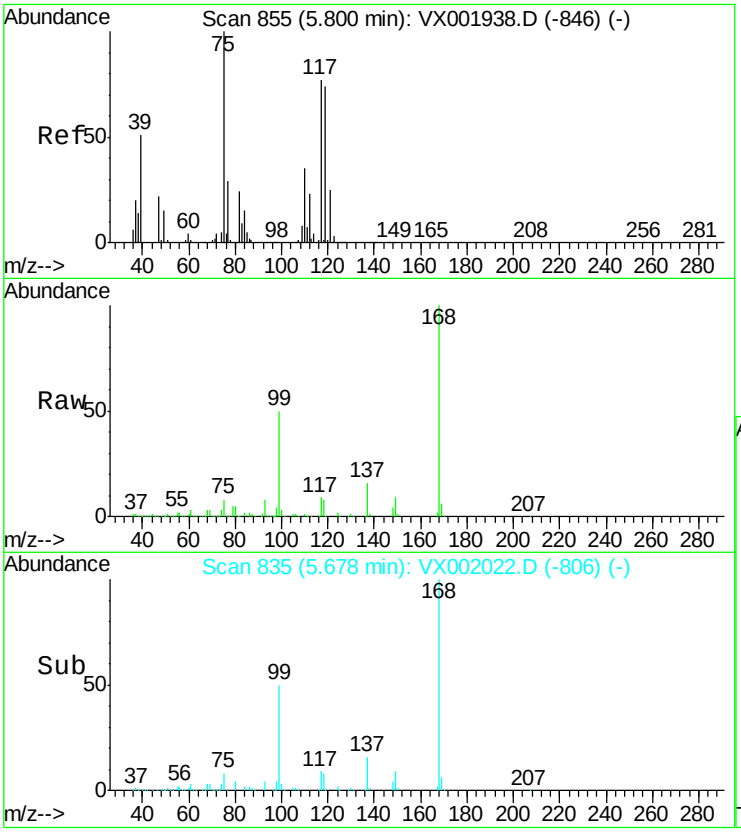


#35
Dibromofluoromethane
Concen: 44.10 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Tgt Ion:113 Resp: 180652

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	23.3	18.9	28.3



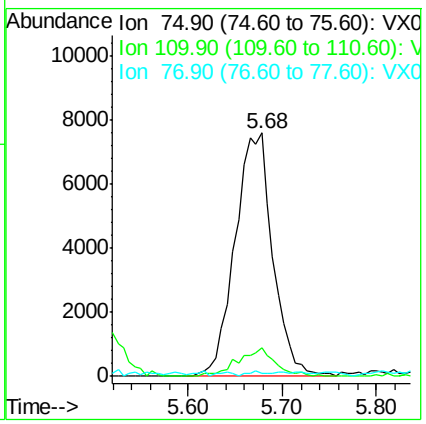


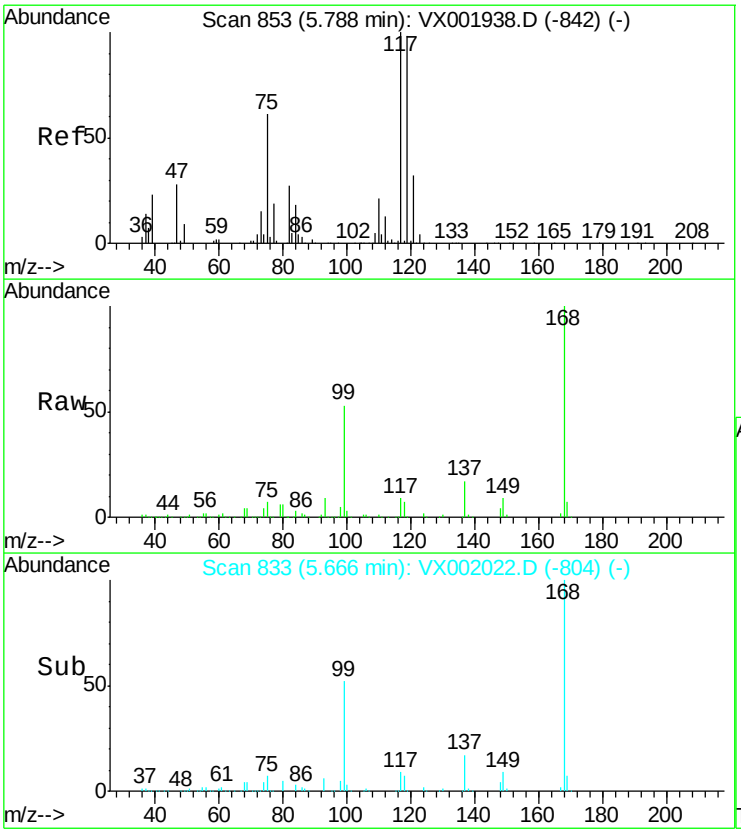
#36
1,1-Dichloropropene
Concen: 3.73 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 21275

Ion	Ratio	Lower	Upper
75	100		
110	11.5	17.4	52.2#
77	0.9	24.4	36.6#

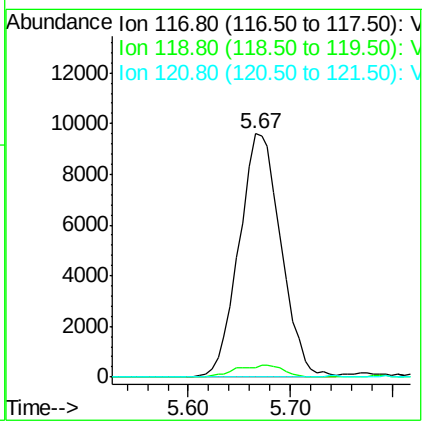


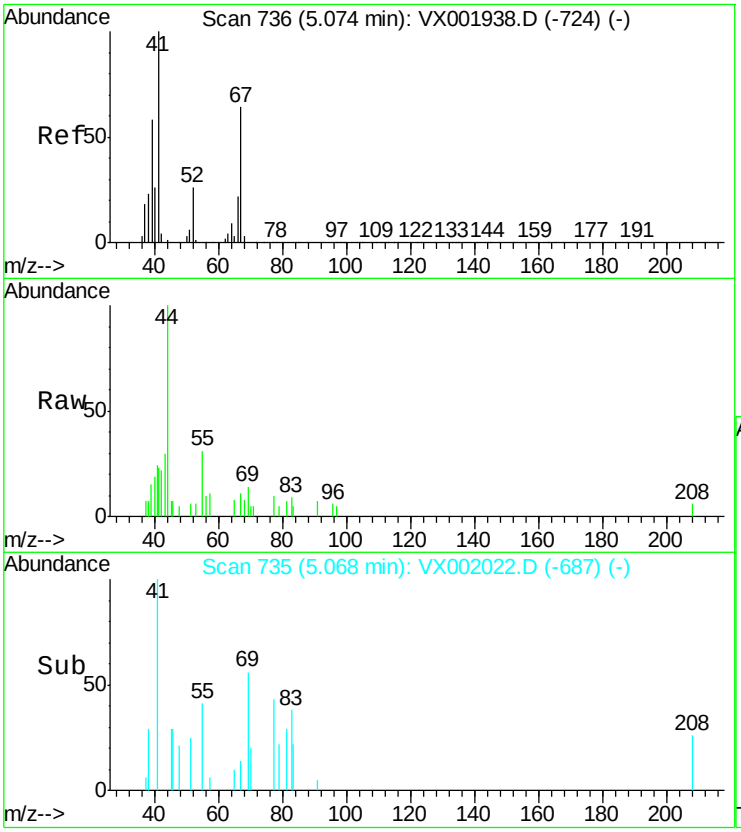


#38
Carbon Tetrachloride
Concen: 4.13 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Tgt Ion:117 Resp: 27408

Ion	Ratio	Lower	Upper
117	100		
119	4.0	78.5	117.7#
121	0.0	25.5	38.3#



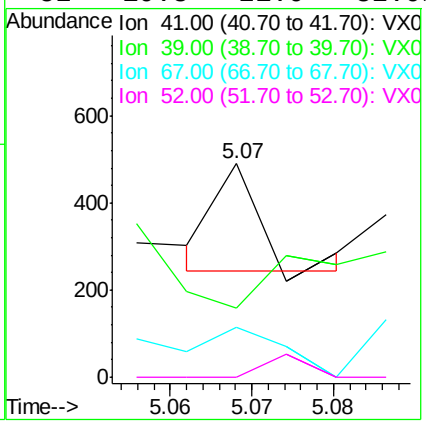


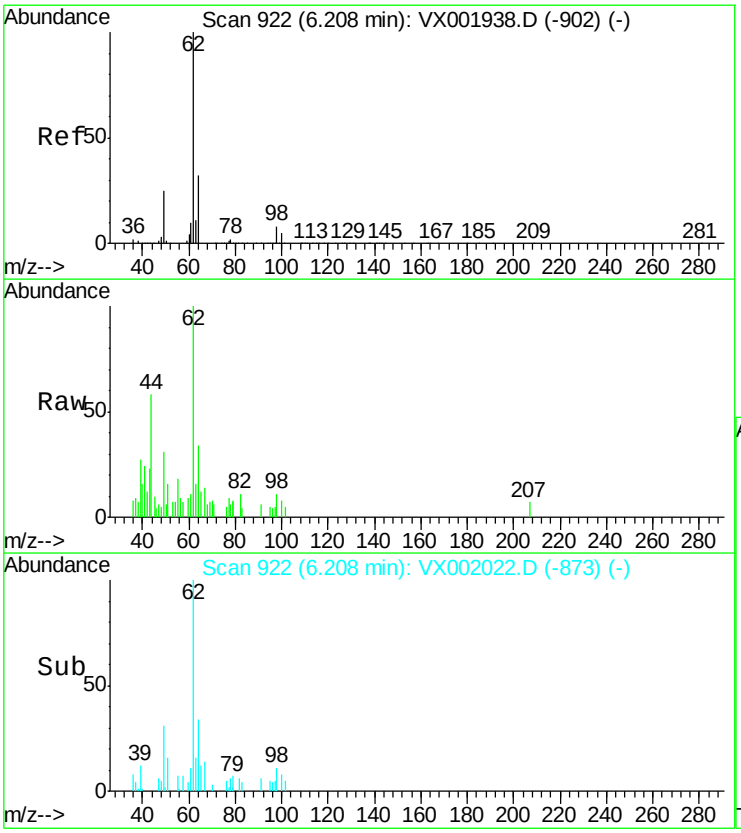
#41
Methacrylonitrile
Concen: Below Cal
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 96

Ion	Ratio	Lower	Upper
41	100		
39	232.3	46.0	69.0#
67	126.0	50.6	75.8#
52	19.8	21.9	32.9#

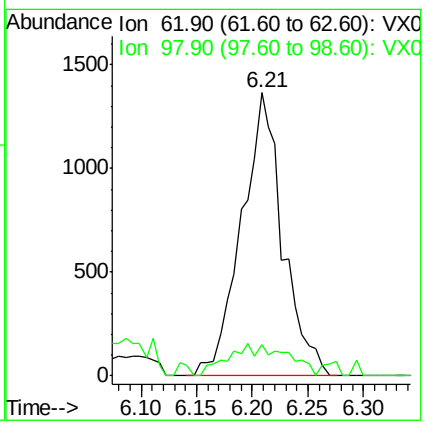


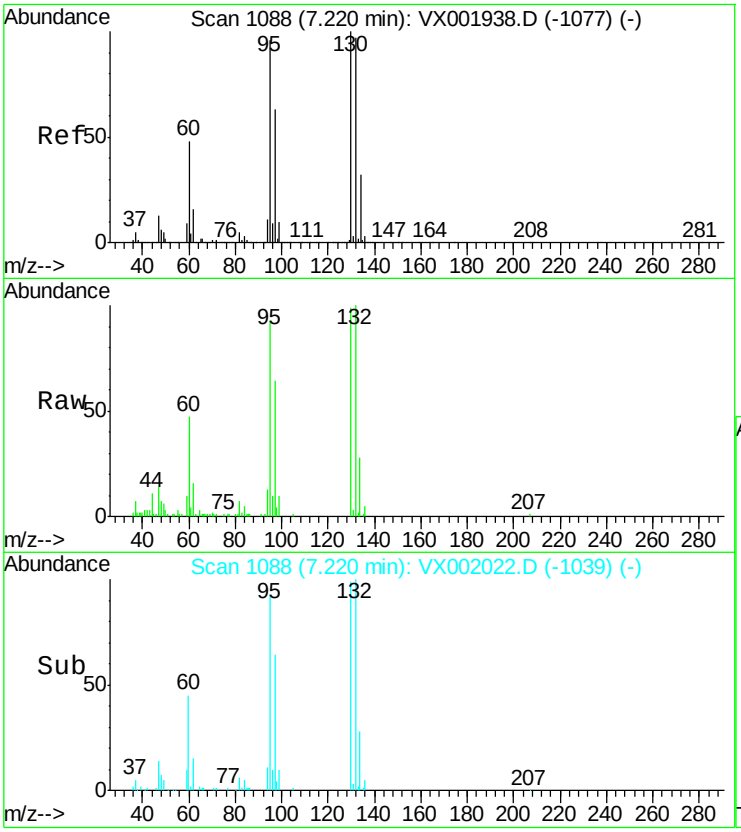


#42
1,2-Dichloroethane
Concen: 0.53 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Tgt Ion: 62 Resp: 3519

Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	17.0



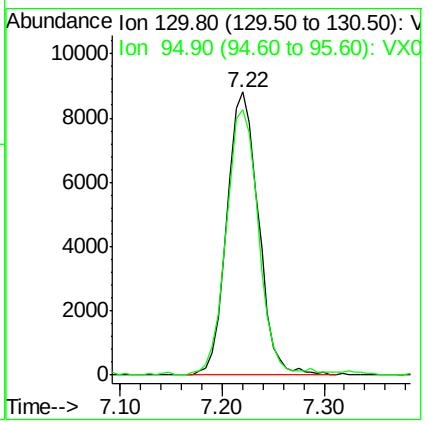


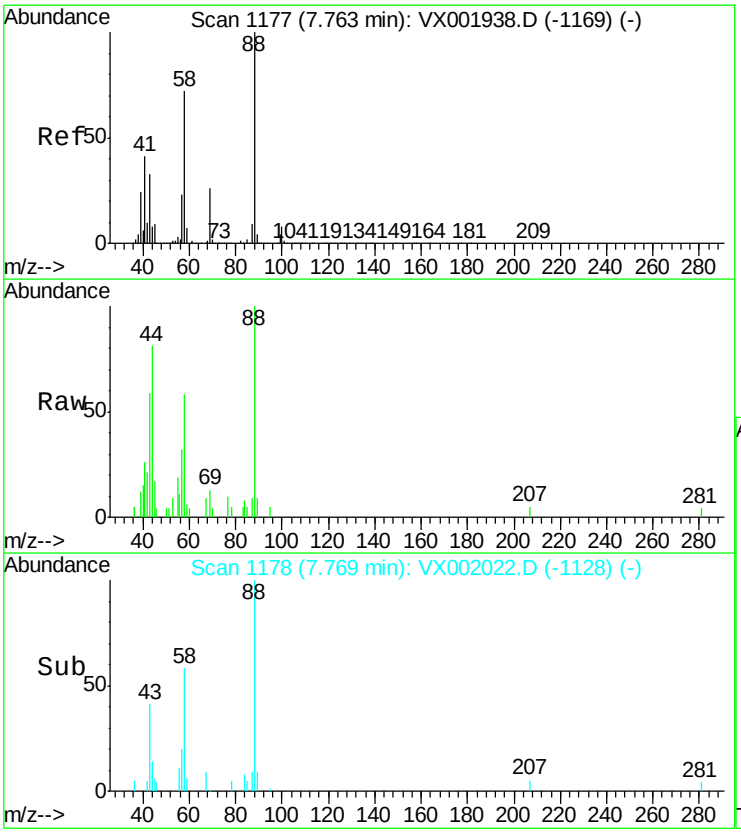
#44
Trichloroethene
Concen: 3.87 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 18804

Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	192.0

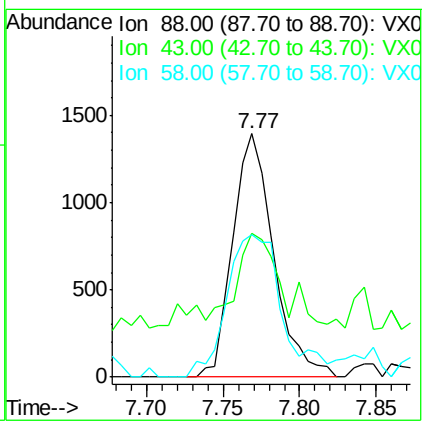


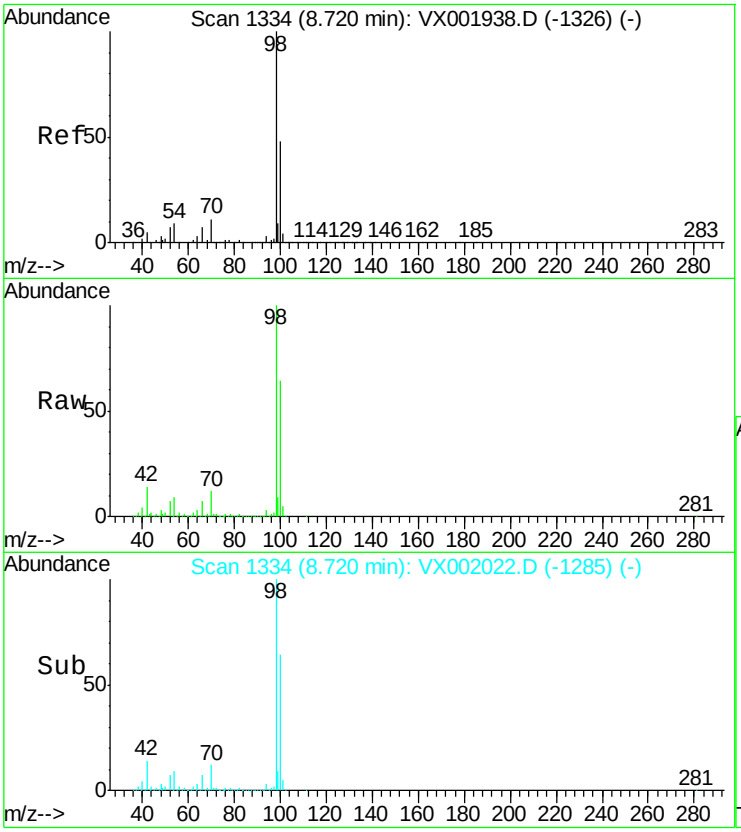


#49
1,4-Dioxane
Concen: 23.21 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Tgt Ion: 88 Resp: 2576

Ion	Ratio	Lower	Upper
88	100		
43	46.0	29.8	44.8#
58	79.2	58.7	88.1



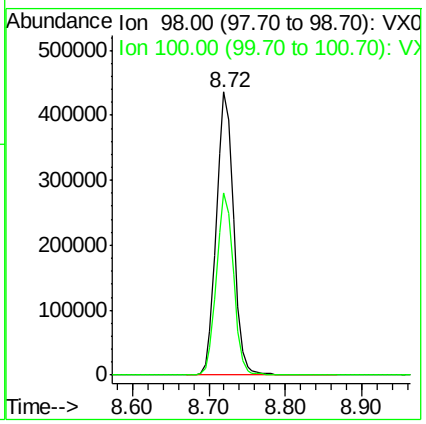


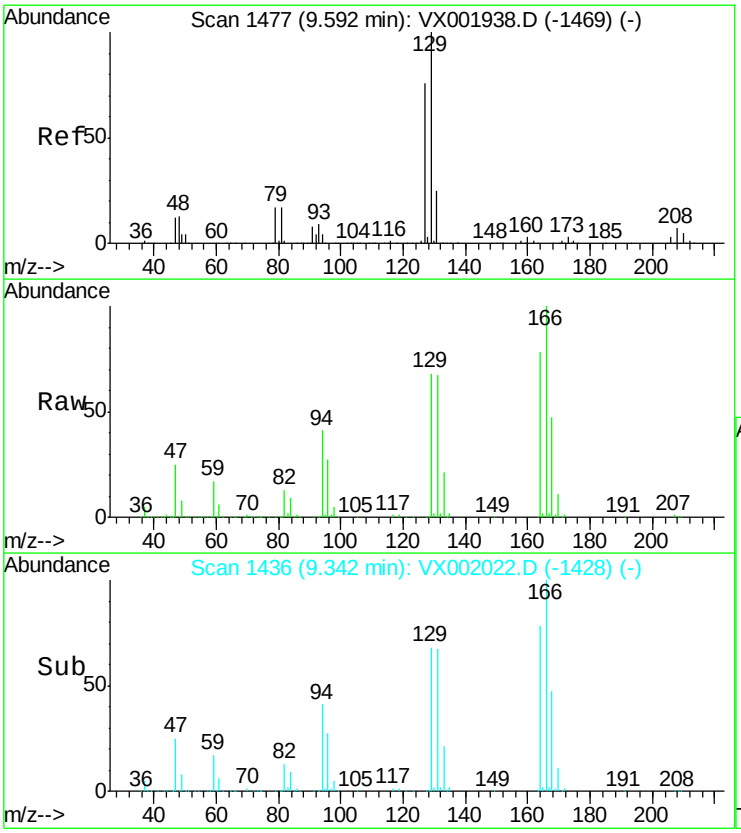
#50
Toluene-d8
Concen: 46.05 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 682917

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.5	77.3

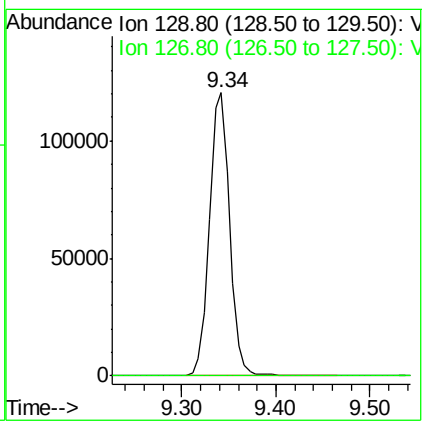


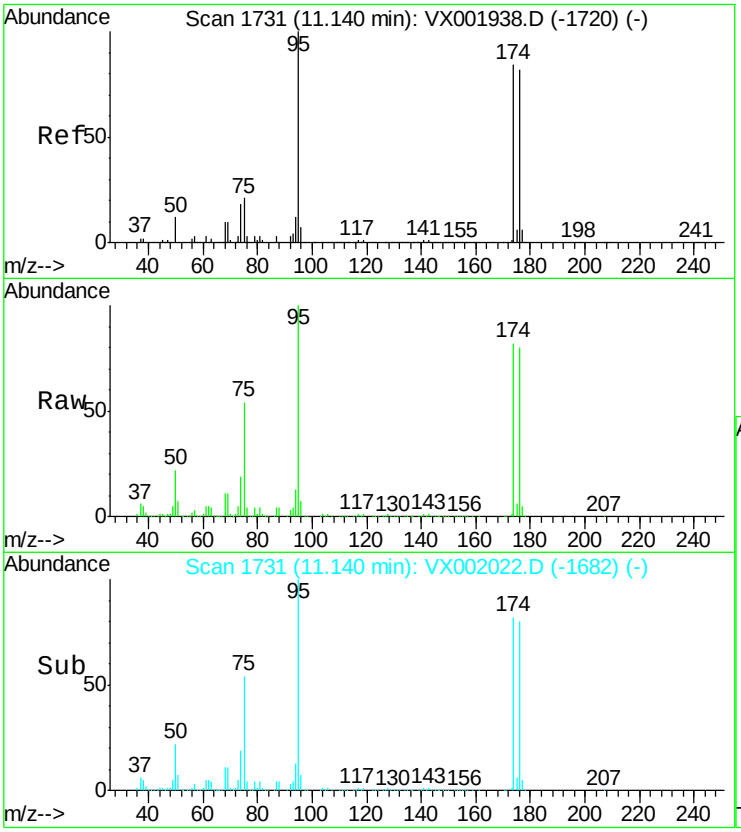


#60
Dibromochloromethane
Concen: 33.85 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Tgt Ion:129 Resp: 177955

Ion	Ratio	Lower	Upper
129	100		
127	0.1	38.3	114.9#



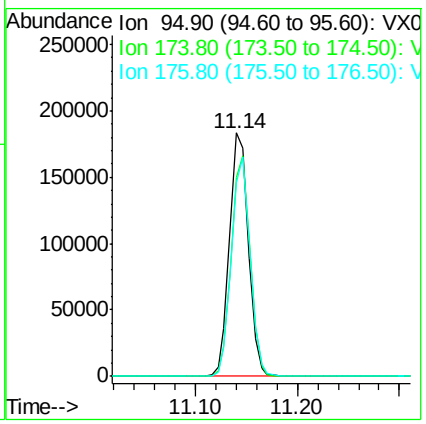


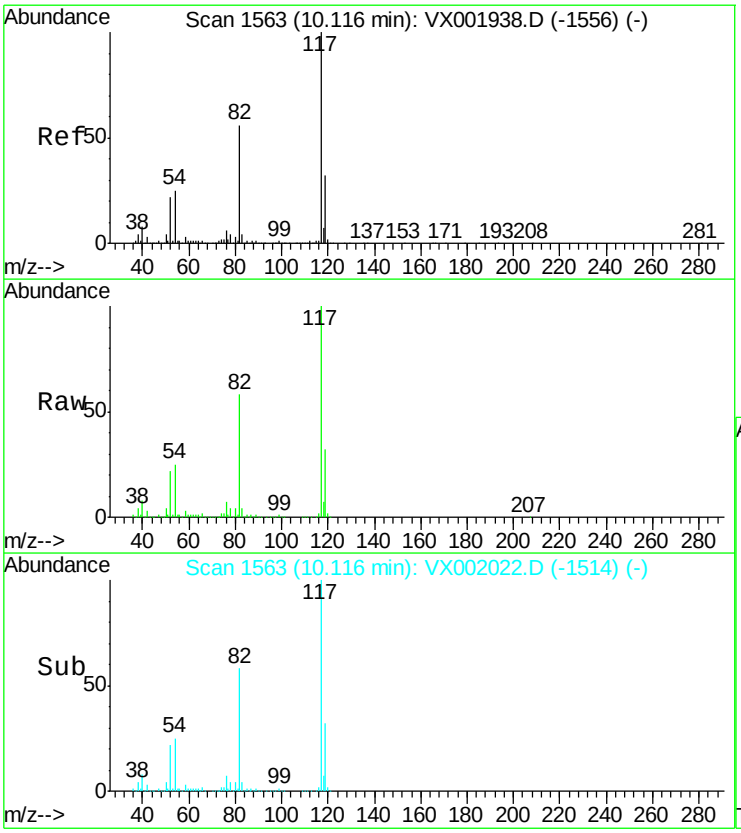
#62
4-Bromofluorobenzene
Concen: 40.24 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 233471

Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	178.8
176	88.5	0.0	175.6

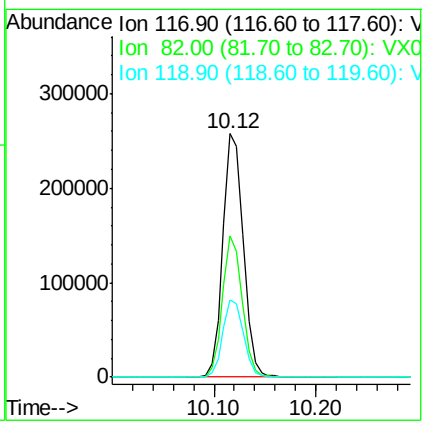


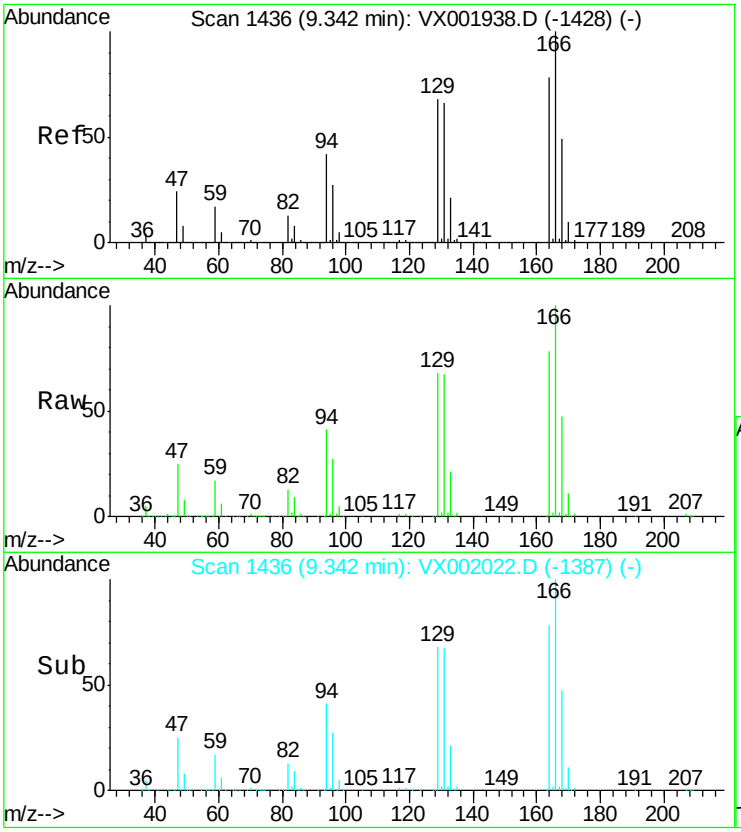


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Tgt Ion:117 Resp: 358447

Ion	Ratio	Lower	Upper
117	100		
82	57.8	44.8	67.2
119	31.9	25.5	38.3



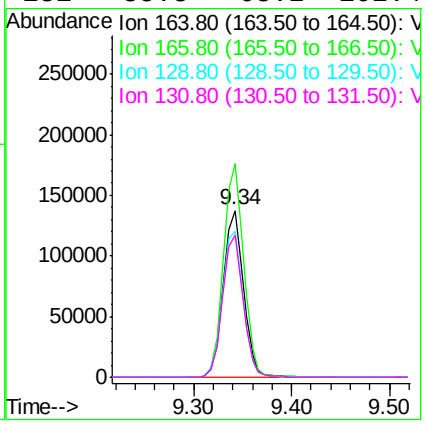


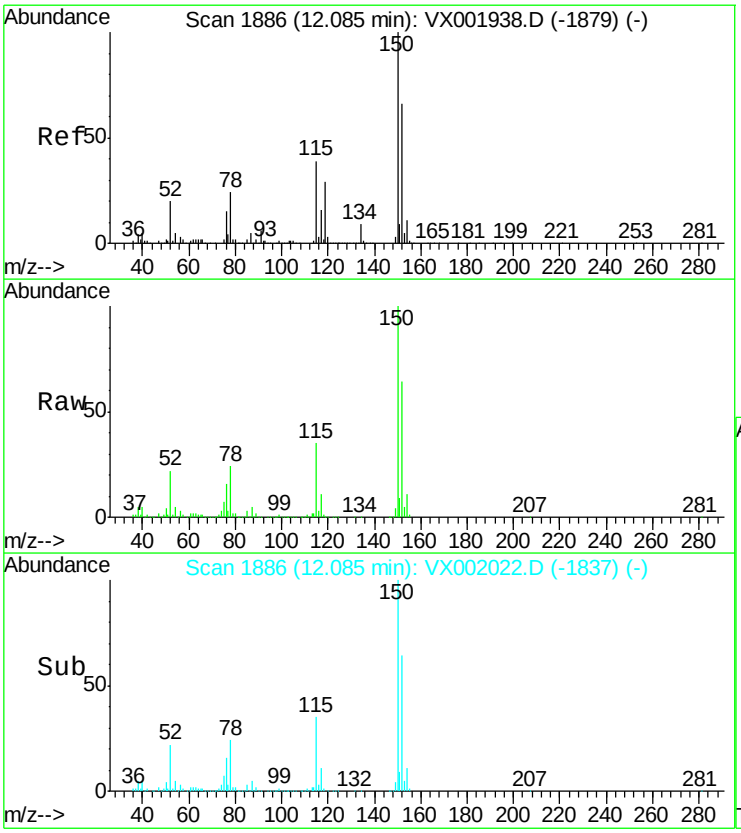
#64
Tetrachloroethene
Concen: 38.53 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:164 Resp: 198017

Ion	Ratio	Lower	Upper
164	100		
166	128.2	102.7	154.1
129	87.6	70.3	105.5
131	85.3	68.2	102.4

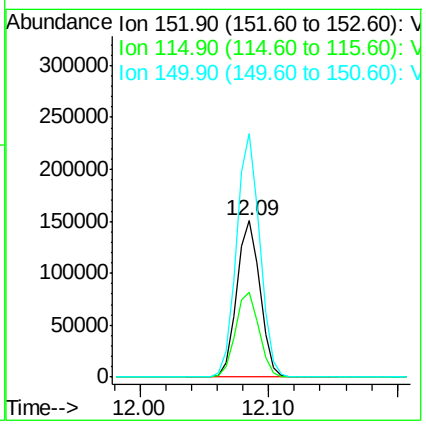


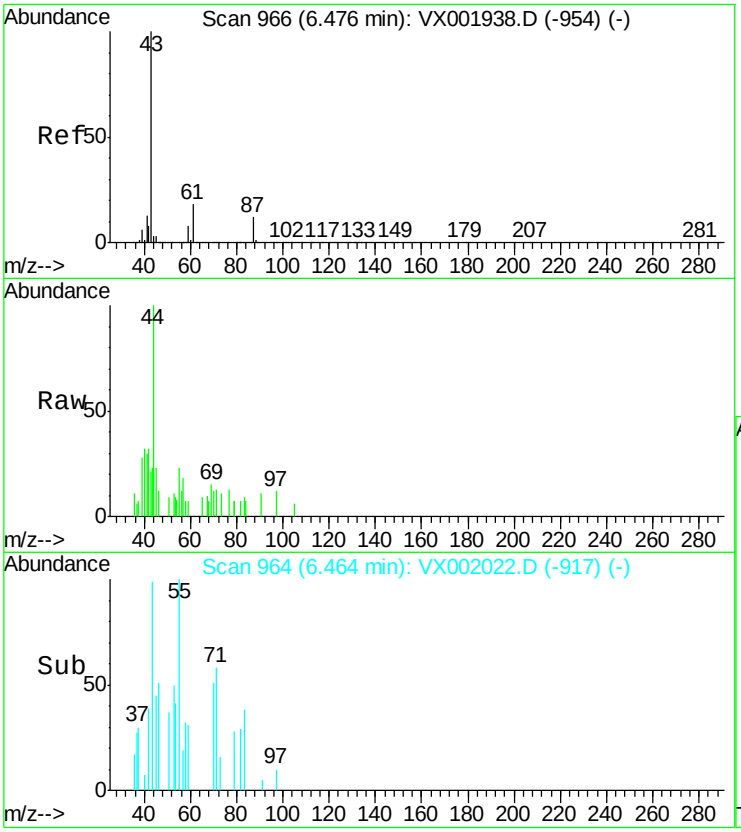


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Tgt Ion:152 Resp: 187950

Ion	Ratio	Lower	Upper
152	100		
115	55.6	42.3	126.8
150	156.0	0.0	351.0



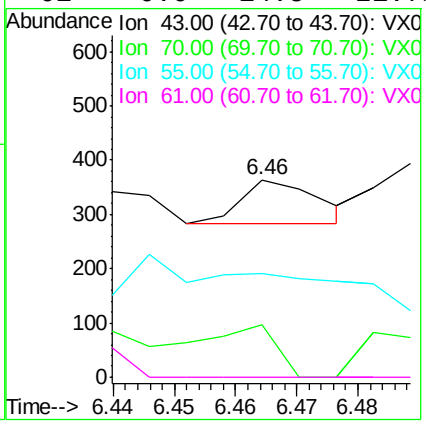


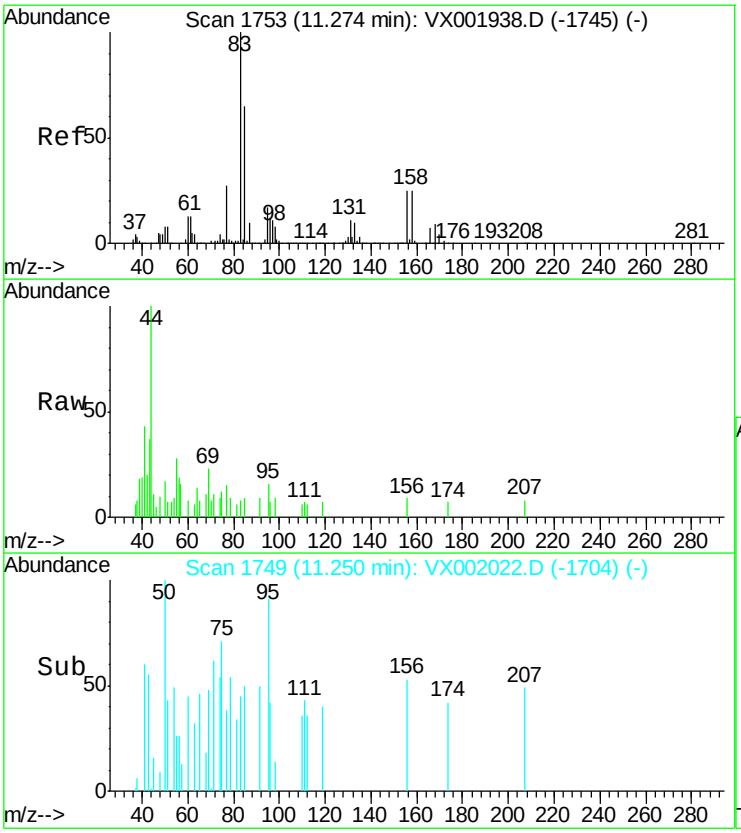
#74
N-amyl acetate
Concen: Below Cal
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 70

Ion	Ratio	Lower	Upper
43	100		
70	81.4	0.1	0.1#
55	0.0	0.1	0.1#
61	0.0	14.5	21.7#

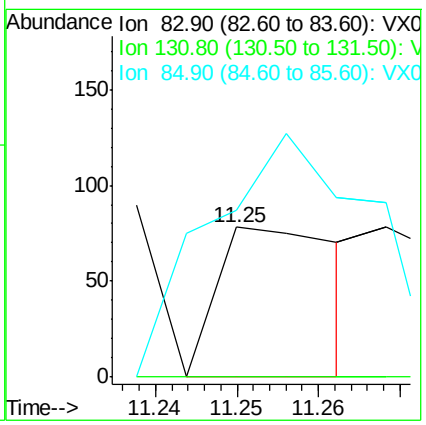


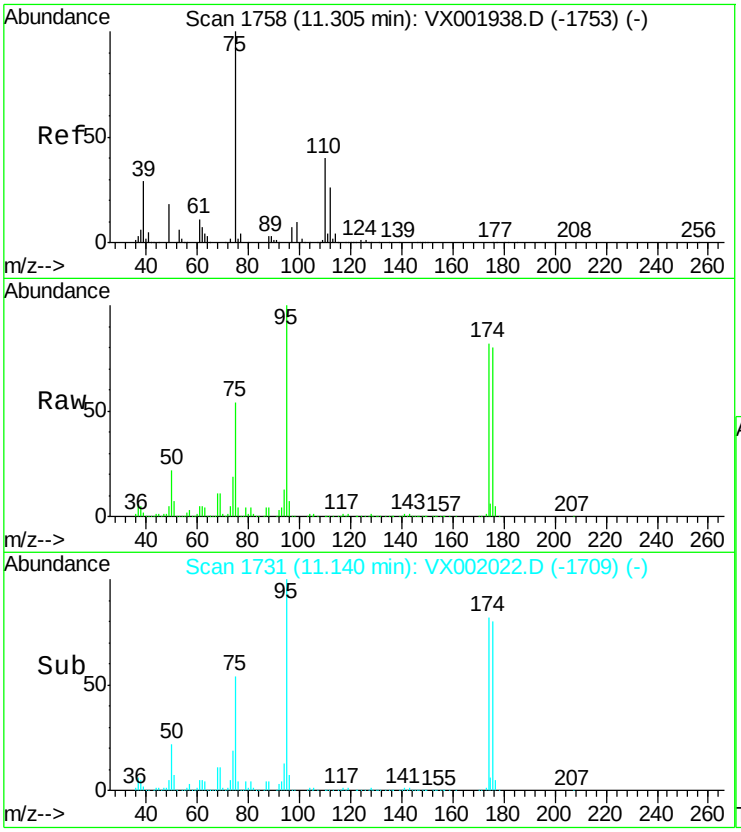


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.25 min Scan# 1749
Delta R.T. -0.02 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Tgt Ion: 83 Resp: 82

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.0#
85	269.5	32.6	97.7#



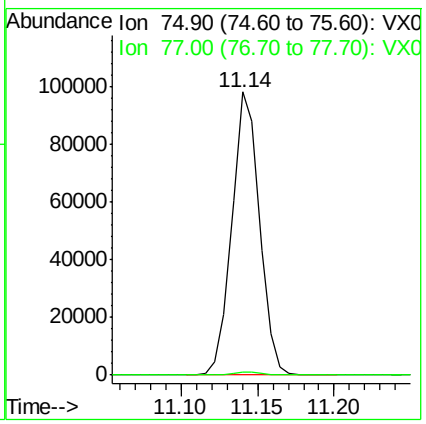


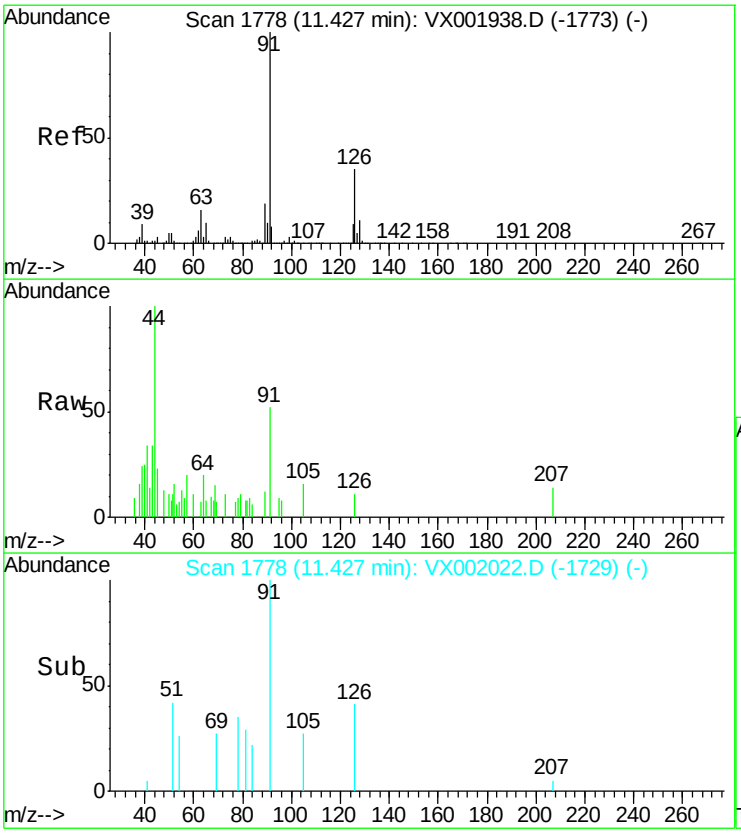
#76
1,2,3-Trichloropropane
Concen: 27.19 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 122759

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#

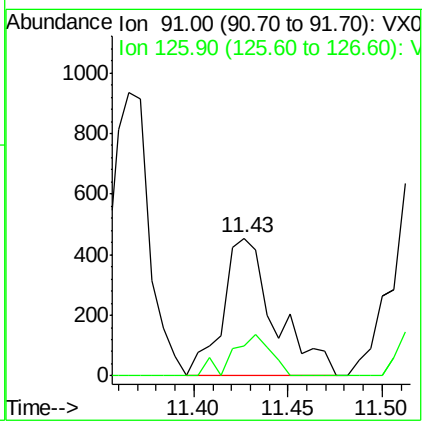


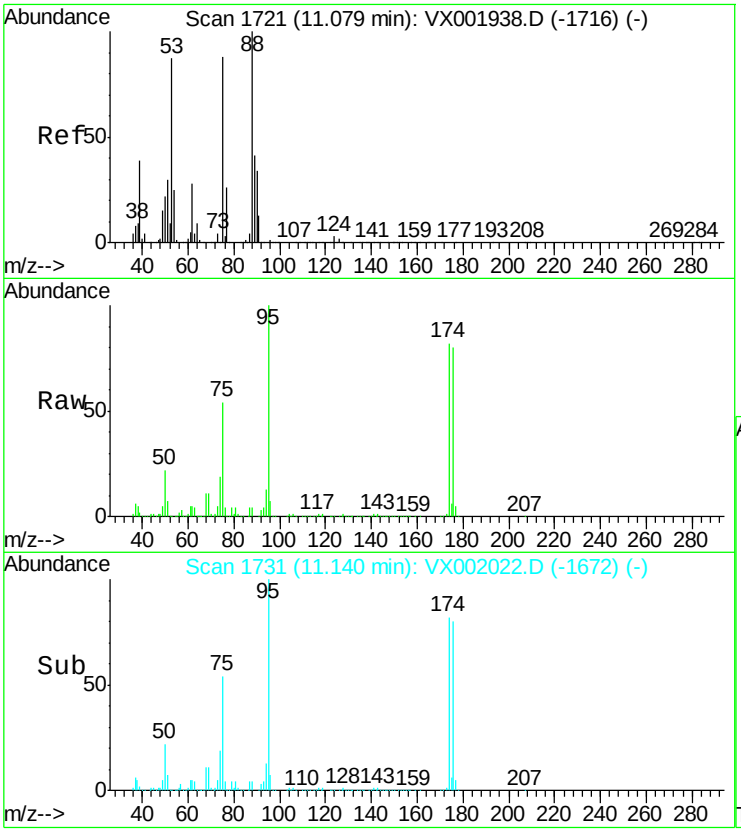


#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Tgt Ion: 91 Resp: 872

Ion	Ratio	Lower	Upper
91	100		
126	22.2	17.4	52.2





#81
trans-1,4-Dichloro-2-butene
Concen: 65.35 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002022.D
Acq: 26 May 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 122759

Ion	Ratio	Lower	Upper
75	100		
53	0.2	78.0	117.0#
89	0.1	39.4	59.2#