Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\

Quantitation Report (Not Reviewed)

Data File : VX001991.D
Acq On : 25 May 2018 22:23
Operator : JC/MD
Sample : VX0525WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0525WBL02

Quant Time: May 26 00:48:50 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	303663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	462662	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	417701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	225997	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	299610	55.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.40%			
35) Dibromofluoromethane	5.51	113	232490	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.50%			
50) Toluene-d8	8.72	98	849207	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.40%			
62) 4-Bromofluorobenzene	11.14	95	309104	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.34%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	460	Below Cal	#	41
5) Bromomethane	1.65	94	1181	Below Cal	#	56
6) Chloroethane	1.68	64	669	0.25	ug/l #	55
10) Methyl Iodide	2.53	142	3415	0.67	ug/l #	92
11) Tert butyl alcohol	3.08	59	310	0.29	ug/l #	1
13) Acrolein	2.31	56	344	0.75	ug/l #	1
15) Acrylonitrile	3.15	53	1101	0.50	ug/l #	65
16) Acetone	2.45	43	1711	0.82	ug/l	91
17) Carbon Disulfide	2.57	76	2069	0.20	ug/l #	74
18) Methyl Acetate	2.80	43	275	Below Cal	#	1
20) Methylene Chloride	2.85	84	725	Below Cal	#	80
21) trans-1,2-Dichloroethene	3.18	96	553	Below Cal	#	32
28) Bromochloromethane	5.01	49	48	Below Cal	#	14
29) Tetrahydrofuran	5.18	42	1341	0.54	ug/l #	75
31) Cyclohexane	5.67	56	6033	0.81	ug/l #	3
36) 1,1-Dichloropropene	5.67	75	21477	3.34	ug/l #	53
38) Carbon Tetrachloride	5.67	117	27986	3.73	ug/l #	15
41) Methacrylonitrile	5.07	41	227	Below Cal	#	78
49) 1,4-Dioxane	8.02	88	26	0.21	ug/l #	1
74) N-amyl acetate	6.48	43	87	Below Cal	#	59
75) 1,1,2,2-Tetrachloroethane	11.30	83	132	Below Cal	#	25
76) 1,2,3-Trichloropropane	11.14	75	160941	29.65	ug/l #	33
79) 2-Chlorotoluene	11.43	91	918	Below Cal		84
81) trans-1,4-Dichloro-2-buten	11.14	75	160941	71.26	ug/l #	10

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

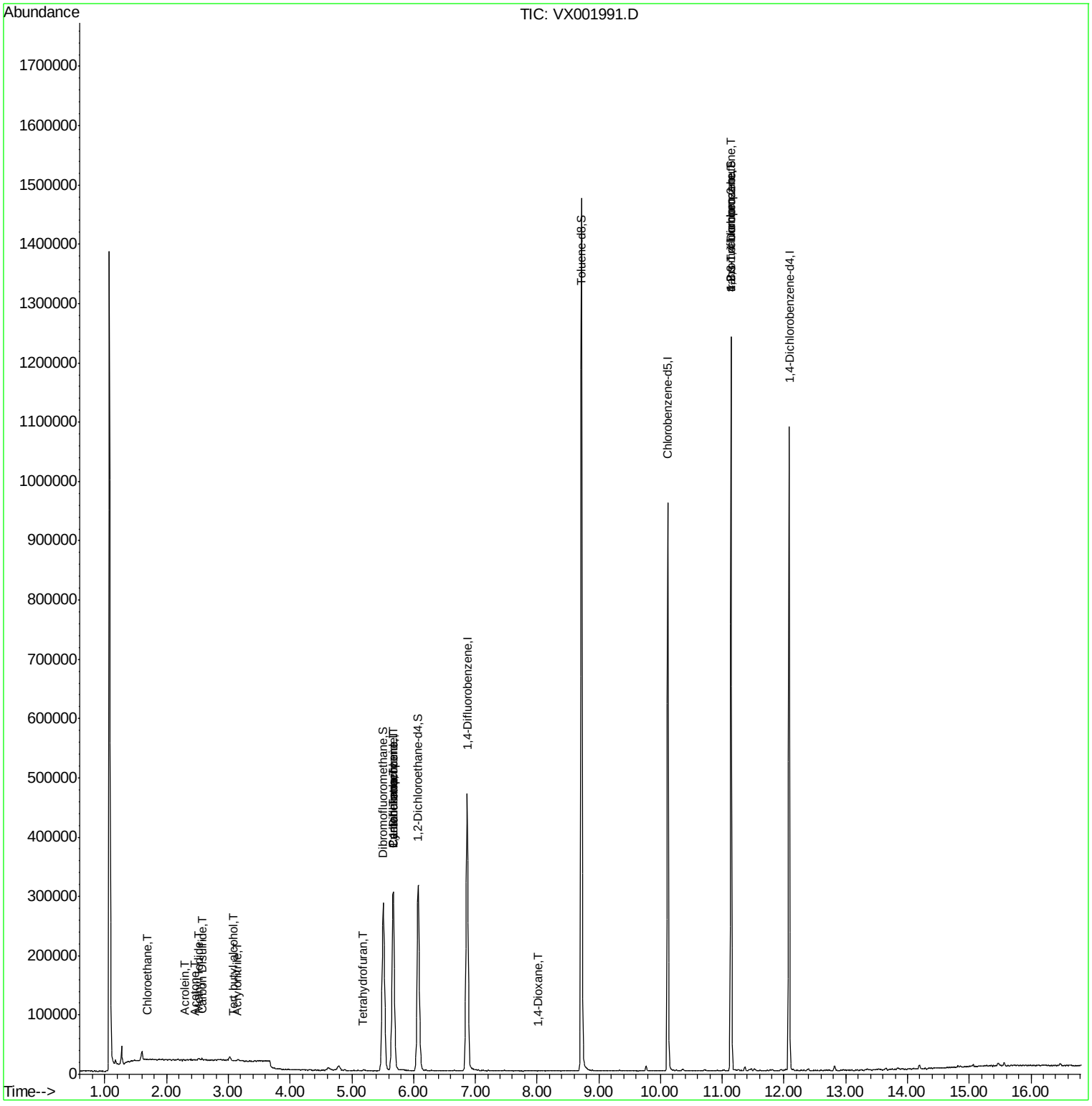
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\

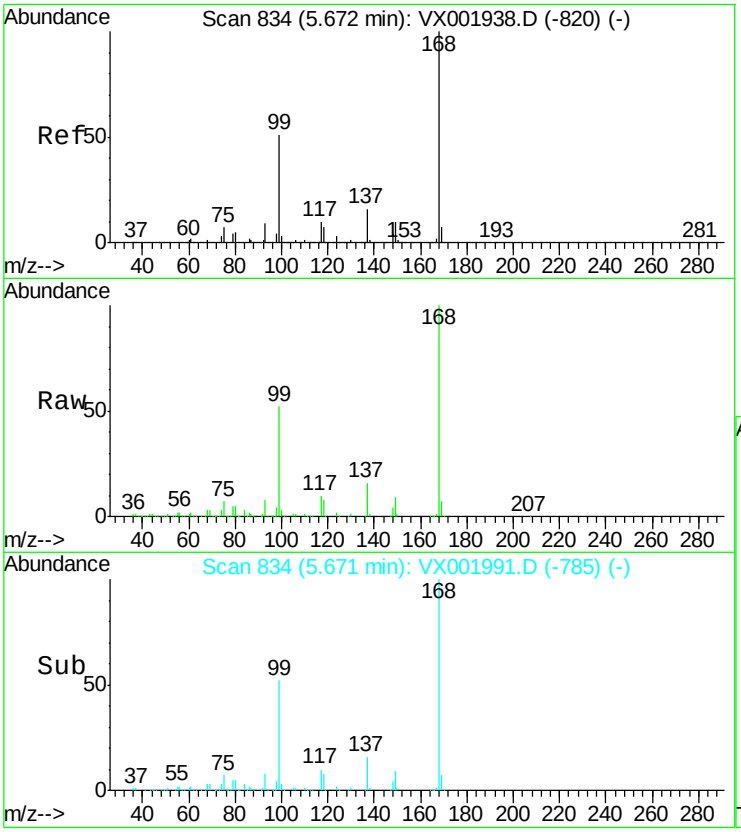
Quantitation Report (Not Reviewed)

Data File : VX001991.D
Acq On : 25 May 2018 22:23
Operator : JC/MD
Sample : VX0525WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0525WBL02

Quant Time: May 26 00:48:50 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



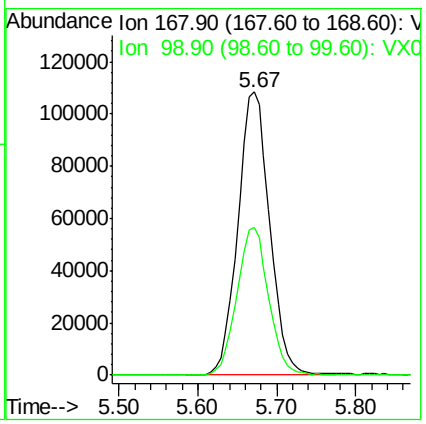


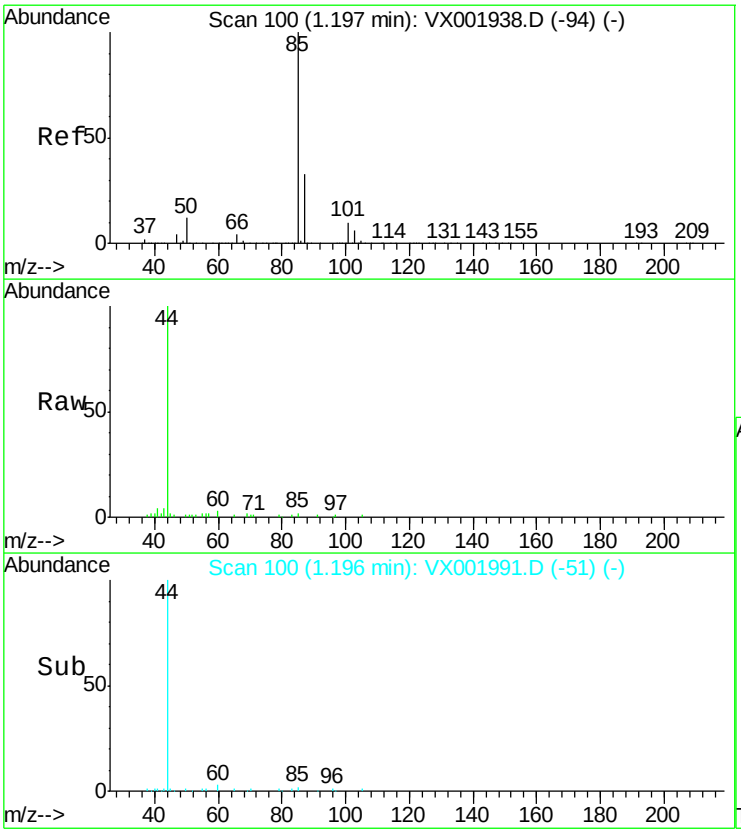
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBL02

Tgt Ion:168 Resp: 303663

Ion	Ratio	Lower	Upper
168	100		
99	52.1	41.0	61.4

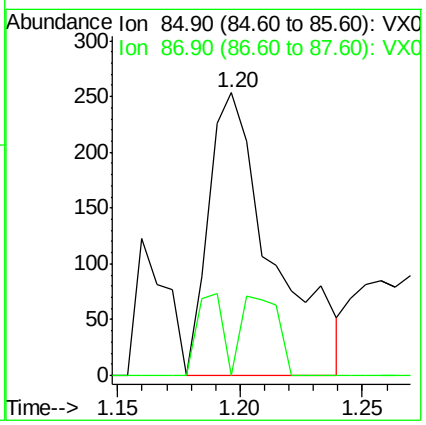


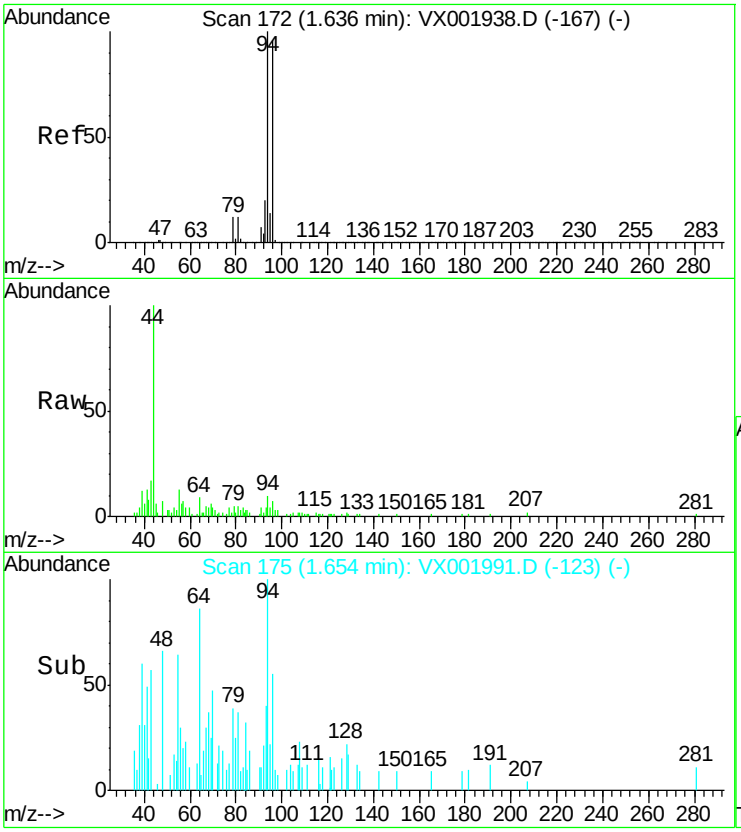


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Tgt Ion: 85 Resp: 460

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



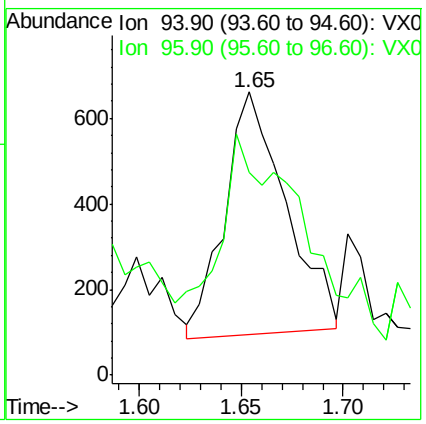


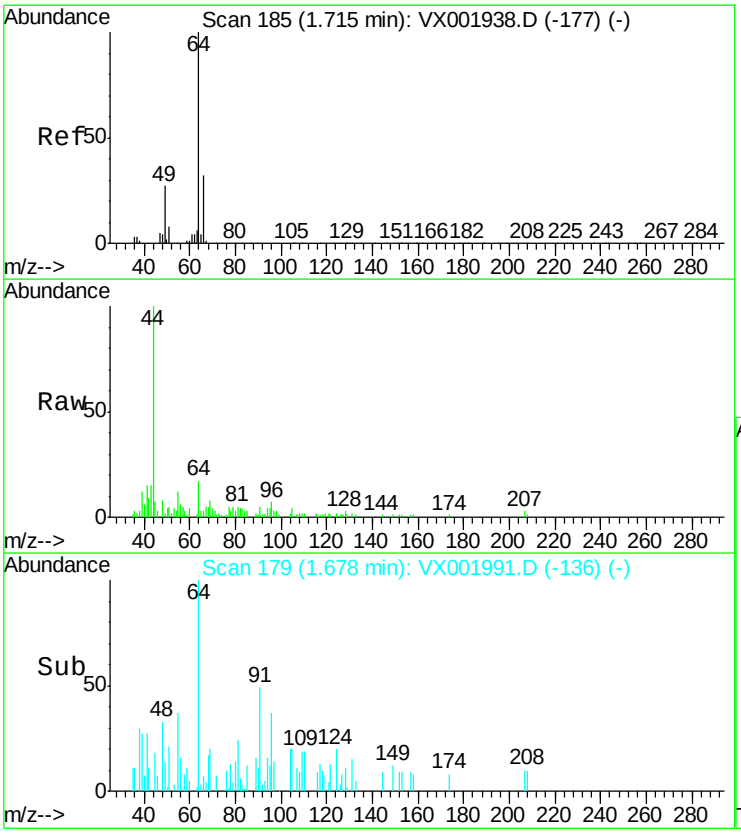
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBL02

Tgt Ion: 94 Resp: 1181

Ion	Ratio	Lower	Upper
94	100		
96	52.6	75.9	113.9#

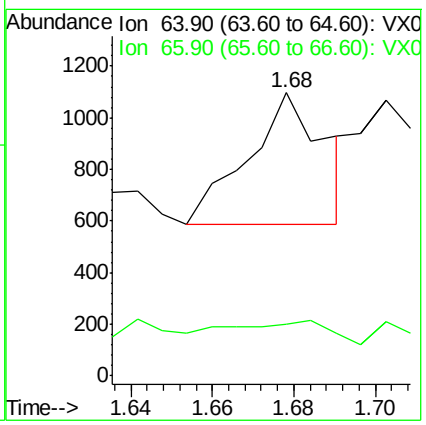


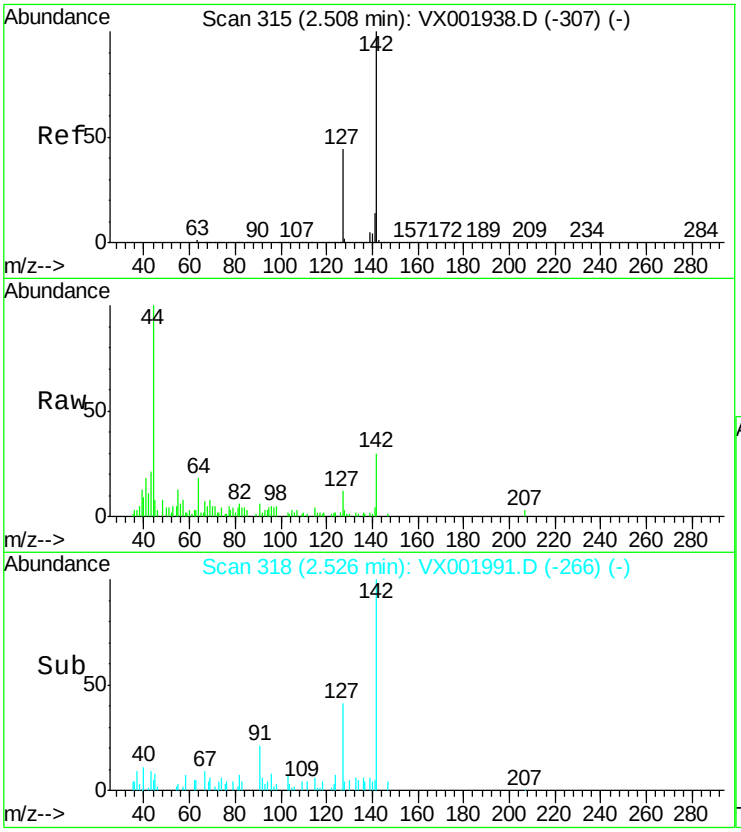


#6
Chloroethane
Concen: 0.25 ug/l
RT: 1.68 min Scan# 179
Delta R.T. -0.04 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Tgt Ion: 64 Resp: 669

Ion	Ratio	Lower	Upper
64	100		
66	7.1	25.6	38.4#



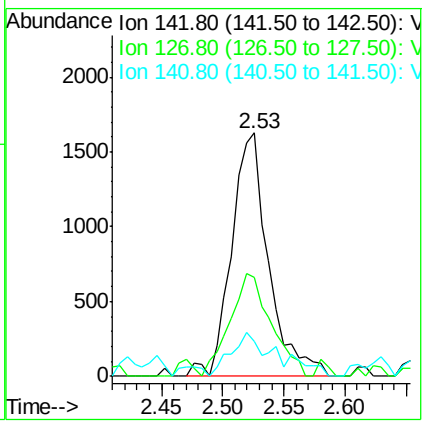


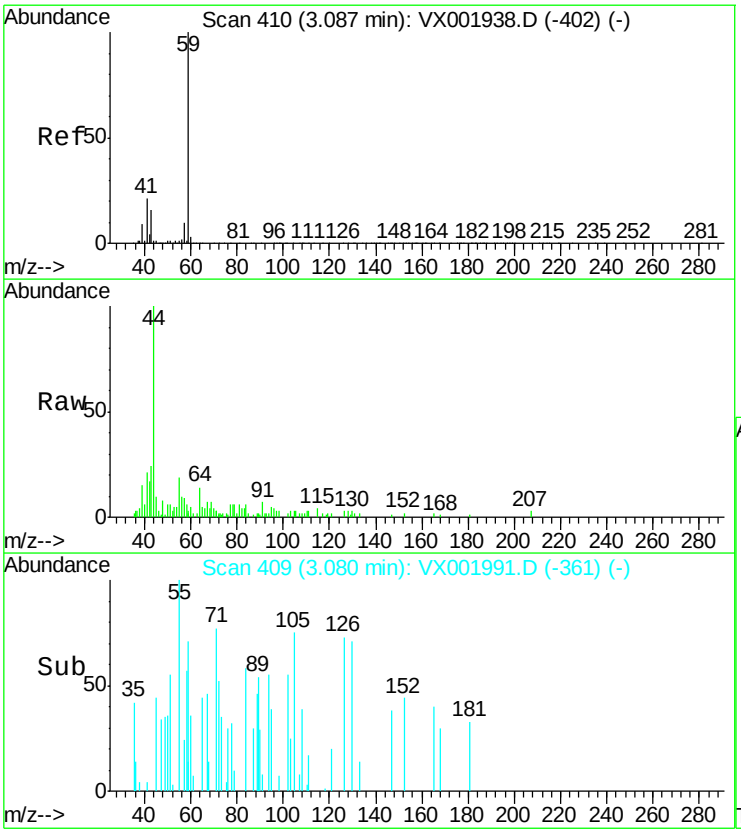
#10
Methyl Iodide
Concen: 0.67 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Instrument : MSVOA_X
ClientSampleId : VX0525WBL02

Tgt Ion:142 Resp: 3415

Ion	Ratio	Lower	Upper
142	100		
127	46.9	35.5	53.3
141	22.5	11.3	16.9#

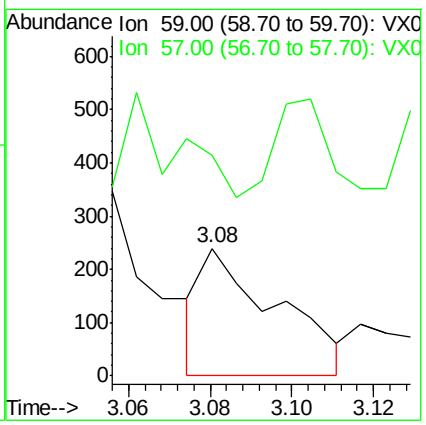


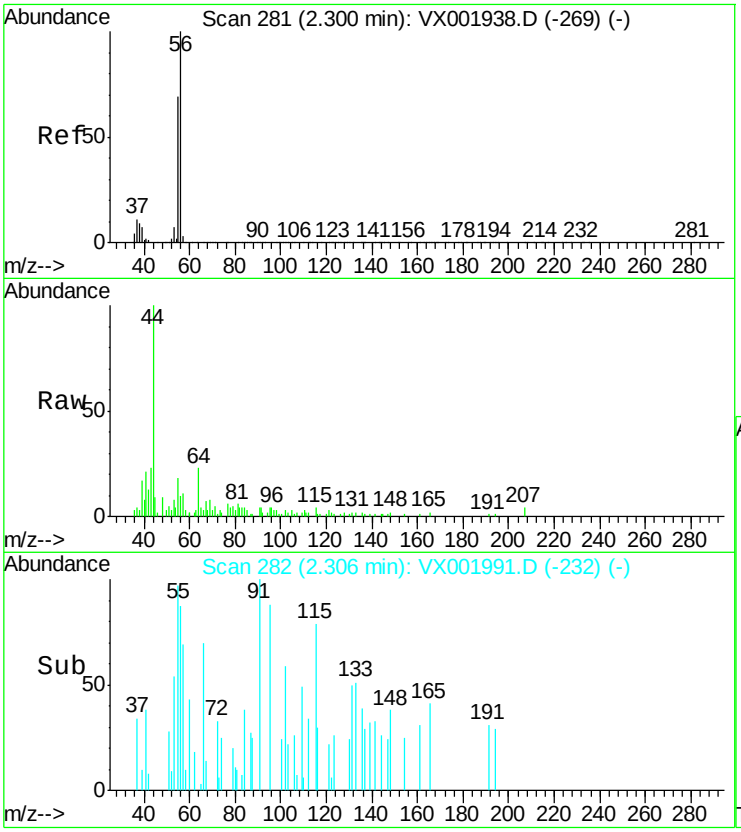


#11
Tert butyl alcohol
Concen: 0.29 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Tgt Ion: 59 Resp: 310

Ion	Ratio	Lower	Upper
59	100		
57	81.3	8.9	13.3#



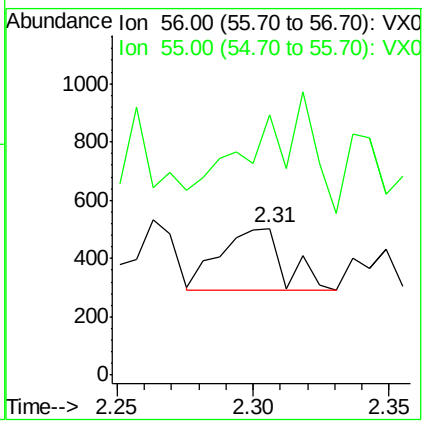


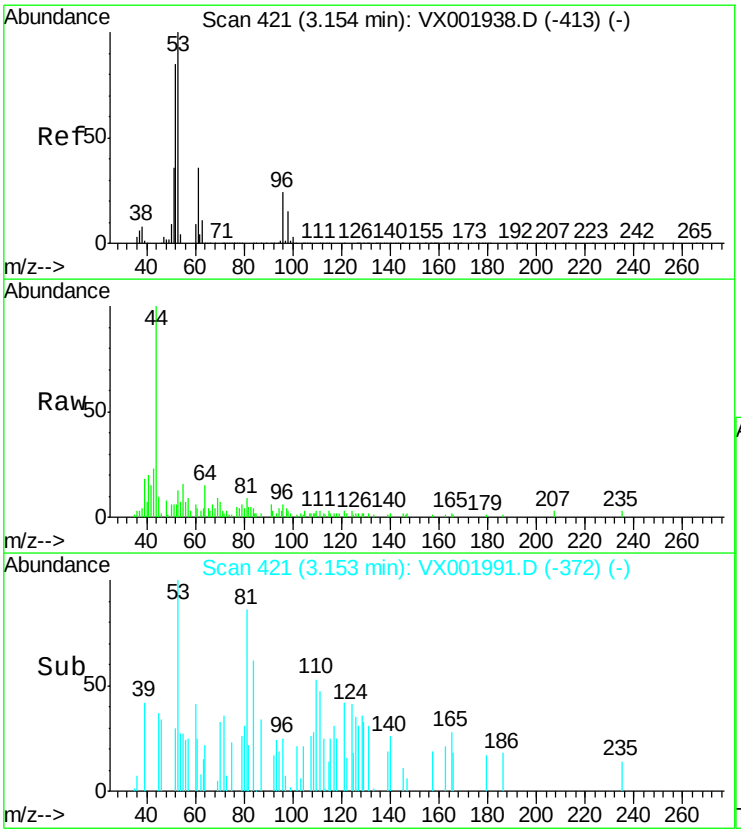
#13
Acrolein
Concen: 0.75 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBL02

Tgt Ion: 56 Resp: 344

Ion	Ratio	Lower	Upper
56	100		
55	187.5	56.8	85.2#

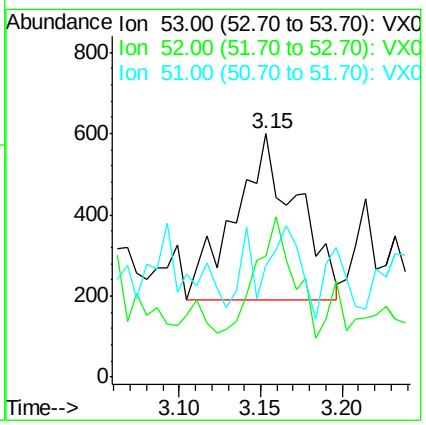


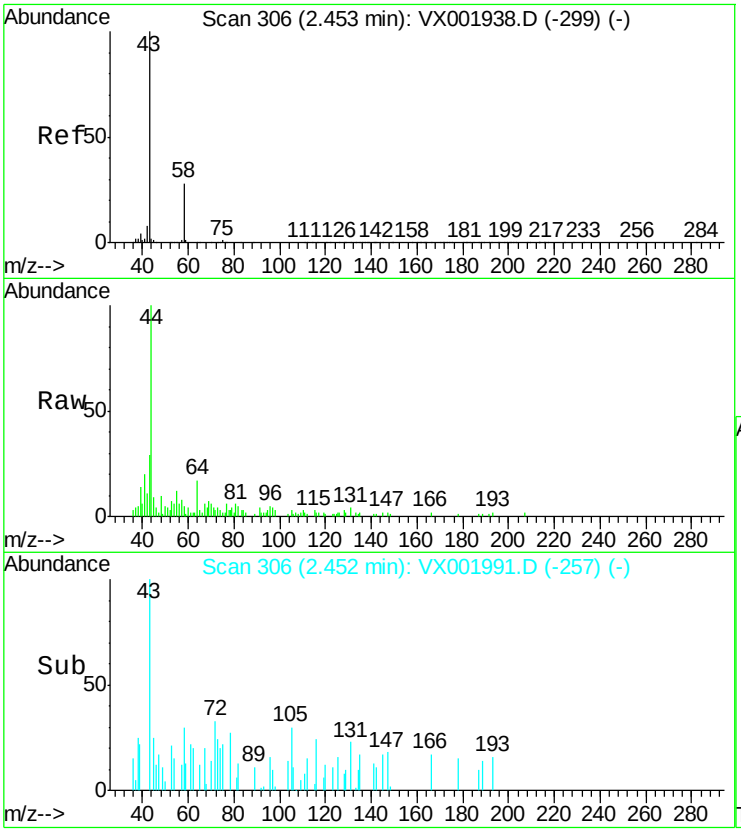


#15
Acrylonitrile
Concen: 0.50 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Tgt Ion: 53 Resp: 1101

Ion	Ratio	Lower	Upper
53	100		
52	44.0	66.4	99.6#
51	27.0	29.3	43.9#



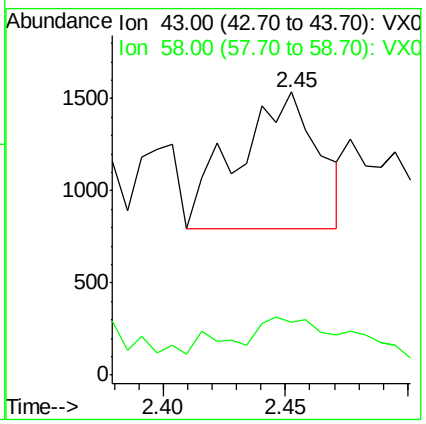


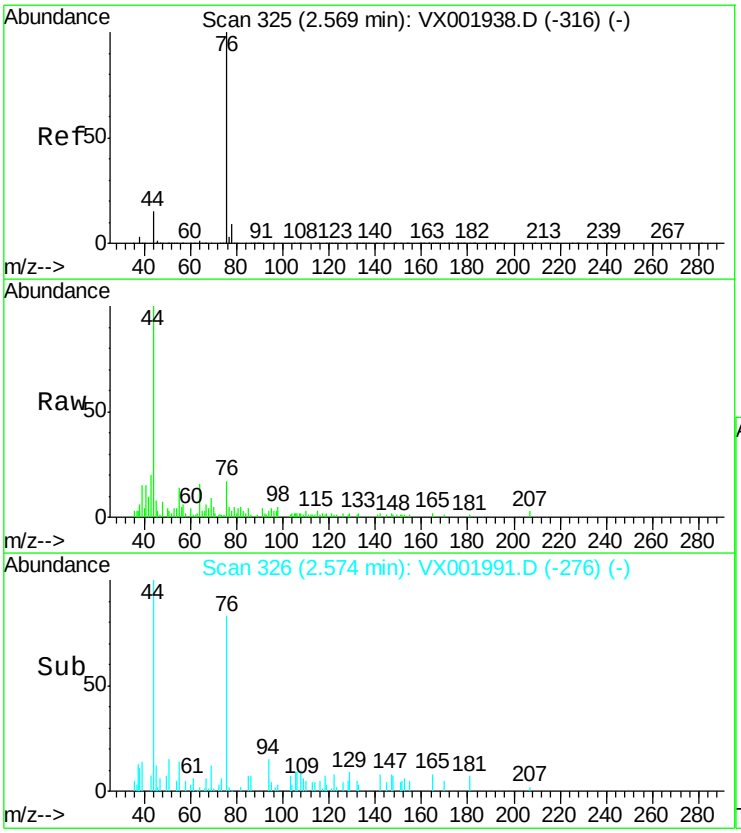
#16
Acetone
Concen: 0.82 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBL02

Tgt Ion: 43 Resp: 1711

Ion	Ratio	Lower	Upper
43	100		
58	23.3	22.3	33.5

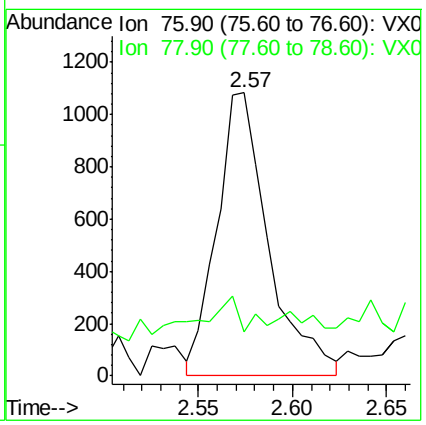


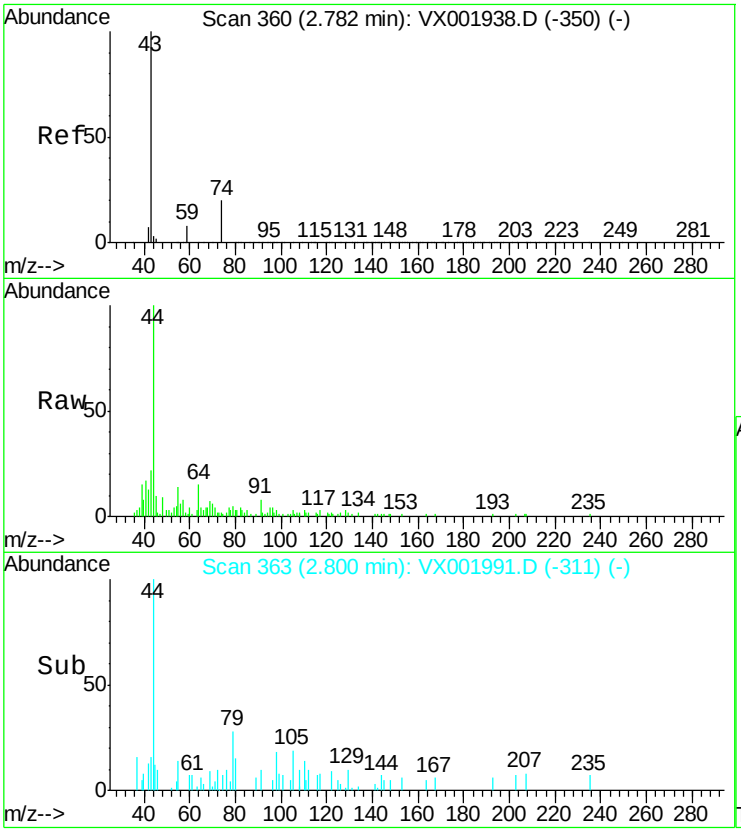


#17
Carbon Disulfide
Concen: 0.20 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Tgt Ion: 76 Resp: 2069

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.2#



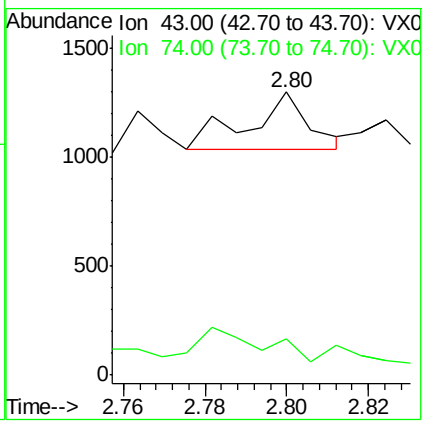


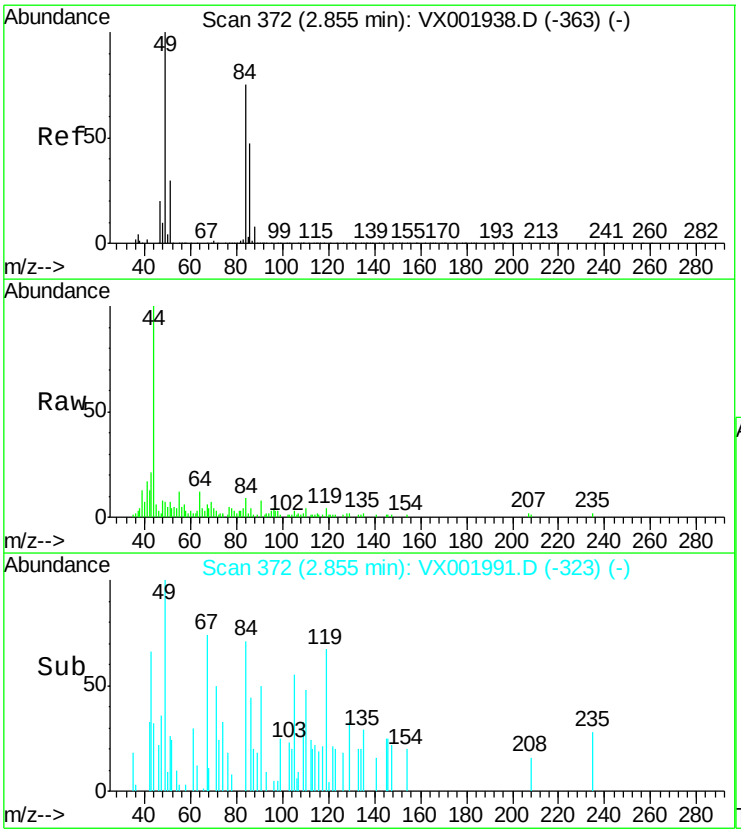
#18
Methyl Acetate
Concen: Below Cal
RT: 2.80 min Scan# 363
Delta R.T. 0.02 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBL02

Tgt Ion: 43 Resp: 275

Ion	Ratio	Lower	Upper
43	100		
74	85.8	16.8	25.2#

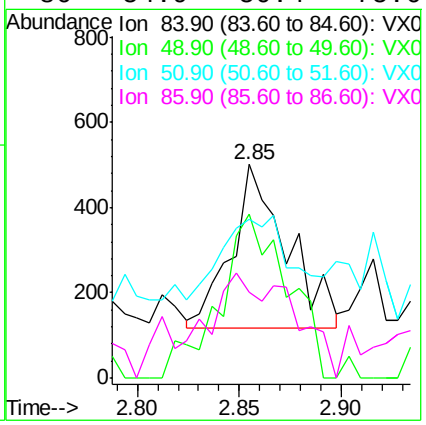


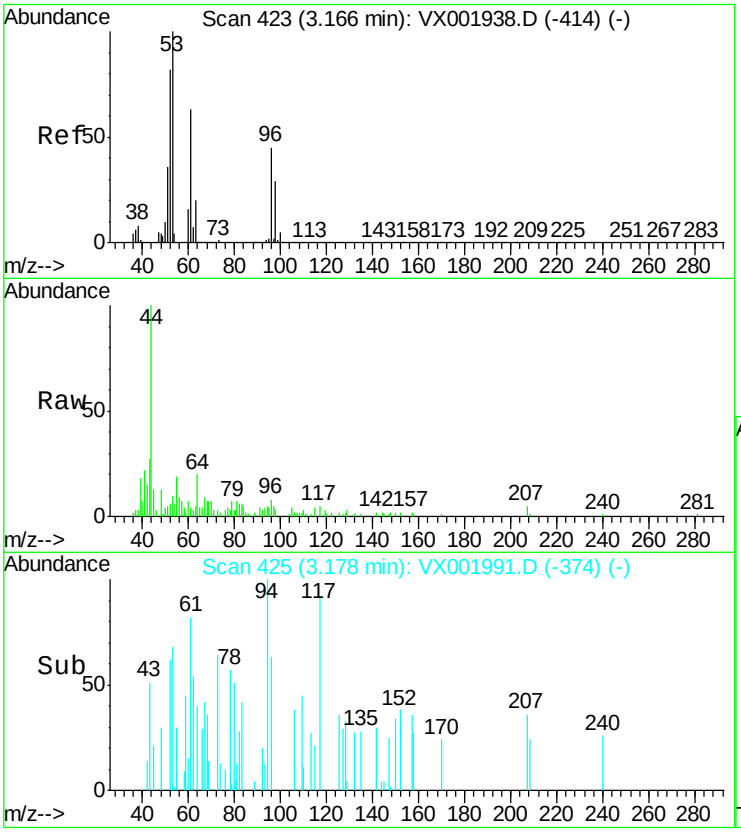


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Tgt Ion: 84 Resp: 725

Ion	Ratio	Lower	Upper
84	100		
49	105.2	107.2	160.8#
51	51.9	32.4	48.6#
86	54.9	50.4	75.6



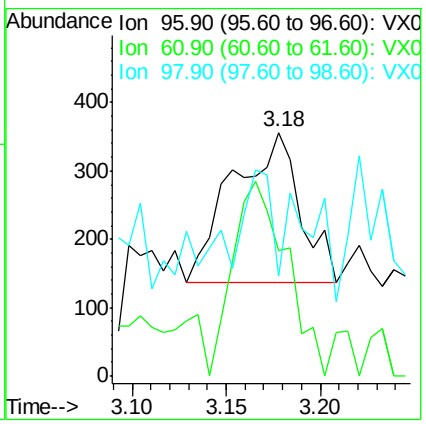


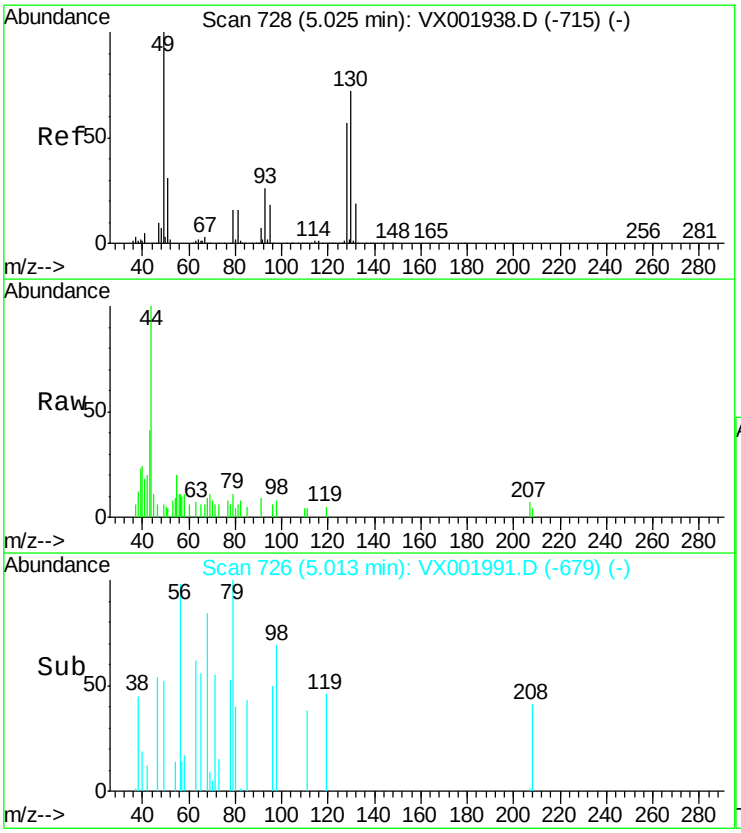
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.18 min Scan# 425
Delta R.T. 0.01 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBL02

Tgt Ion: 96 Resp: 553

Ion	Ratio	Lower	Upper
96	100		
61	54.5	113.3	169.9#
98	17.3	51.7	77.5#

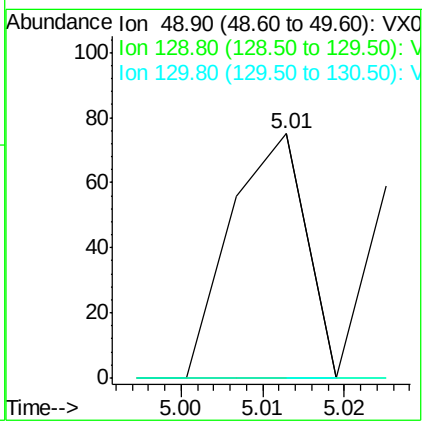


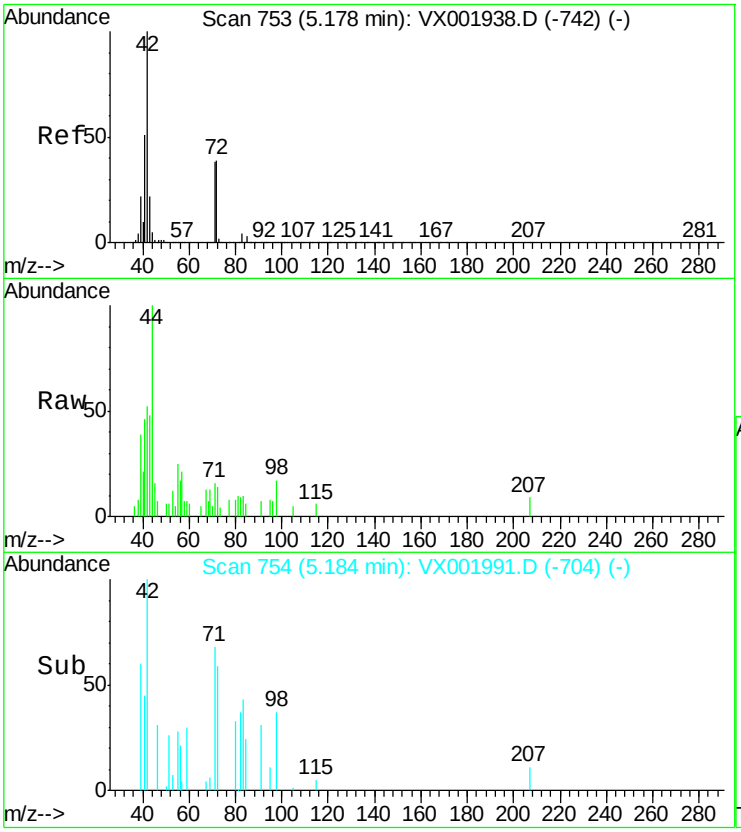


#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 726
Delta R.T. -0.01 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Tgt Ion: 49 Resp: 48

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



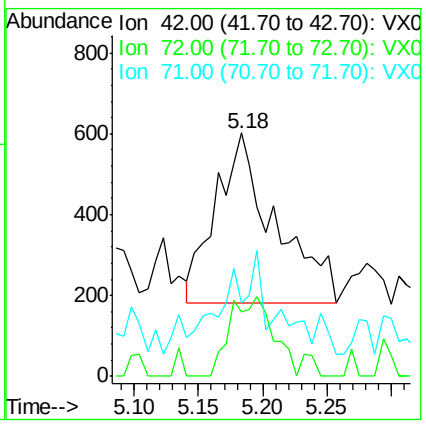


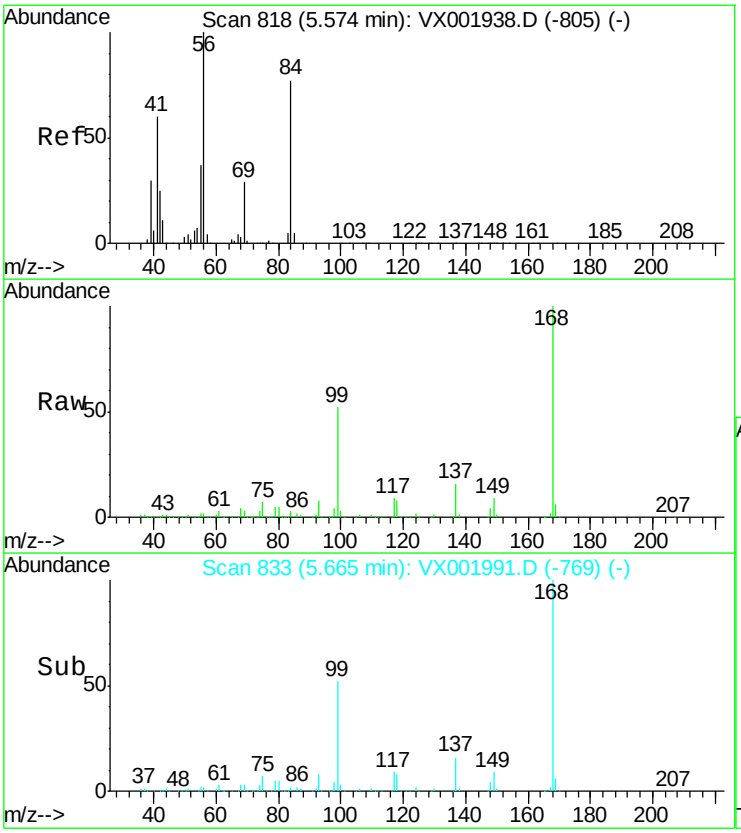
#29
Tetrahydrofuran
Concen: 0.54 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Instrument : MSVOA_X
ClientSampleId : VX0525WBL02

Tgt Ion: 42 Resp: 1341

Ion	Ratio	Lower	Upper
42	100		
72	34.2	31.4	47.0
71	11.0	29.5	44.3#

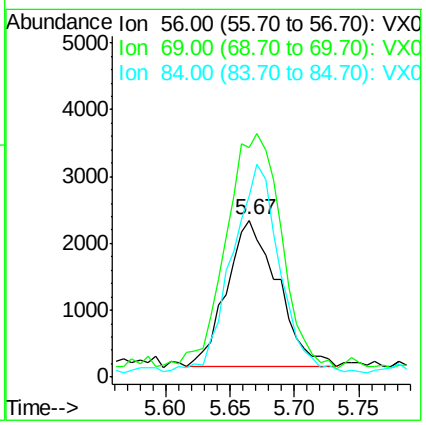


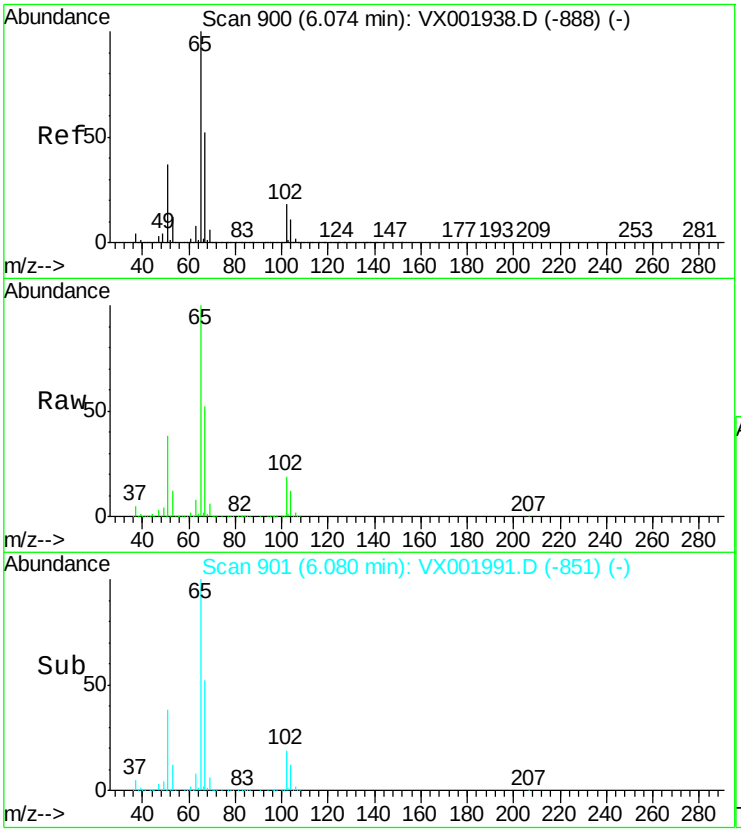


#31
Cyclohexane
Concen: 0.81 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Tgt Ion: 56 Resp: 6033

Ion	Ratio	Lower	Upper
56	100		
69	151.6	23.1	34.7#
84	118.1	62.0	93.0#



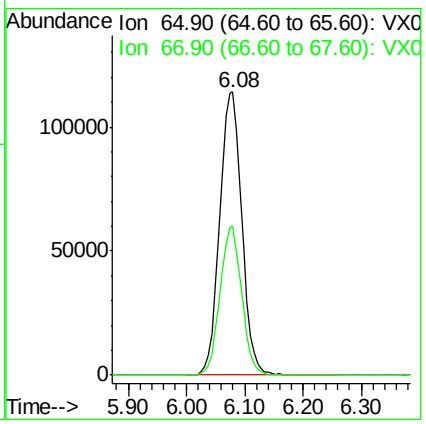


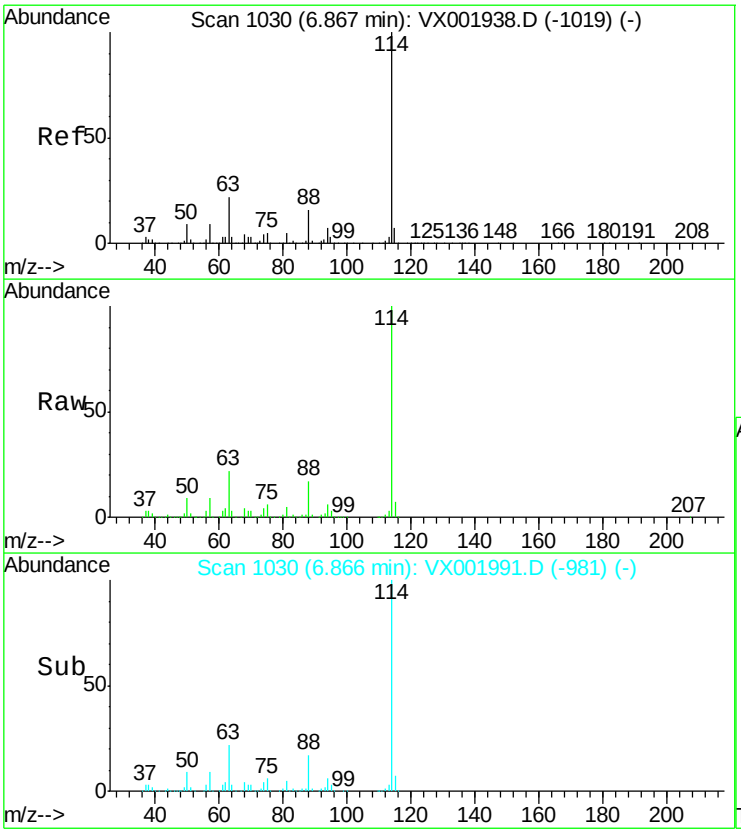
#33
1,2-Dichloroethane-d4
Concen: 55.20 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBL02

Tgt Ion: 65 Resp: 299610

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.0

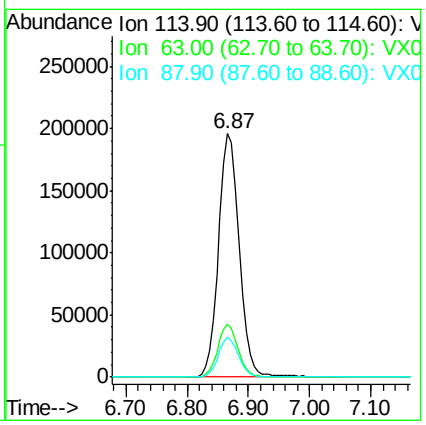


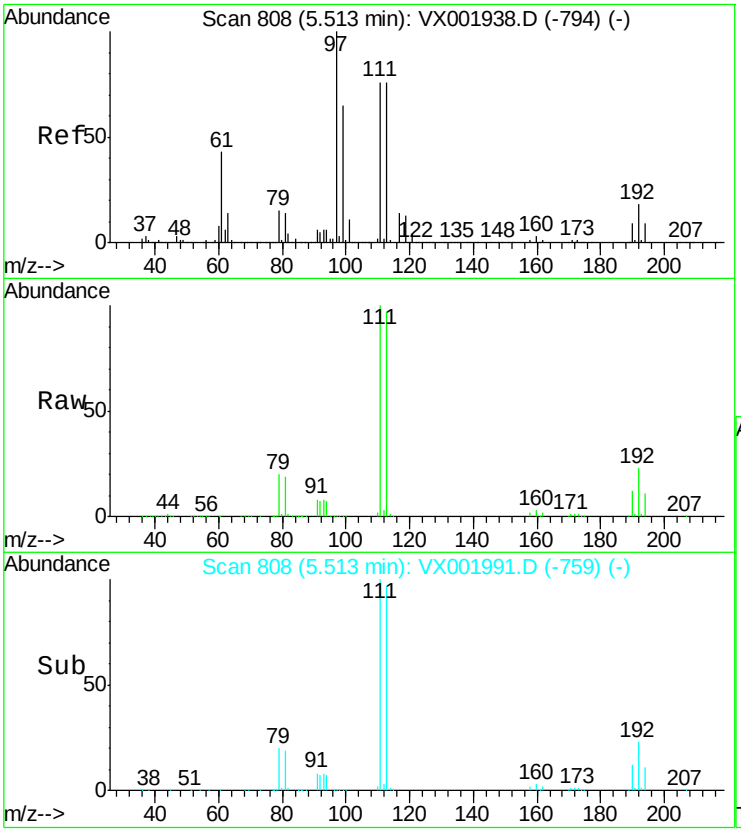


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Tgt Ion:114 Resp: 462662

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.2
88	16.5	0.0	31.6



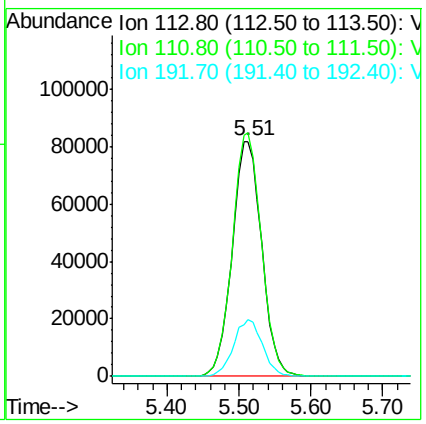


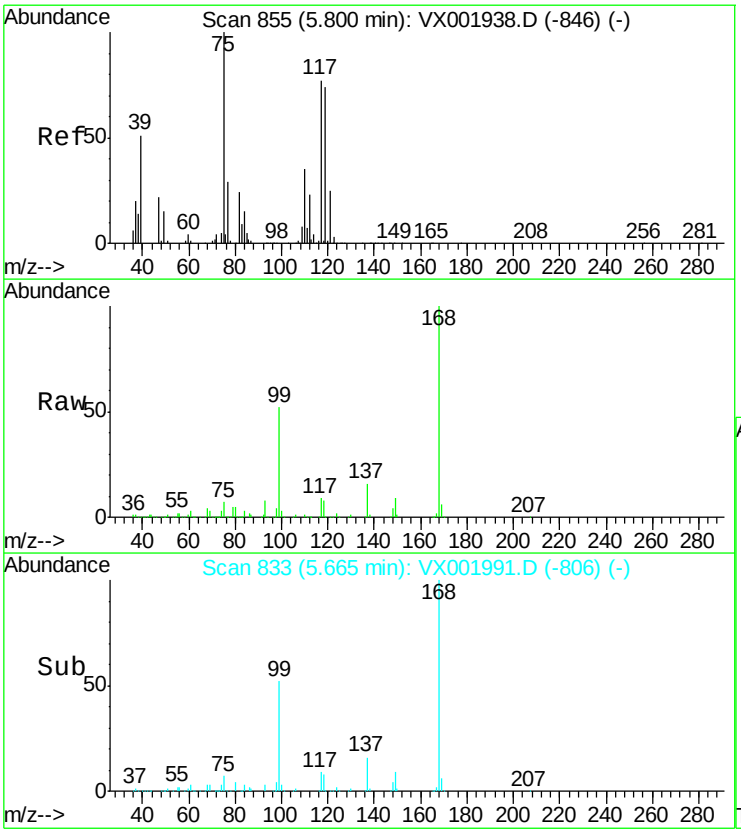
#35
Dibromofluoromethane
Concen: 50.25 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBL02

Tgt Ion:113 Resp: 232490

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	23.6	18.9	28.3

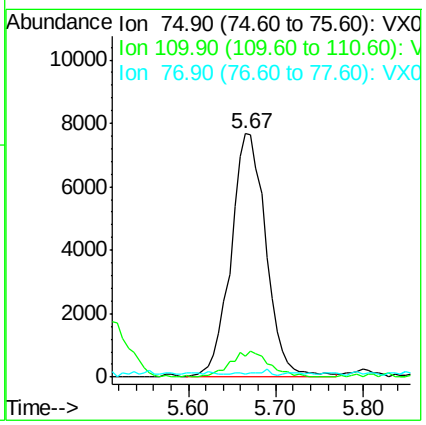


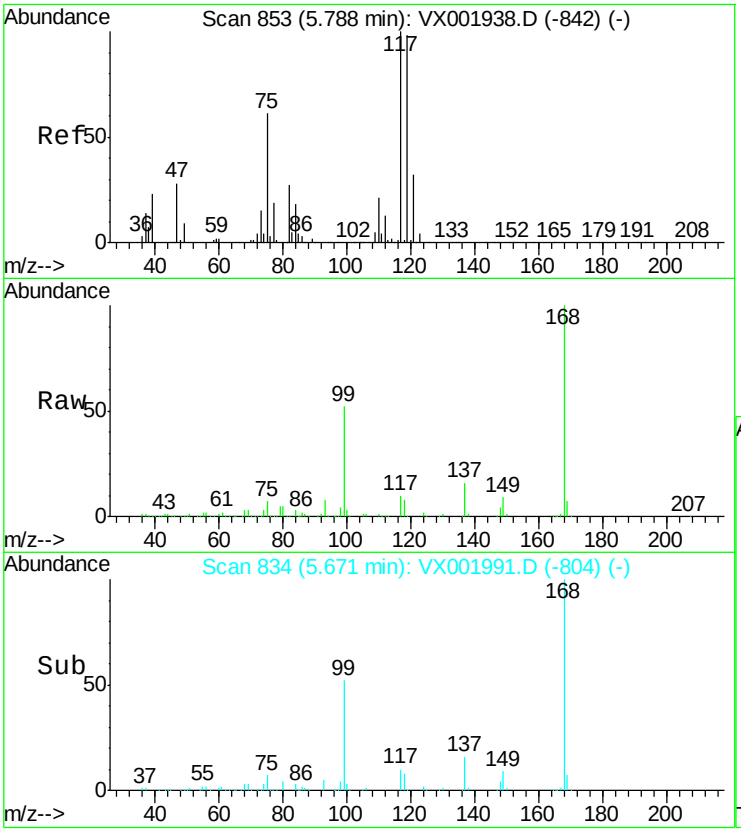


#36
1,1-Dichloropropene
Concen: 3.34 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Tgt Ion: 75 Resp: 21477

Ion	Ratio	Lower	Upper
75	100		
110	11.8	17.4	52.2#
77	0.5	24.4	36.6#



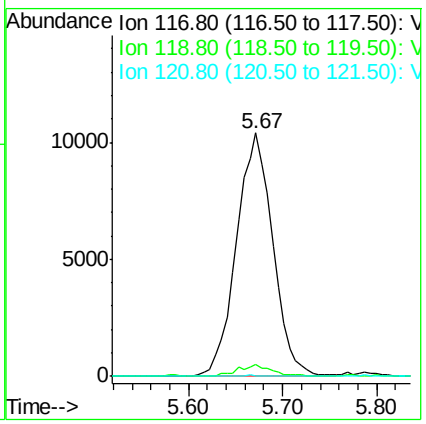


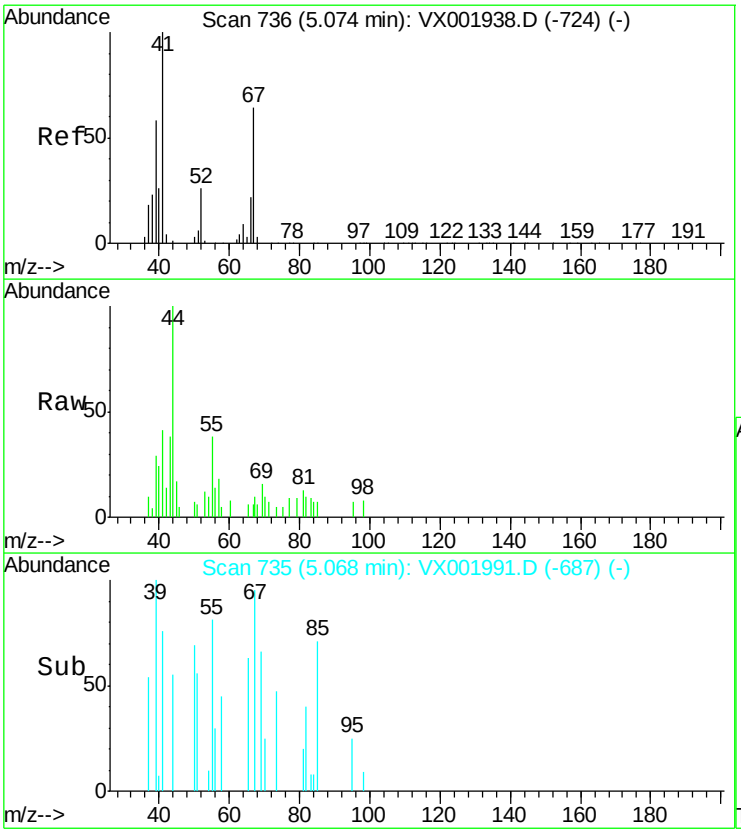
#38
Carbon Tetrachloride
Concen: 3.73 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBL02

Tgt Ion:117 Resp: 27986

Ion	Ratio	Lower	Upper
117	100		
119	5.1	78.5	117.7#
121	0.0	25.5	38.3#

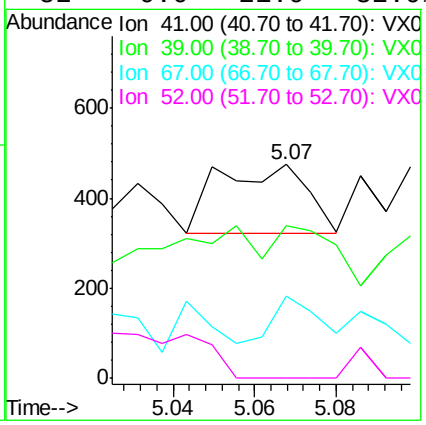


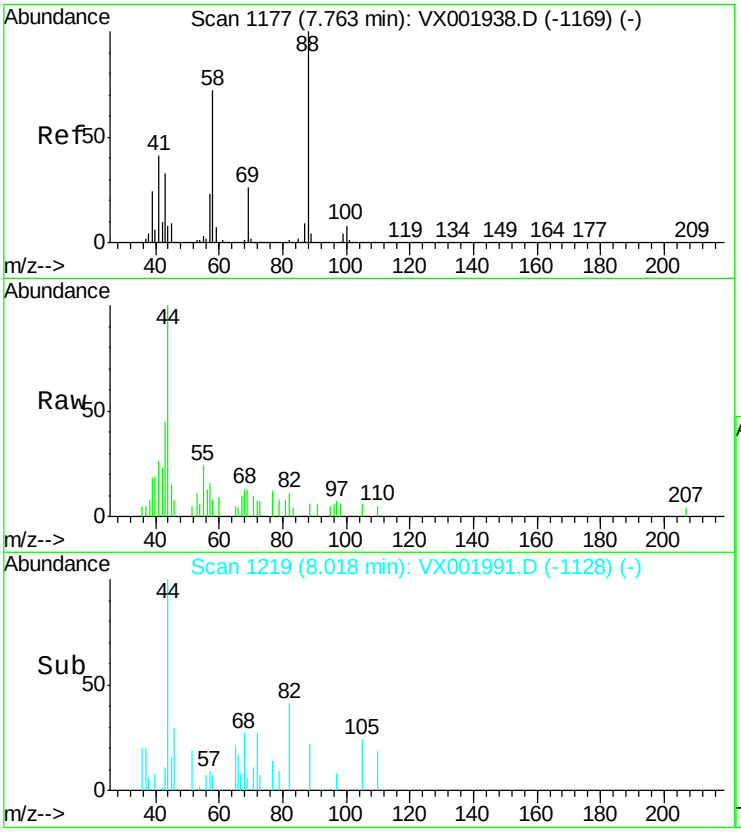


#41
Methacrylonitrile
Concen: Below Cal
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Tgt Ion: 41 Resp: 227

Ion	Ratio	Lower	Upper
41	100		
39	56.4	46.0	69.0
67	42.3	50.6	75.8#
52	0.0	21.9	32.9#



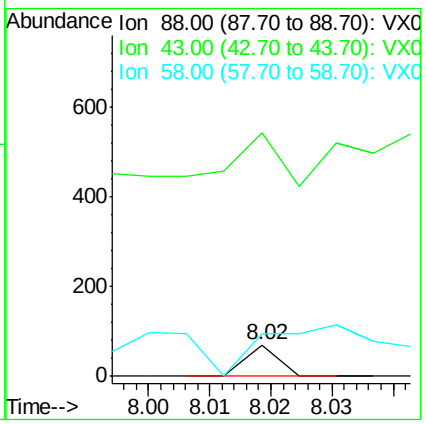


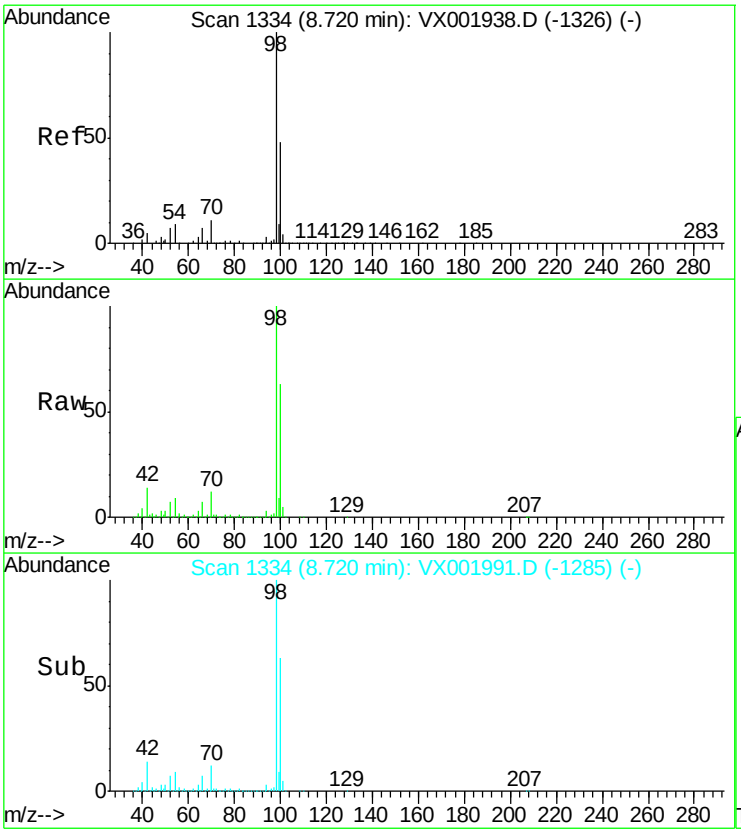
#49
1,4-Dioxane
Concen: 0.21 ug/l
RT: 8.02 min Scan# 1219
Delta R.T. 0.26 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBL02

Tgt Ion: 88 Resp: 26

Ion	Ratio	Lower	Upper
88	100		
43	223.1	29.8	44.8#
58	538.5	58.7	88.1#

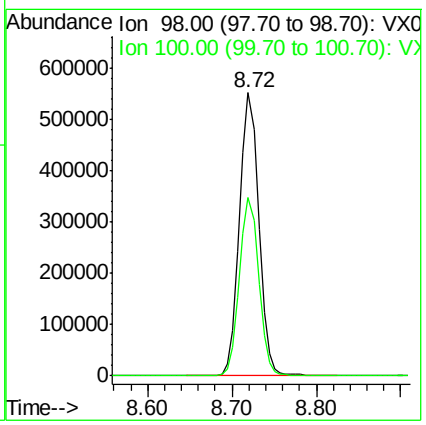


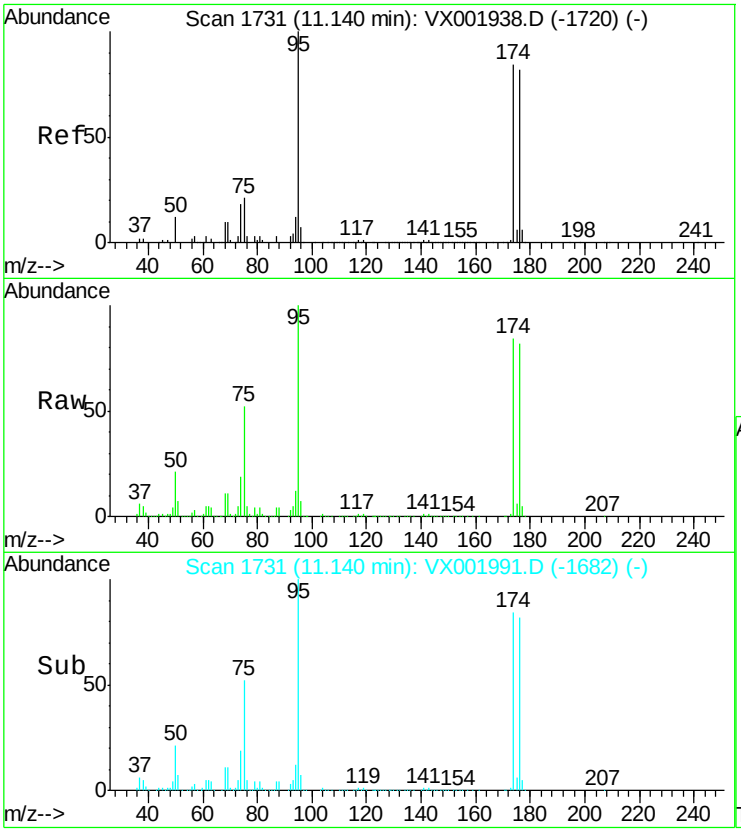


#50
Toluene-d8
Concen: 50.70 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Tgt Ion: 98 Resp: 849207

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.5	77.3



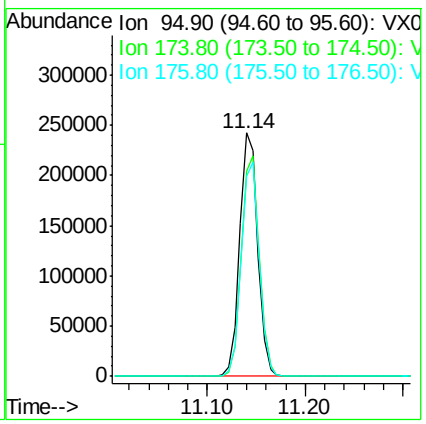


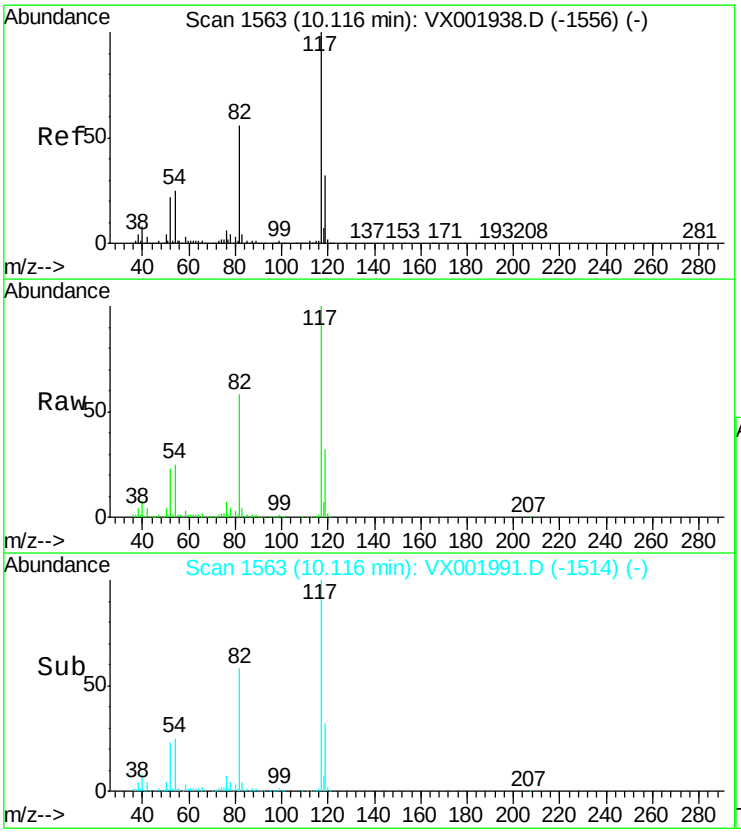
#62
4-Bromofluorobenzene
Concen: 47.17 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBL02

Tgt Ion: 95 Resp: 309104

Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	178.8
176	88.0	0.0	175.6

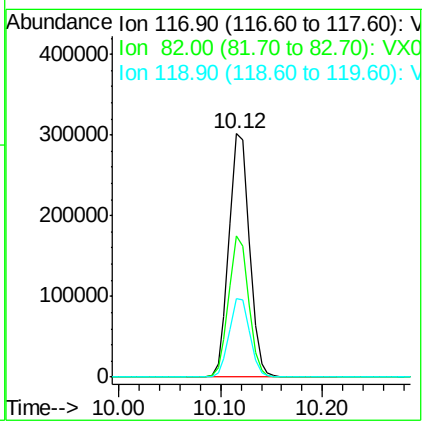


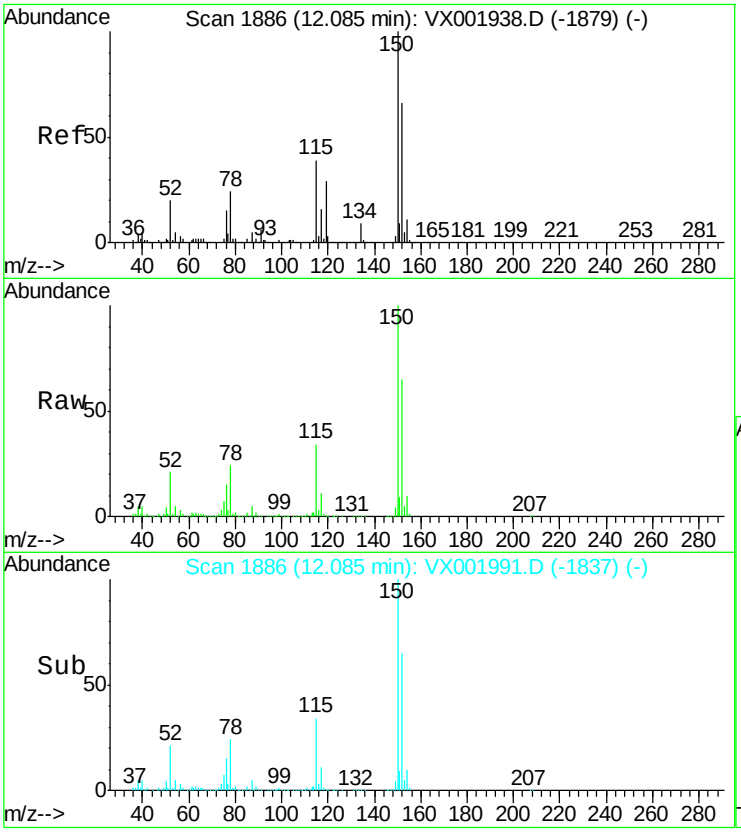


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Tgt Ion:117 Resp: 417701

Ion	Ratio	Lower	Upper
117	100		
82	57.9	44.8	67.2
119	32.2	25.5	38.3



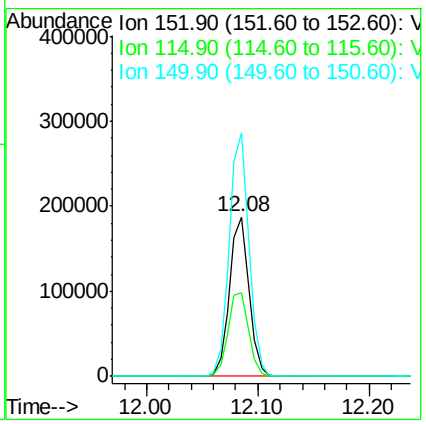


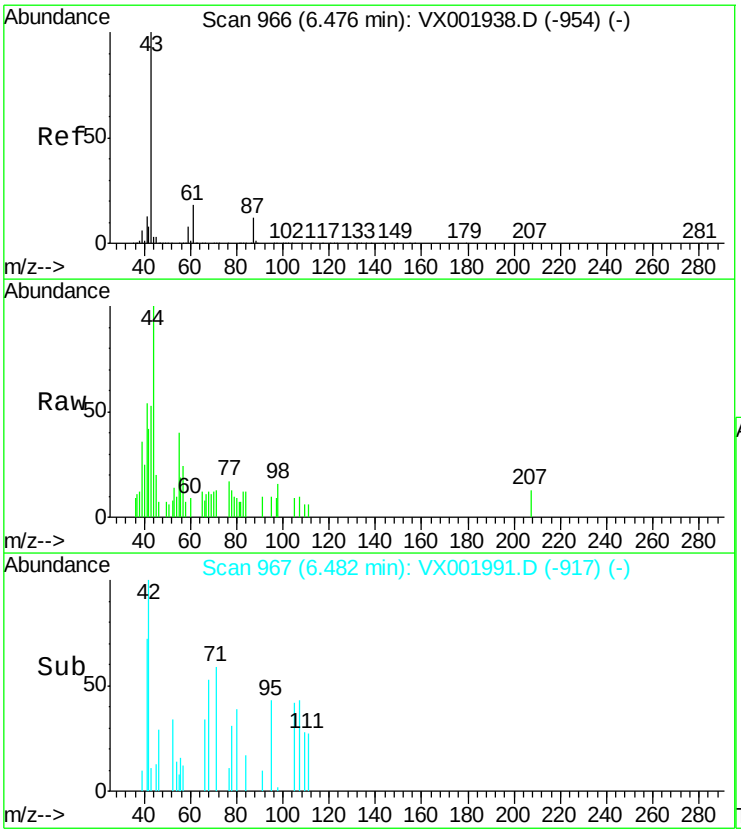
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Instrument : MSVOA_X
ClientSampleId : VX0525WBL02

Tgt Ion:152 Resp: 225997

Ion	Ratio	Lower	Upper
152	100		
115	55.4	42.3	126.8
150	154.5	0.0	351.0

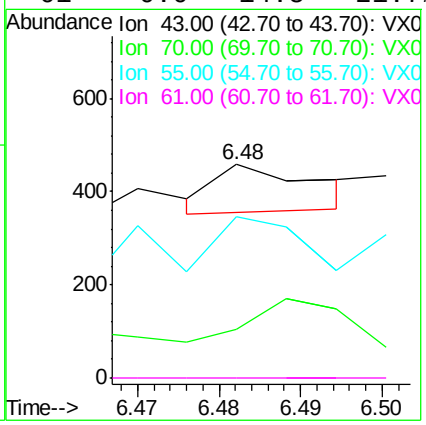


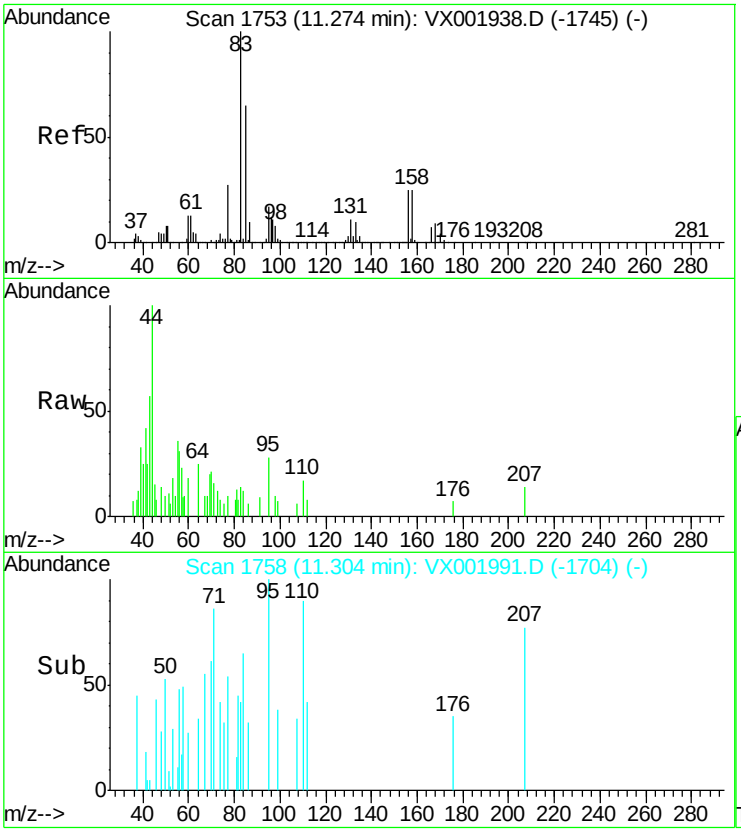


#74
N-amyl acetate
Concen: Below Cal
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Tgt Ion: 43 Resp: 87

Ion	Ratio	Lower	Upper
43	100		
70	128.7	0.1	0.1#
55	189.7	0.1	0.1#
61	0.0	14.5	21.7#



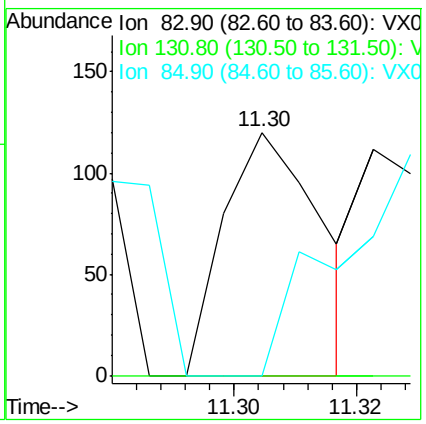


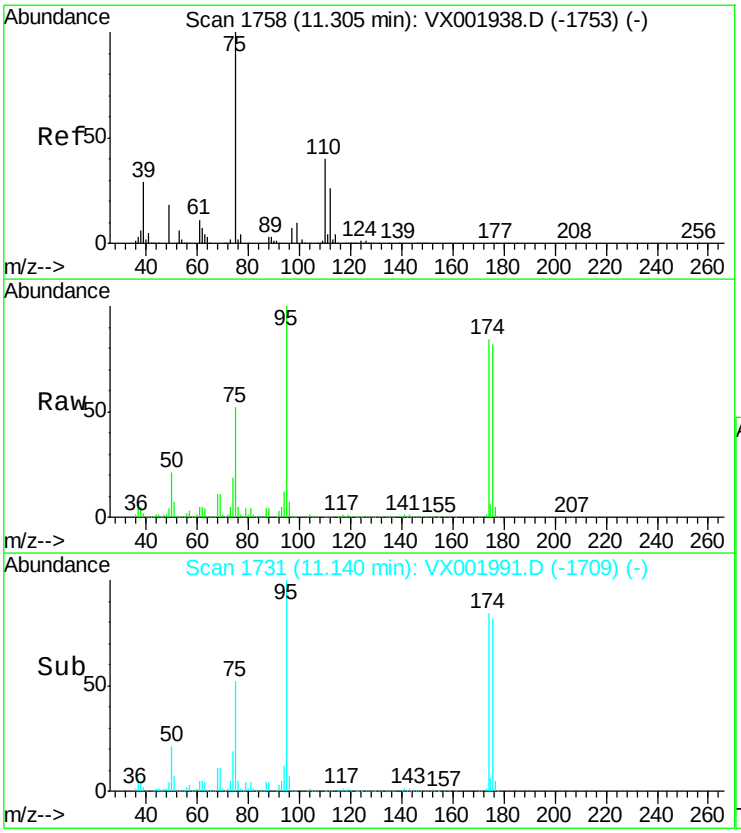
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.30 min Scan# 1758
Delta R.T. 0.03 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Instrument : MSVOA_X
ClientSampleId : VX0525WBL02

Tgt Ion: 83 Resp: 132

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

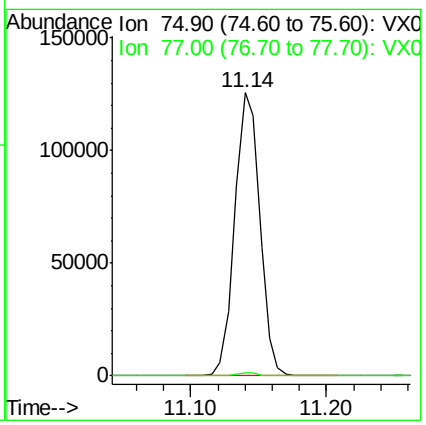


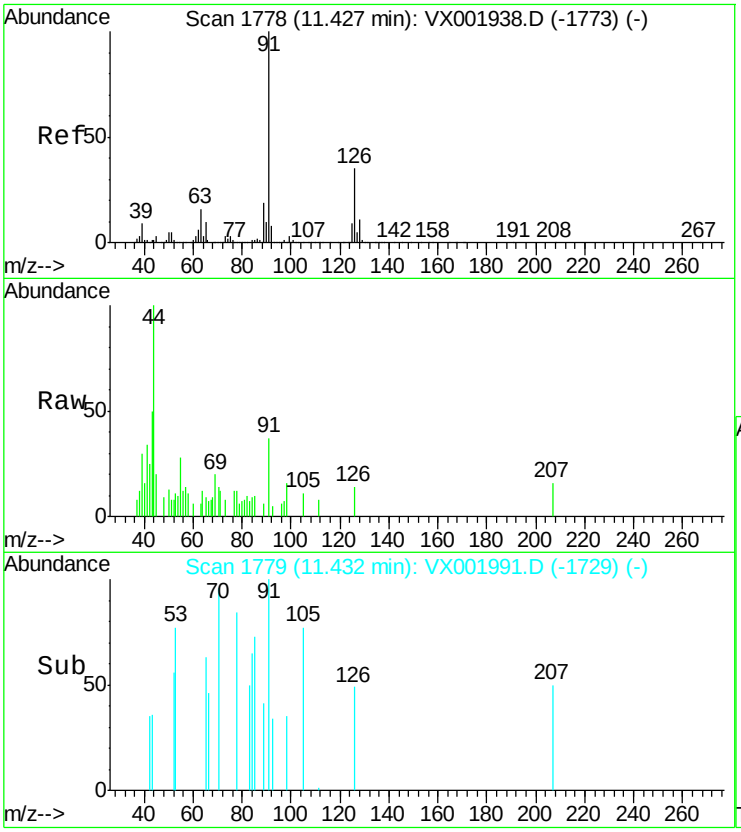


#76
1,2,3-Trichloropropane
Concen: 29.65 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Tgt Ion: 75 Resp: 160941

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.8	68.3#



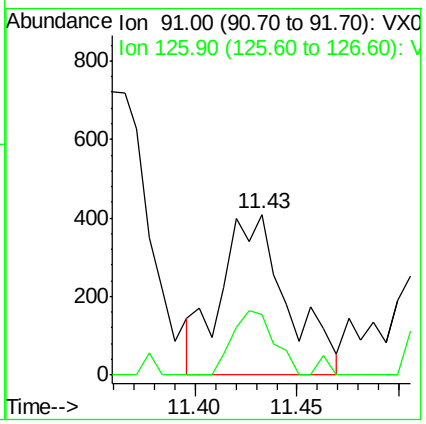


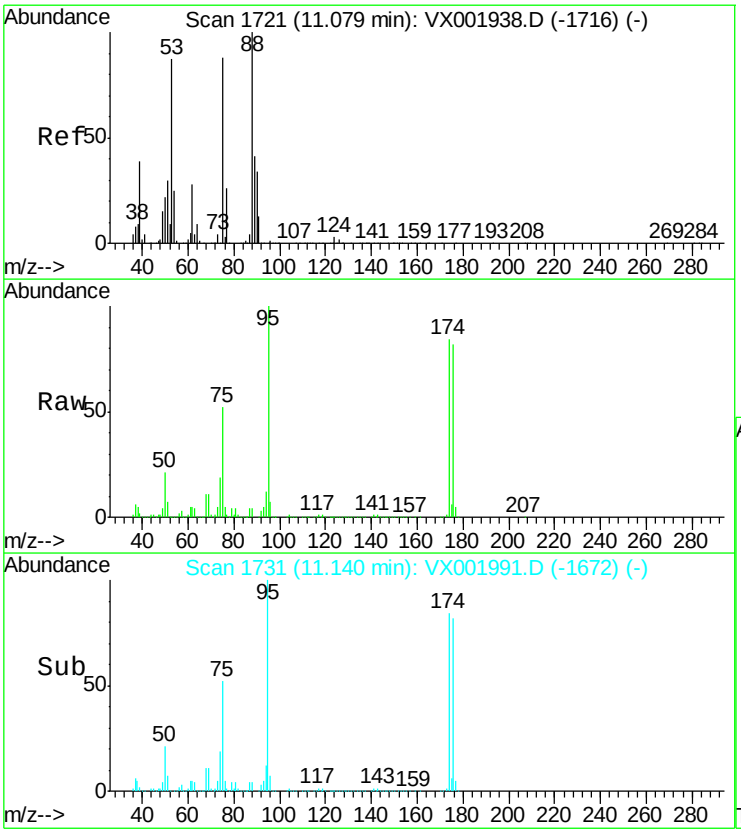
#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.43 min Scan# 1779
Delta R.T. 0.01 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Instrument : MSVOA_X
ClientSampleId : VX0525WBL02

Tgt Ion: 91 Resp: 918

Ion	Ratio	Lower	Upper
91	100		
126	25.3	17.4	52.2





#81
trans-1,4-Dichloro-2-butene
Concen: 71.26 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001991.D
Acq: 25 May 2018 22:23

Tgt Ion: 75 Resp: 160941

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