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

Quantitation Report (Not Reviewed)

Data File : VX001999.D
Acq On : 26 May 2018 01:56
Operator : JC/MD
Sample : PB109661ZHE#07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB109661ZHE#07

Quant Time: May 26 04:25:33 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	263677	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	416607	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	372179	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	191628	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	273562	58.04	ug/l		0.00
Spiked Amount 50.000			Recovery = 116.08%				
35) Dibromofluoromethane	5.51	113	208414	50.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.06%				
50) Toluene-d8	8.72	98	698215	46.29	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.58%				
62) 4-Bromofluorobenzene	11.14	95	250388	42.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 84.86%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	108	Below Cal		#	41
5) Bromomethane	1.66	94	1412	Below Cal		#	63
6) Chloroethane	1.77	64	2452	1.06	ug/l	#	47
10) Methyl Iodide	2.52	142	1452	0.33	ug/l	#	77
11) Tert butyl alcohol	3.03	59	2979	3.22	ug/l	#	83
13) Acrolein	2.31	56	179	0.45	ug/l	#	14
16) Acetone	2.45	43	15776	8.67	ug/l		95
18) Methyl Acetate	2.79	43	27803	5.33	ug/l		91
20) Methylene Chloride	2.86	84	6296	0.34	ug/l		93
21) trans-1,2-Dichloroethene	3.16	96	90	Below Cal		#	28
25) 2-Butanone	4.71	43	3107	0.93	ug/l	#	80
28) Bromochloromethane	5.01	49	42	Below Cal		#	11
29) Tetrahydrofuran	5.19	42	1493	0.69	ug/l	#	58
31) Cyclohexane	5.67	56	5444	0.84	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	18433	3.18	ug/l	#	53
38) Carbon Tetrachloride	5.67	117	24935	3.69	ug/l	#	15
41) Methacrylonitrile	5.06	41	111	Below Cal		#	39
51) 4-Methyl-2-Pentanone	8.66	43	1577	0.21	ug/l	#	84
74) N-amyl acetate	6.49	43	386	Below Cal		#	60
75) 1,1,2,2-Tetrachloroethane	11.07	83	154	Below Cal			67
76) 1,2,3-Trichloropropane	11.14	75	132984	28.89	ug/l	#	33
79) 2-Chlorotoluene	11.43	91	245	Below Cal			72
81) trans-1,4-Dichloro-2-buten	11.14	75	132984	69.44	ug/l	#	10
92) 1,2-Dibromo-3-Chloropropan	12.82	75	387	0.27	ug/l	#	1

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

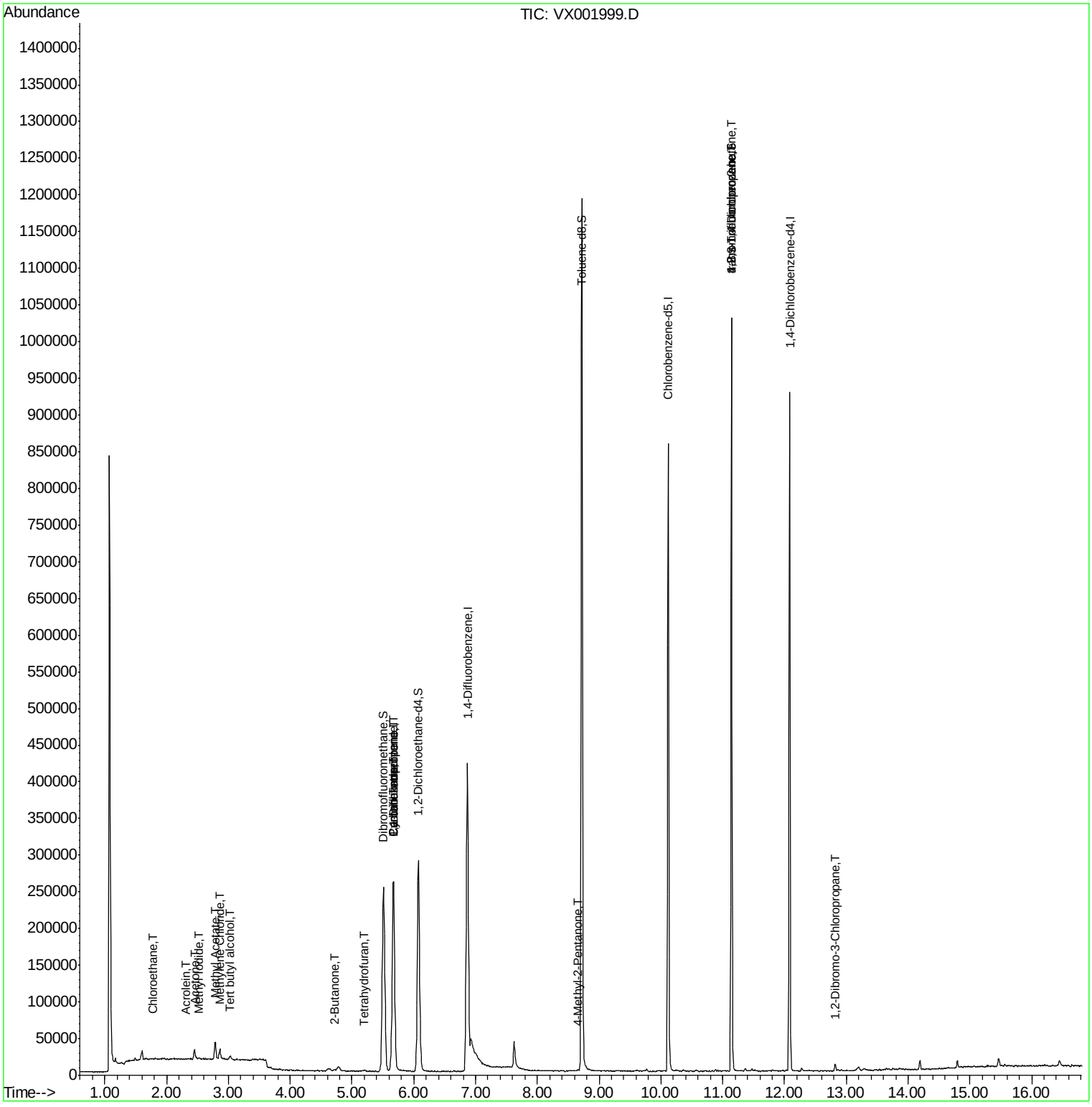
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\

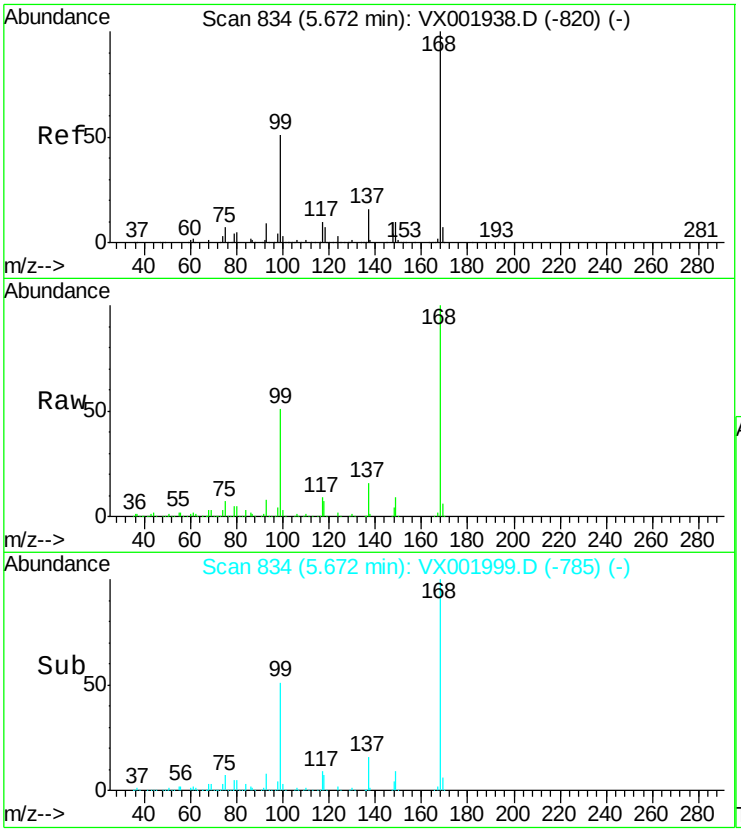
Quantitation Report (Not Reviewed)

Data File : VX001999.D
Acq On : 26 May 2018 01:56
Operator : JC/MD
Sample : PB109661ZHE#07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#07

Quant Time: May 26 04:25:33 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



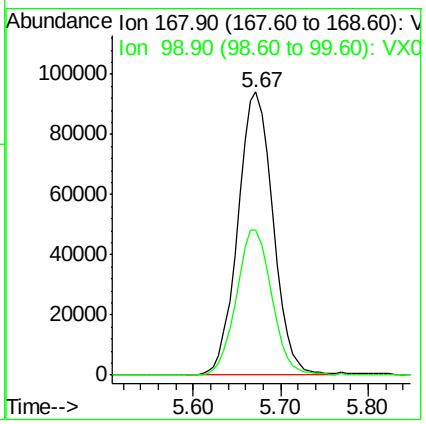


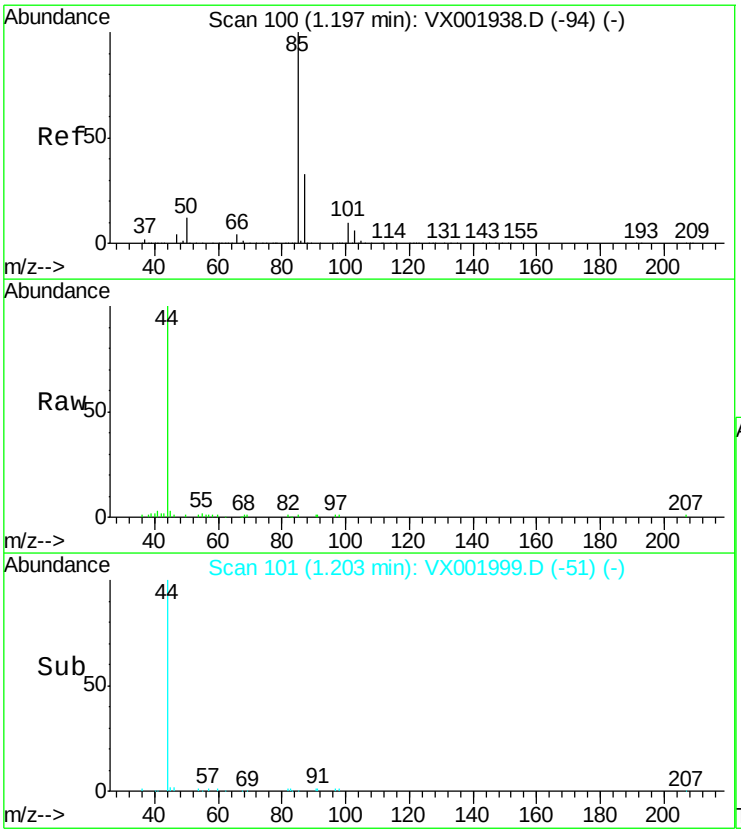
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#07

Tgt Ion:168 Resp: 263677

Ion	Ratio	Lower	Upper
168	100		
99	51.1	41.0	61.4

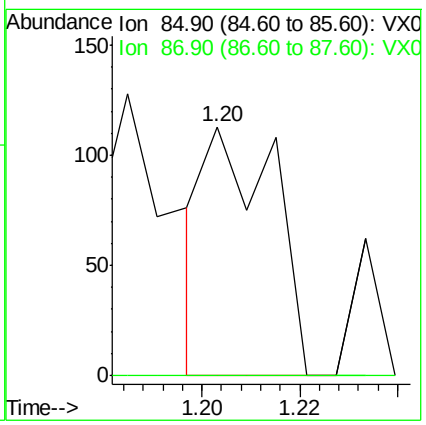


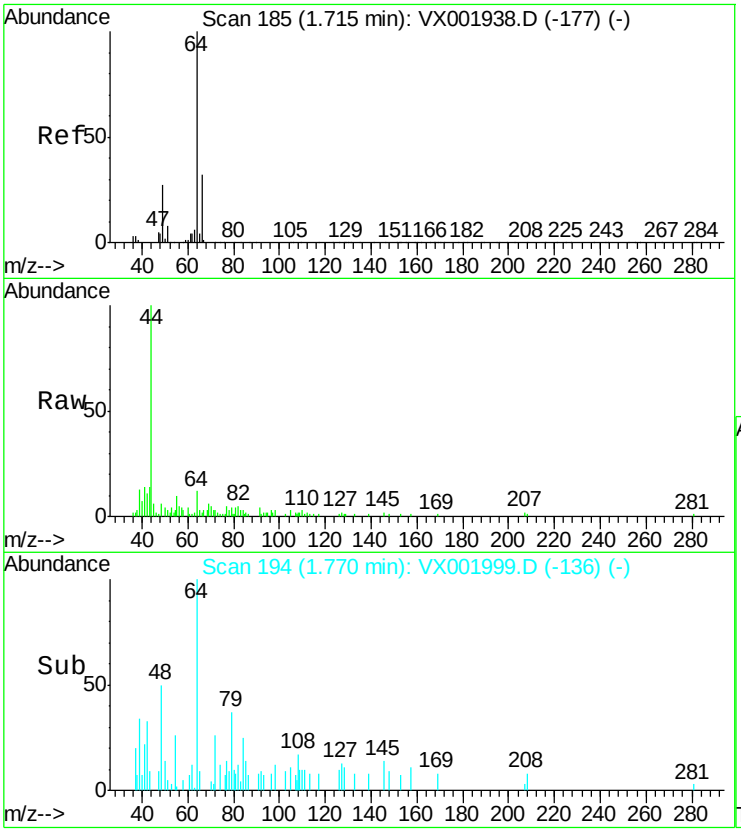


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 101
Delta R.T. 0.01 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Tgt Ion: 85 Resp: 108

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



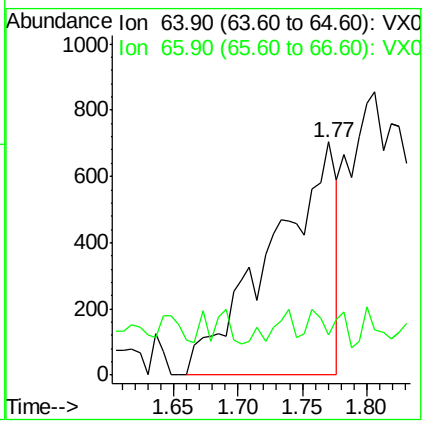


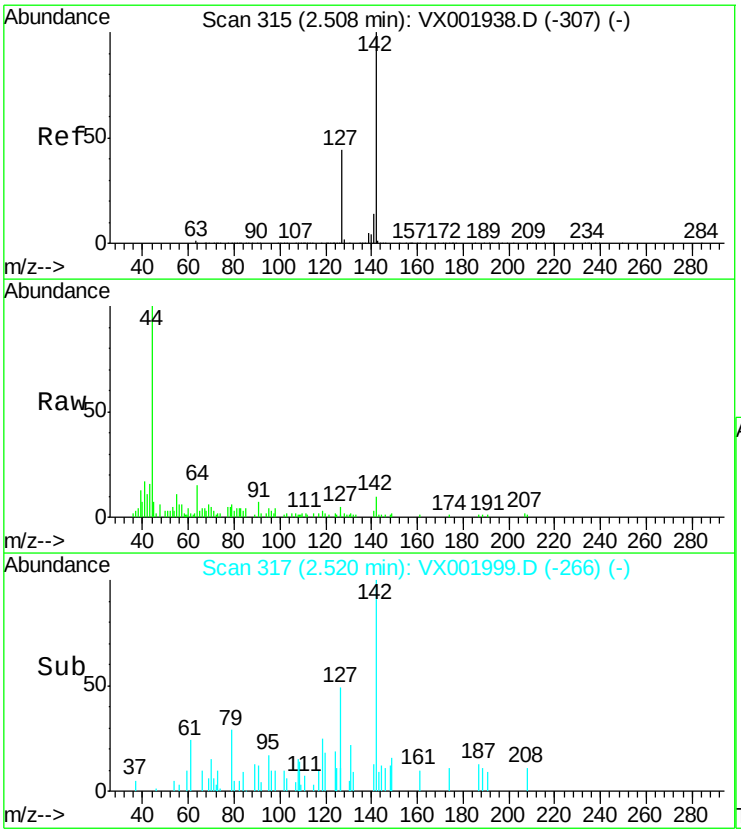
#6
Chloroethane
Concen: 1.06 ug/l
RT: 1.77 min Scan# 194
Delta R.T. 0.05 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#07

Tgt Ion: 64 Resp: 2452

Ion	Ratio	Lower	Upper
64	100		
66	2.3	25.6	38.4#

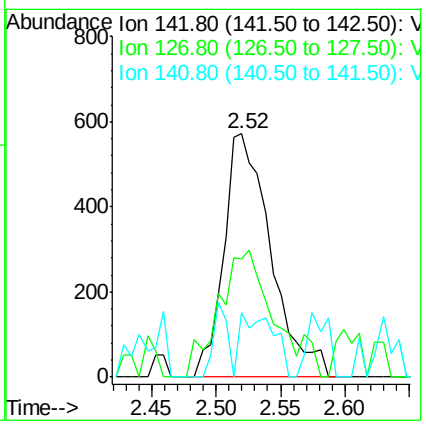


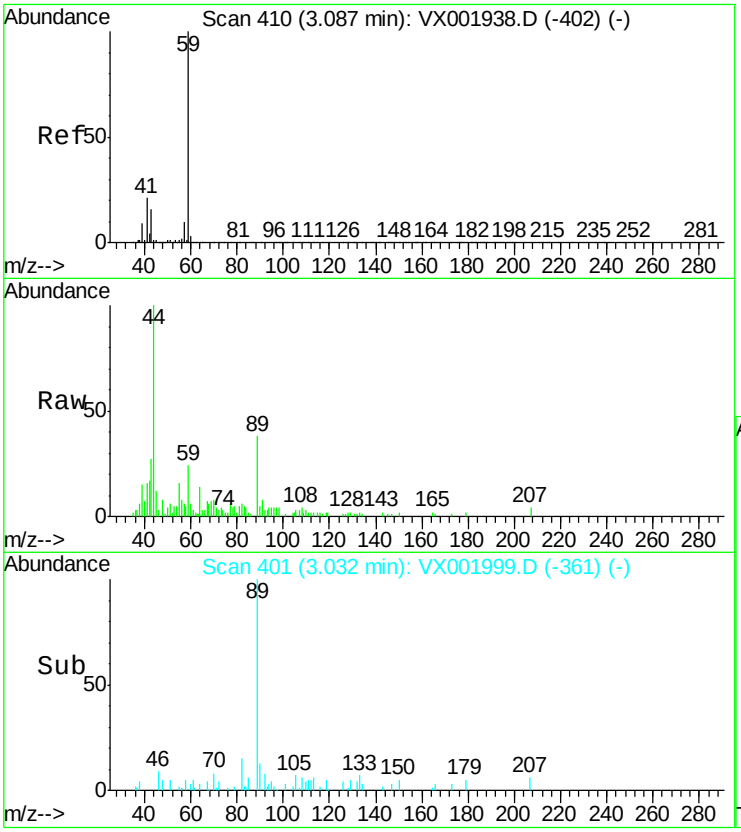


#10
Methyl Iodide
Concen: 0.33 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Tgt Ion:142 Resp: 1452

Ion	Ratio	Lower	Upper
142	100		
127	61.8	35.5	53.3#
141	18.5	11.3	16.9#



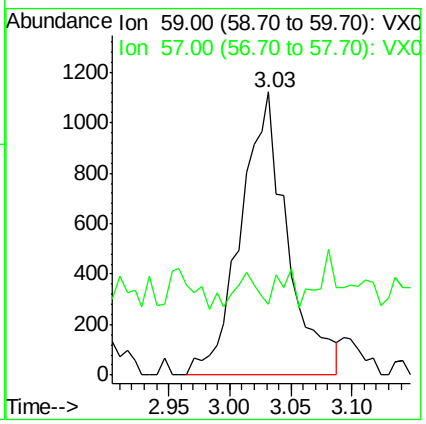


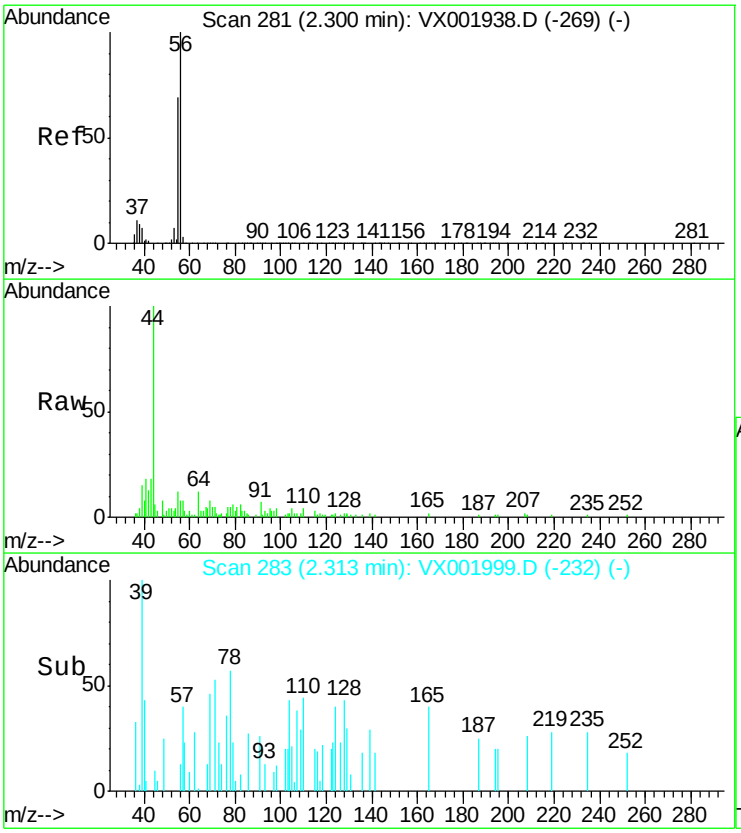
#11
Tert butyl alcohol
Concen: 3.22 ug/l
RT: 3.03 min Scan# 401
Delta R.T. -0.05 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Instrument : MSVOA_X
ClientSampleId : PB109661ZHE#07

Tgt Ion: 59 Resp: 2979

Ion	Ratio	Lower	Upper
59	100		
57	4.5	8.9	13.3#

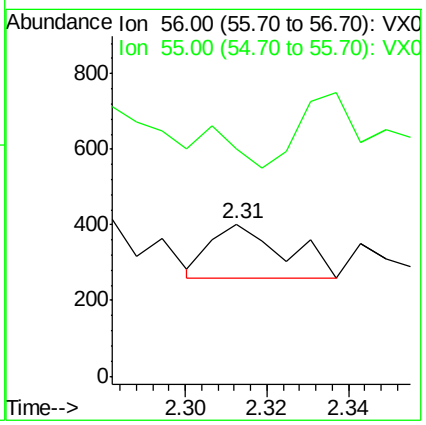


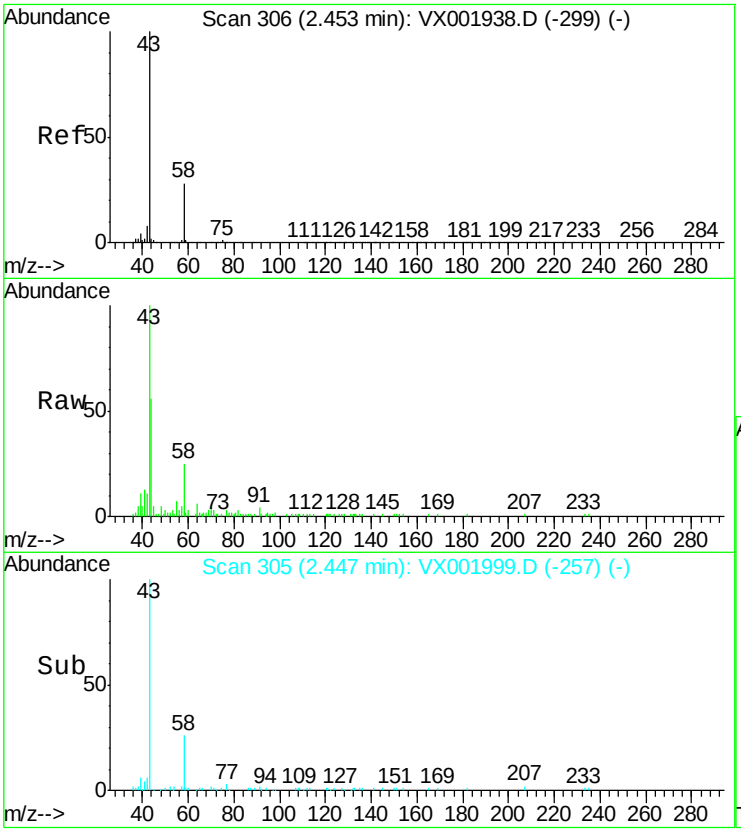


#13
Acrolein
Concen: 0.45 ug/l
RT: 2.31 min Scan# 283
Delta R.T. 0.01 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Tgt Ion: 56 Resp: 179

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.8	85.2#



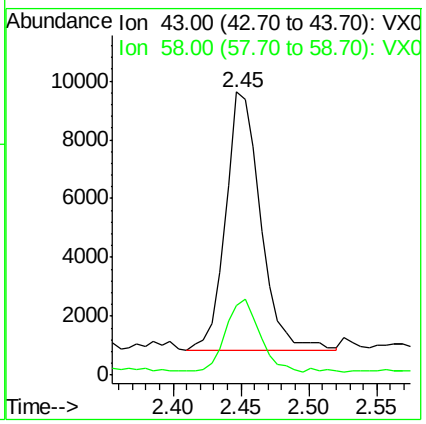


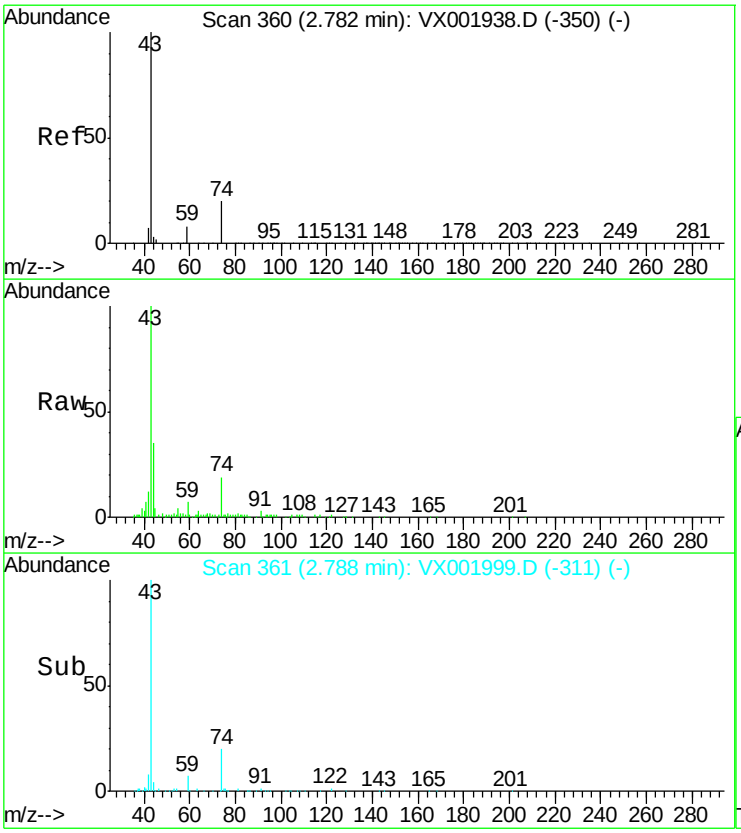
#16
Acetone
Concen: 8.67 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#07

Tgt Ion: 43 Resp: 15776

Ion	Ratio	Lower	Upper
43	100		
58	25.4	22.3	33.5

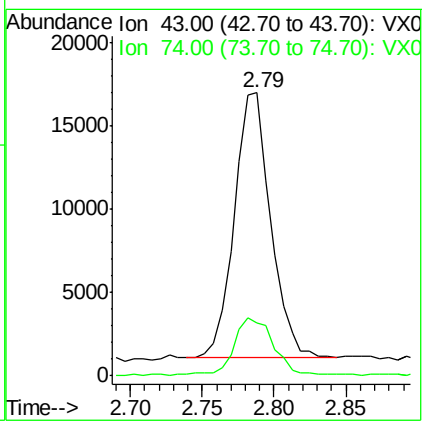


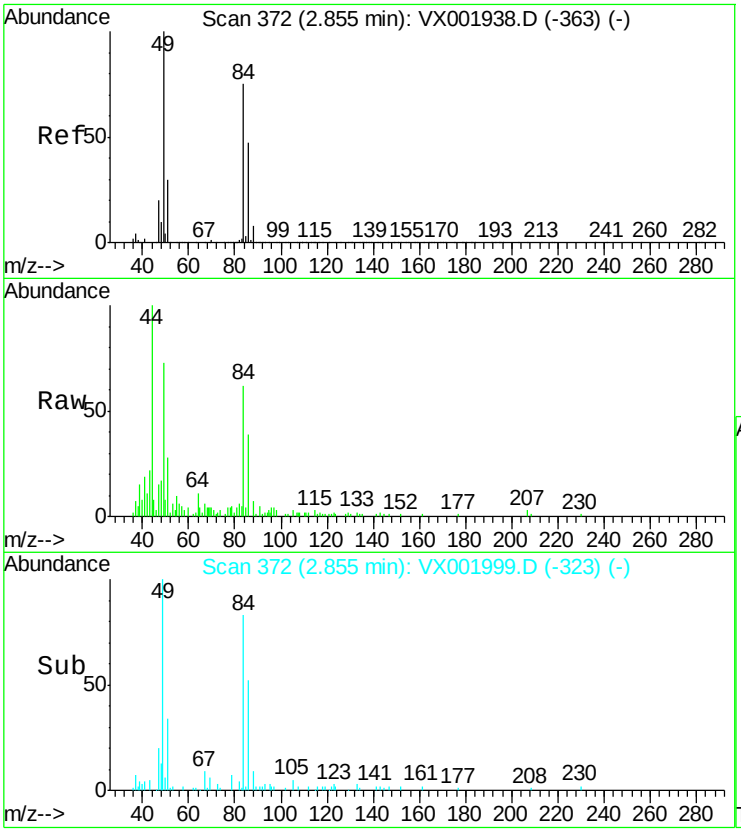


#18
Methyl Acetate
Concen: 5.33 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Tgt Ion: 43 Resp: 27803

Ion	Ratio	Lower	Upper
43	100		
74	25.0	16.8	25.2



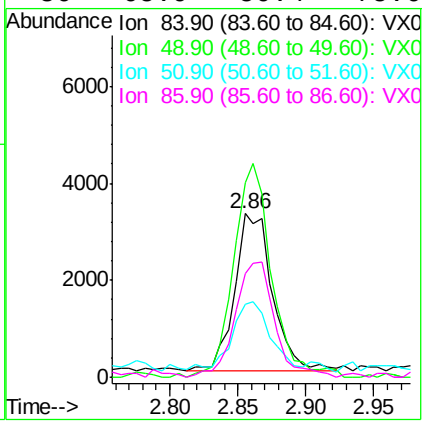


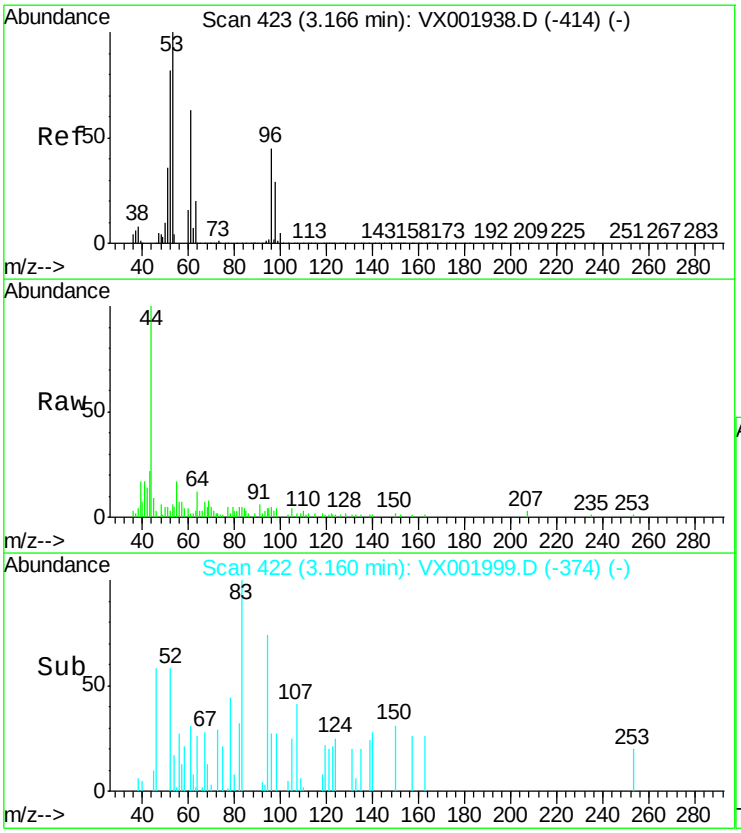
#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#07

Tgt Ion: 84 Resp: 6296

Ion	Ratio	Lower	Upper
84	100		
49	123.6	107.2	160.8
51	43.0	32.4	48.6
86	65.9	50.4	75.6

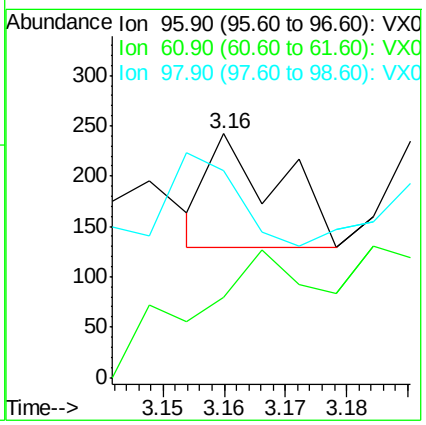


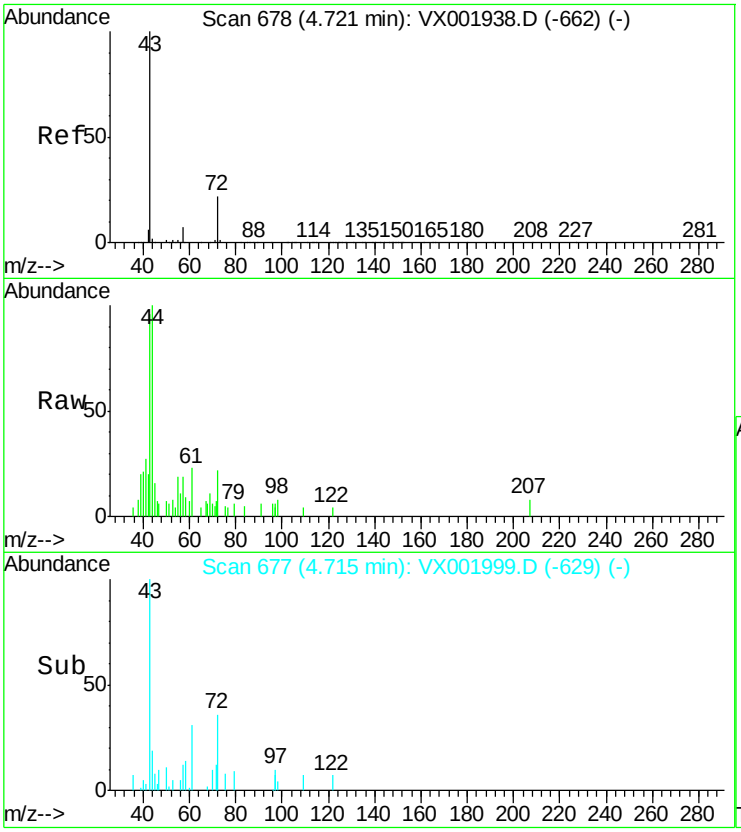


#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Tgt Ion: 96 Resp: 90

Ion	Ratio	Lower	Upper
96	100		
61	22.1	113.3	169.9#
98	51.3	51.7	77.5#



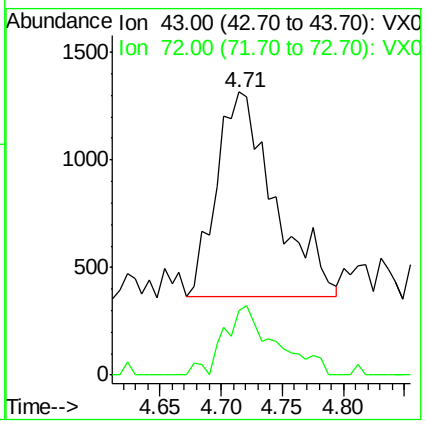


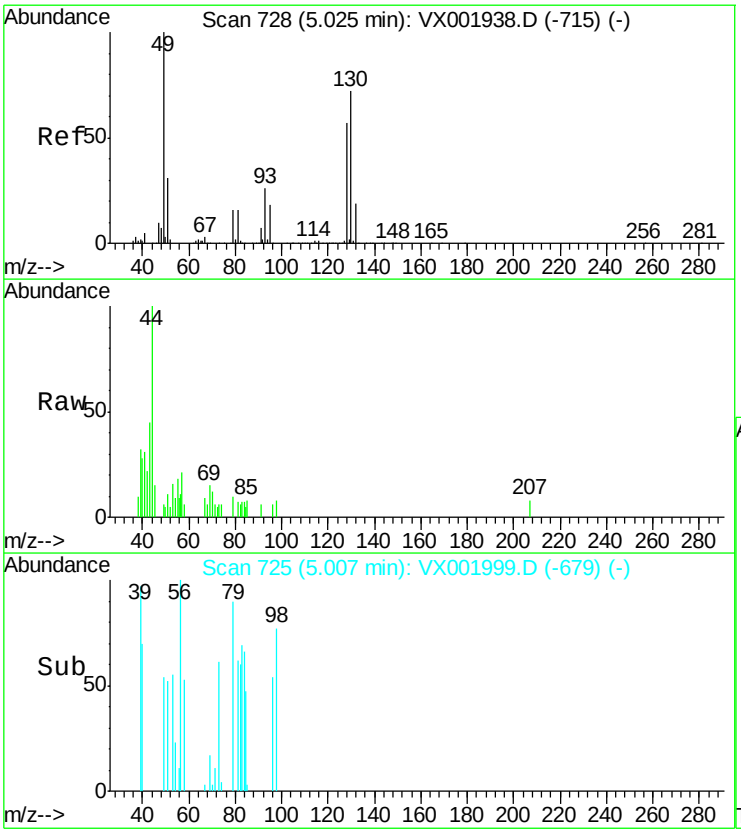
#25
2-Butanone
Concen: 0.93 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#07

Tgt Ion: 43 Resp: 3107

Ion	Ratio	Lower	Upper
43	100		
72	32.0	17.9	26.9#

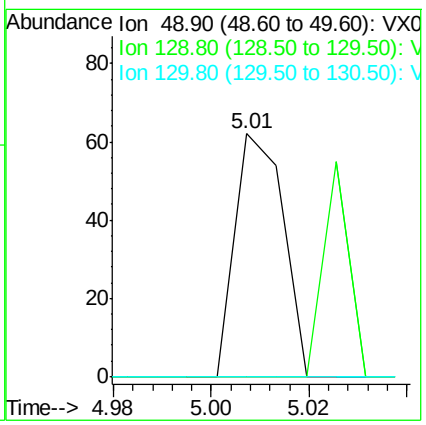


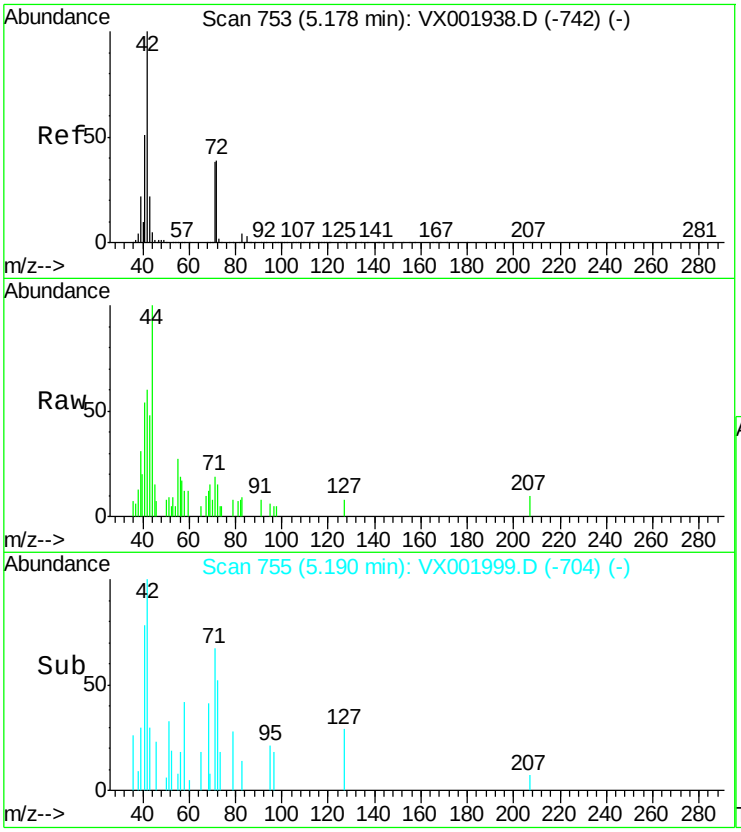


#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 725
Delta R.T. -0.02 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Tgt Ion: 49 Resp: 42

Ion	Ratio	Lower	Upper
49	100		
129	47.6	0.0	3.8#
130	0.0	59.4	89.2#



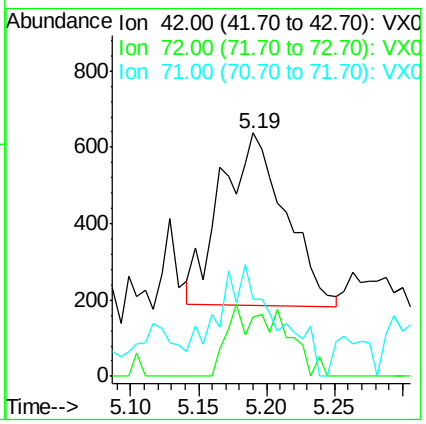


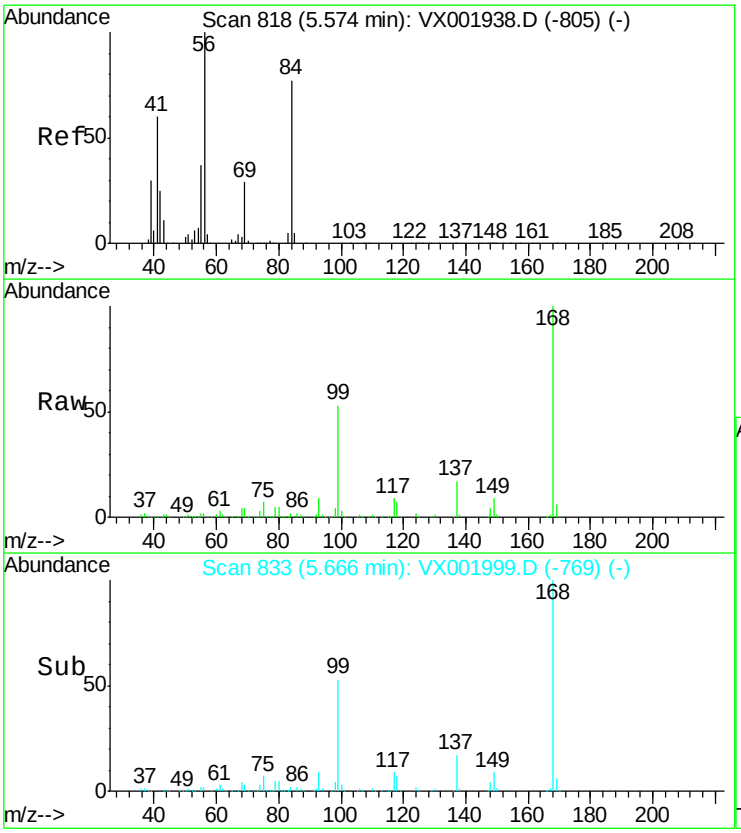
#29
Tetrahydrofuran
Concen: 0.69 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#07

Tgt Ion: 42 Resp: 1493

Ion	Ratio	Lower	Upper
42	100		
72	12.1	31.4	47.0#
71	59.8	29.5	44.3#

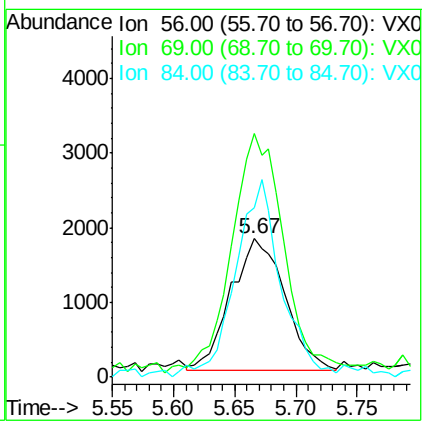


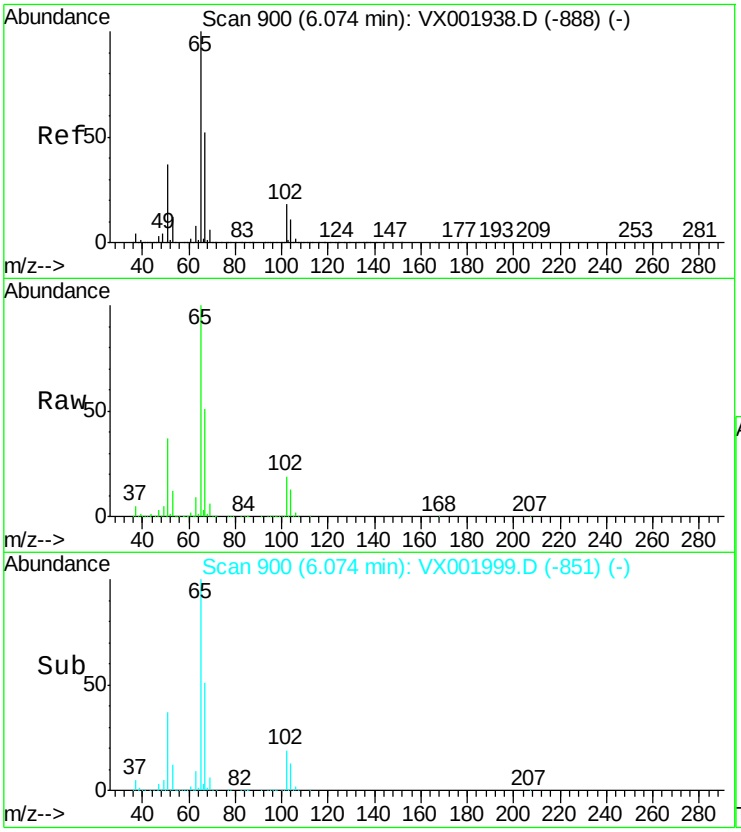


#31
Cyclohexane
Concen: 0.84 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Tgt Ion: 56 Resp: 5444

Ion	Ratio	Lower	Upper
56	100		
69	179.2	23.1	34.7#
84	126.0	62.0	93.0#



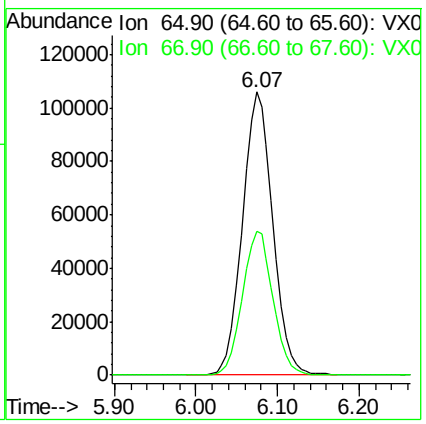


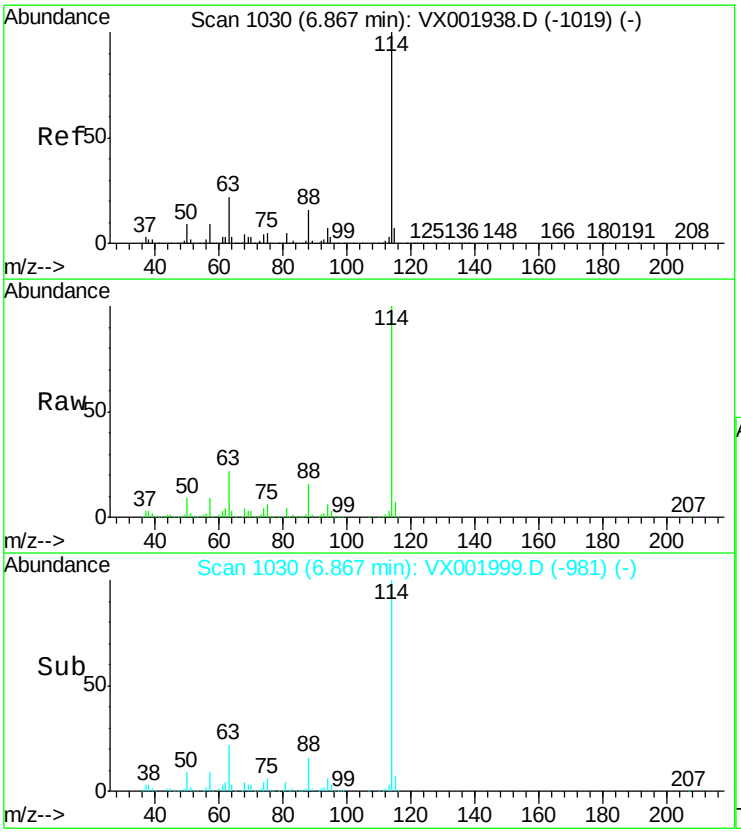
#33
1,2-Dichloroethane-d4
Concen: 58.04 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Instrument : MSVOA_X
ClientSampleId : PB109661ZHE#07

Tgt Ion: 65 Resp: 273562

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.0

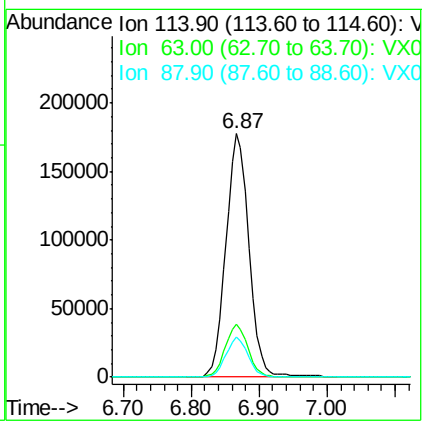


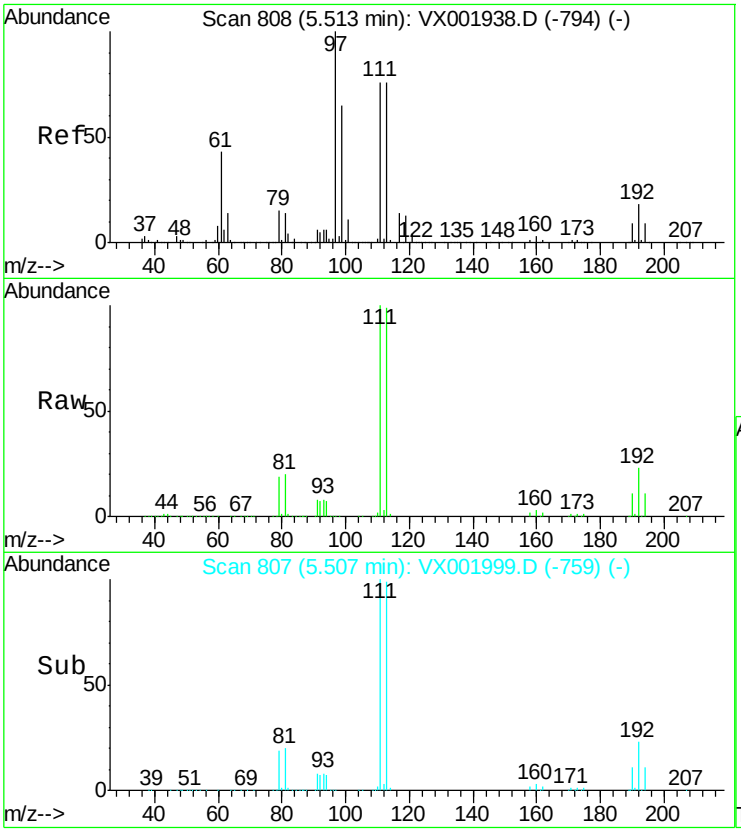


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Tgt Ion:114 Resp: 416607

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.2
88	16.4	0.0	31.6



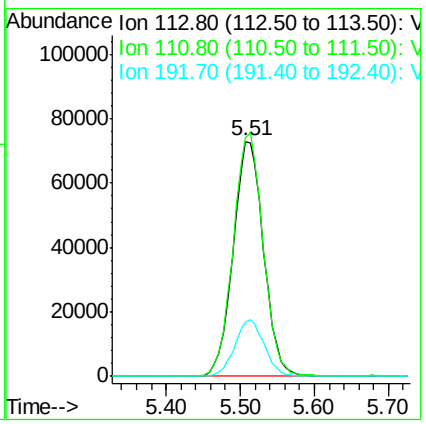


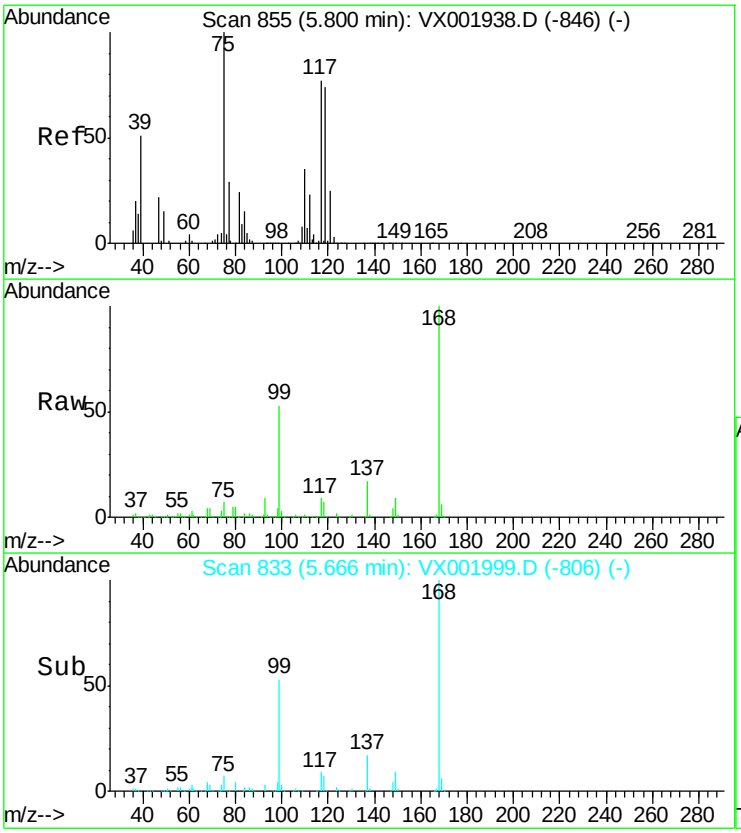
#35
Dibromofluoromethane
Concen: 50.03 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#07

Tgt Ion:113 Resp: 208414

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.0	123.0
192	23.5	18.9	28.3

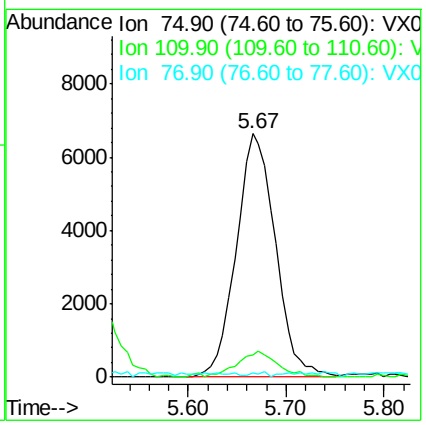


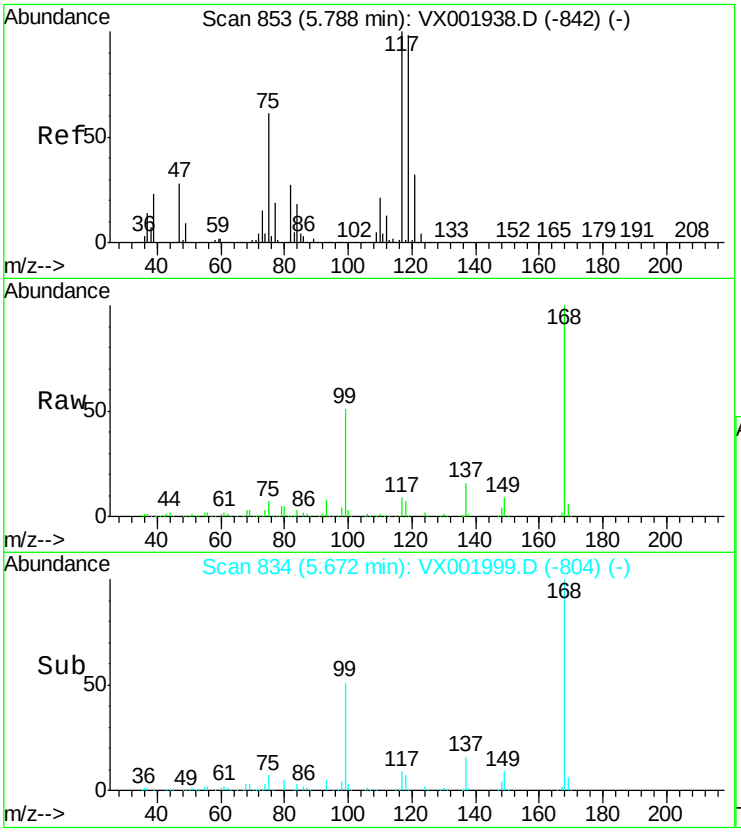


#36
1,1-Dichloropropene
Concen: 3.18 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Tgt Ion: 75 Resp: 18433

Ion	Ratio	Lower	Upper
75	100		
110	11.0	17.4	52.2#
77	0.7	24.4	36.6#



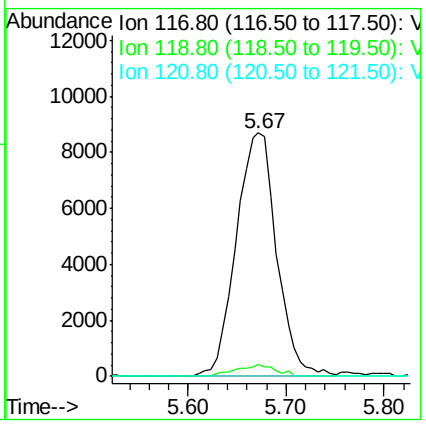


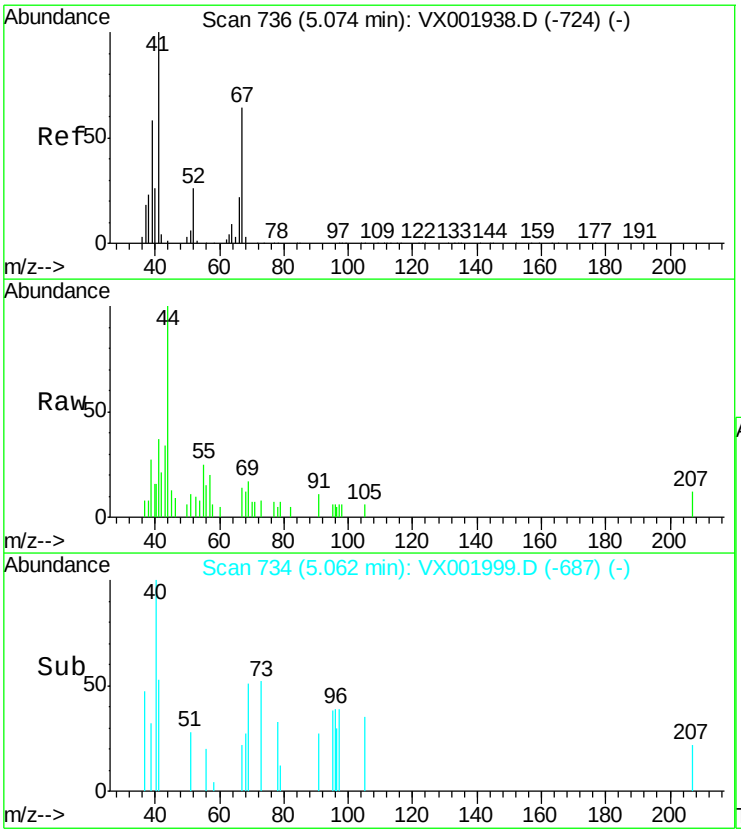
#38
Carbon Tetrachloride
Concen: 3.69 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#07

Tgt Ion:117 Resp: 24935

Ion	Ratio	Lower	Upper
117	100		
119	4.9	78.5	117.7#
121	0.0	25.5	38.3#

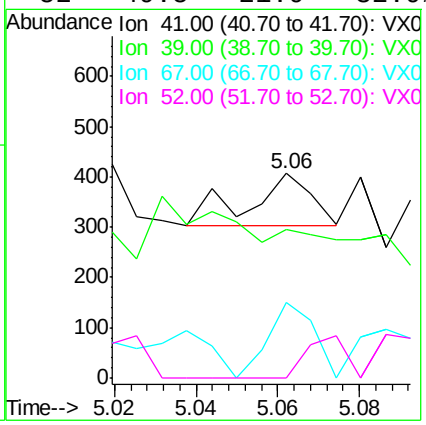


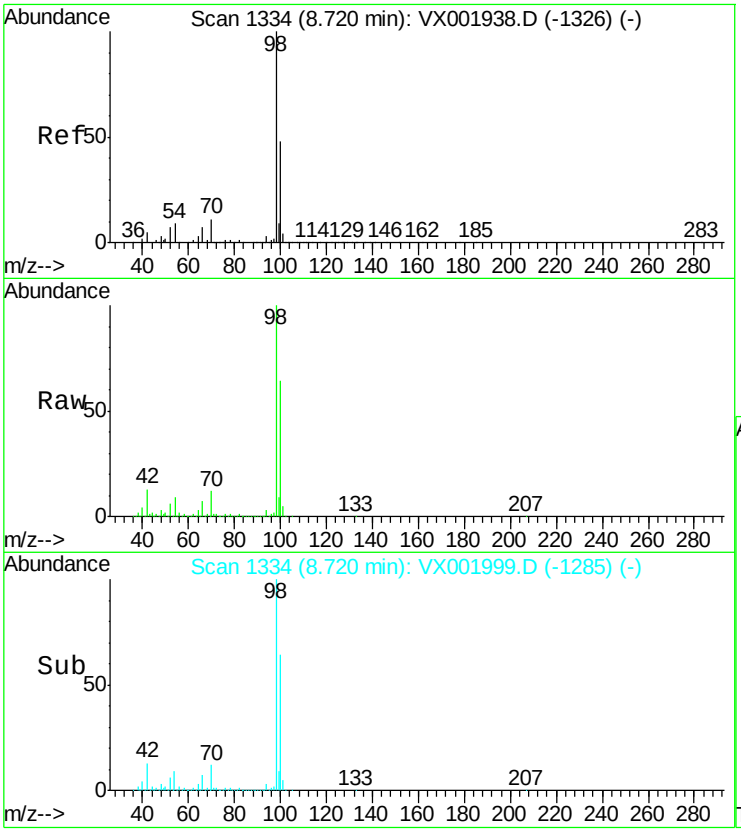


#41
Methacrylonitrile
Concen: Below Cal
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Tgt Ion: 41 Resp: 111

Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.0	69.0#
67	105.4	50.6	75.8#
52	49.5	21.9	32.9#



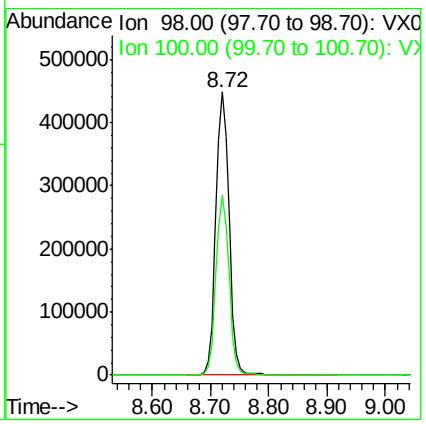


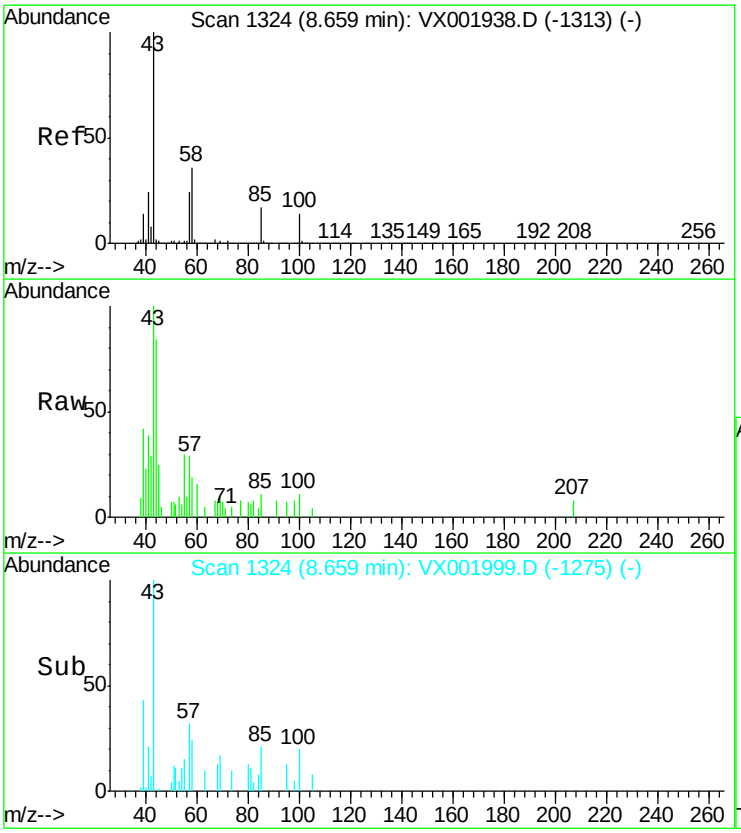
#50
Toluene-d8
Concen: 46.29 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#07

Tgt Ion: 98 Resp: 698215

Ion	Ratio	Lower	Upper
98	100		
100	62.7	51.5	77.3

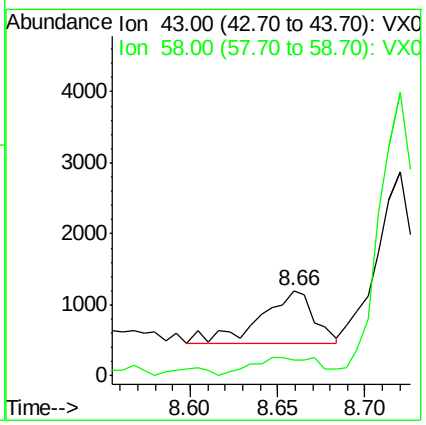


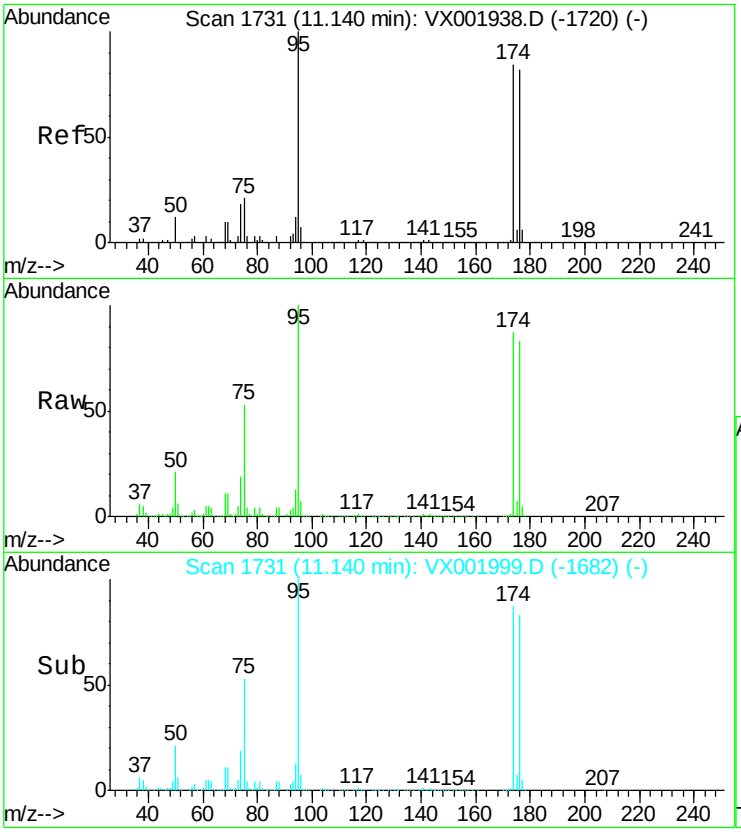


#51
4-Methyl-2-Pentanone
Concen: 0.21 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Tgt Ion: 43 Resp: 1577

Ion	Ratio	Lower	Upper
43	100		
58	44.7	28.5	42.7#



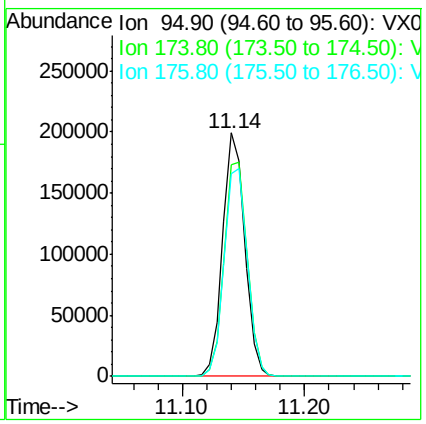


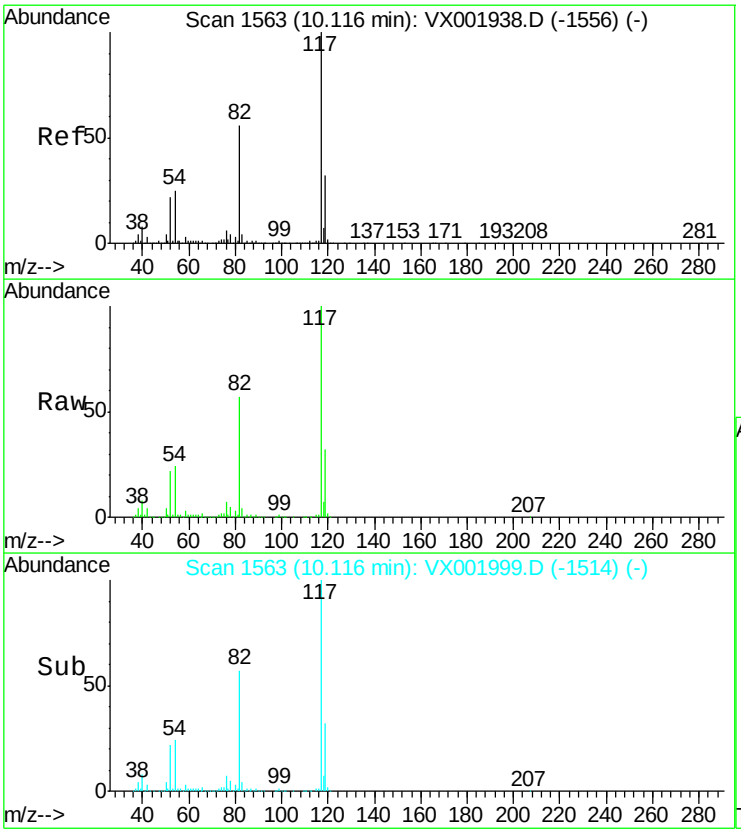
#62
4-Bromofluorobenzene
Concen: 42.43 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Instrument : MSVOA_X
ClientSampleId : PB109661ZHE#07

Tgt Ion: 95 Resp: 250388

Ion	Ratio	Lower	Upper
95	100		
174	91.7	0.0	178.8
176	89.4	0.0	175.6

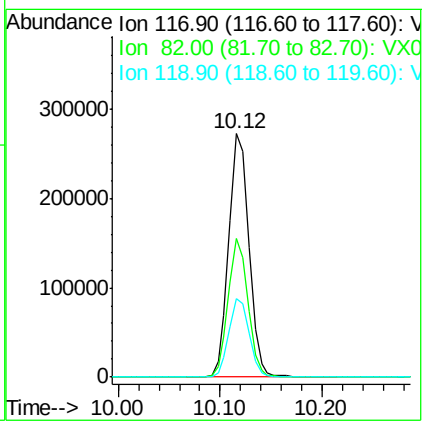


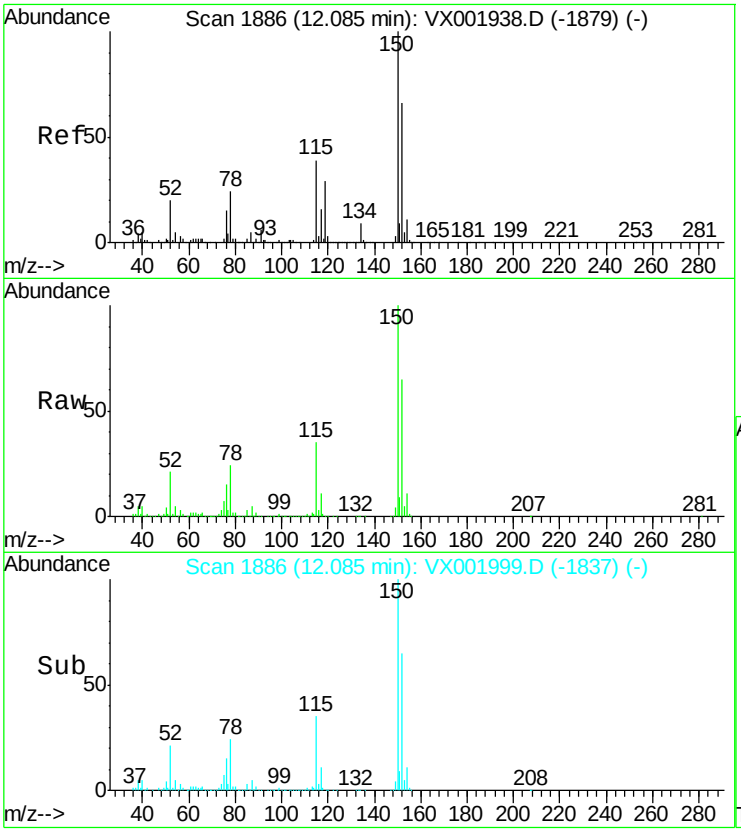


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Tgt Ion:117 Resp: 372179

Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.8	67.2
119	32.0	25.5	38.3



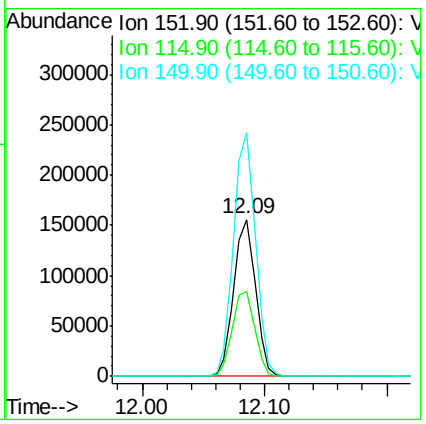


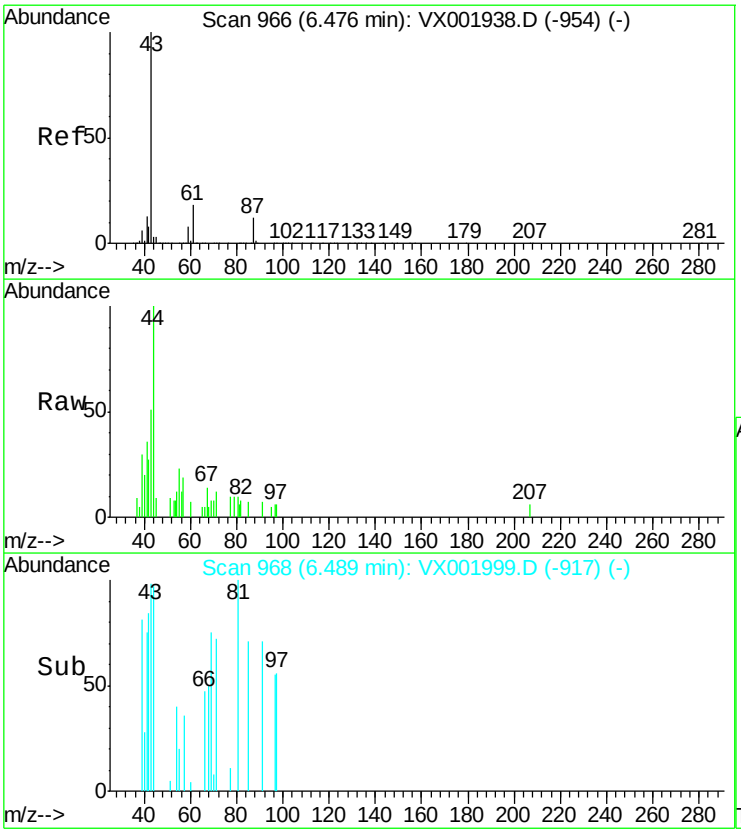
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#07

Tgt Ion:152 Resp: 191628

Ion	Ratio	Lower	Upper
152	100		
115	55.8	42.3	126.8
150	156.2	0.0	351.0

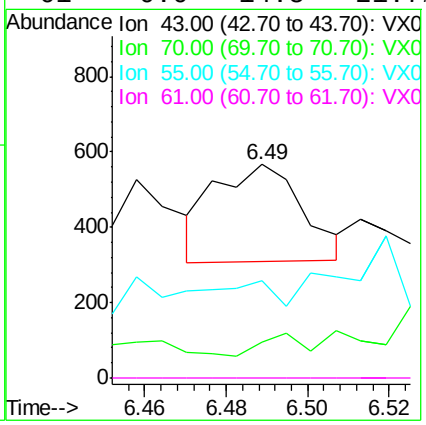


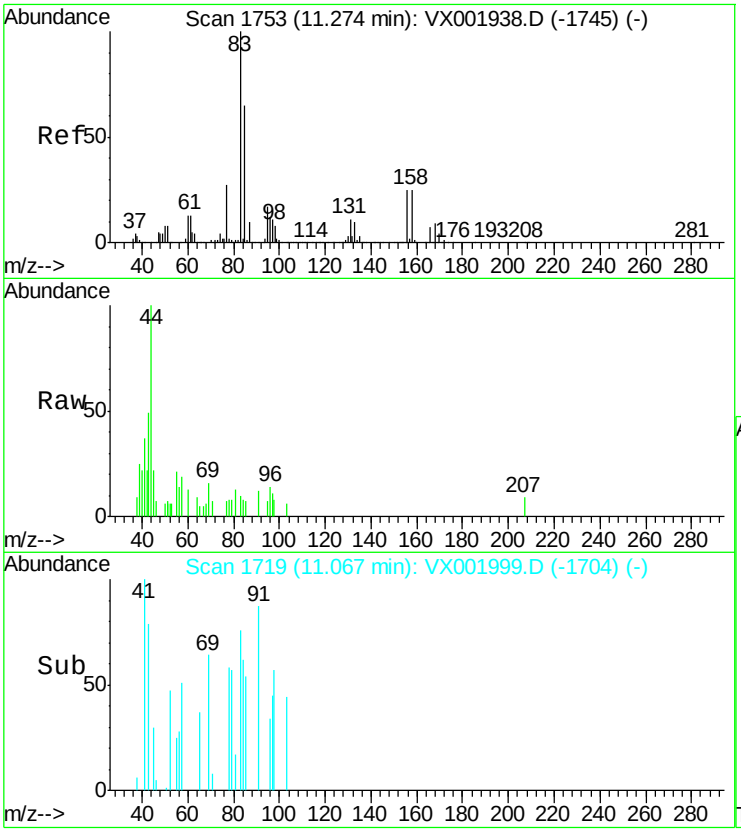


#74
N-amyl acetate
Concen: Below Cal
RT: 6.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Tgt Ion: 43 Resp: 386

Ion	Ratio	Lower	Upper
43	100		
70	10.6	0.1	0.1#
55	23.3	0.1	0.1#
61	0.0	14.5	21.7#



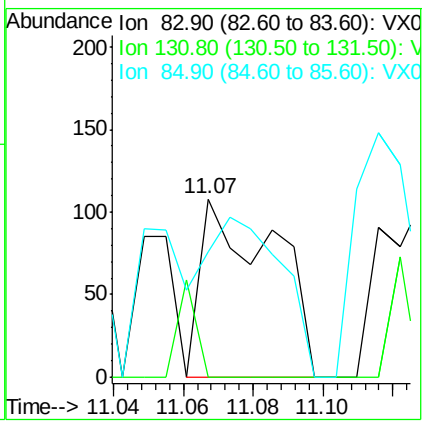


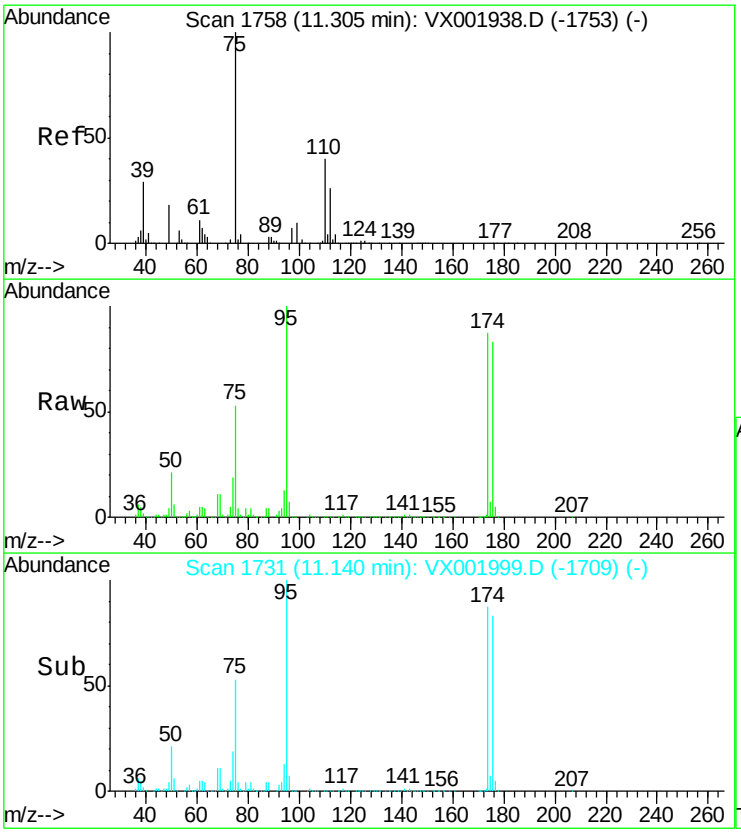
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.07 min Scan# 1719
Delta R.T. -0.21 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#07

Tgt Ion: 83 Resp: 154

Ion	Ratio	Lower	Upper
83	100		
131	14.3	5.7	17.0
85	94.8	32.6	97.7

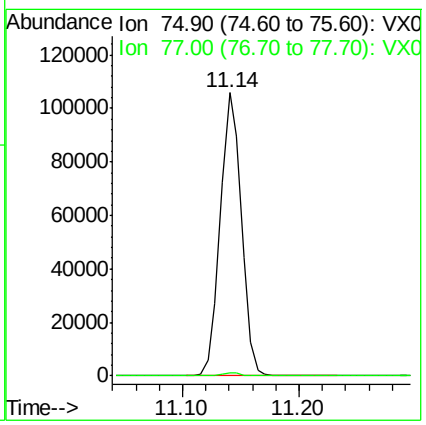


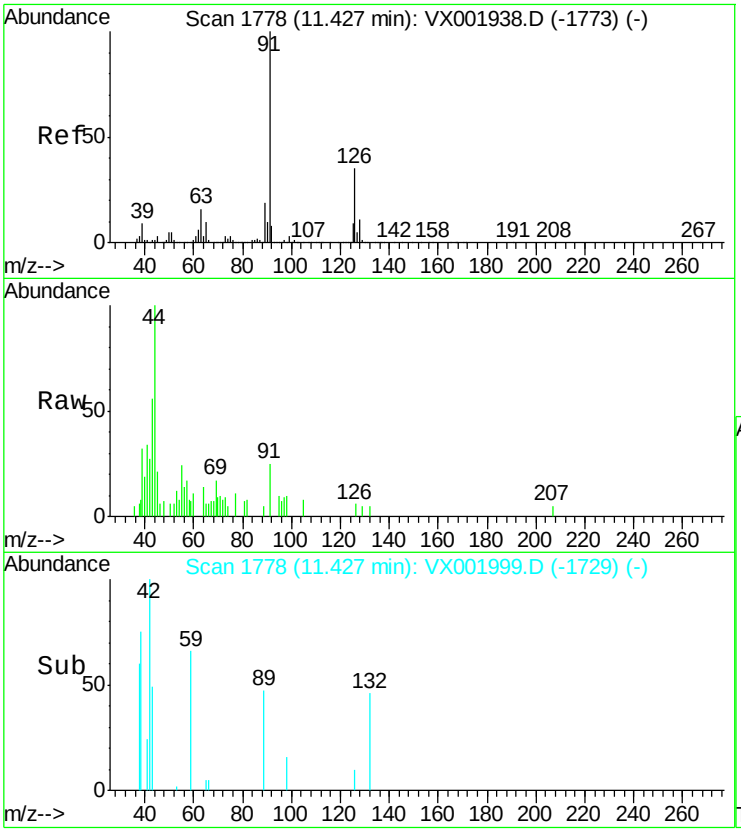


#76
1,2,3-Trichloropropane
Concen: 28.89 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Tgt Ion: 75 Resp: 132984

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#



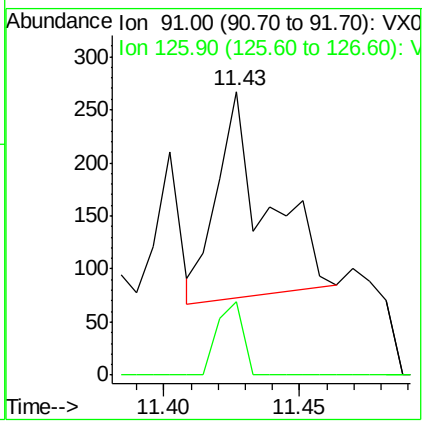


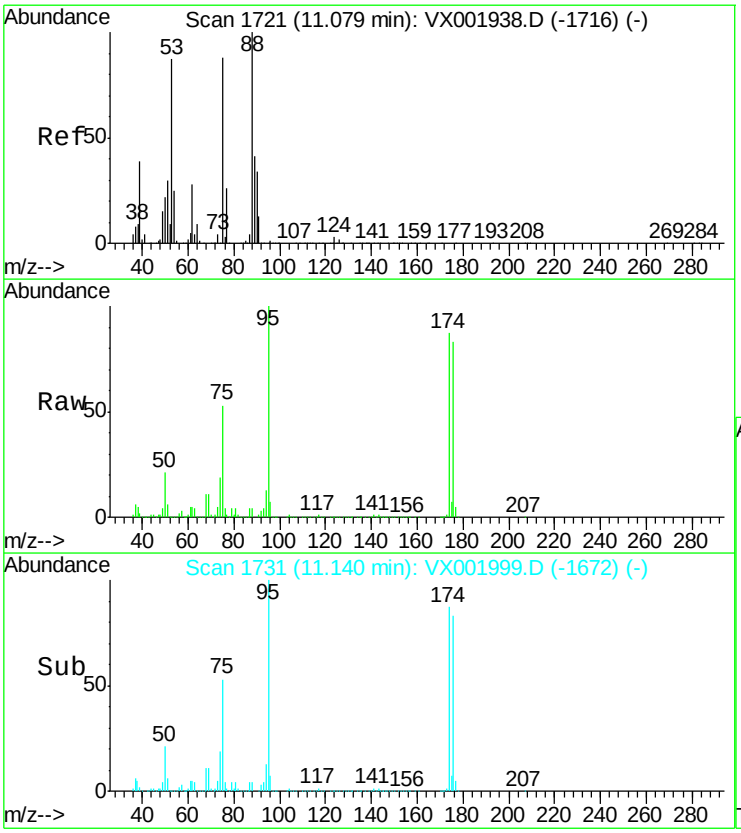
#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Instrument : MSVOA_X
ClientSampleId : PB109661ZHE#07

Tgt Ion: 91 Resp: 245

Ion	Ratio	Lower	Upper
91	100		
126	18.4	17.4	52.2

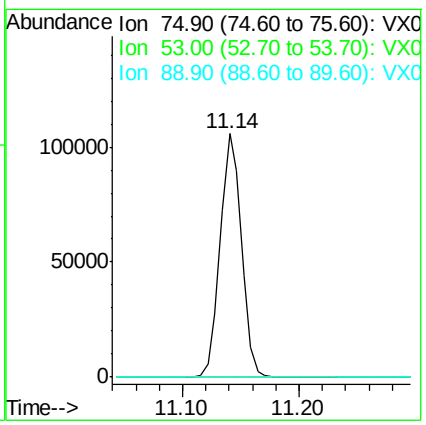


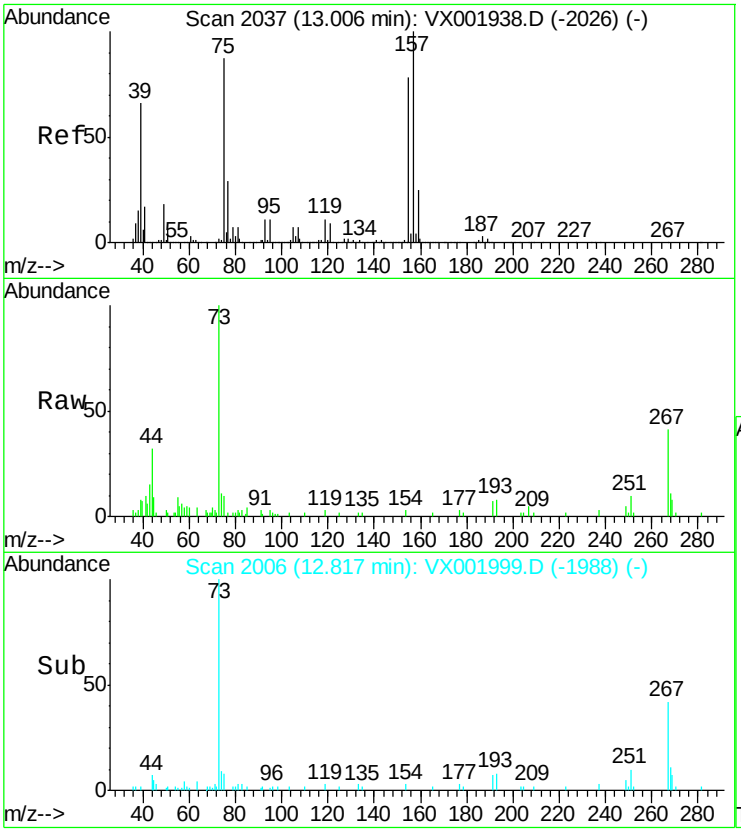


#81
trans-1,4-Dichloro-2-butene
Concen: 69.44 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Tgt Ion: 75 Resp: 132984

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





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.27 ug/l
RT: 12.82 min Scan# 2006
Delta R.T. -0.19 min
Lab File: VX001999.D
Acq: 26 May 2018 01:56

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#07

Tgt Ion: 75 Resp: 387

Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.1	135.2#
157	0.0	58.1	174.2#