Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Data File : VX002010.D
Acq On : 26 May 2018 06:48
Operator : JC/MD
Sample : J3065-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 27 23:18:44 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	277396	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	427142	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	396936	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216643	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	264353	53.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.62%				
35) Dibromofluoromethane	5.51	113	204536	47.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.76%				
50) Toluene-d8	8.72	98	736655	47.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.28%				
62) 4-Bromofluorobenzene	11.14	95	271392	44.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	59	Below Cal		#	41
3) Chloromethane	1.32	50	1047	0.25	ug/l		96
5) Bromomethane	1.67	94	919	Below Cal		#	68
11) Tert butyl alcohol	3.08	59	358633	368.47	ug/l		99
16) Acetone	2.45	43	12527	6.55	ug/l		94
18) Methyl Acetate	2.79	43	954	Below Cal		#	80
19) Methyl tert-butyl Ether	3.21	73	17558	1.44	ug/l		100
20) Methylene Chloride	2.87	84	722	Below Cal		#	76
21) trans-1,2-Dichloroethene	3.16	96	153	Below Cal		#	21
28) Bromochloromethane	4.96	49	41	Below Cal		#	14
31) Cyclohexane	5.57	56	2224	0.33	ug/l	#	77
36) 1,1-Dichloropropene	5.67	75	19295	3.25	ug/l	#	52
38) Carbon Tetrachloride	5.67	117	25394	3.67	ug/l	#	14
39) Methylcyclohexane	7.46	83	1462	0.20	ug/l	#	59
41) Methacrylonitrile	5.07	41	201	Below Cal		#	15
73) Isopropylbenzene	11.02	105	22101	1.20	ug/l		98
74) N-amyl acetate	6.54	43	110	Below Cal		#	59
75) 1,1,2,2-Tetrachloroethane	11.29	83	135	Below Cal		#	1
76) 1,2,3-Trichloropropane	11.14	75	140155	26.93	ug/l	#	33
78) n-propylbenzene	11.37	91	9082	0.44	ug/l		99
79) 2-Chlorotoluene	11.51	91	315	Below Cal			86
81) trans-1,4-Dichloro-2-buten	11.14	75	140155	64.73	ug/l	#	10
83) tert-Butylbenzene	11.77	119	5689	0.37	ug/l		94
85) sec-Butylbenzene	11.95	105	17973	0.97	ug/l		93
86) p-Isopropyltoluene	12.24	119	7960	0.48	ug/l		97
90) Hexachloroethane	12.71	117	38449	11.78	ug/l	#	2
92) 1,2-Dibromo-3-Chloropropan	12.99	75	412	0.25	ug/l	#	7

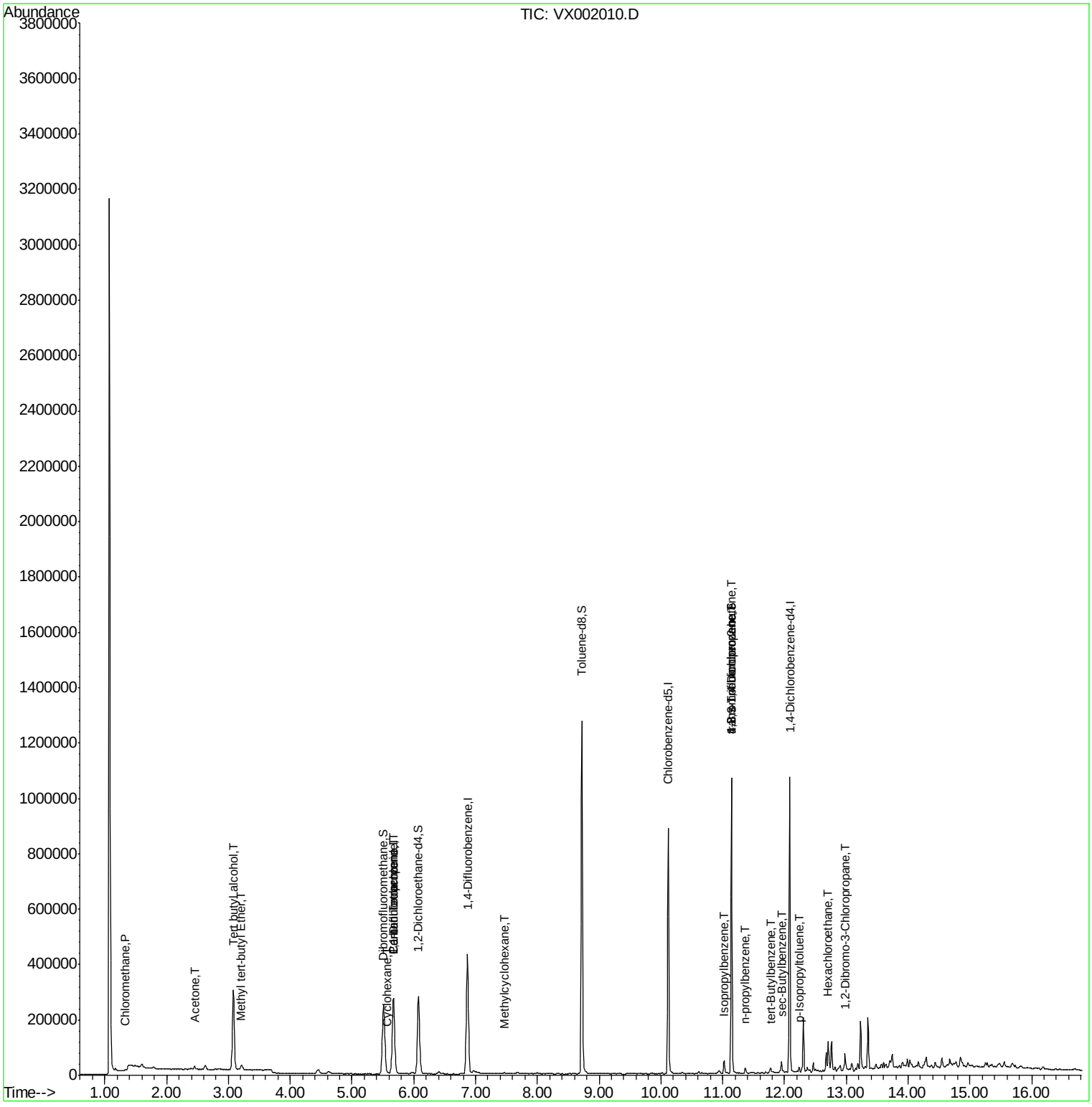
(#) = qualifier out of range (m) = manual integration (+) = signals summed

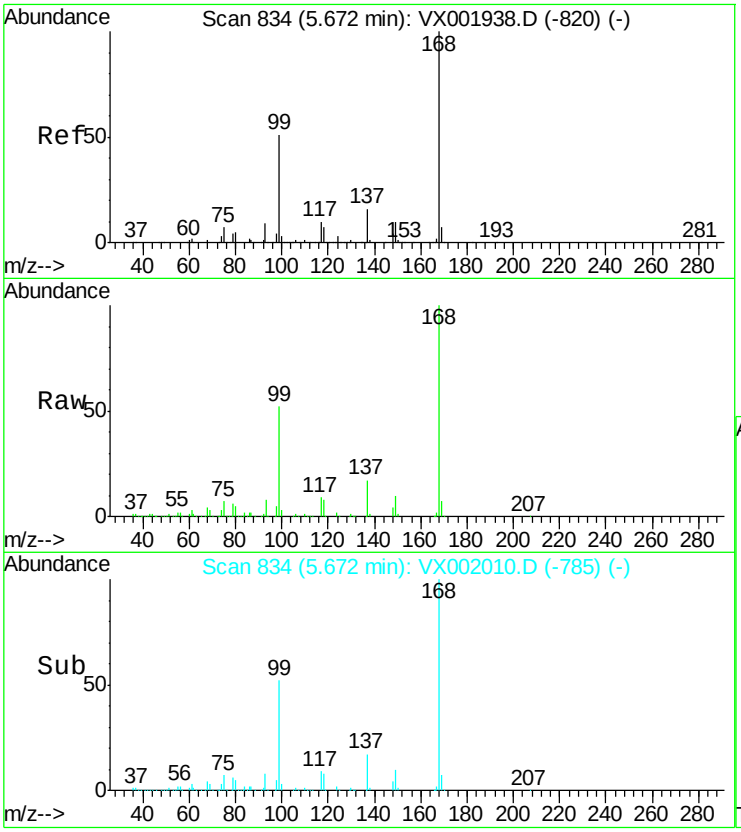
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Data File : VX002010.D
Acq On : 26 May 2018 06:48
Operator : JC/MD
Sample : J3065-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 27 23:18:44 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



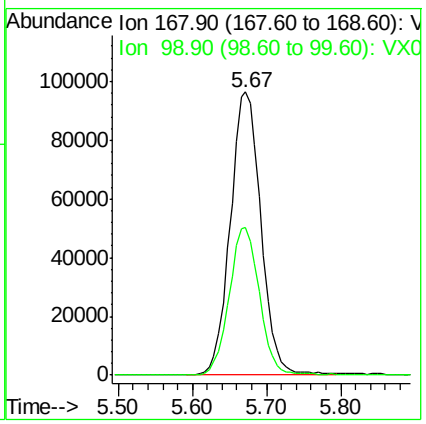


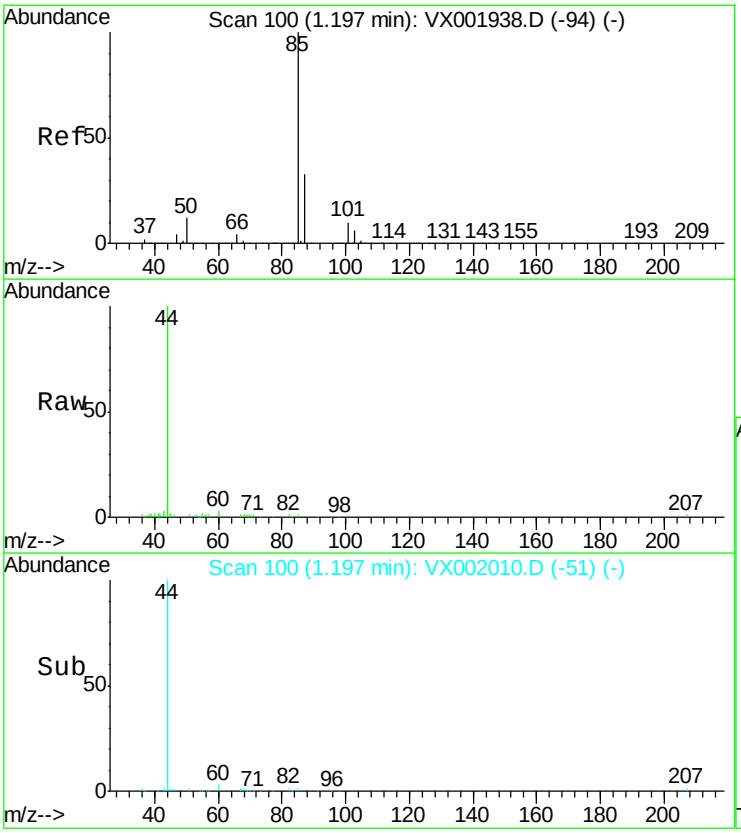
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 277396

Ion	Ratio	Lower	Upper
168	100		
99	52.2	41.0	61.4

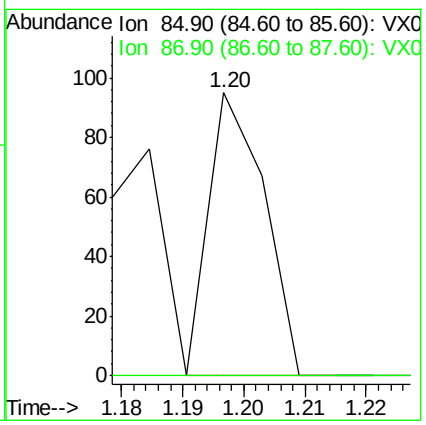


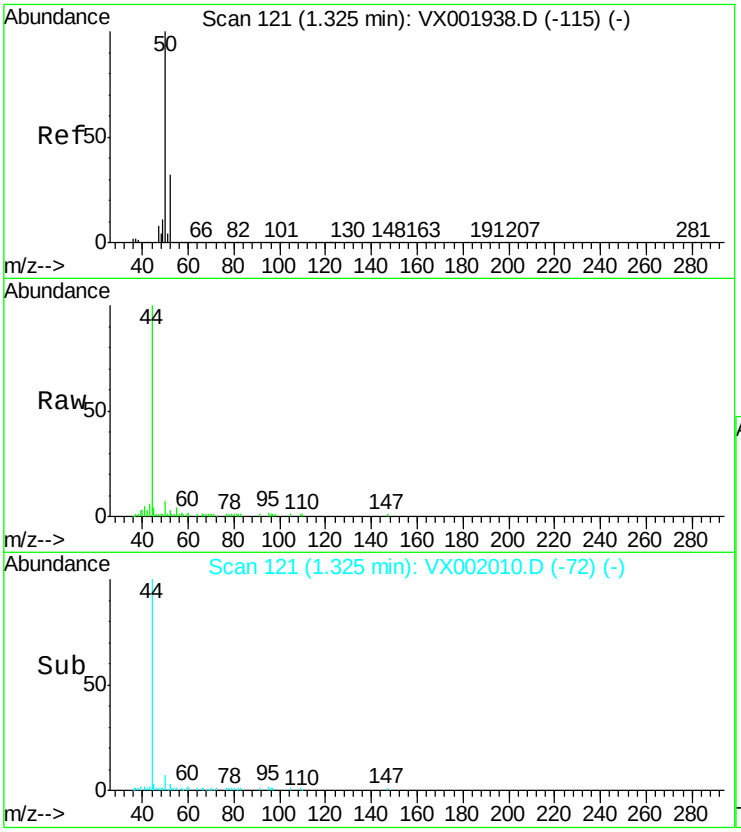


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Tgt Ion: 85 Resp: 59

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



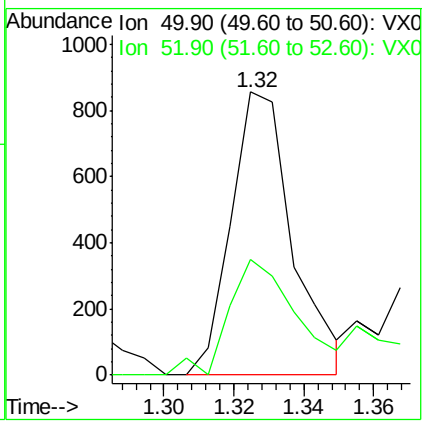


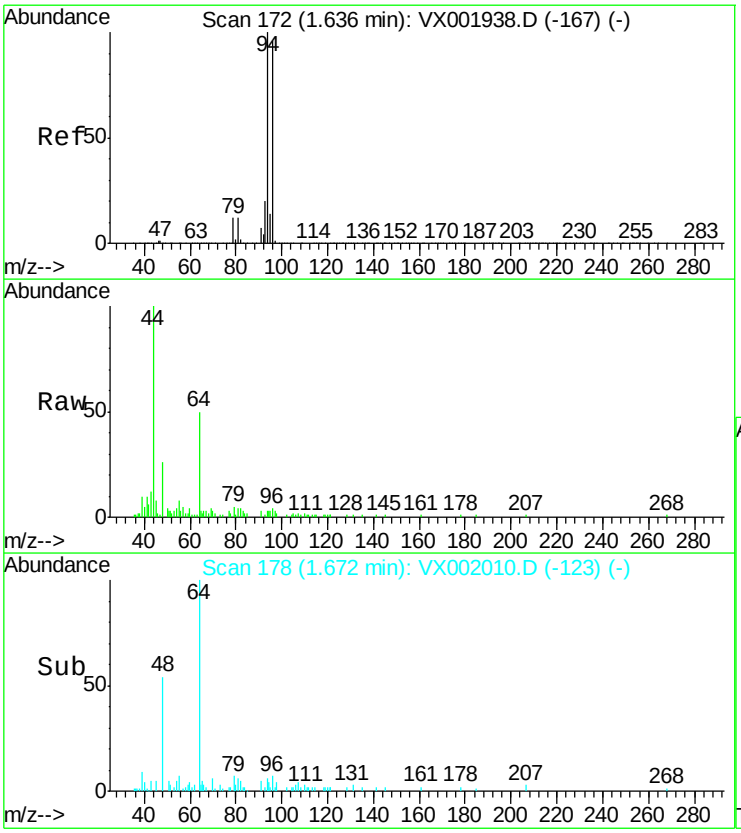
#3
Chloromethane
Concen: 0.25 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 1047

Ion	Ratio	Lower	Upper
50	100		
52	34.8	26.0	39.0

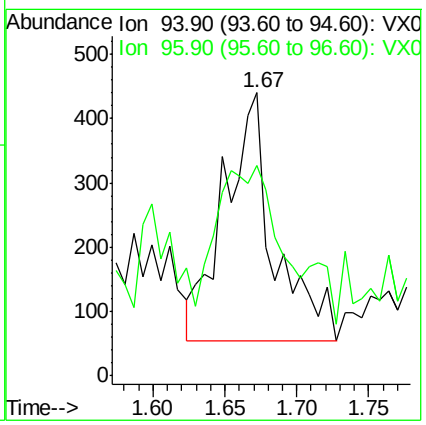


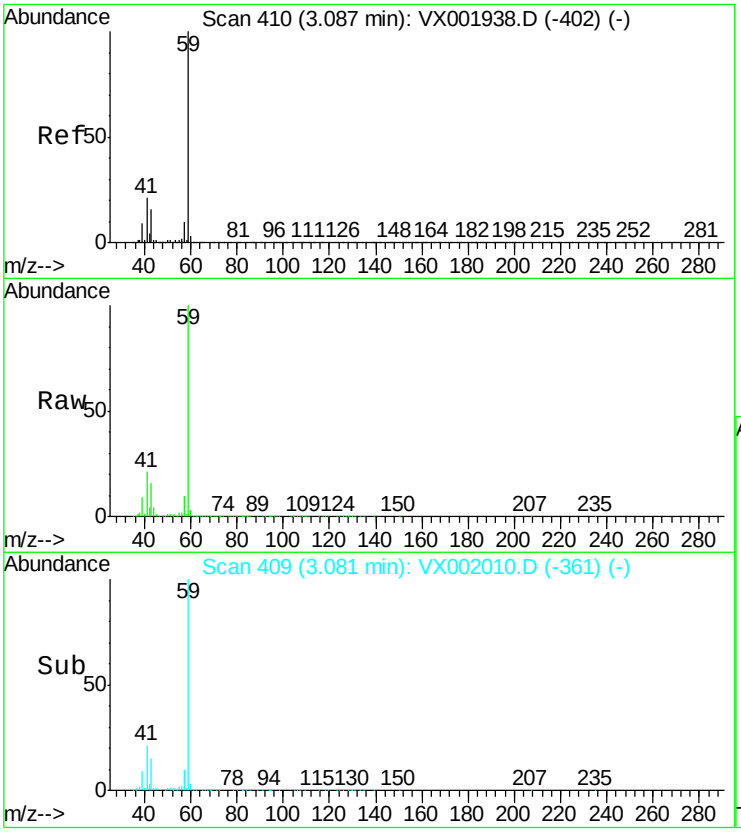


#5
Bromomethane
Concen: Below Cal
RT: 1.67 min Scan# 178
Delta R.T. 0.04 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Tgt Ion: 94 Resp: 919

Ion	Ratio	Lower	Upper
94	100		
96	64.2	75.9	113.9#



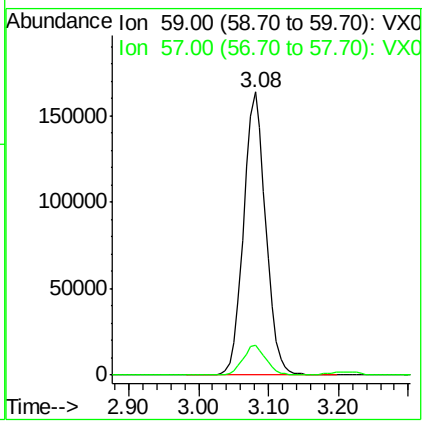


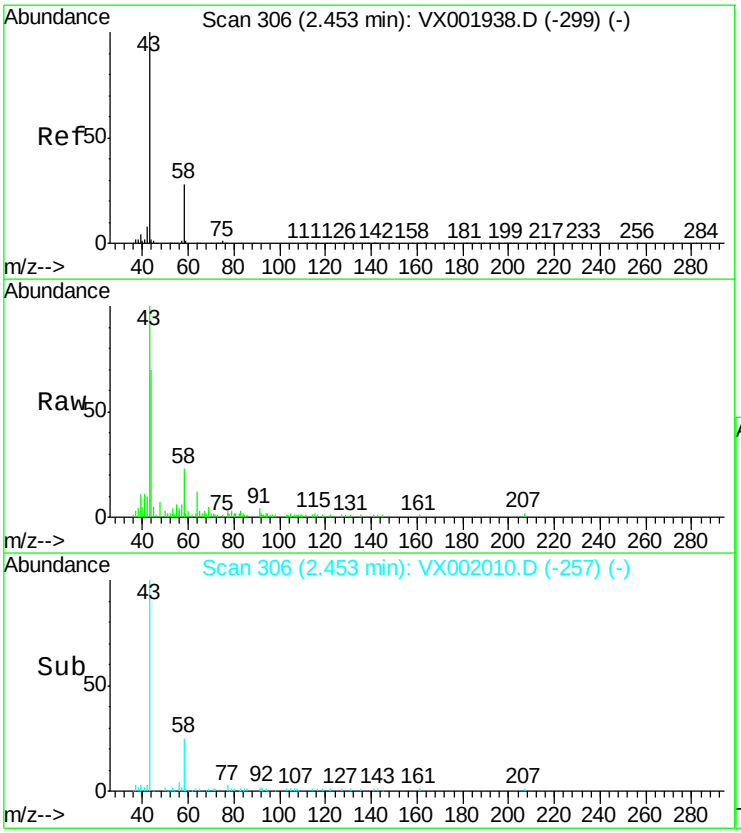
#11
Tert butyl alcohol
Concen: 368.47 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 358633

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.9	13.3

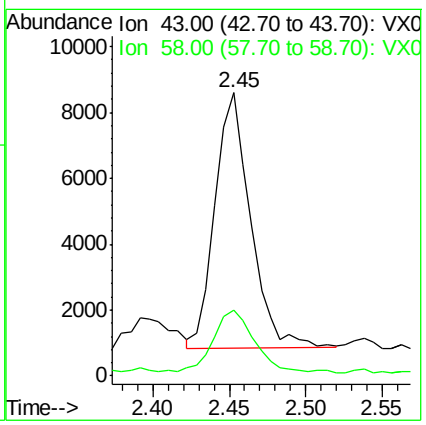


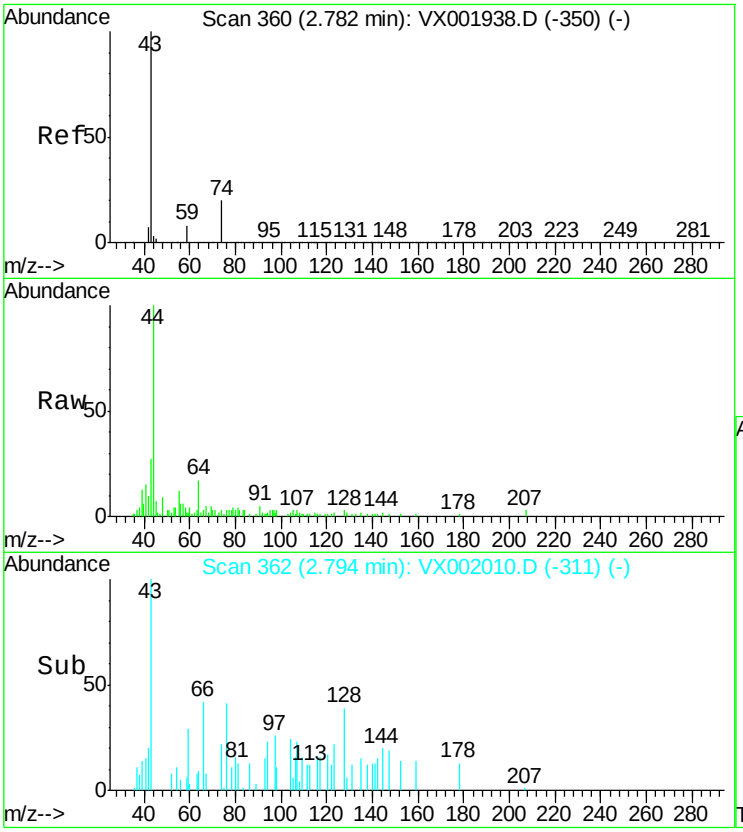


#16
Acetone
Concen: 6.55 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Tgt Ion: 43 Resp: 12527

Ion	Ratio	Lower	Upper
43	100		
58	24.7	22.3	33.5



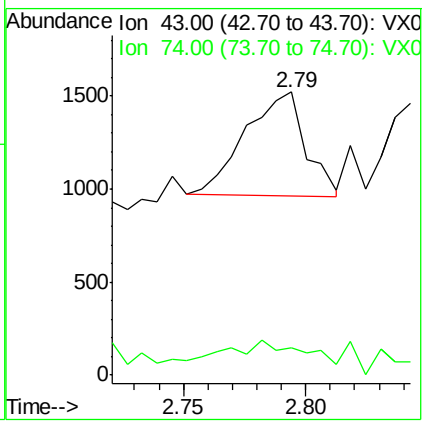


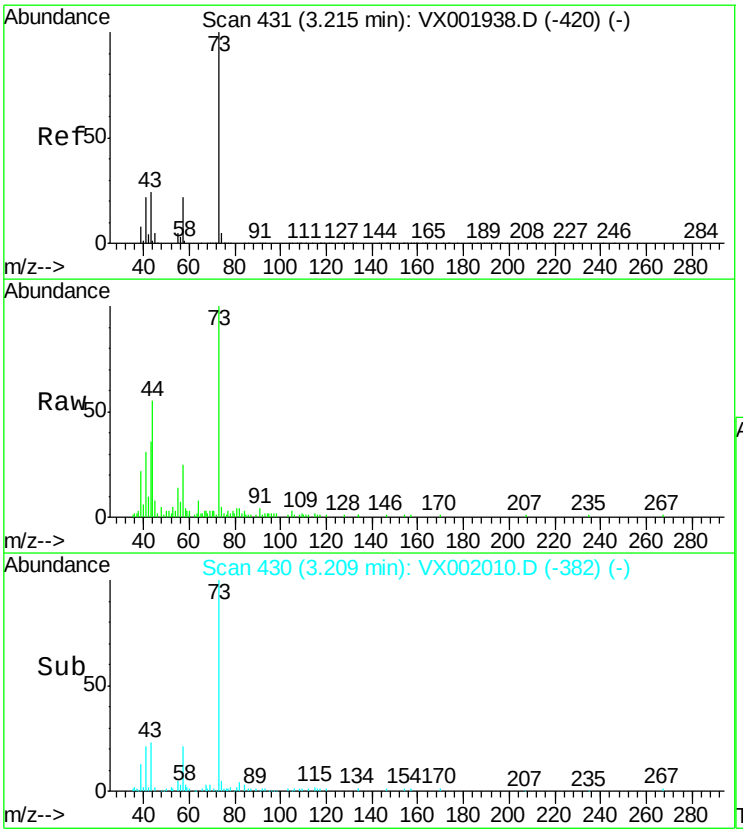
#18
Methyl Acetate
Concen: Below Cal
RT: 2.79 min Scan# 362
Delta R.T. 0.01 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 954

Ion	Ratio	Lower	Upper
43	100		
74	30.4	16.8	25.2#

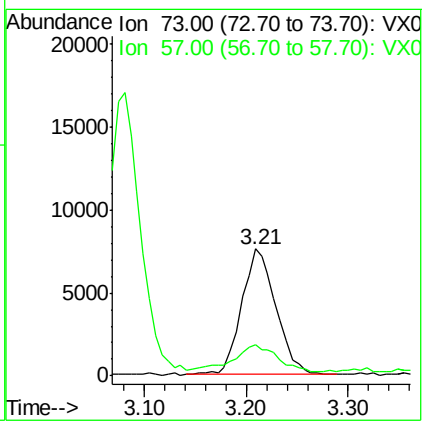


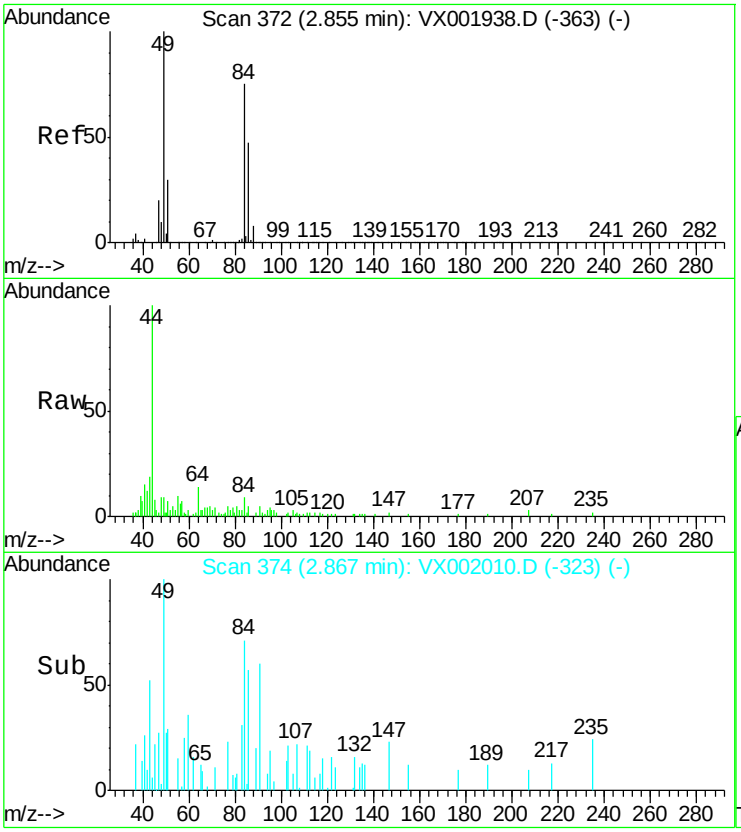


#19
Methyl tert-butyl Ether
Concen: 1.44 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Tgt Ion: 73 Resp: 17558

Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.4	26.0



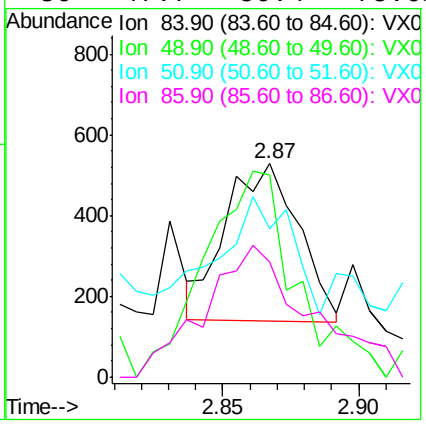


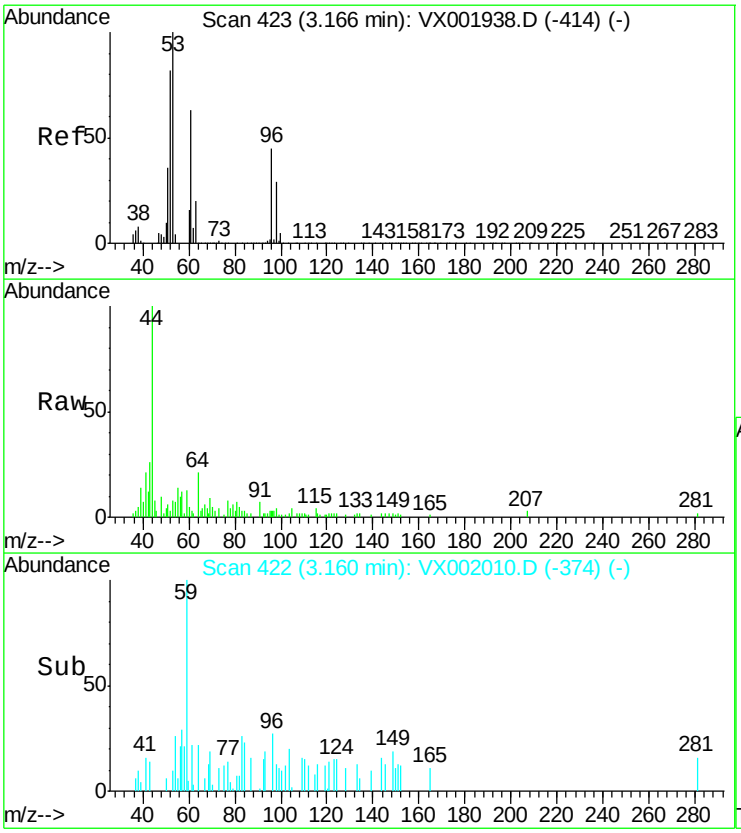
#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 722

Ion	Ratio	Lower	Upper
84	100		
49	101.3	107.2	160.8#
51	30.2	32.4	48.6#
86	47.7	50.4	75.6#

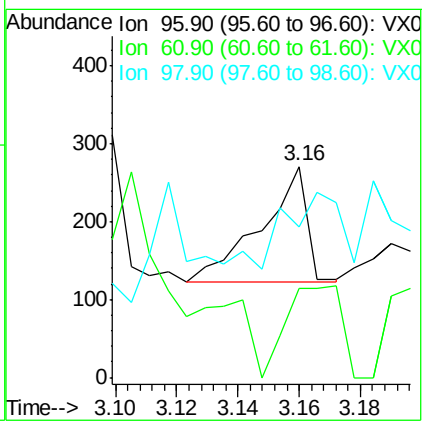


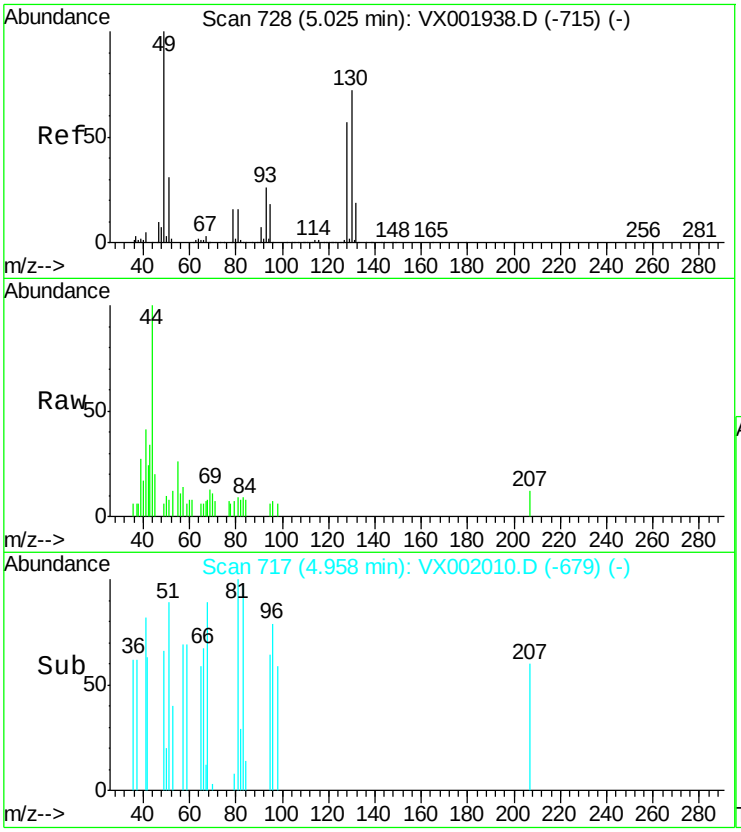


#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Tgt Ion: 96 Resp: 153

Ion	Ratio	Lower	Upper
96	100		
61	24.3	113.3	169.9#
98	30.4	51.7	77.5#



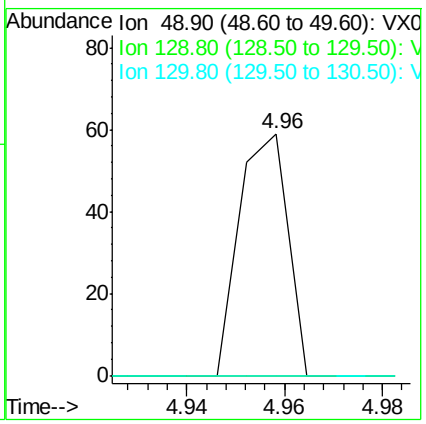


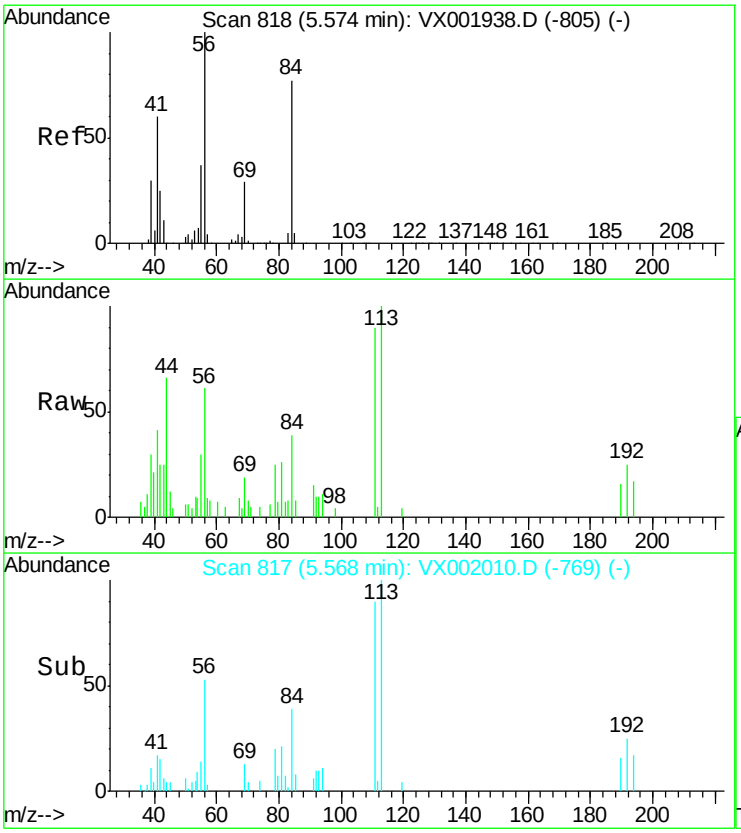
#28
Bromochloromethane
Concen: Below Cal
RT: 4.96 min Scan# 717
Delta R.T. -0.07 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 41

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

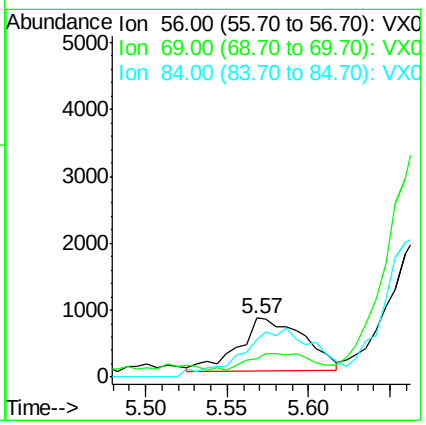


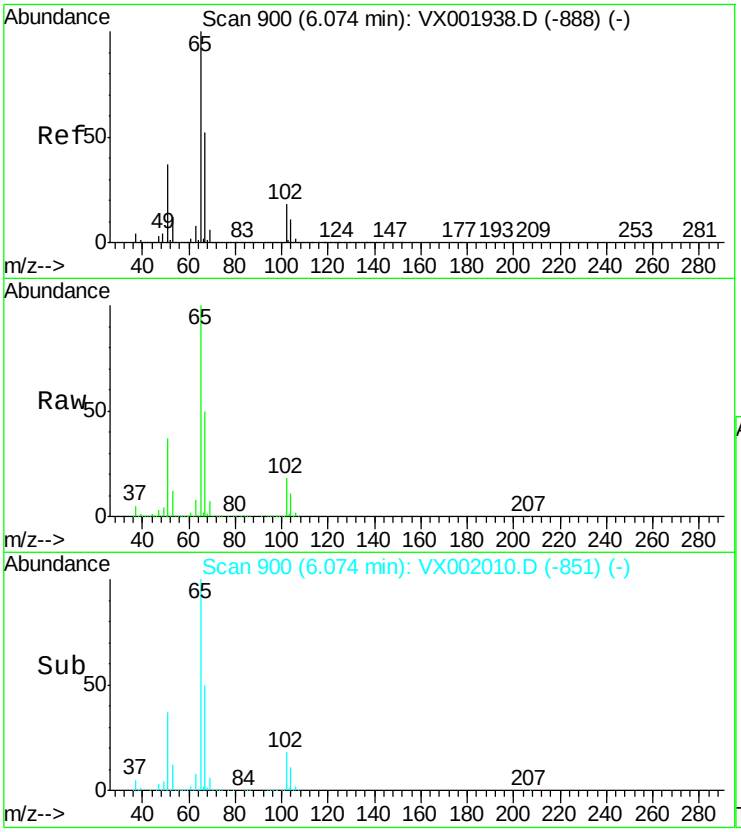


#31
Cyclohexane
Concen: 0.33 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Tgt Ion: 56 Resp: 2224

Ion	Ratio	Lower	Upper
56	100		
69	12.6	23.1	34.7#
84	60.4	62.0	93.0#



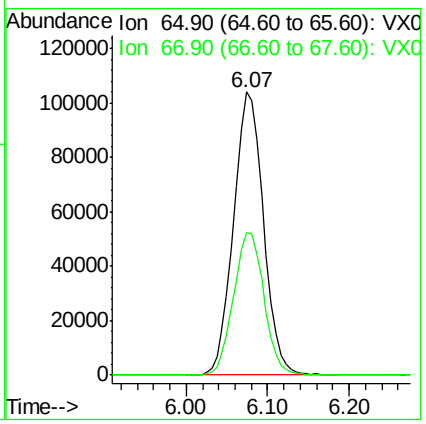


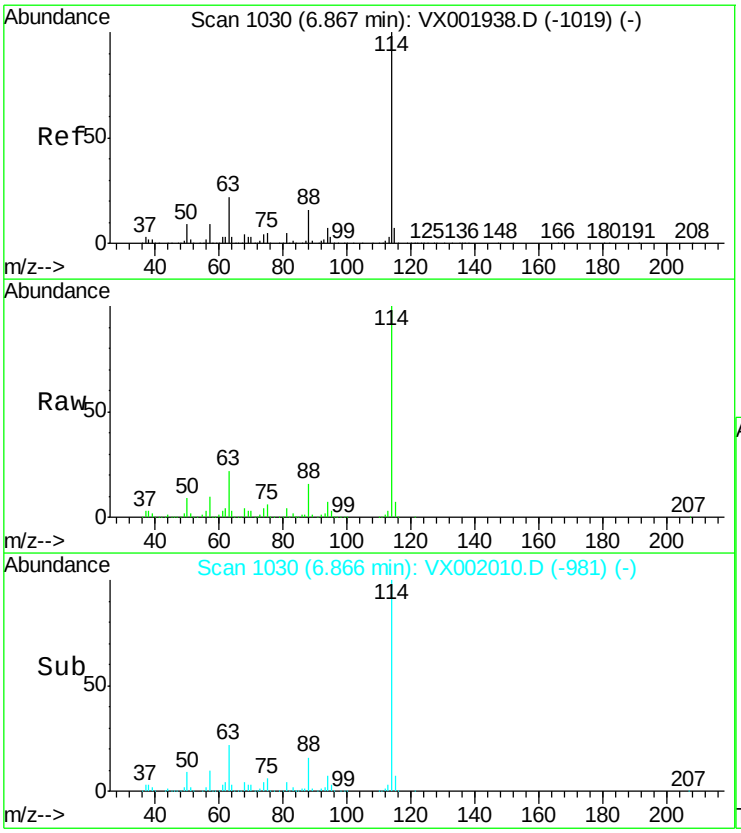
#33
1,2-Dichloroethane-d4
Concen: 53.31 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 264353

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.0

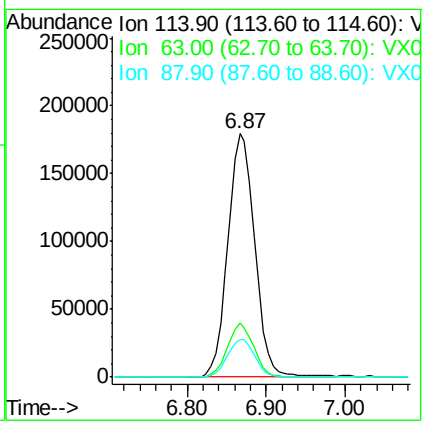


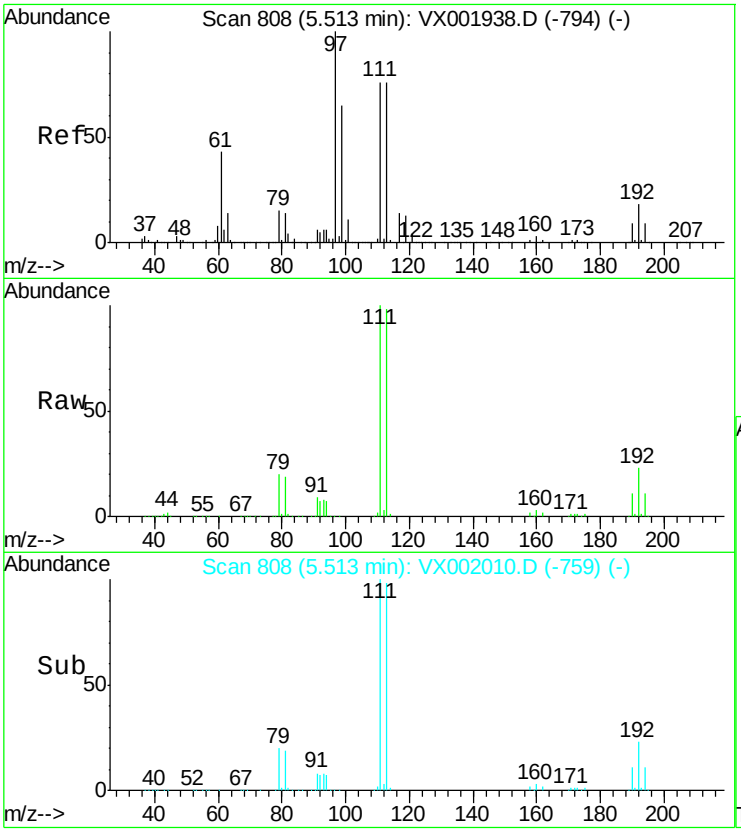


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Tgt Ion:114 Resp: 427142

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.2
88	15.5	0.0	31.6



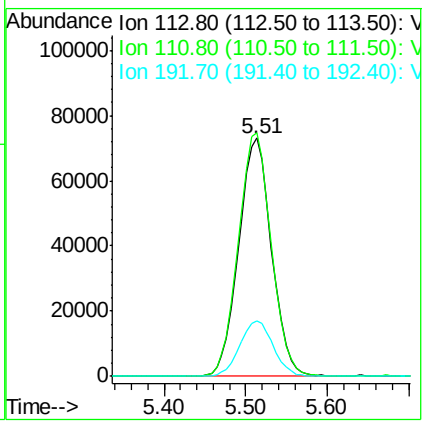


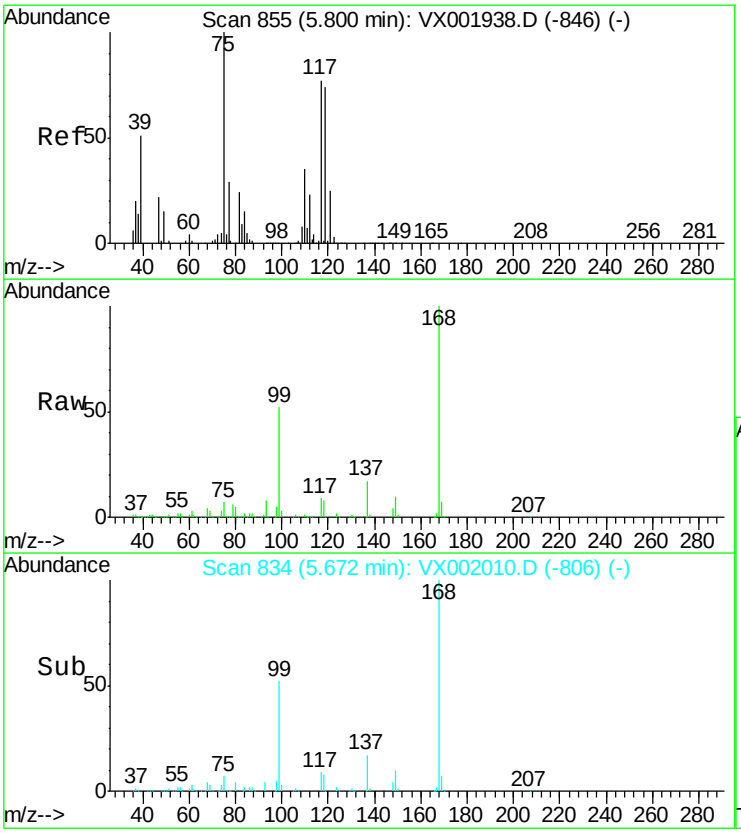
#35
Dibromofluoromethane
Concen: 47.88 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 204536

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

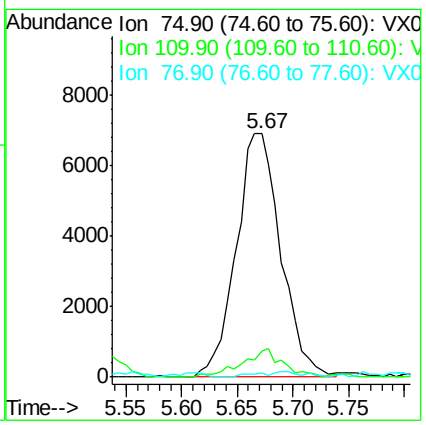


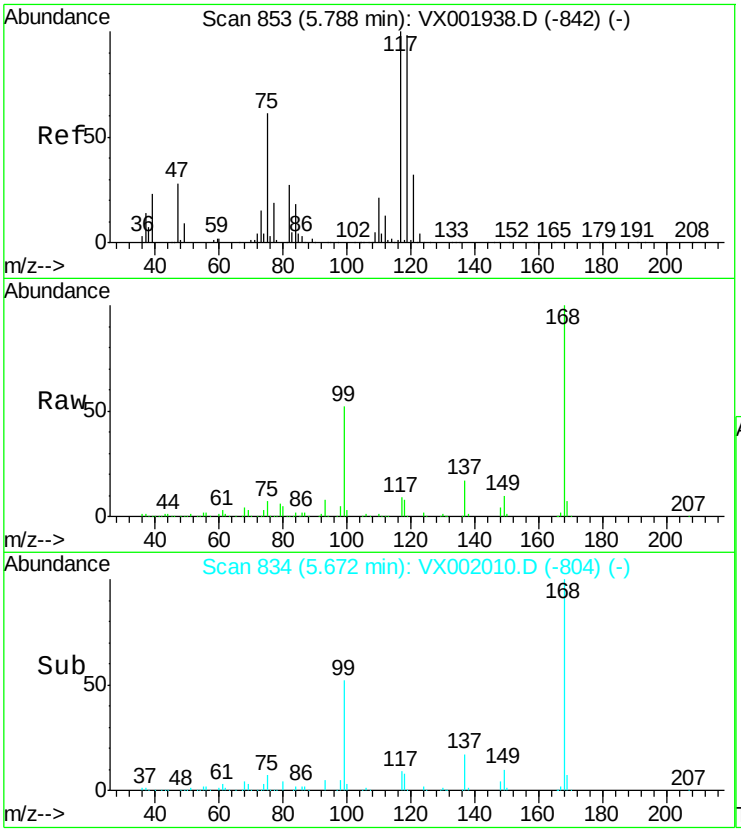


#36
1,1-Dichloropropene
Concen: 3.25 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Tgt Ion: 75 Resp: 19295

Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.4	52.2#
77	0.9	24.4	36.6#



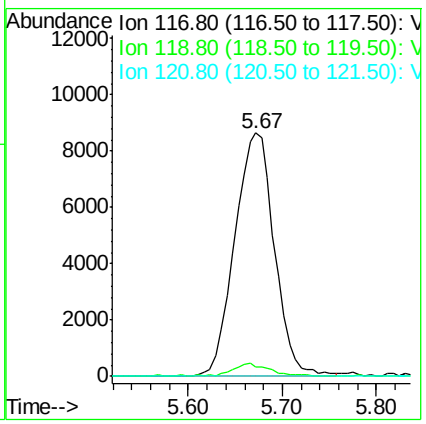


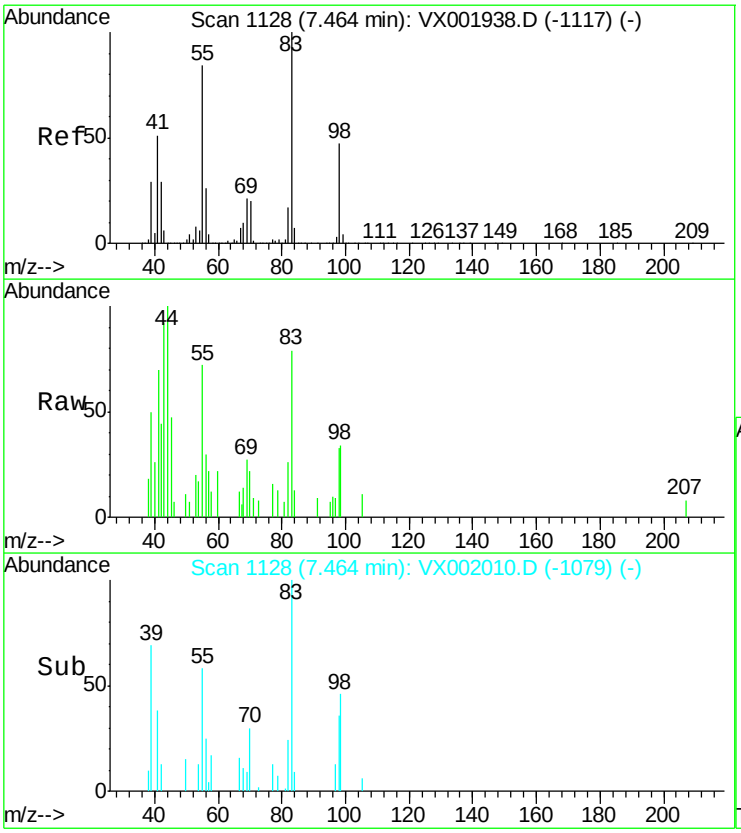
#38
Carbon Tetrachloride
Concen: 3.67 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 25394

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

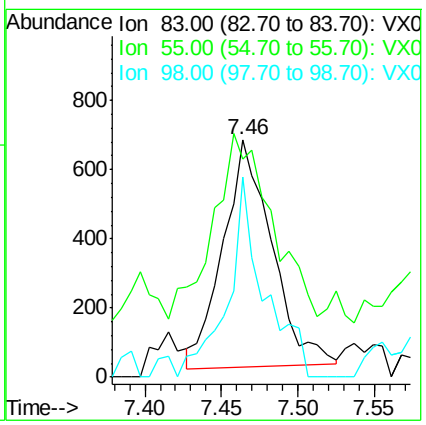


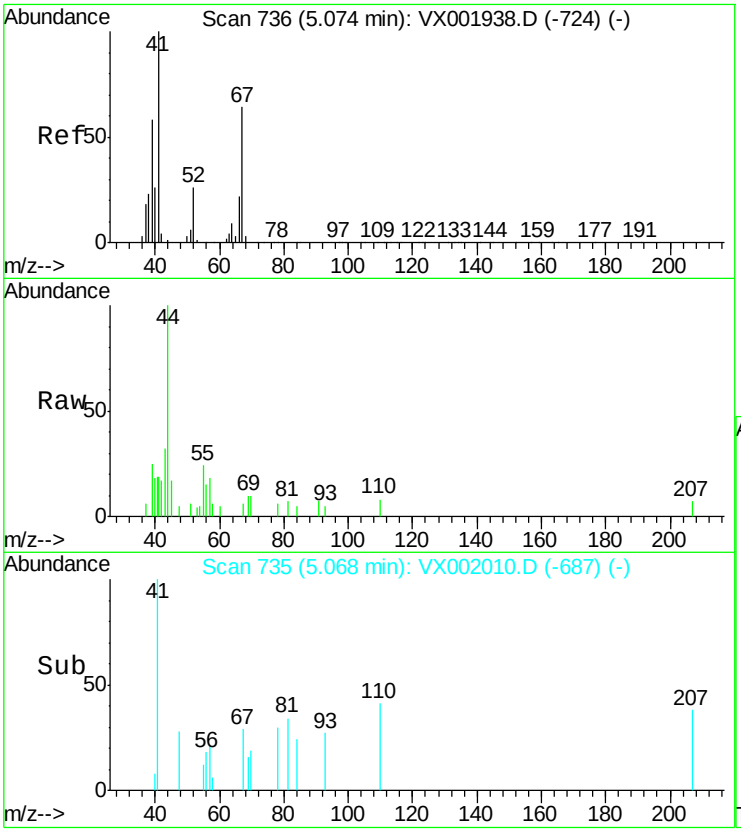


#39
Methylcyclohexane
Concen: 0.20 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Tgt Ion: 83 Resp: 1462

Ion	Ratio	Lower	Upper
83	100		
55	60.1	67.3	100.9#
98	91.2	37.5	56.3#



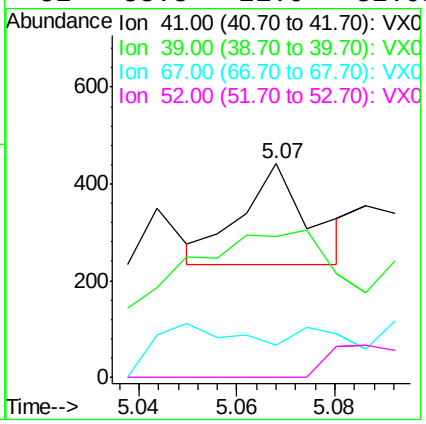


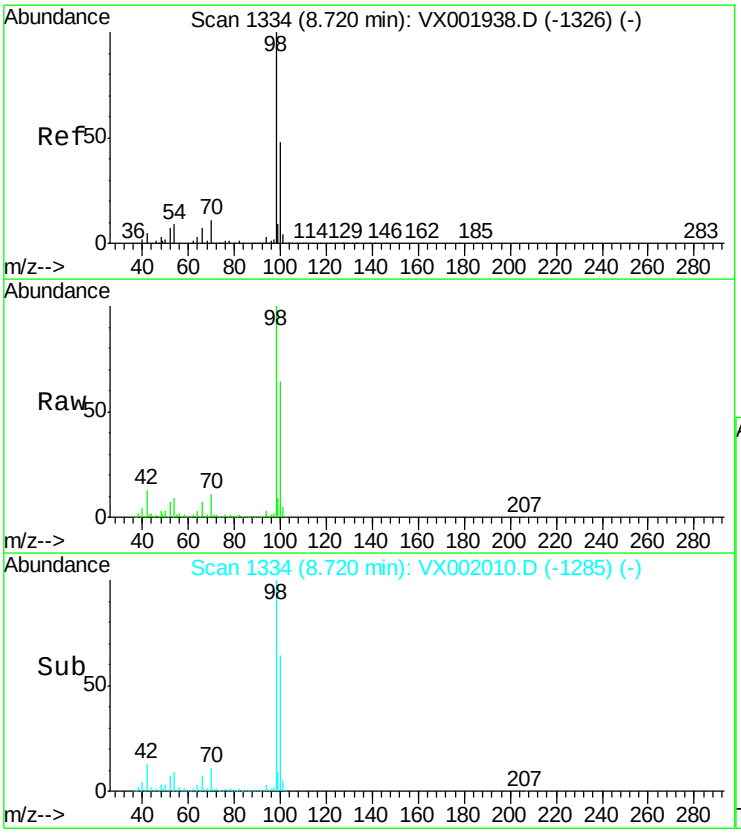
#41
Methacrylonitrile
Concen: Below Cal
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 201

Ion	Ratio	Lower	Upper
41	100		
39	149.3	46.0	69.0#
67	0.0	50.6	75.8#
52	33.3	21.9	32.9#

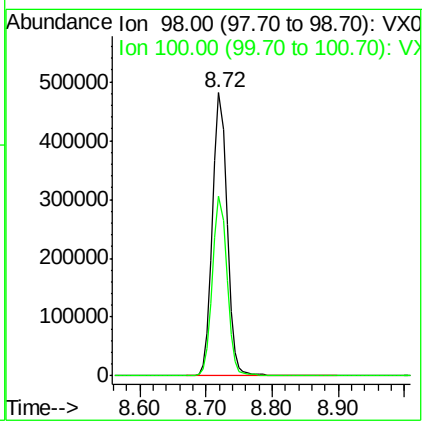


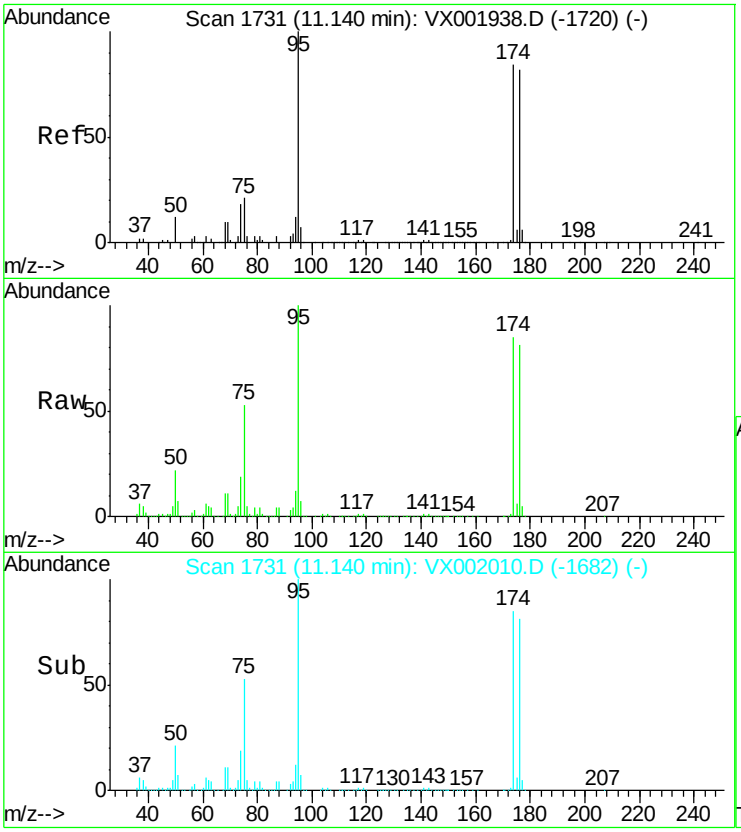


#50
Toluene-d8
Concen: 47.64 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Tgt Ion: 98 Resp: 736655

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.5	77.3



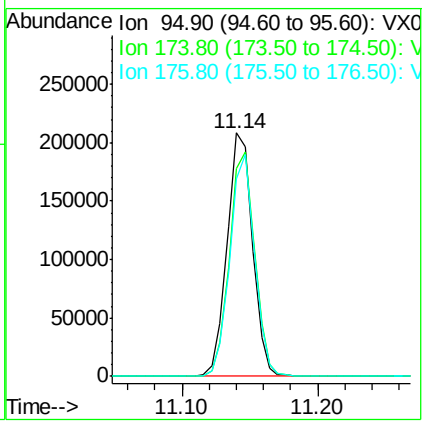


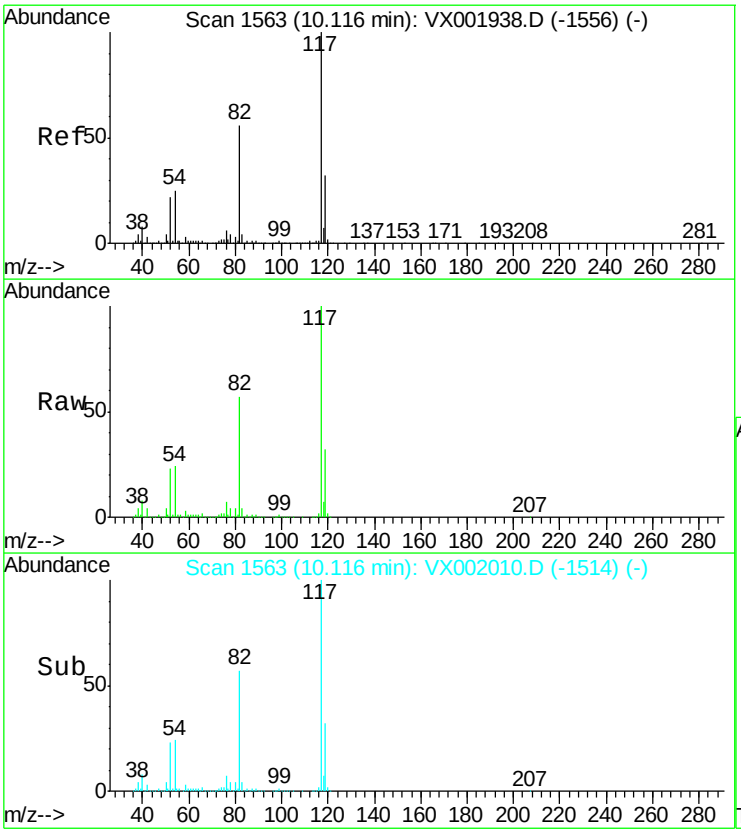
#62
4-Bromofluorobenzene
Concen: 44.86 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 271392

Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	178.8
176	88.9	0.0	175.6

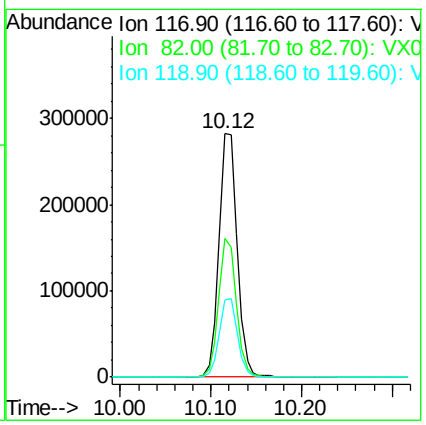


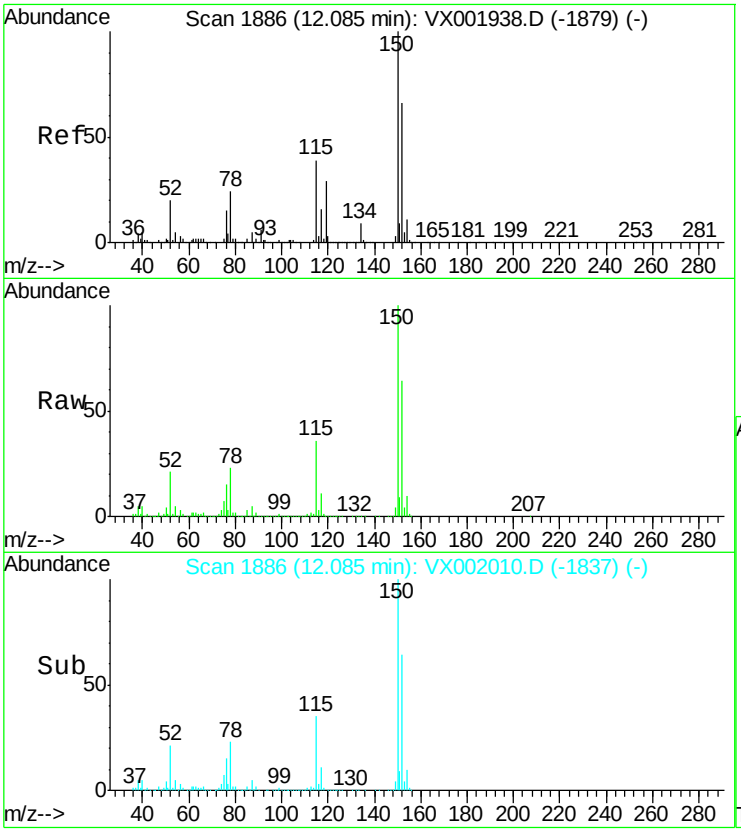


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Tgt Ion:117 Resp: 396936

Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.8	67.2
119	32.0	25.5	38.3



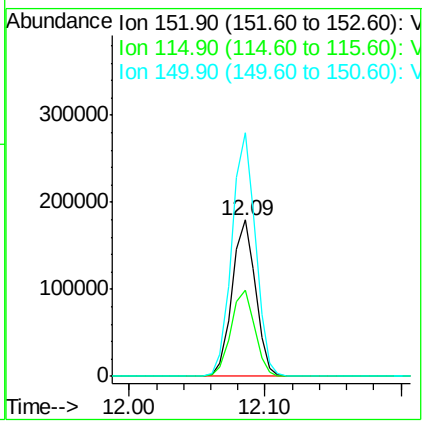


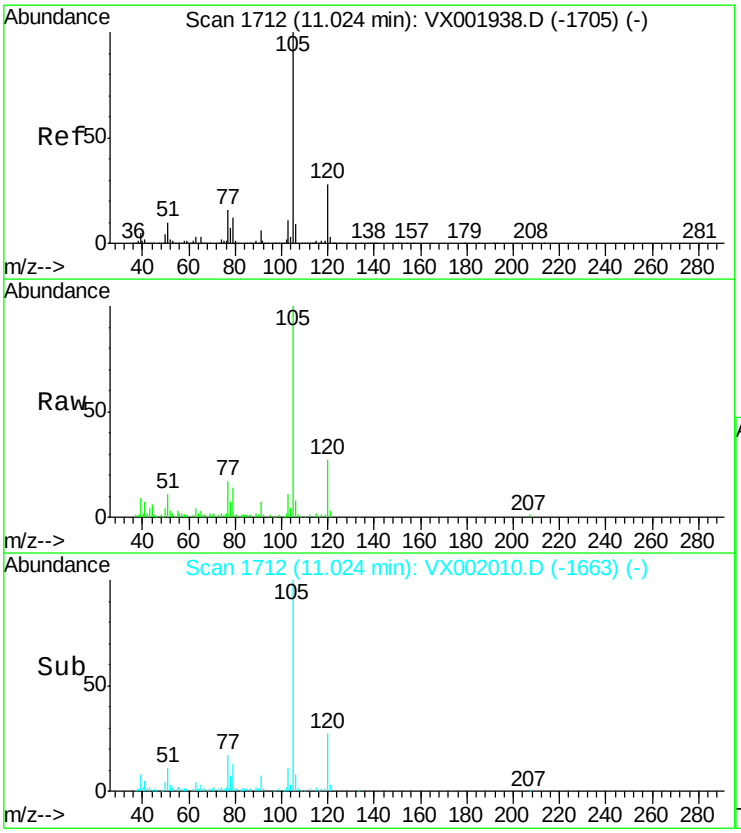
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 216643

Ion	Ratio	Lower	Upper
152	100		
115	56.1	42.3	126.8
150	156.5	0.0	351.0

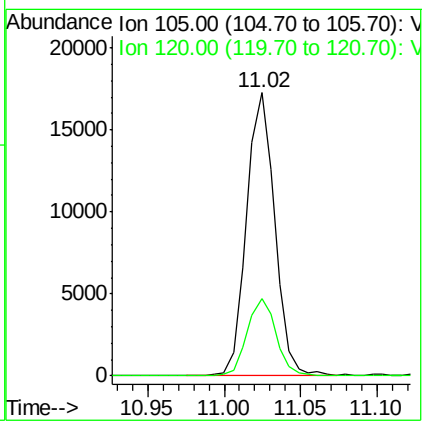


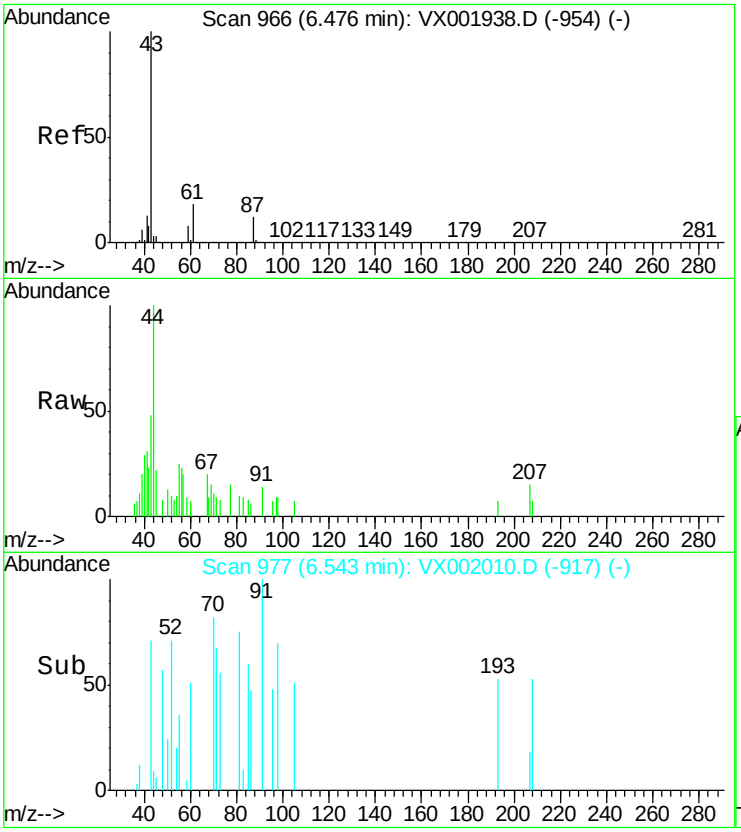


#73
Isopropylbenzene
Concen: 1.20 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Tgt Ion:105 Resp: 22101

Ion	Ratio	Lower	Upper
105	100		
120	28.0	13.6	40.7



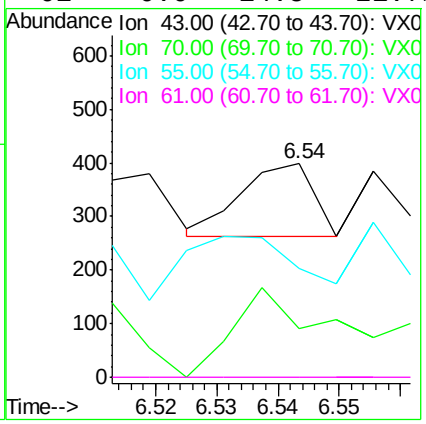


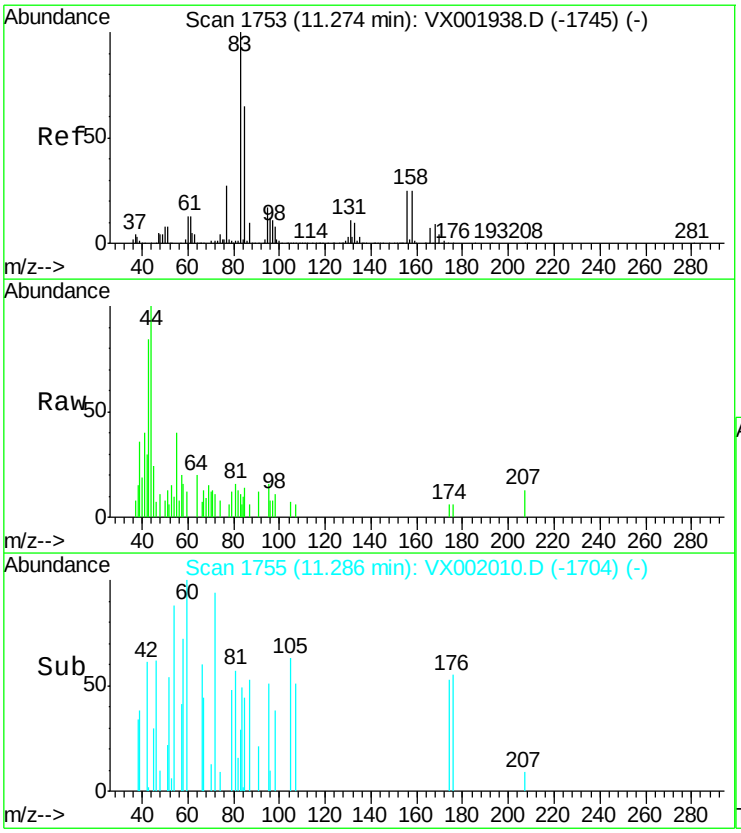
#74
N-amyl acetate
Concen: Below Cal
RT: 6.54 min Scan# 977
Delta R.T. 0.07 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 110

Ion	Ratio	Lower	Upper
43	100		
70	169.1	0.1	0.1#
55	139.1	0.1	0.1#
61	0.0	14.5	21.7#

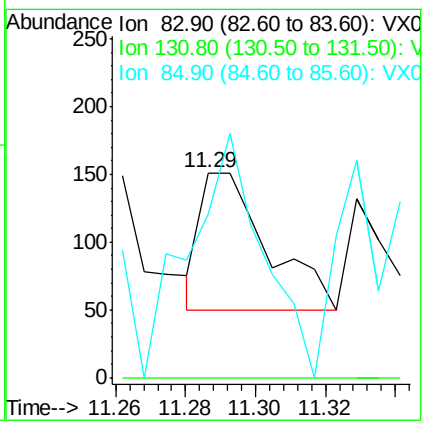


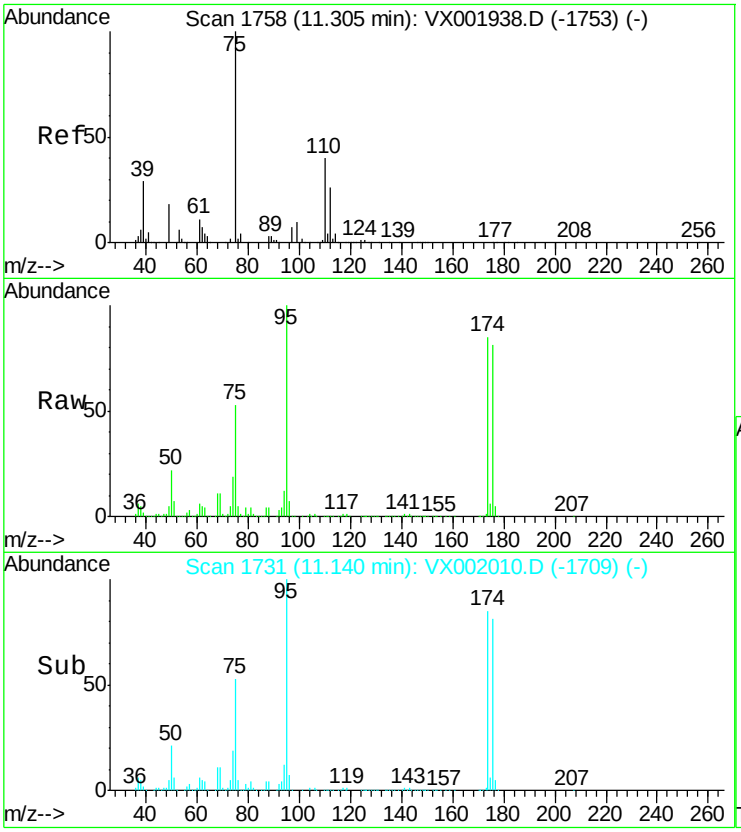


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.29 min Scan# 1755
Delta R.T. 0.01 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Tgt Ion: 83 Resp: 135

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.0#
85	196.3	32.6	97.7#



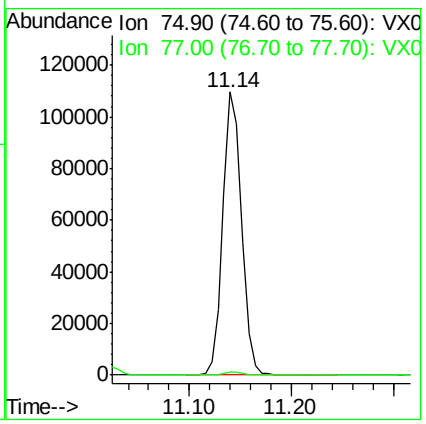


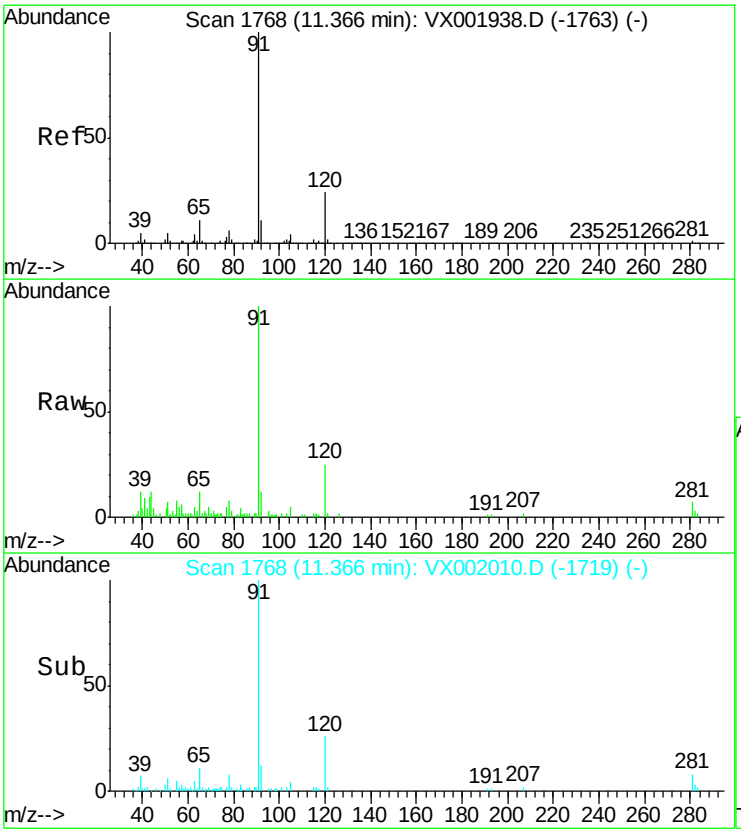
#76
1,2,3-Trichloropropane
Concen: 26.93 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 140155

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.8	68.3#

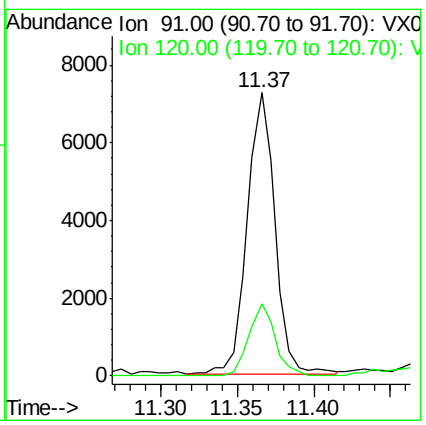


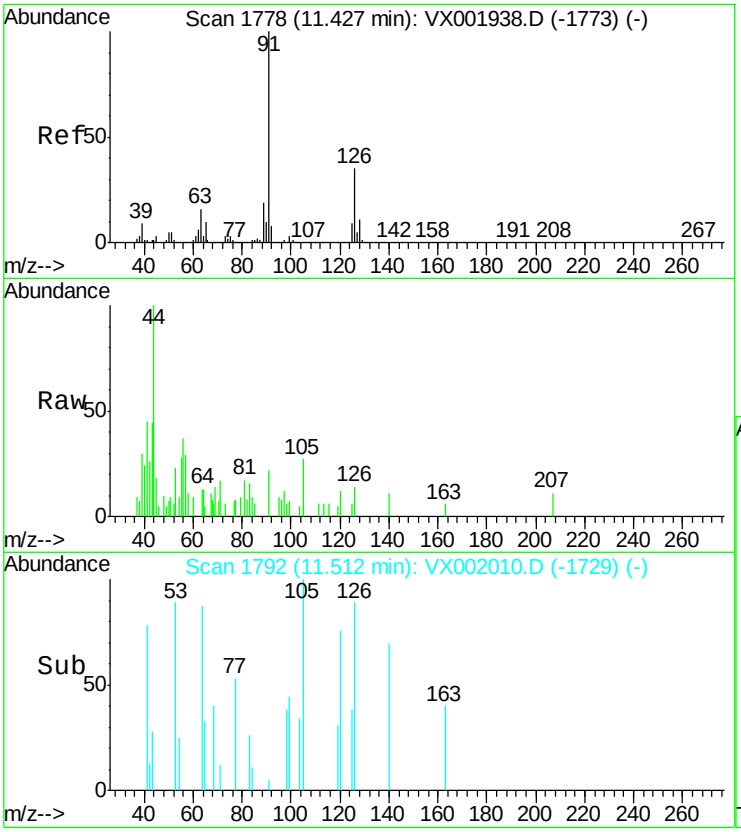


#78
n-propylbenzene
Concen: 0.44 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Tgt Ion: 91 Resp: 9082

Ion	Ratio	Lower	Upper
91	100		
120	24.5	11.9	35.7



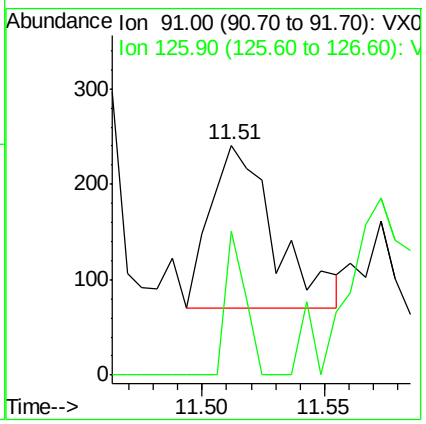


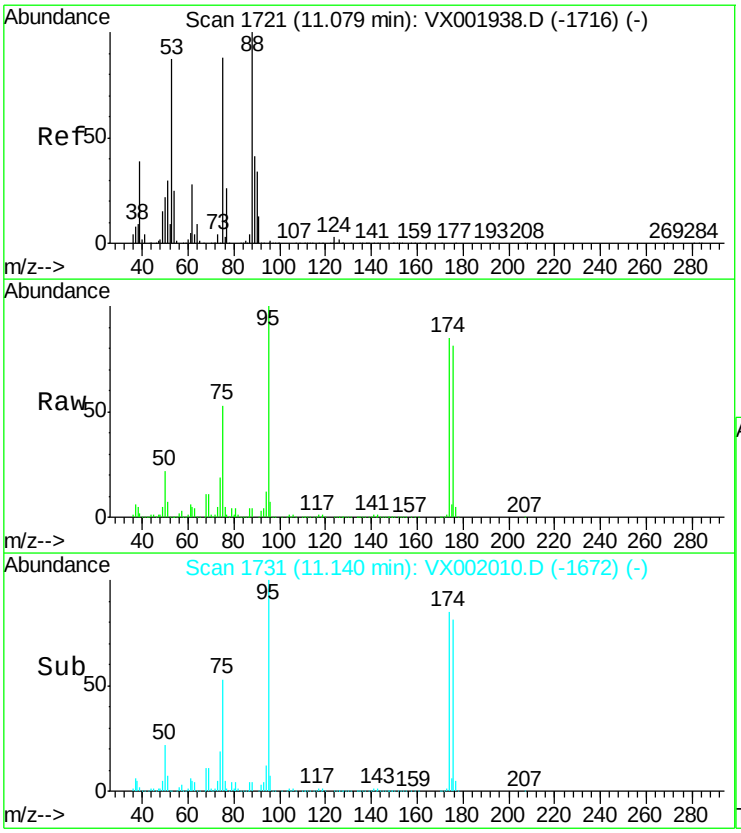
#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.51 min Scan# 1792
Delta R.T. 0.09 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 315

Ion	Ratio	Lower	Upper
91	100		
126	26.7	17.4	52.2

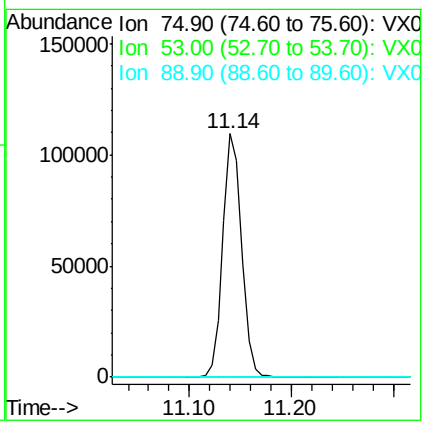


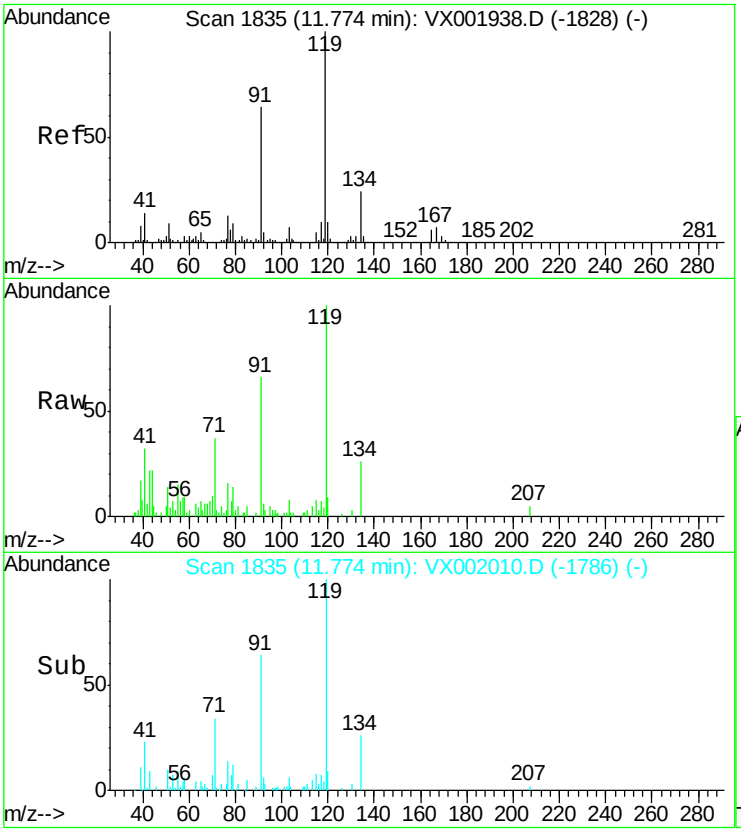


#81
trans-1,4-Dichloro-2-butene
Concen: 64.73 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Tgt Ion: 75 Resp: 140155

Ion	Ratio	Lower	Upper
75	100		
53	0.2	78.0	117.0#
89	0.0	39.4	59.2#



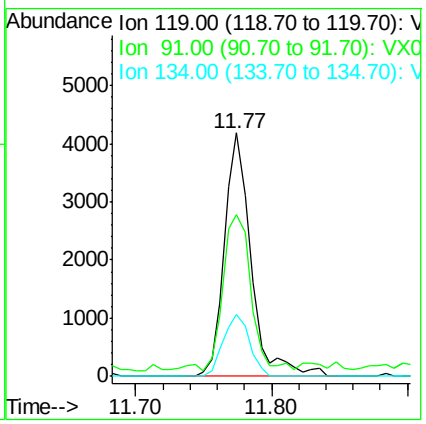


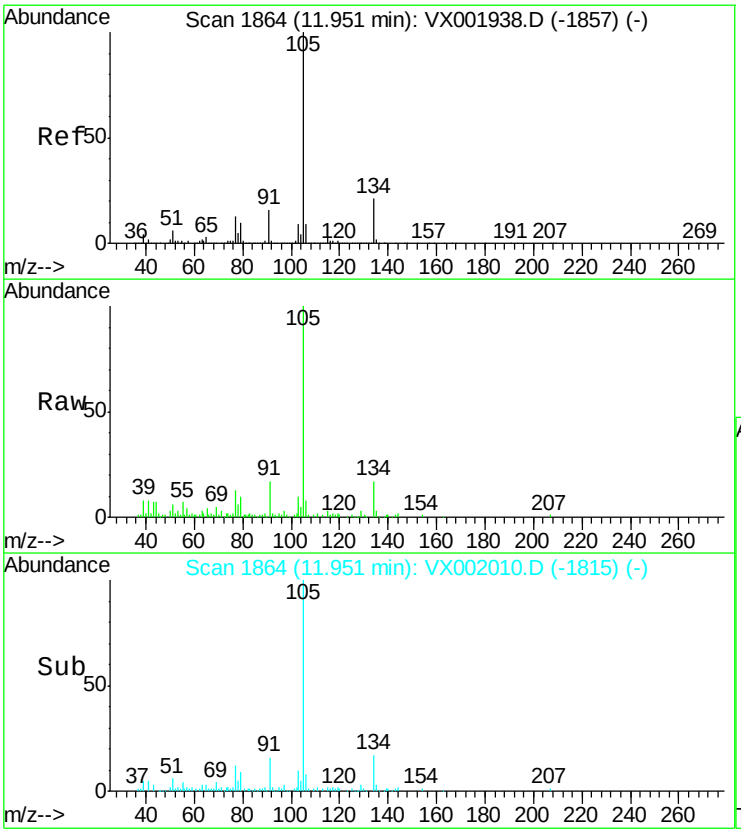
#83
tert-Butylbenzene
Concen: 0.37 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:119 Resp: 5689

Ion	Ratio	Lower	Upper
119	100		
91	66.8	30.6	91.8
134	24.8	11.7	35.0

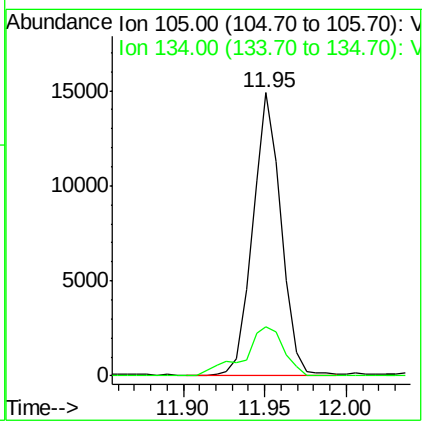


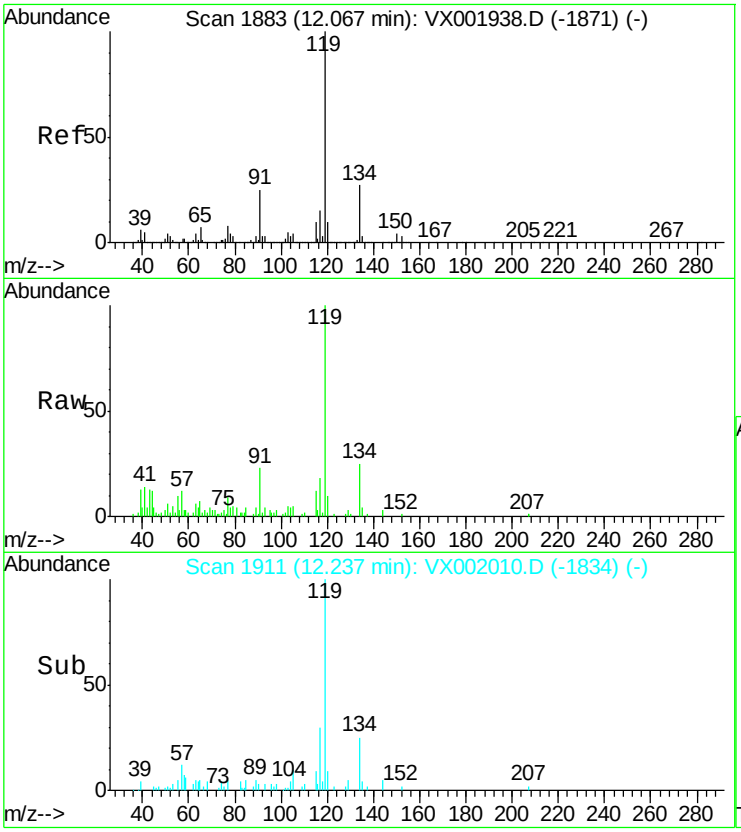


#85
sec-Butylbenzene
Concen: 0.97 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Tgt Ion:105 Resp: 17973

Ion	Ratio	Lower	Upper
105	100		
134	24.4	10.4	31.4



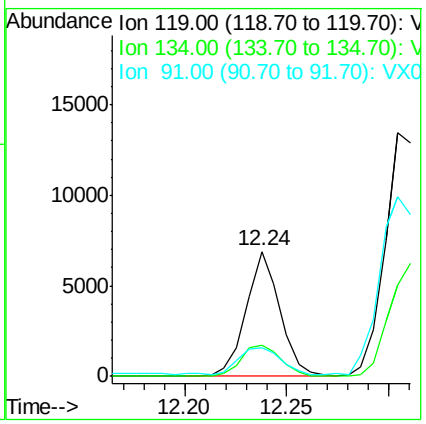


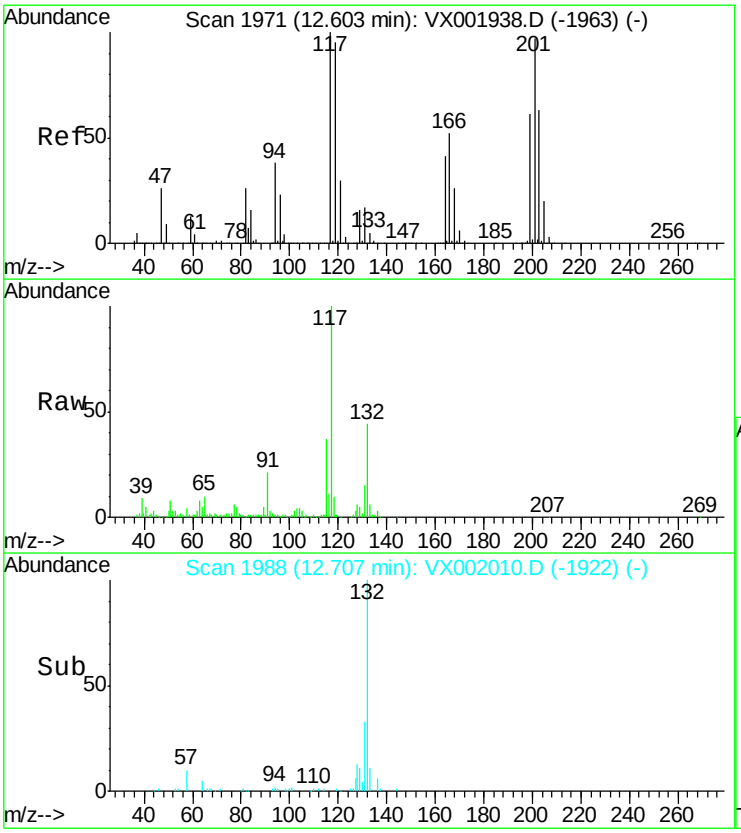
#86
p-Isopropyltoluene
Concen: 0.48 ug/l
RT: 12.24 min Scan# 1911
Delta R.T. 0.17 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:119 Resp: 7960

Ion	Ratio	Lower	Upper
119	100		
134	28.7	13.6	40.8
91	26.3	12.2	36.4

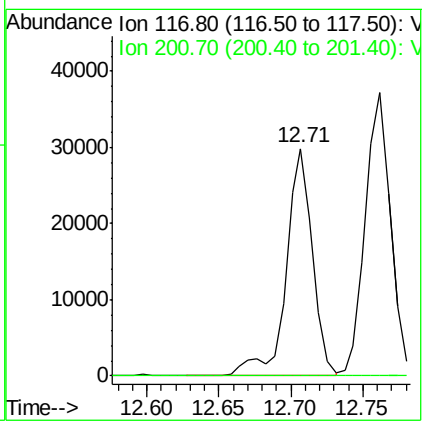


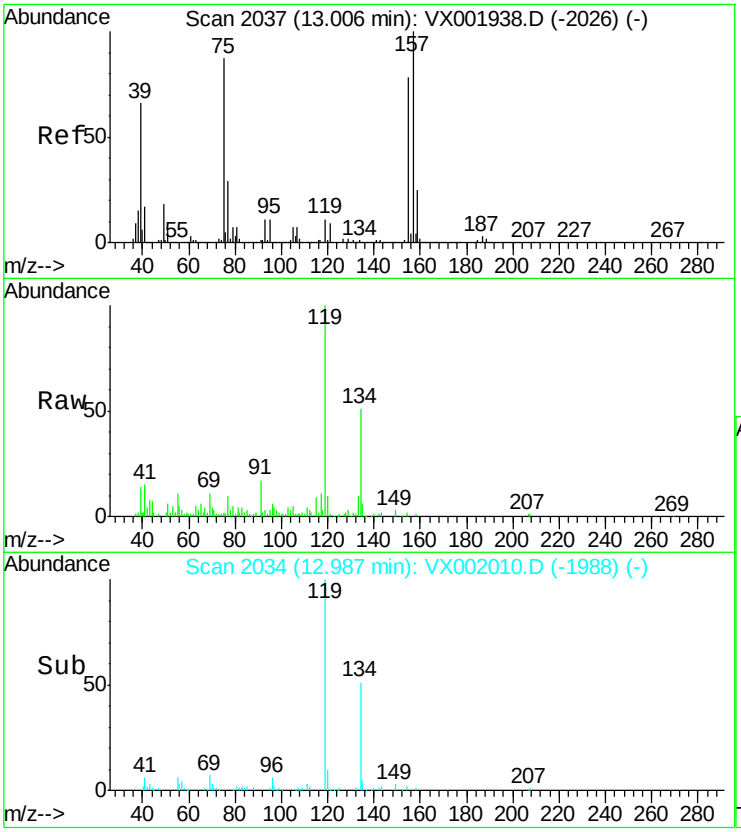


#90
Hexachloroethane
Concen: 11.78 ug/l
RT: 12.71 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Tgt Ion:117 Resp: 38449

Ion	Ratio	Lower	Upper
117	100		
201	0.0	48.0	144.0#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.25 ug/l
RT: 12.99 min Scan# 2034
Delta R.T. -0.02 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 412

Ion	Ratio	Lower	Upper
75	100		
155	18.7	45.1	135.2#
157	0.0	58.1	174.2#