Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
Data File : VX003384.D
Acq On : 14 Jul 2018 01:33
Operator : JC/MD
Sample : PB111071TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB111071TB

Quant Time: Jul 14 02:50:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	290243	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	419983	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	380535	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209171	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	184478	58.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 116.56%				
35) Dibromofluoromethane	5.51	113	165335	53.49	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.98%				
50) Toluene-d8	8.72	98	584206	57.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 115.76%				
62) 4-Bromofluorobenzene	11.14	95	199350	46.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.62%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	57	Below Cal		#	43
3) Chloromethane	1.32	50	1073	Below Cal			93
5) Bromomethane	1.65	94	2213	1.04	ug/l		88
6) Chloroethane	1.71	64	67	Below Cal		#	1
10) Methyl Iodide	2.51	142	1498	0.43	ug/l		97
11) Tert butyl alcohol	3.09	59	195	0.23	ug/l		97
13) Acrolein	2.31	56	189	Below Cal		#	54
16) Acetone	2.45	43	16247	9.97	ug/l	#	88
18) Methyl Acetate	2.78	43	27608	5.46	ug/l		96
20) Methylene Chloride	2.86	84	9709	1.52	ug/l		90
25) 2-Butanone	4.71	43	3371	1.33	ug/l		93
29) Tetrahydrofuran	5.18	42	1318	0.82	ug/l		93
31) Cyclohexane	5.67	56	5065	1.01	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	18735	4.20	ug/l	#	50
37) Ethyl Acetate	4.71	43	3371	0.69	ug/l	#	70
38) Carbon Tetrachloride	5.67	117	25444	5.59	ug/l	#	18
51) 4-Methyl-2-Pentanone	8.65	43	1199	0.24	ug/l		95
76) 1,2,3-Trichloropropane	11.14	75	100139	24.23	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	100139	80.79	ug/l	#	7
92) 1,2-Dibromo-3-Chloropropan	12.98	75	276	0.29	ug/l	#	8
95) Naphthalene	13.84	128	4184	0.29	ug/l		98

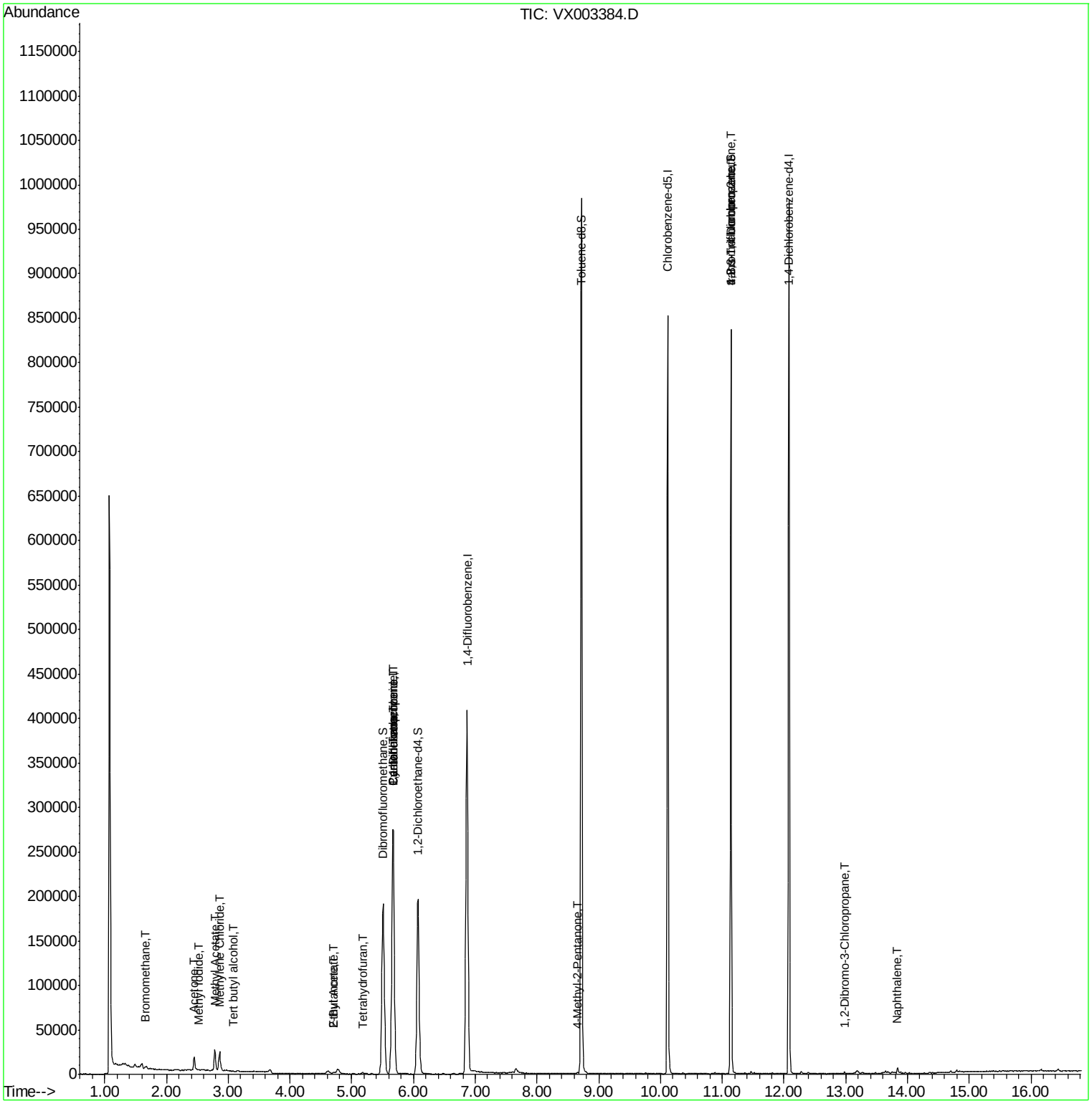
(#) = qualifier out of range (m) = manual integration (+) = signals summed

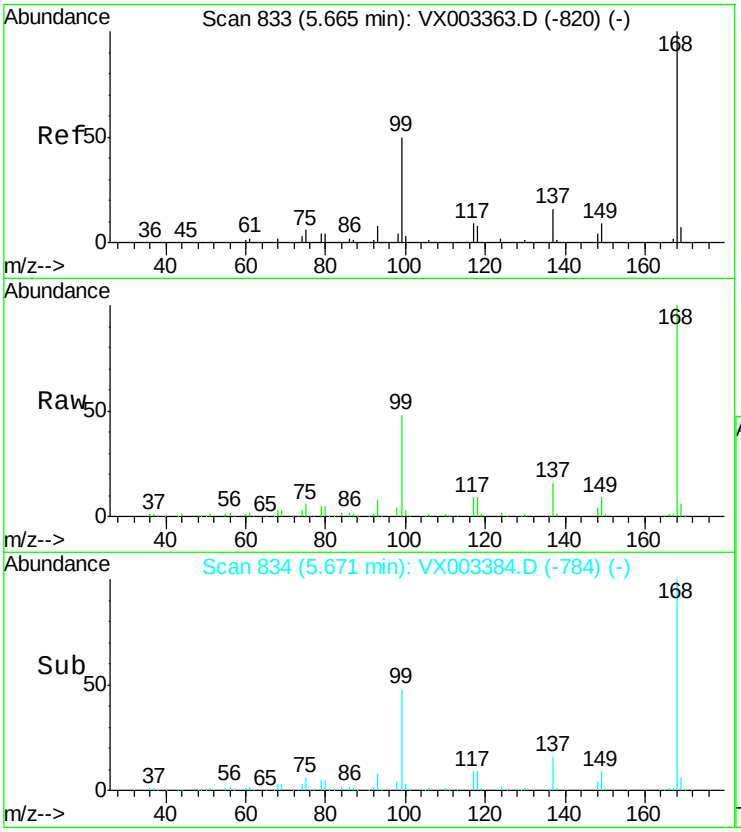
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
Data File : VX003384.D
Acq On : 14 Jul 2018 01:33
Operator : JC/MD
Sample : PB111071TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB111071TB

Quant Time: Jul 14 02:50:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration



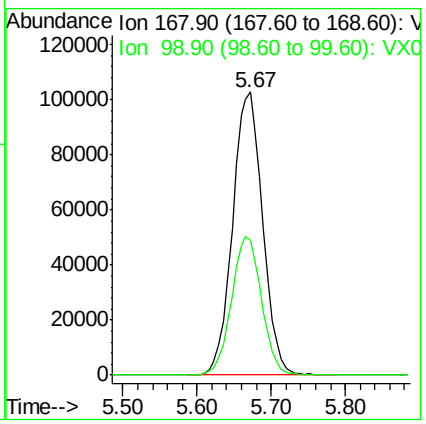


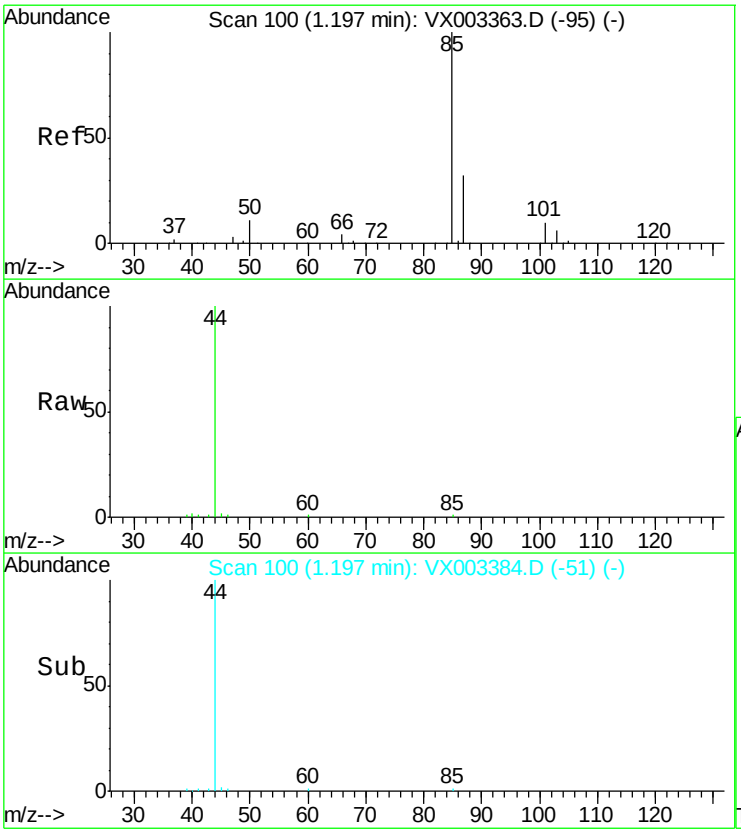
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Instrument :
MSVOA_X
ClientSampleId :
PB111071TB

Tgt Ion:168 Resp: 290243

Ion	Ratio	Lower	Upper
168	100		
99	47.8	39.3	58.9

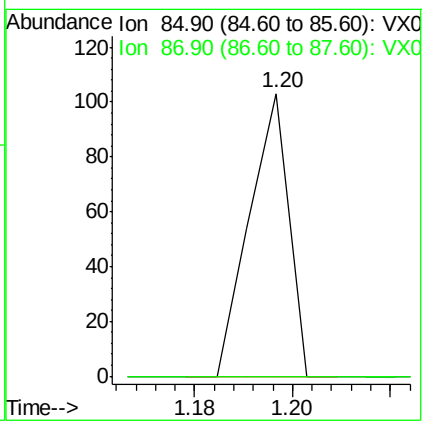


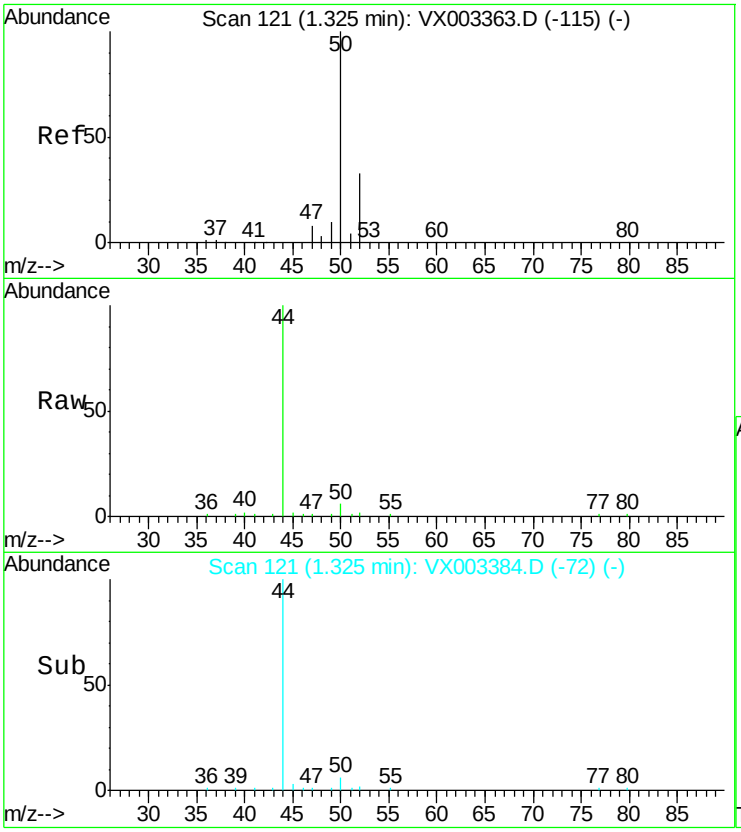


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Tgt Ion: 85 Resp: 57

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#



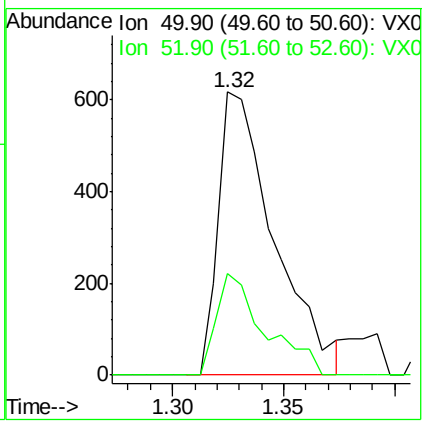


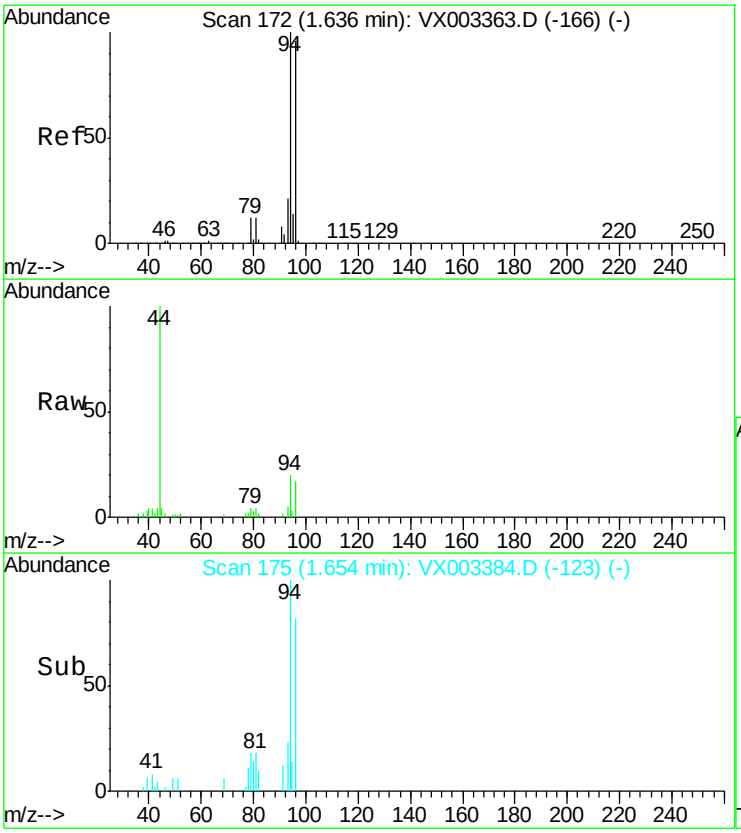
#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Instrument :
MSVOA_X
ClientSampleId :
PB111071TB

Tgt Ion: 50 Resp: 1073

Ion	Ratio	Lower	Upper
50	100		
52	35.8	25.7	38.5

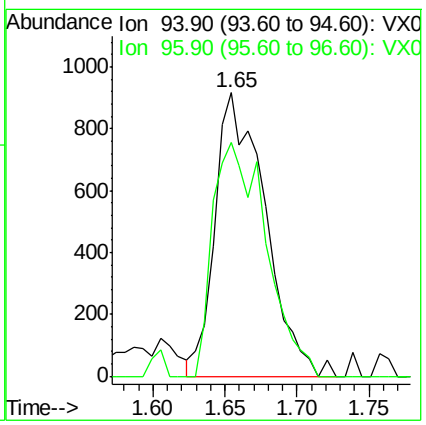


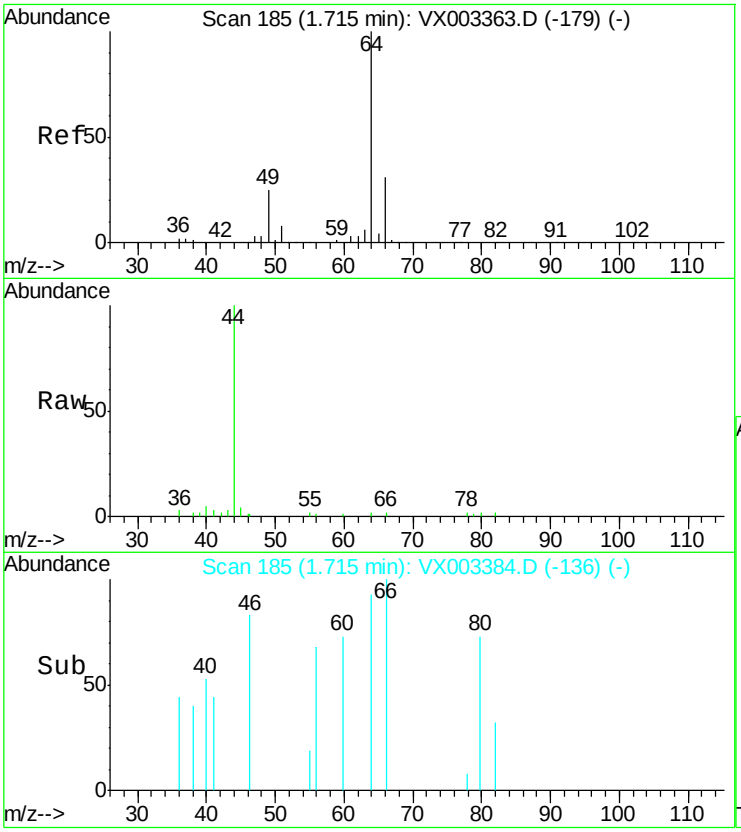


#5
Bromomethane
Concen: 1.04 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Tgt Ion: 94 Resp: 2213

Ion	Ratio	Lower	Upper
94	100		
96	82.3	74.9	112.3



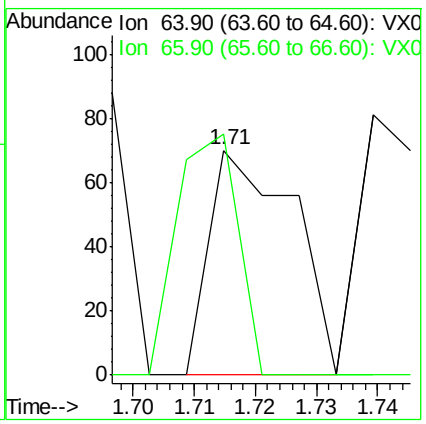


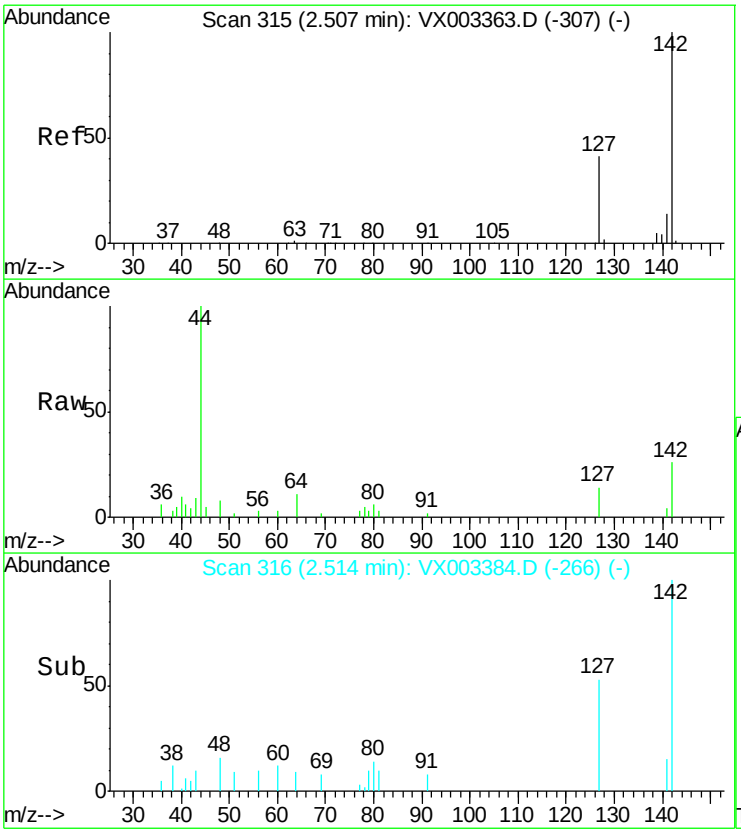
#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 185
Delta R.T. 0.00 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Instrument :
MSVOA_X
ClientSampleId :
PB111071TB

Tgt Ion: 64 Resp: 67

Ion	Ratio	Lower	Upper
64	100		
66	107.1	25.5	38.3#

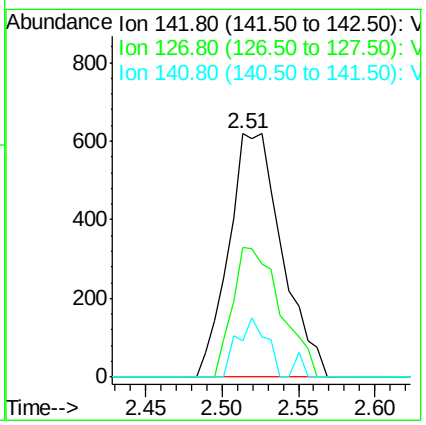


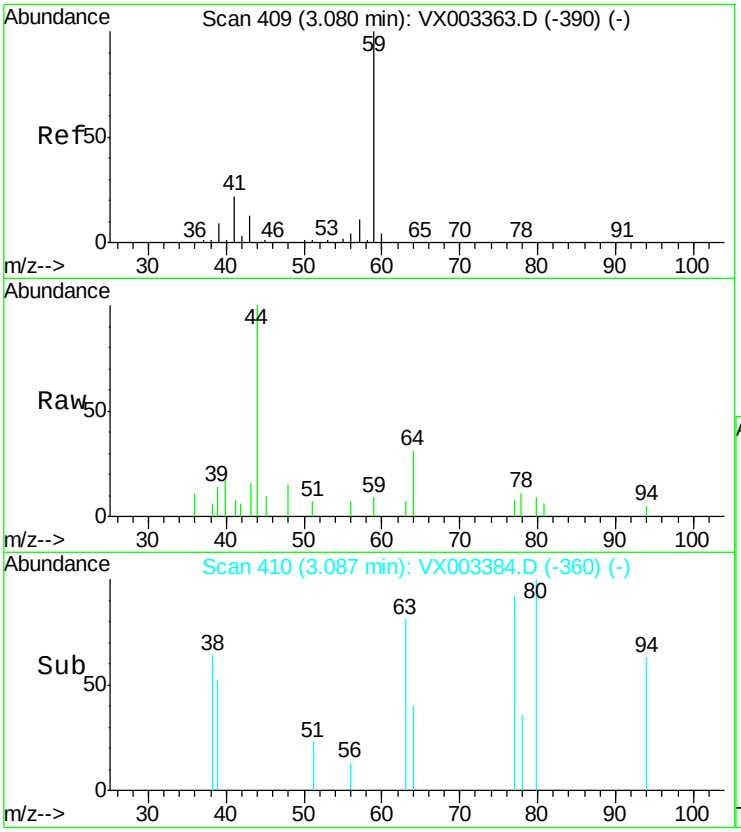


#10
Methyl Iodide
Concen: 0.43 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Tgt Ion:142 Resp: 1498

Ion	Ratio	Lower	Upper
142	100		
127	48.1	36.6	55.0
141	13.2	11.3	16.9



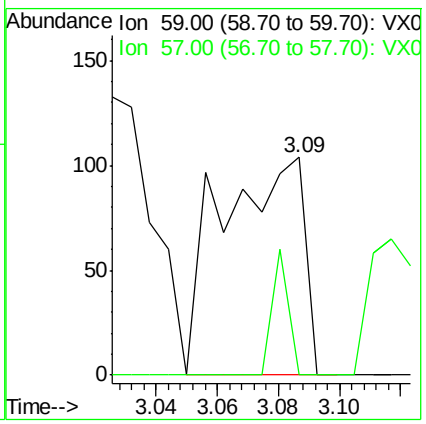


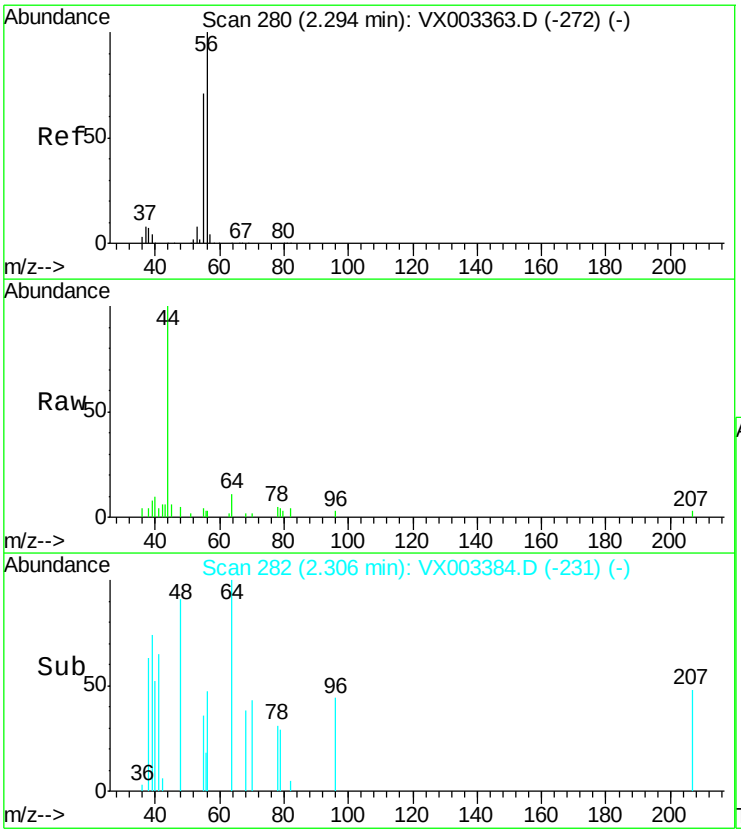
#11
Tert butyl alcohol
Concen: 0.23 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Instrument :
MSVOA_X
ClientSampleId :
PB111071TB

Tgt Ion: 59 Resp: 195

Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.2	12.2

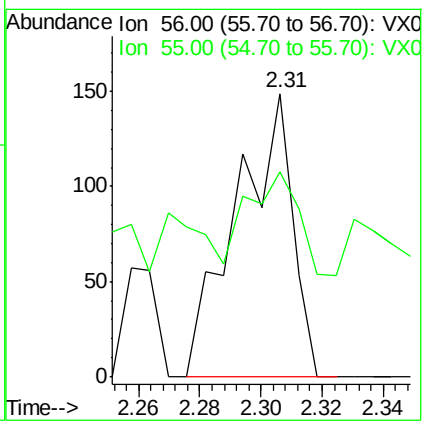


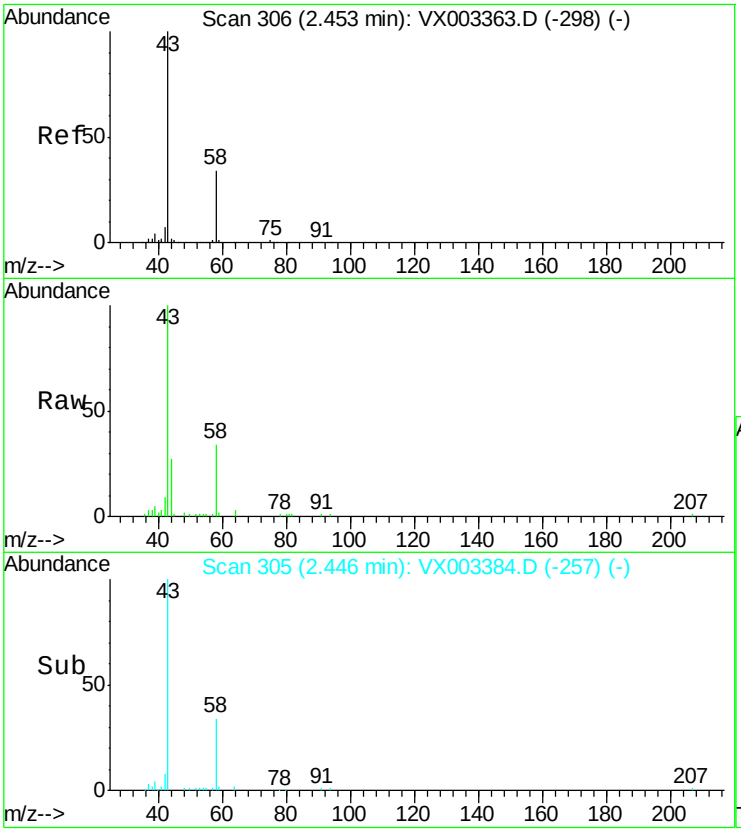


#13
Acrolein
Concen: Below Cal
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Tgt Ion: 56 Resp: 189

Ion	Ratio	Lower	Upper
56	100		
55	33.3	57.0	85.4#



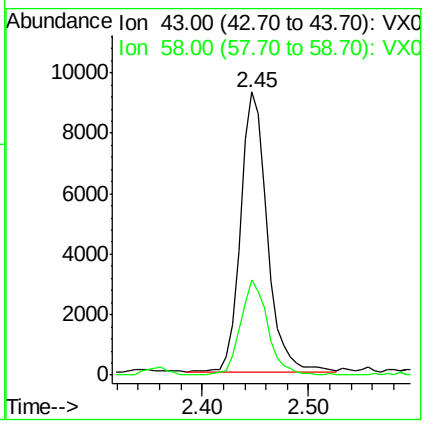


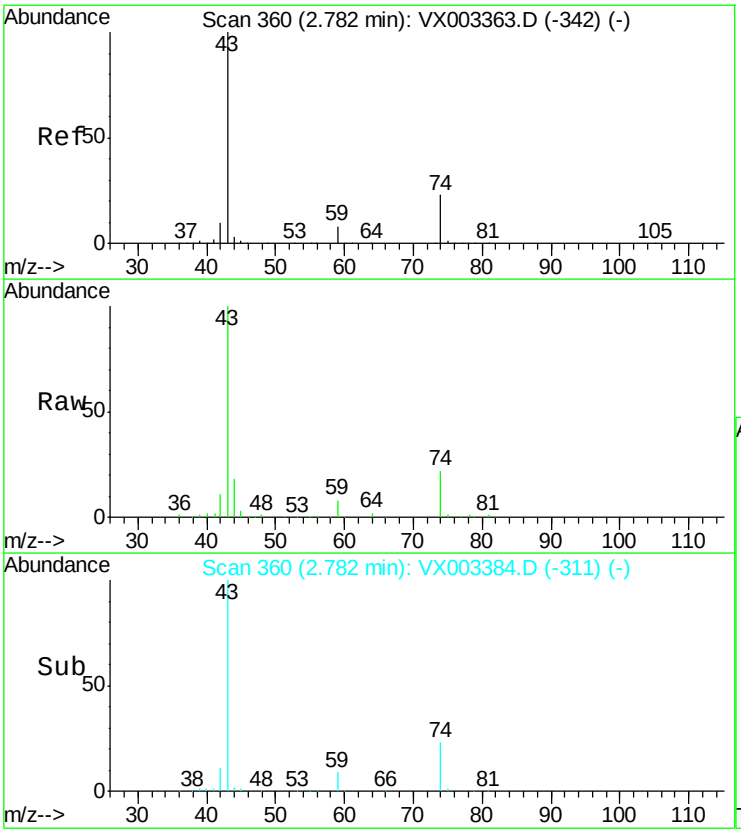
#16
Acetone
Concen: 9.97 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Instrument :
MSVOA_X
ClientSampleId :
PB111071TB

Tgt Ion: 43 Resp: 16247

Ion	Ratio	Lower	Upper
43	100		
58	34.0	22.1	33.1#

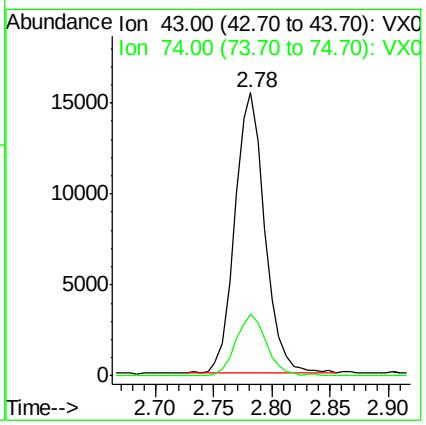


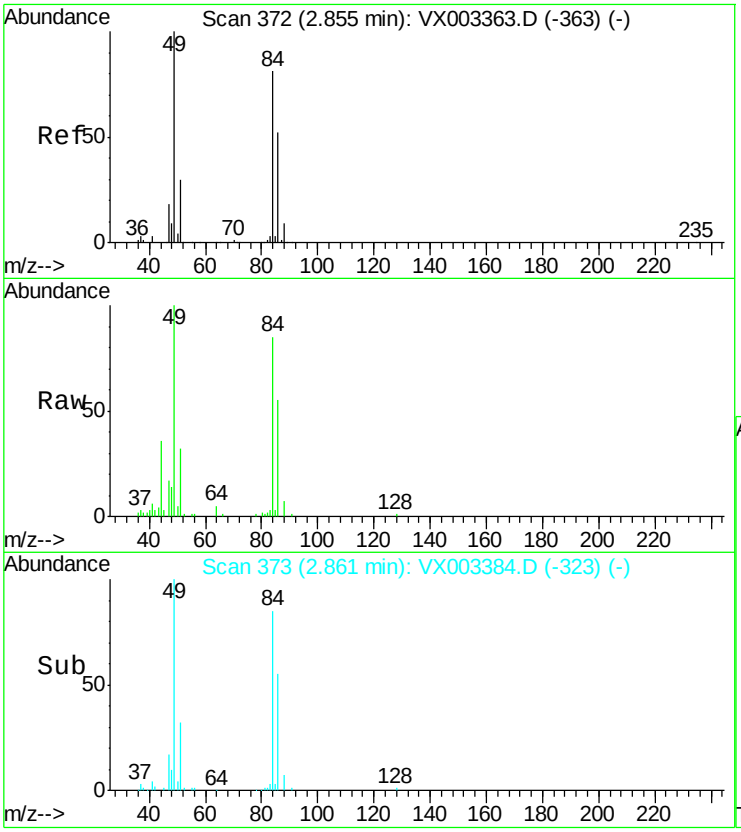


#18
Methyl Acetate
Concen: 5.46 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Tgt Ion: 43 Resp: 27608

Ion	Ratio	Lower	Upper
43	100		
74	22.6	16.7	25.1



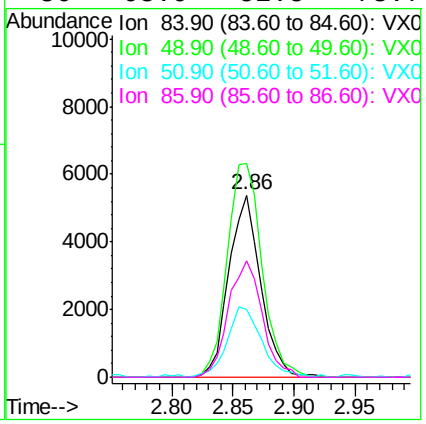


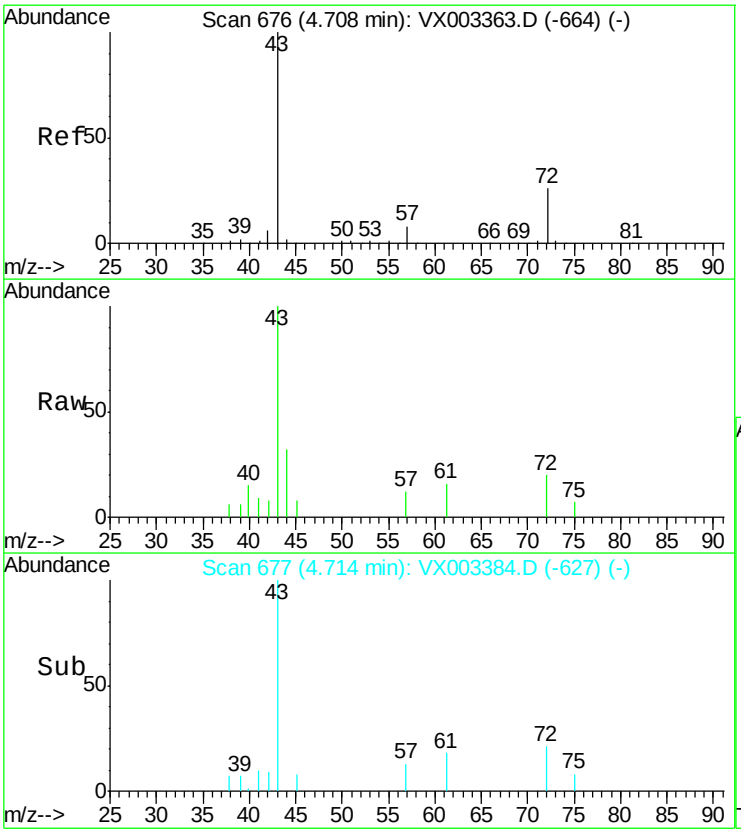
#20
Methylene Chloride
Concen: 1.52 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Instrument : MSVOA_X
ClientSampleId : PB111071TB

Tgt Ion: 84 Resp: 9709

Ion	Ratio	Lower	Upper
84	100		
49	117.3	107.8	161.6
51	37.3	32.8	49.2
86	63.9	52.5	78.7

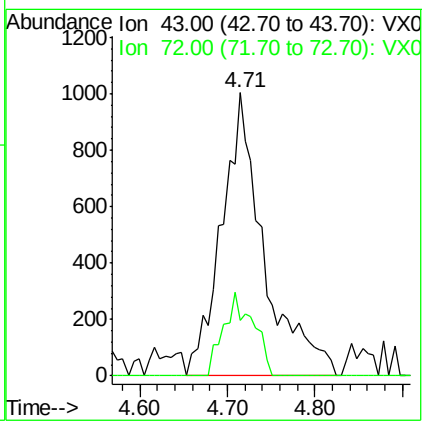


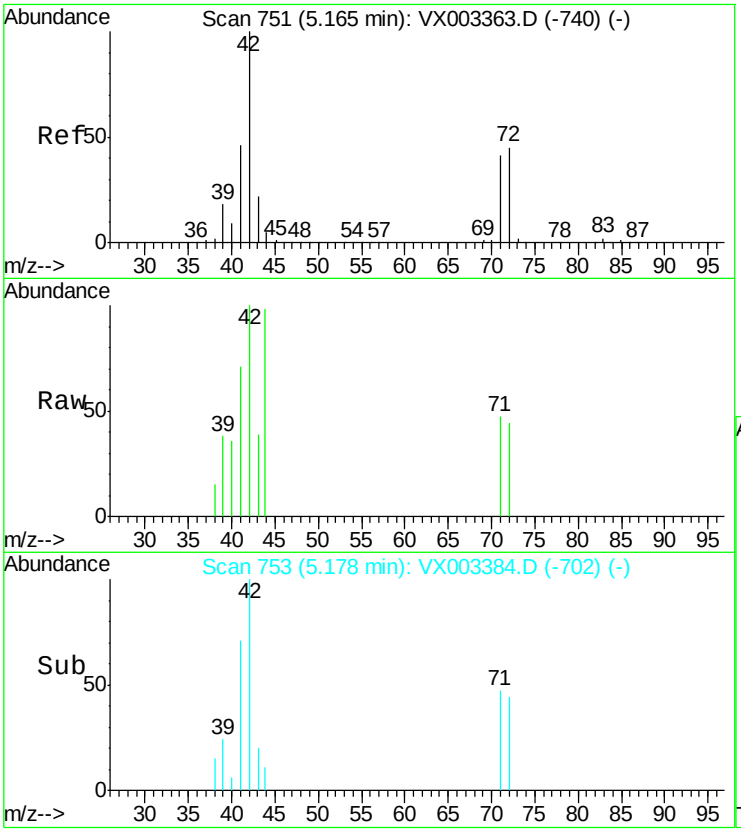


#25
2-Butanone
Concen: 1.33 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Tgt Ion: 43 Resp: 3371

Ion	Ratio	Lower	Upper
43	100		
72	19.7	18.5	27.7



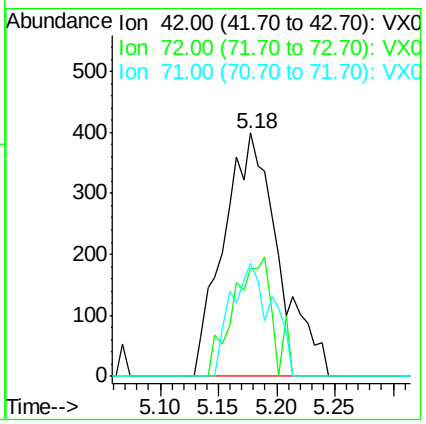


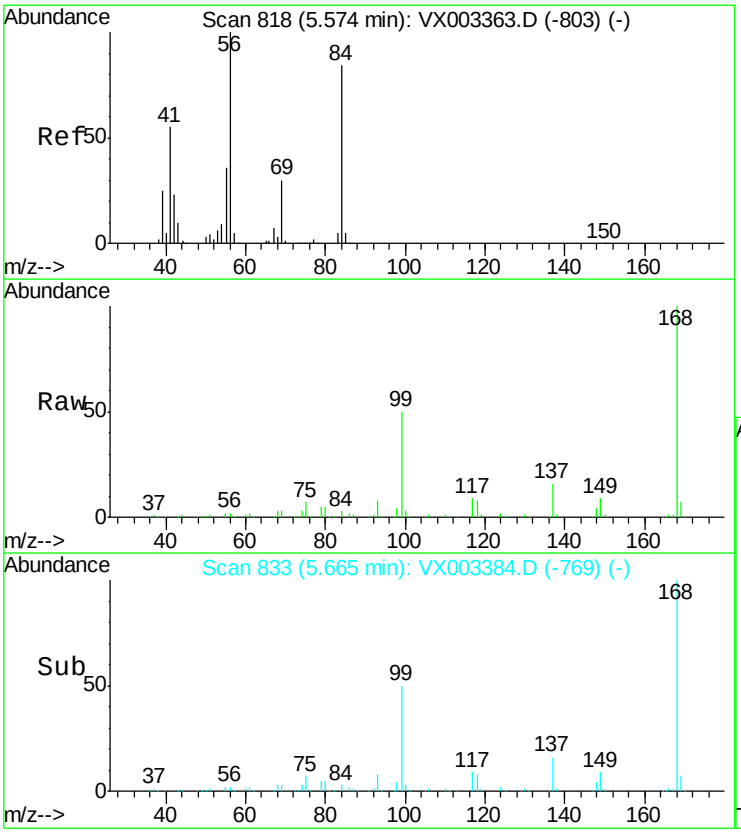
#29
Tetrahydrofuran
Concen: 0.82 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Instrument :
MSVOA_X
ClientSampleId :
PB111071TB

Tgt Ion: 42 Resp: 1318

Ion	Ratio	Lower	Upper
42	100		
72	34.8	32.0	48.0
71	34.5	30.1	45.1

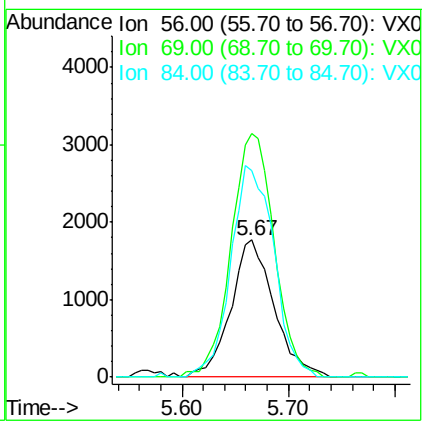


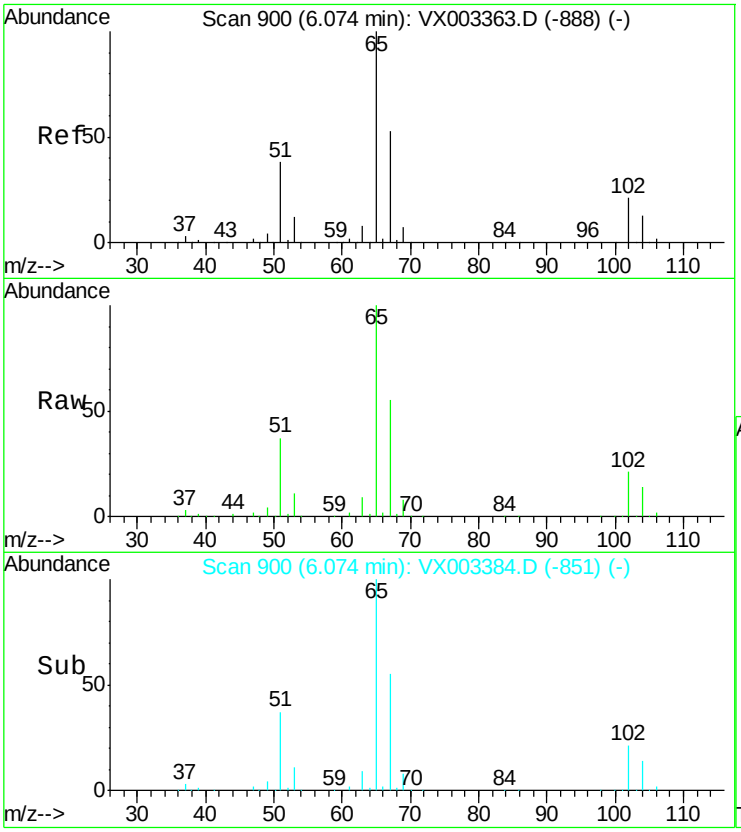


#31
Cyclohexane
Concen: 1.01 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Tgt Ion: 56 Resp: 5065

Ion	Ratio	Lower	Upper
56	100		
69	177.9	23.7	35.5#
84	151.1	64.1	96.1#



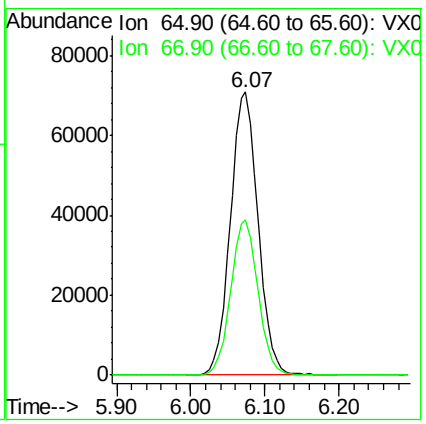


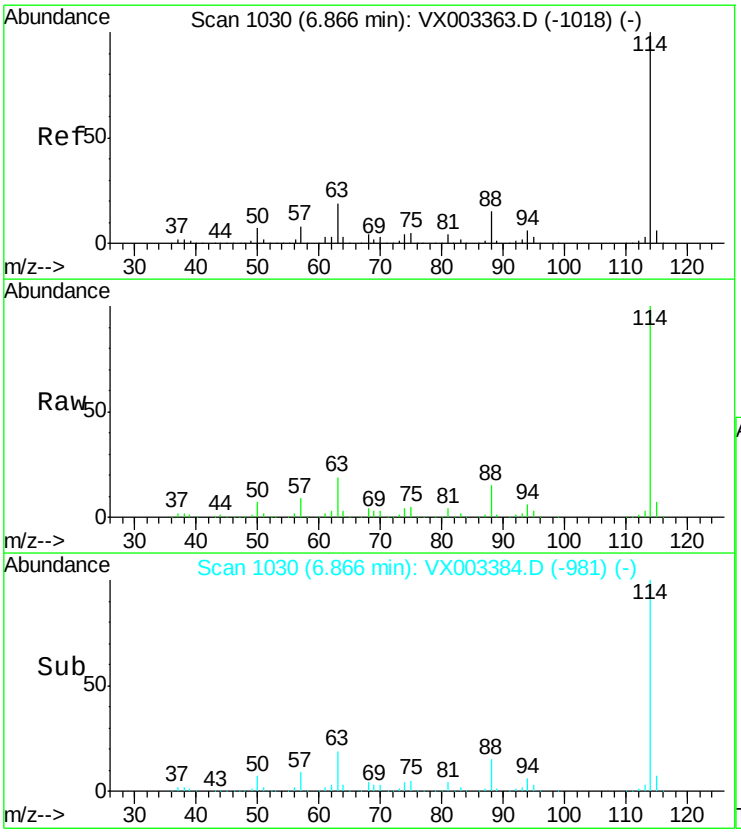
#33
1,2-Dichloroethane-d4
Concen: 58.28 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Instrument :
MSVOA_X
ClientSampleId :
PB111071TB

Tgt Ion: 65 Resp: 184478

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	102.6

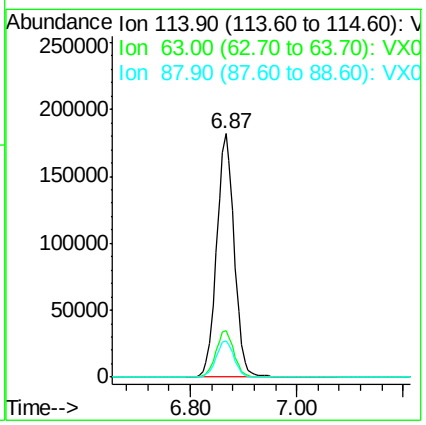


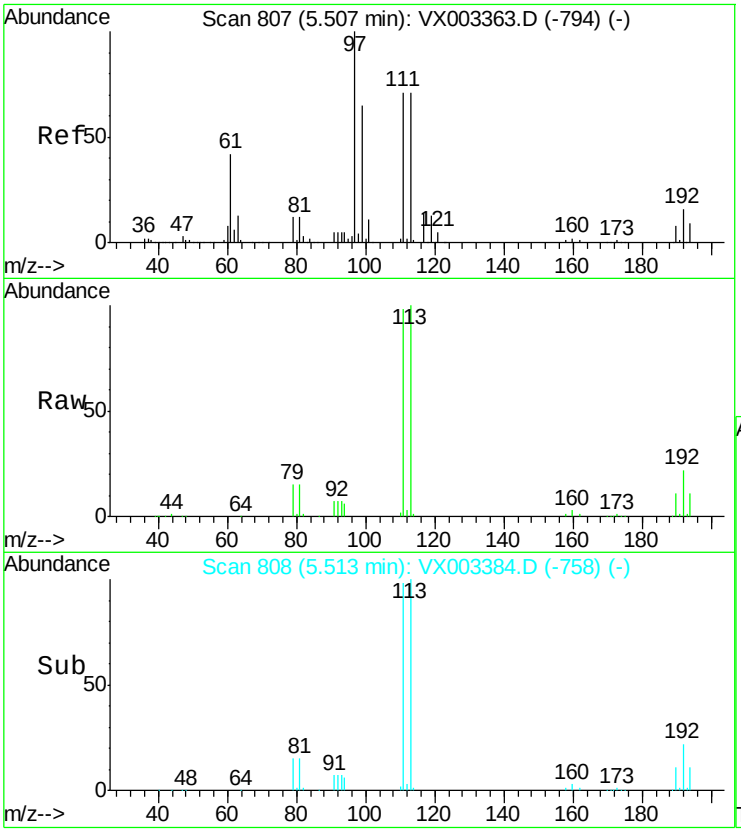


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Tgt Ion:114 Resp: 419983

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	41.4
88	14.6	0.0	30.0



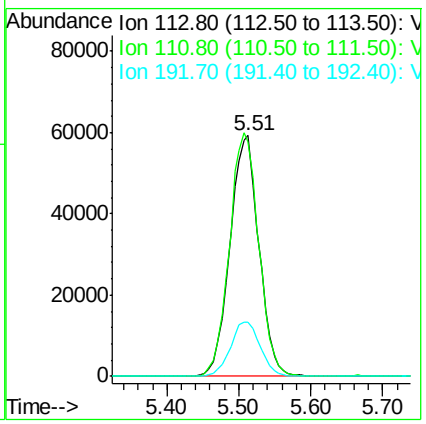


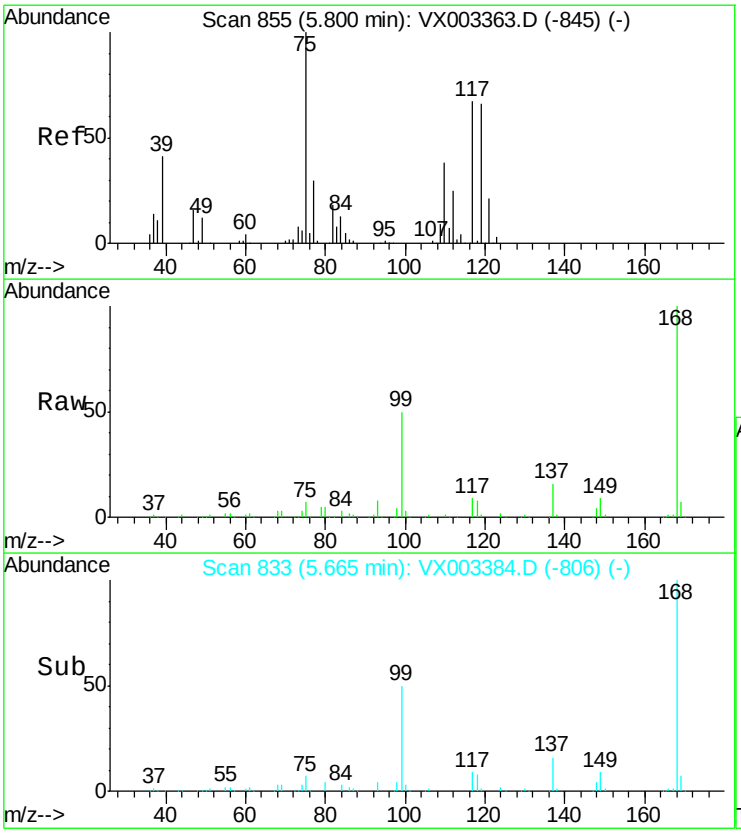
#35
Dibromofluoromethane
Concen: 53.49 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Instrument :
MSVOA_X
ClientSampleId :
PB111071TB

Tgt Ion:113 Resp: 165335

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.0
192	23.2	19.1	28.7

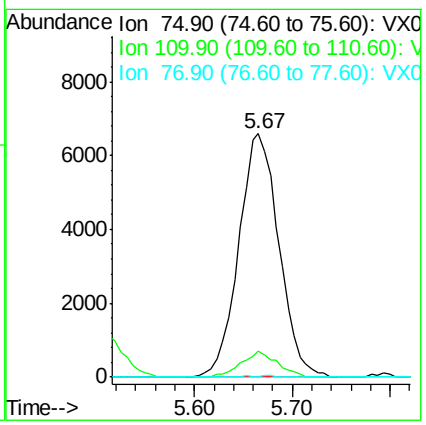


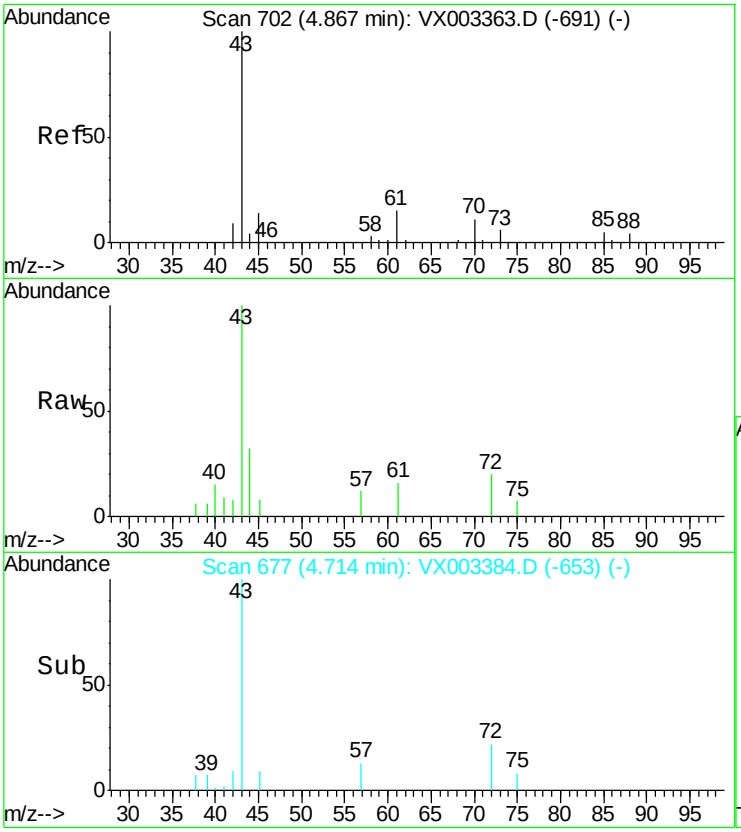


#36
1,1-Dichloropropene
Concen: 4.20 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Tgt Ion: 75 Resp: 18735

Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.4#
77	0.2	24.3	36.5#



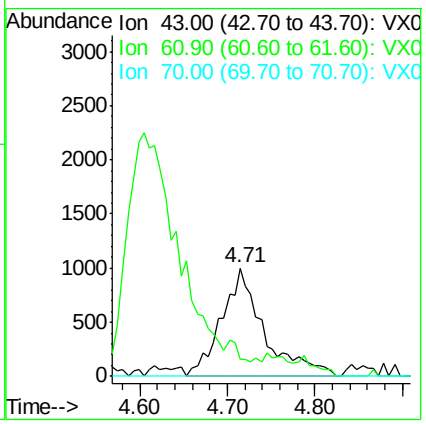


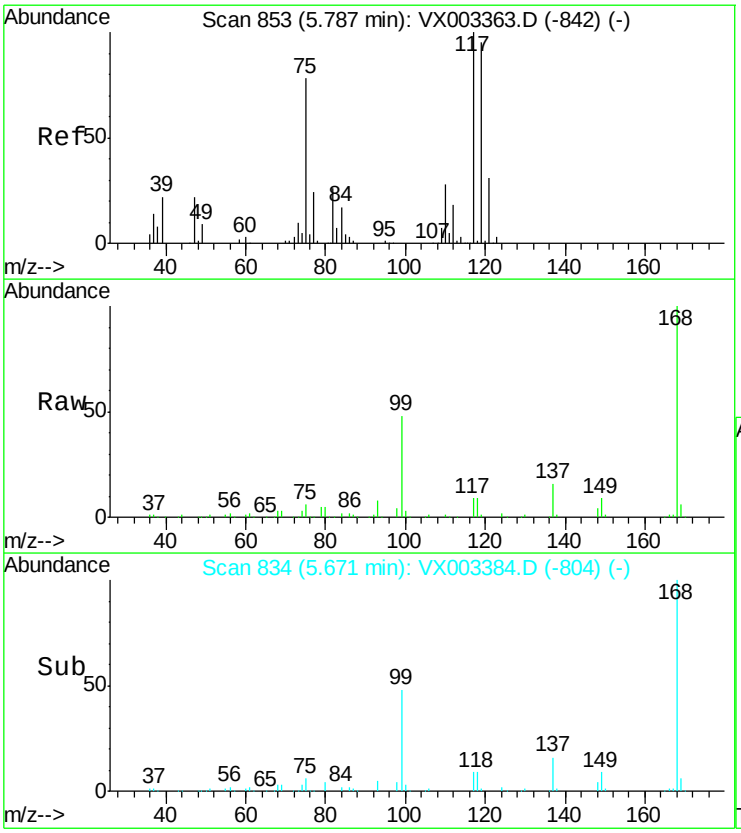
#37
Ethyl Acetate
Concen: 0.69 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.15 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Instrument : MSVOA_X
ClientSampleId : PB111071TB

Tgt Ion: 43 Resp: 3371

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	0.0	7.6	11.4#

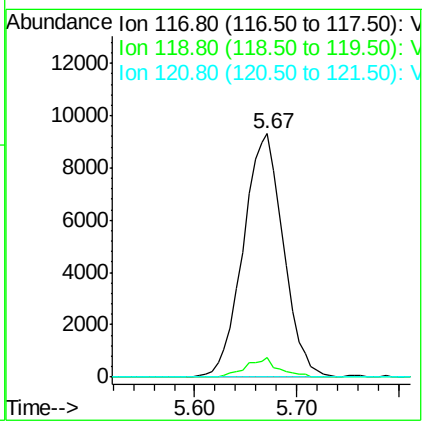


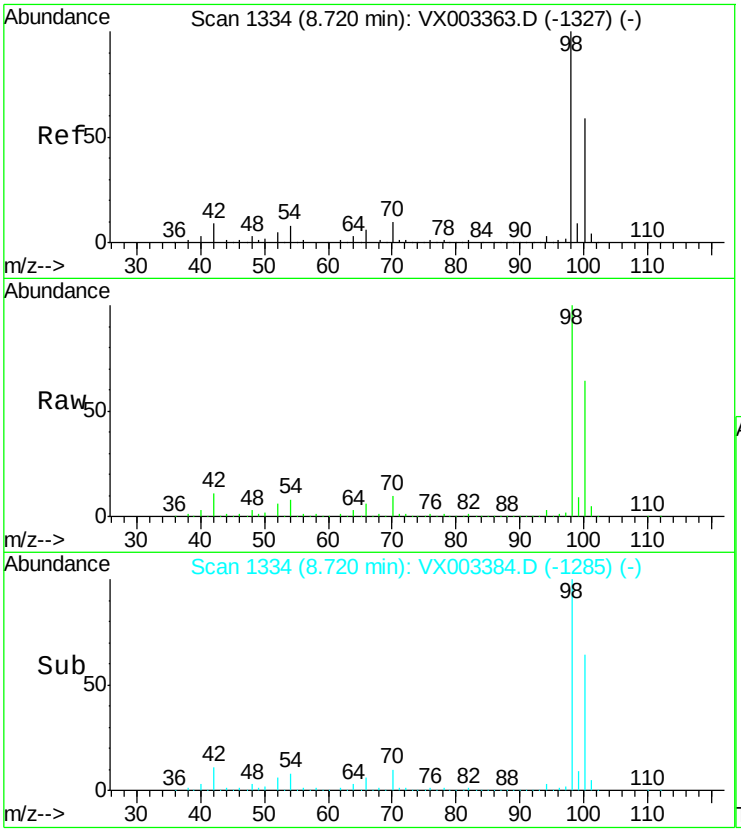


#38
Carbon Tetrachloride
Concen: 5.59 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Tgt Ion:117 Resp: 25444

Ion	Ratio	Lower	Upper
117	100		
119	8.0	77.4	116.0#
121	0.0	24.4	36.6#



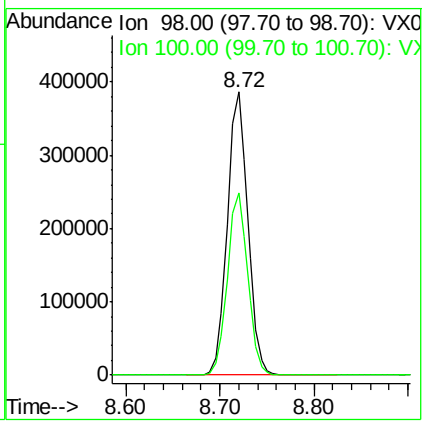


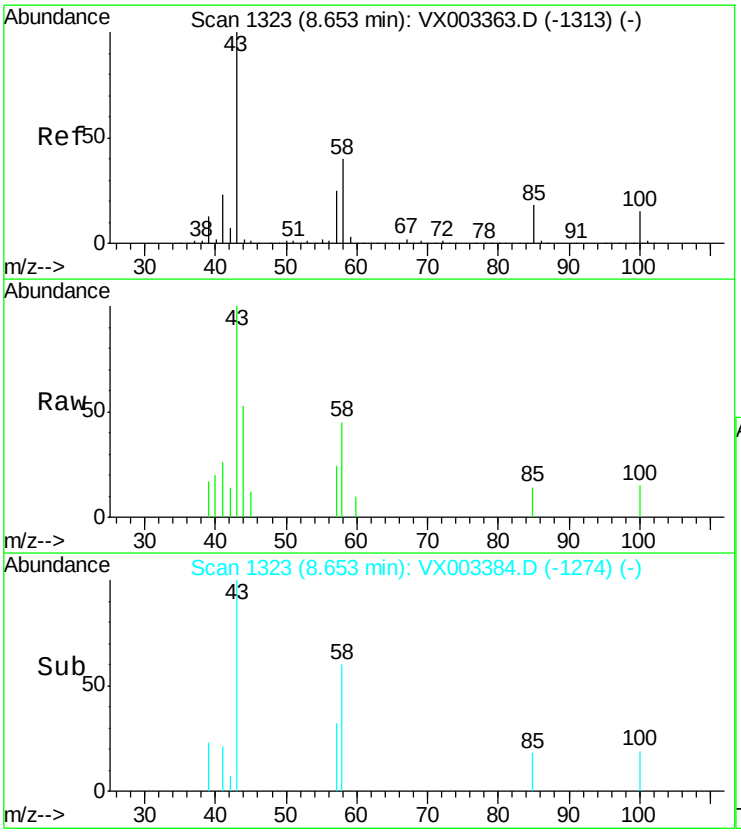
#50
Toluene-d8
Concen: 57.88 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Instrument :
MSVOA_X
ClientSampleId :
PB111071TB

Tgt Ion: 98 Resp: 584206

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3

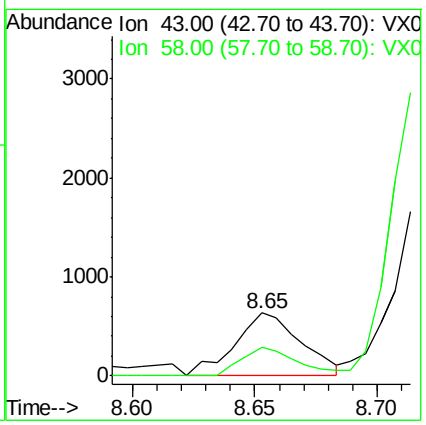


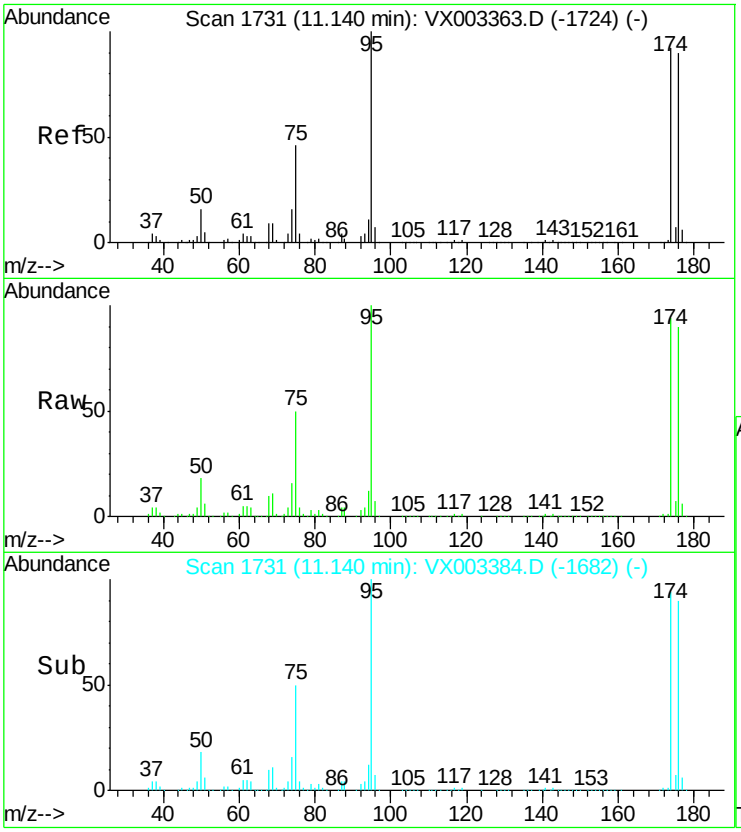


#51
4-Methyl-2-Pentanone
Concen: 0.24 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Tgt Ion: 43 Resp: 1199

Ion	Ratio	Lower	Upper
43	100		
58	38.8	28.6	42.8



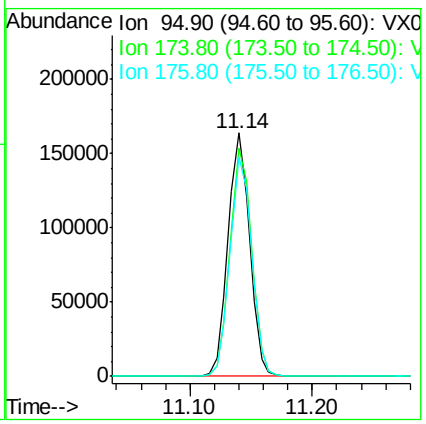


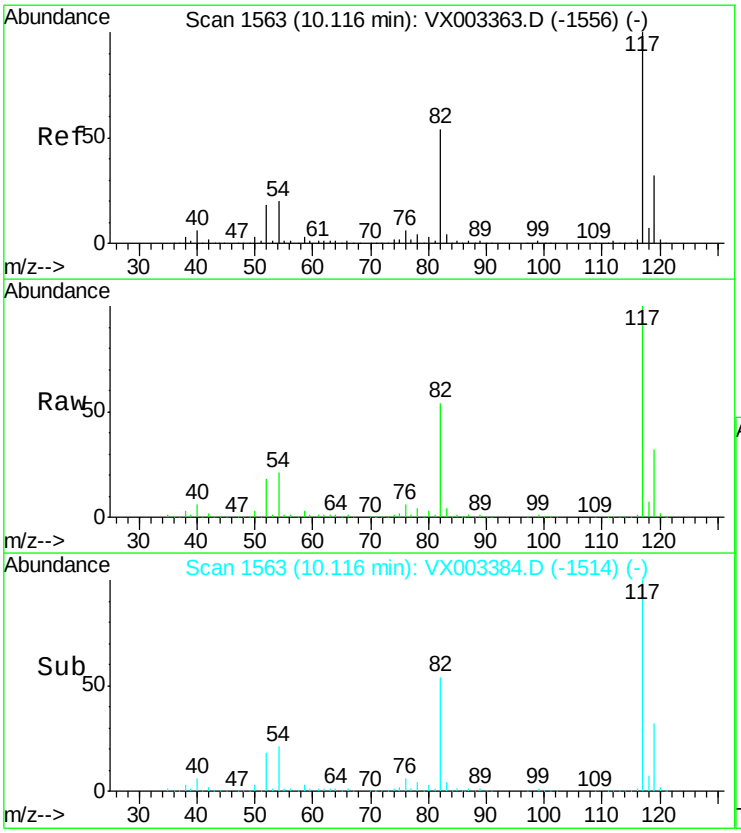
#62
4-Bromofluorobenzene
Concen: 46.31 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Instrument :
MSVOA_X
ClientSampleId :
PB111071TB

Tgt Ion: 95 Resp: 199350

Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	187.4
176	91.1	0.0	181.0

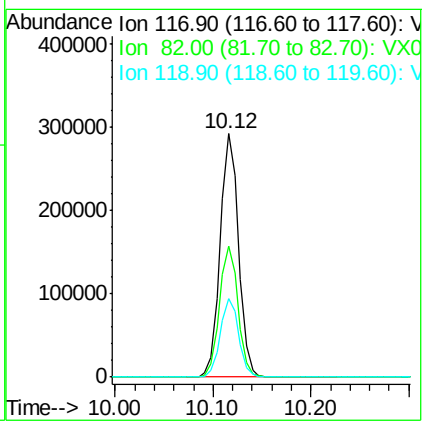


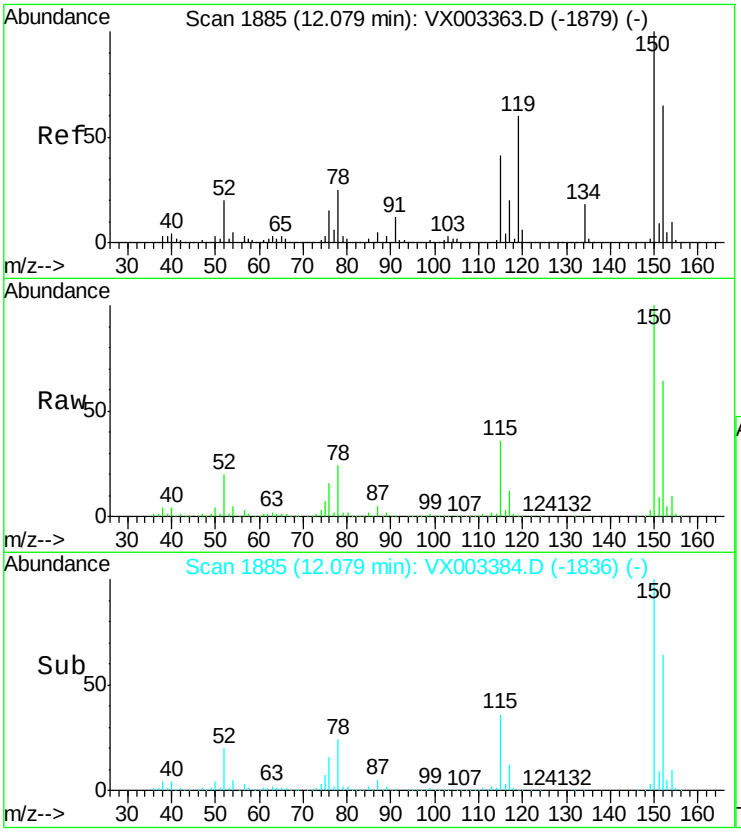


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Tgt Ion:117 Resp: 380535

Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.0	67.4
119	32.1	25.8	38.6



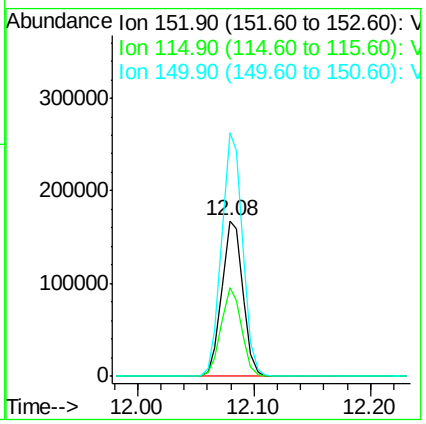


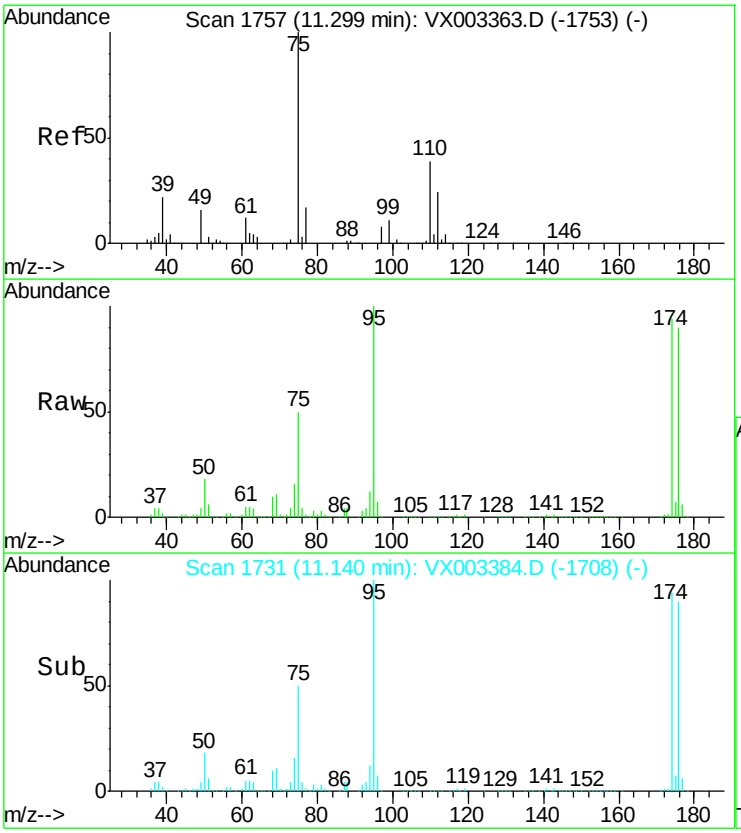
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Instrument : MSVOA_X
ClientSampleId : PB111071TB

Tgt Ion:152 Resp: 209171

Ion	Ratio	Lower	Upper
152	100		
115	55.3	40.1	120.2
150	156.1	0.0	347.2

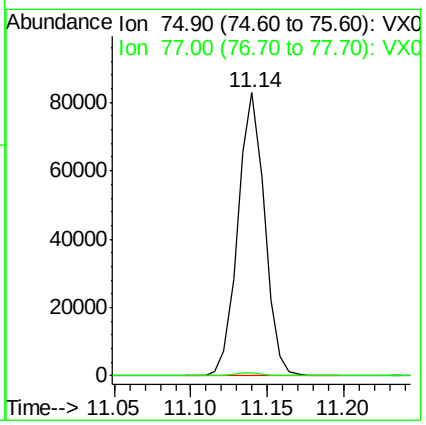


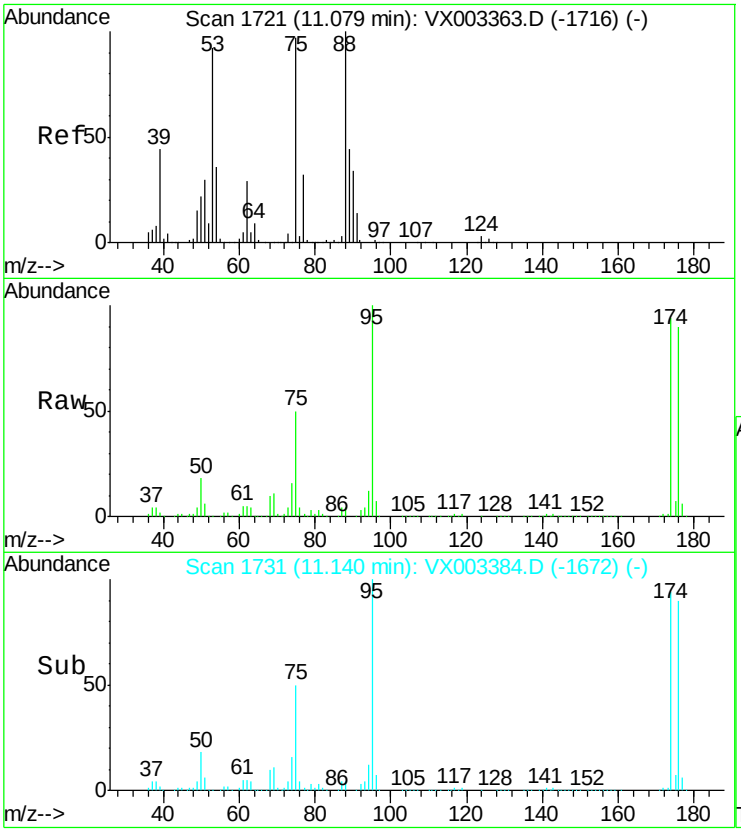


#76
1,2,3-Trichloropropane
Concen: 24.23 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Tgt Ion: 75 Resp: 100139

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#



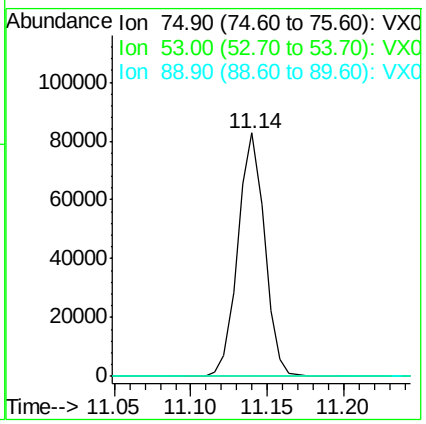


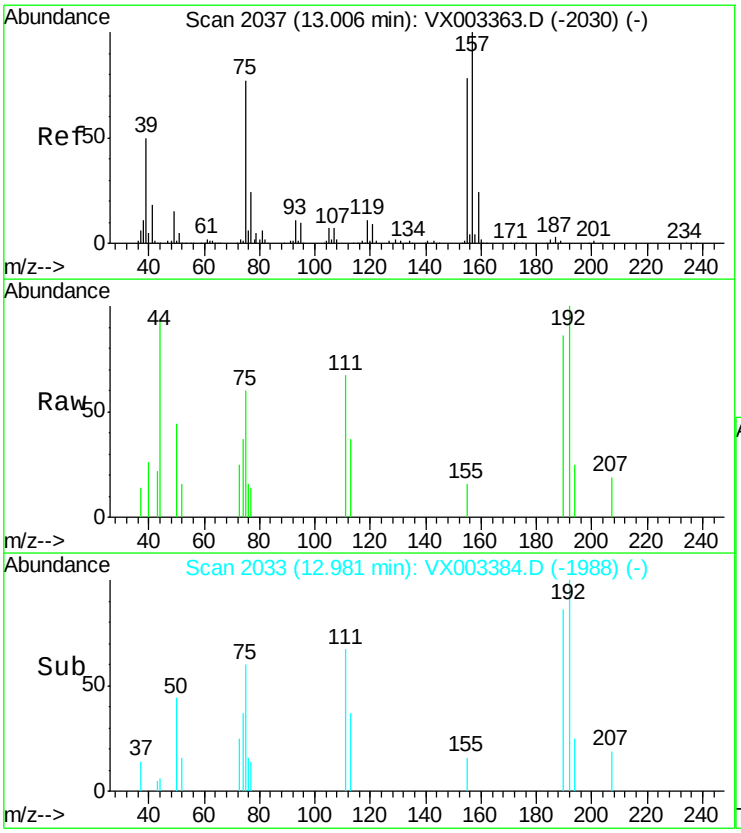
#81
trans-1,4-Dichloro-2-butene
Concen: 80.79 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Instrument :
MSVOA_X
ClientSampleId :
PB111071TB

Tgt Ion: 75 Resp: 100139

Ion	Ratio	Lower	Upper
75	100		
53	0.1	86.8	130.2#
89	0.0	38.2	57.2#

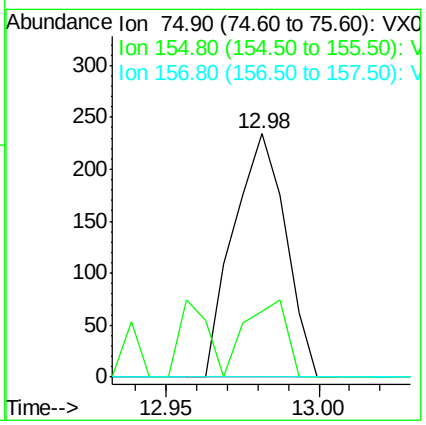


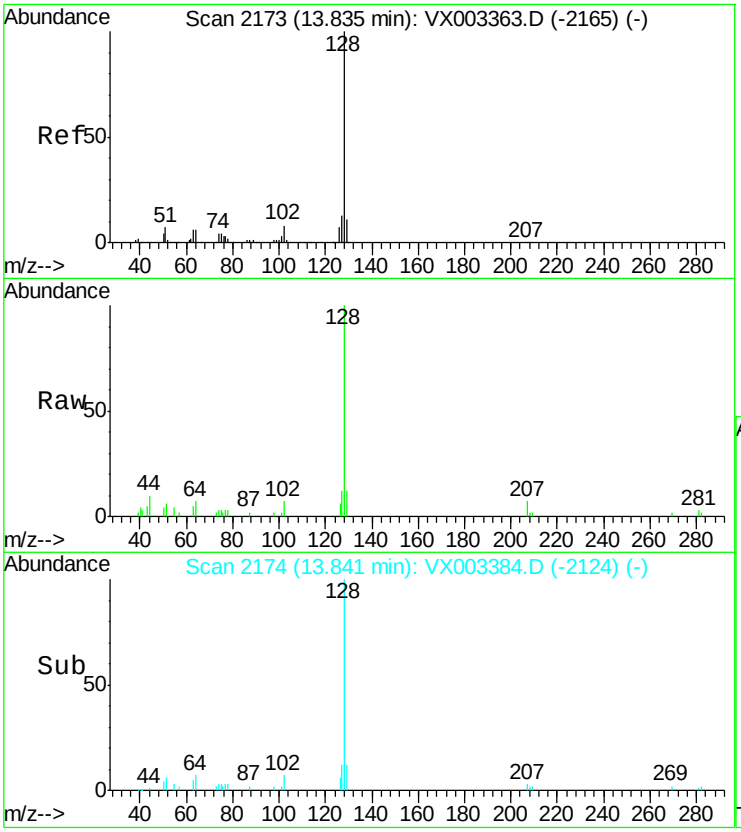


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.29 ug/l
RT: 12.98 min Scan# 2033
Delta R.T. -0.02 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Tgt Ion: 75 Resp: 276

Ion	Ratio	Lower	Upper
75	100		
155	25.0	45.8	137.4#
157	0.0	60.1	180.3#





#95
Naphthalene
Concen: 0.29 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003384.D
Acq: 14 Jul 2018 01:33

Instrument :
MSVOA_X
ClientSampleId :
PB111071TB

Tgt Ion:128 Resp: 4184

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	12.1	8.6	13.0