Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032918\

Quantitation Report (Not Reviewed)

Data File : VX000539.D
Acq On : 30 Mar 2018 03:28
Operator : JC/MD
Sample : J1749-08 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BU-02-032818

Quant Time: Mar 30 07:03:59 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	102755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	188322	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	192875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	102436	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	75560	56.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.66%			
35) Dibromofluoromethane	5.51	113	60267	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.58%			
50) Toluene-d8	8.73	98	243244	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.00%			
62) 4-Bromofluorobenzene	11.15	95	84646	41.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.80%			
Target Compounds						Qvalue
6) Chloroethane	1.72	64	212	Below Cal	#	44
10) Methyl Iodide	2.70	142	20	4.29	ug/l #	37
13) Acrolein	2.34	56	25	14.74	ug/l #	13
16) Acetone	2.45	43	5929	5.31	ug/l #	86
18) Methyl Acetate	2.79	43	671	0.29	ug/l #	51
20) Methylene Chloride	2.87	84	171388	132.99	ug/l	98
25) 2-Butanone	4.72	43	751	0.60	ug/l #	49
28) Bromochloromethane	5.03	49	280	0.31	ug/l #	36
29) Tetrahydrofuran	5.18	42	199	0.26	ug/l #	48
30) Chloroform	5.23	83	1203	0.59	ug/l #	73
31) Cyclohexane	5.67	56	2392	1.41	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	7995	4.53	ug/l #	52
38) Carbon Tetrachloride	5.68	117	9912	5.36	ug/l #	16
43) Isopropyl Acetate	6.49	43	1480	0.41	ug/l #	64
47) Bromodichloromethane	7.90	83	449	0.25	ug/l #	73
51) 4-Methyl-2-Pentanone	8.66	43	903	0.33	ug/l #	37
60) Dibromochloromethane	9.60	129	159	4.20	ug/l #	12
74) N-amyl acetate	6.49	43	1480	Below Cal	#	63
76) 1,2,3-Trichloropropane	11.15	75	50288	22.84	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	50288	73.96	ug/l #	9
95) Naphthalene	13.84	128	17471	2.09	ug/l	98

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

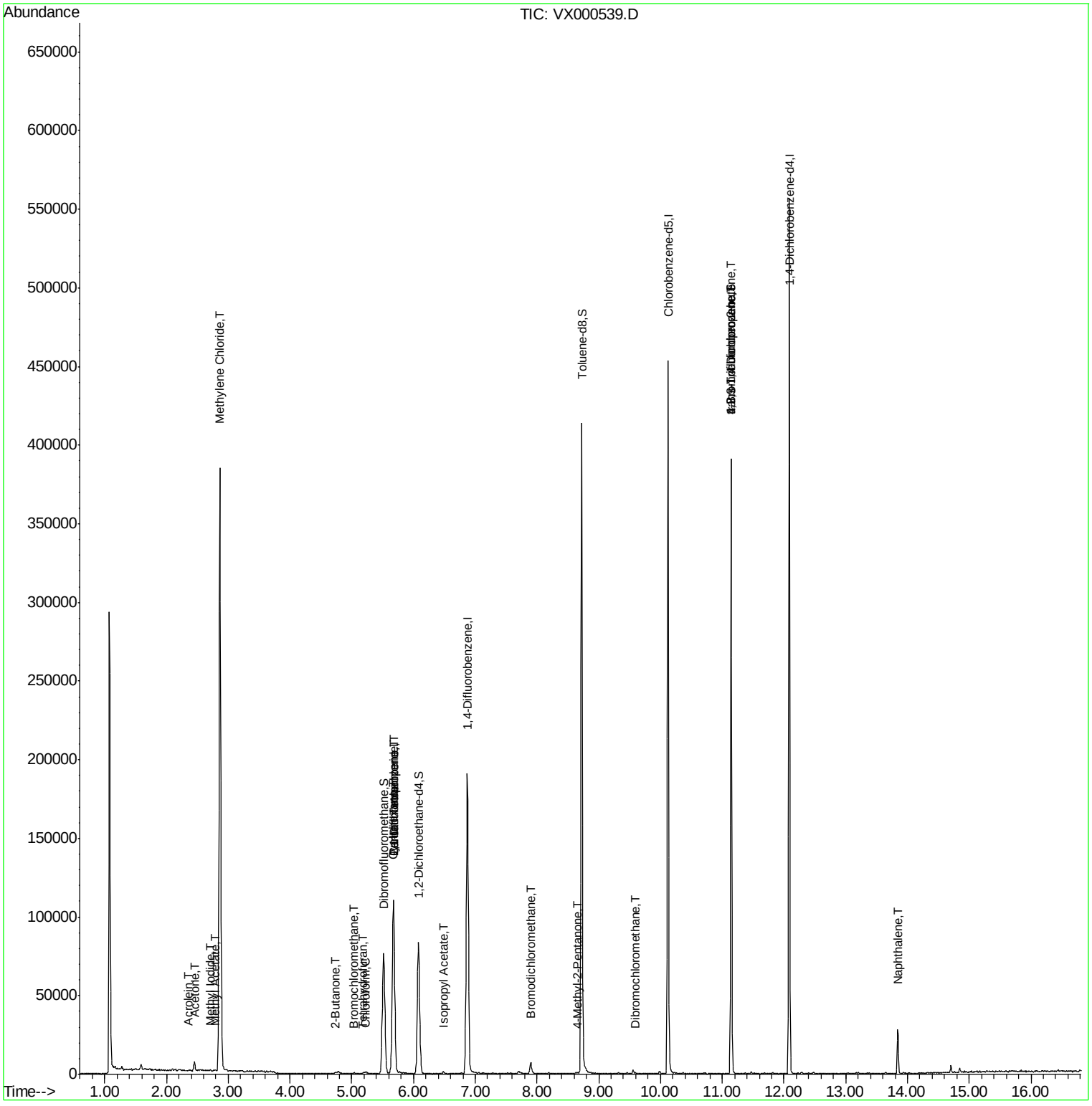
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032918\

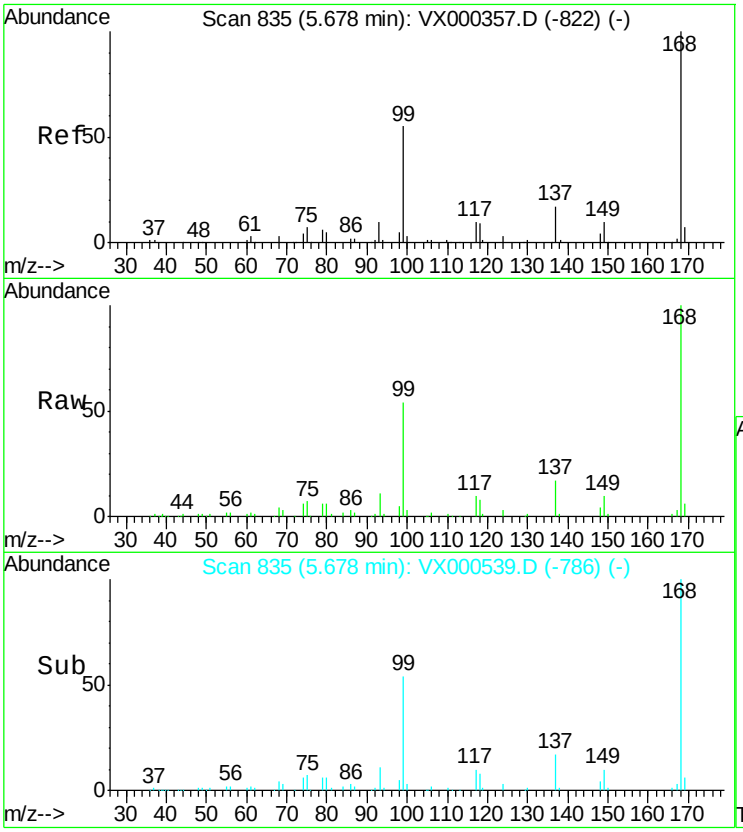
Quantitation Report (Not Reviewed)

Data File : VX000539.D
Acq On : 30 Mar 2018 03:28
Operator : JC/MD
Sample : J1749-08 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BU-02-032818

Quant Time: Mar 30 07:03:59 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration



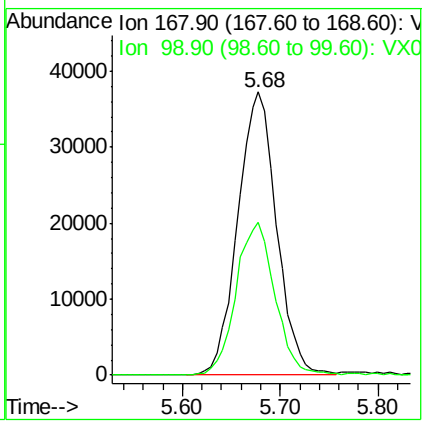


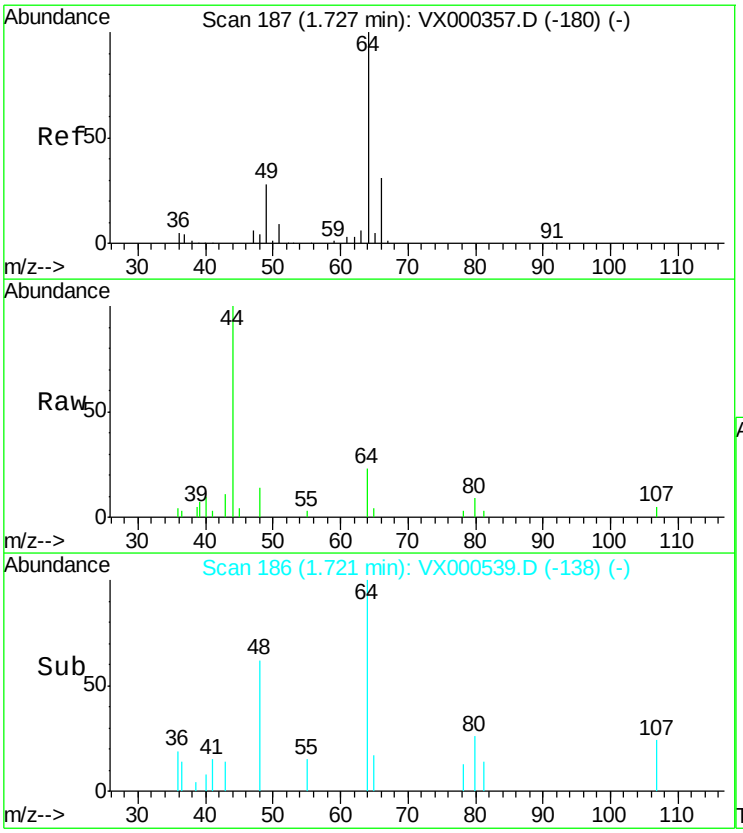
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Instrument :
MSVOA_X
ClientSampleId :
BU-02-032818

Tgt Ion:168 Resp: 102755

Ion	Ratio	Lower	Upper
168	100		
99	53.9	45.8	68.6

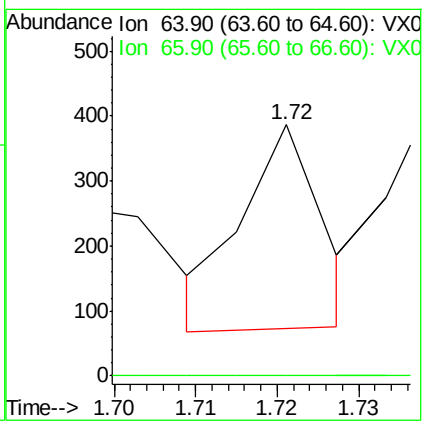


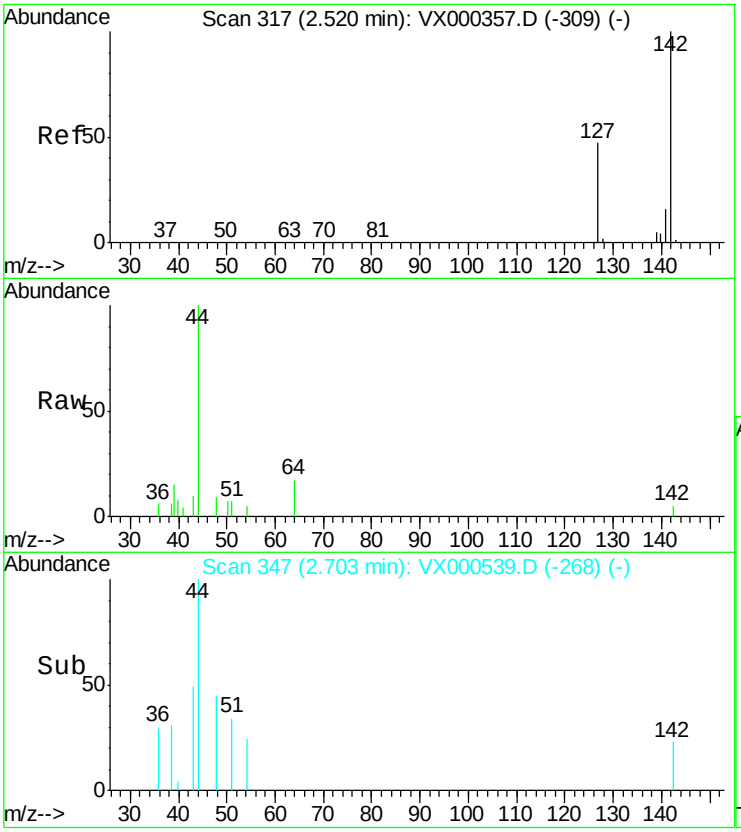


#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Tgt Ion: 64 Resp: 212

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#



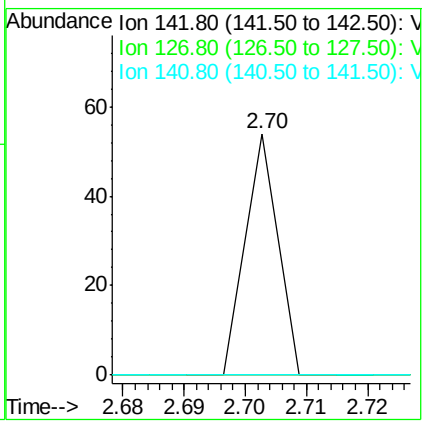


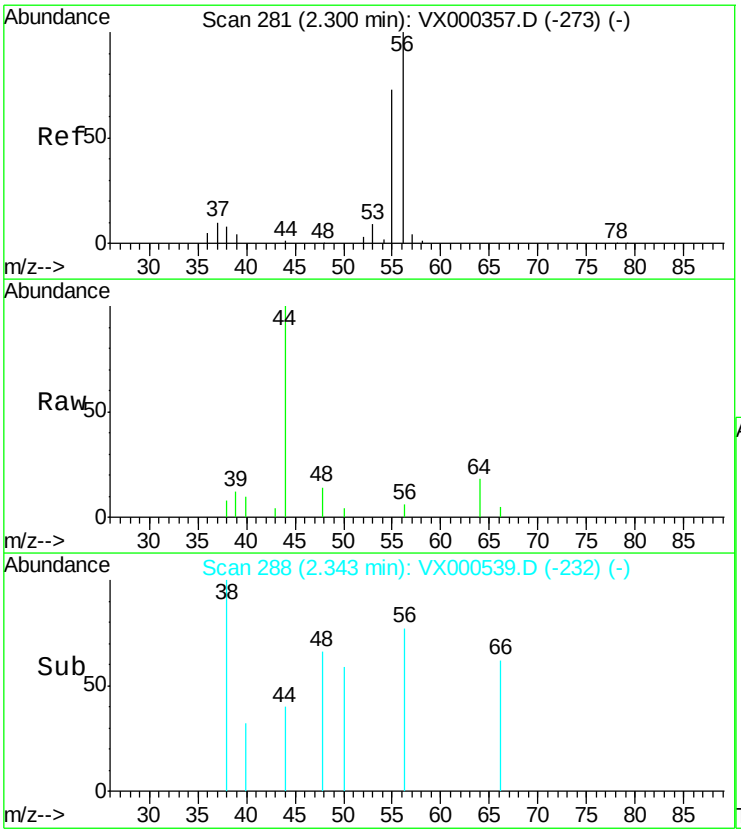
#10
Methyl Iodide
Concen: 4.29 ug/l
RT: 2.70 min Scan# 347
Delta R.T. 0.18 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Instrument : MSVOA_X
ClientSampleId : BU-02-032818

Tgt Ion:142 Resp: 20

Ion	Ratio	Lower	Upper
142	100		
127	0.0	39.2	58.8#
141	0.0	11.7	17.5#

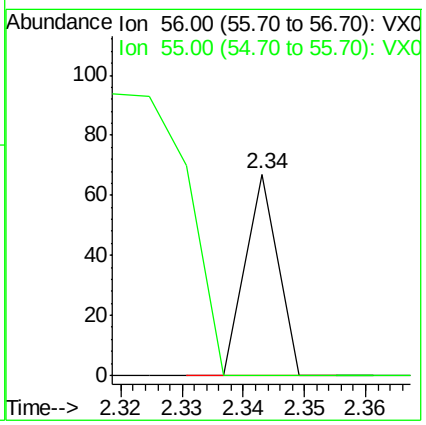


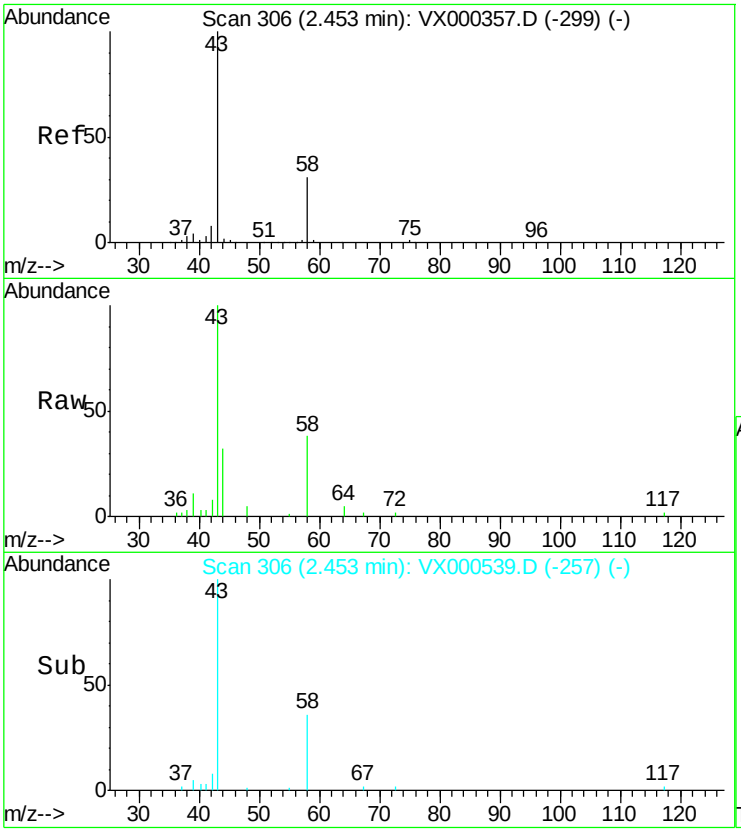


#13
Acrolein
Concen: 14.74 ug/l
RT: 2.34 min Scan# 288
Delta R.T. 0.04 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Tgt Ion: 56 Resp: 25

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.8	88.2#



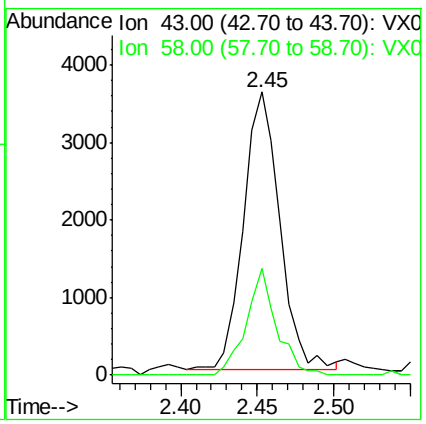


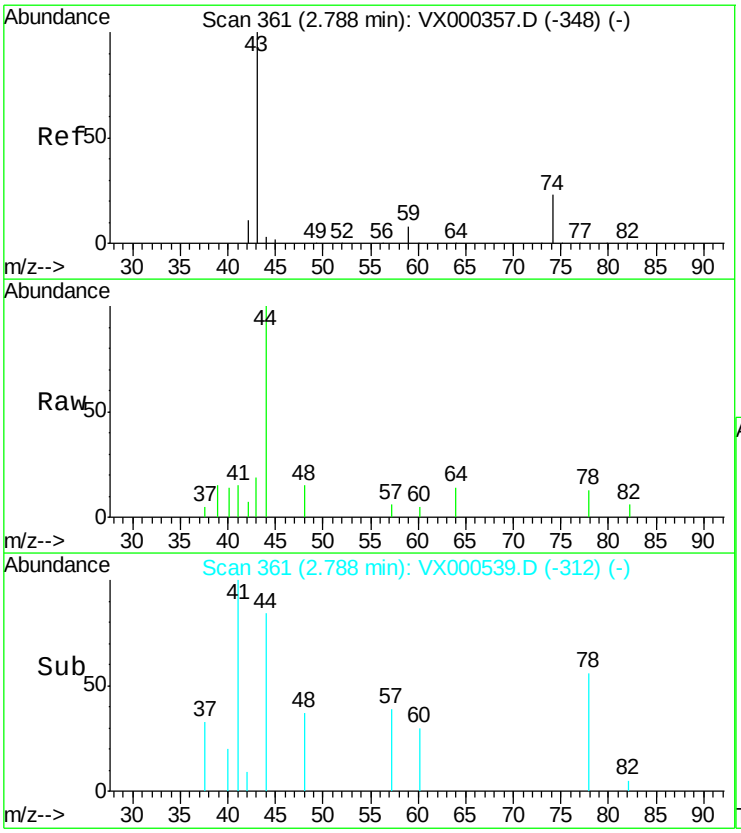
#16
Acetone
Concen: 5.31 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Instrument :
MSVOA_X
ClientSampleId :
BU-02-032818

Tgt Ion: 43 Resp: 5929

Ion	Ratio	Lower	Upper
43	100		
58	38.4	24.7	37.1#

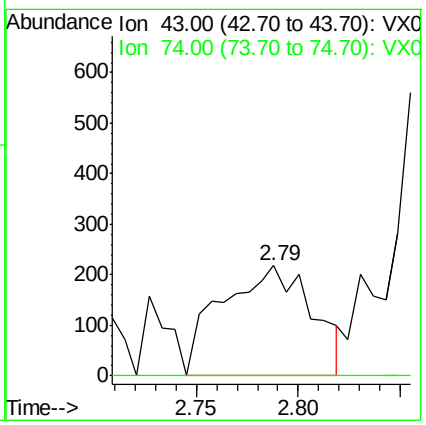


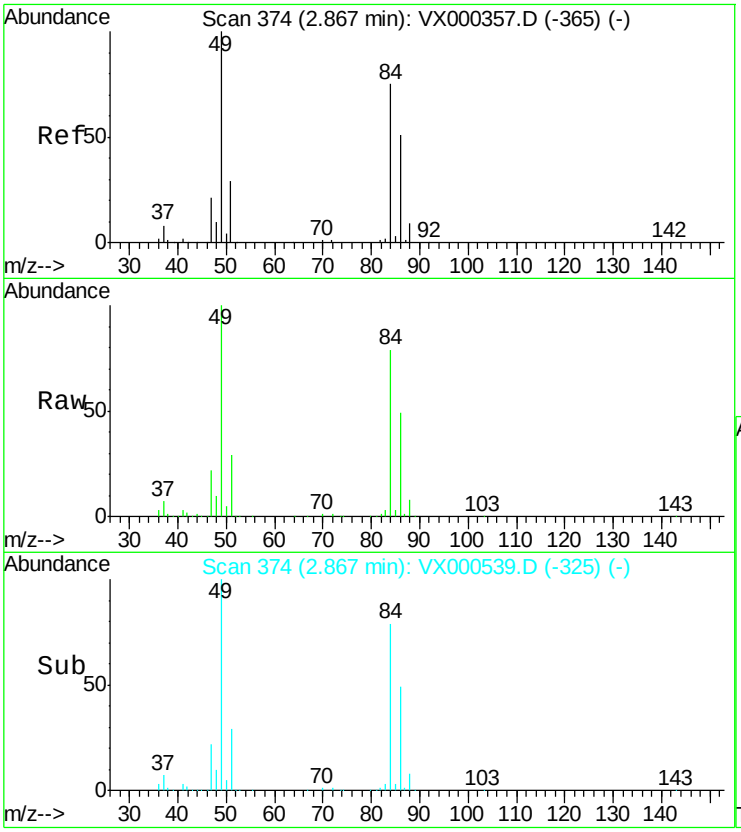


#18
Methyl Acetate
Concen: 0.29 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Tgt Ion: 43 Resp: 671

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.4	29.2#



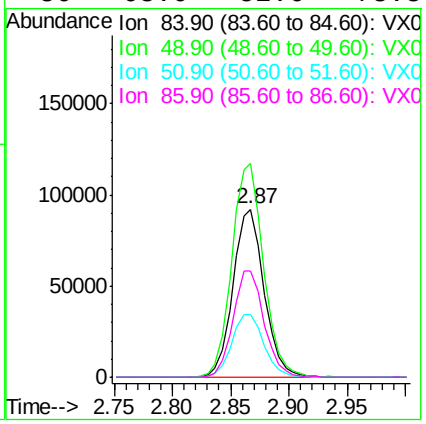


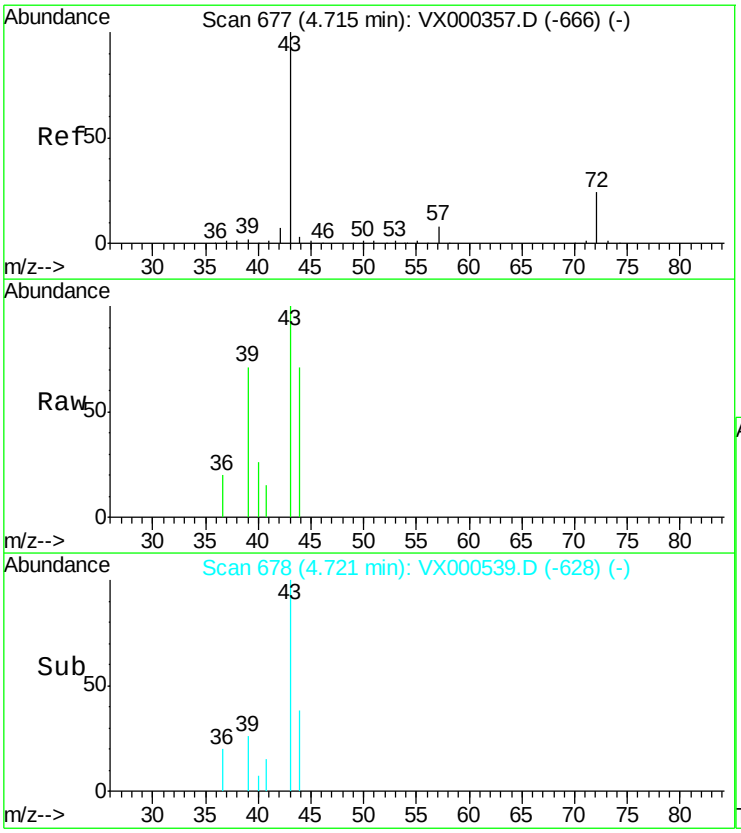
#20
Methylene Chloride
Concen: 132.99 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Instrument :
MSVOA_X
ClientSampleId :
BU-02-032818

Tgt Ion: 84 Resp: 171388

Ion	Ratio	Lower	Upper
84	100		
49	127.3	100.6	151.0
51	37.1	31.6	47.4
86	63.0	52.6	78.8

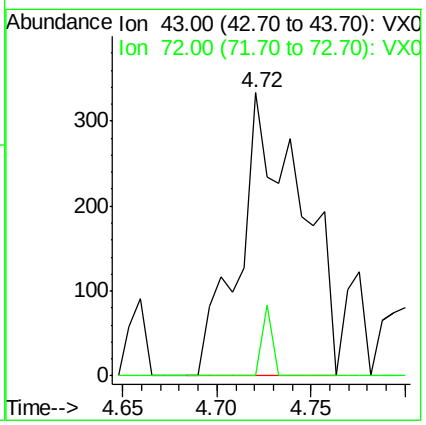


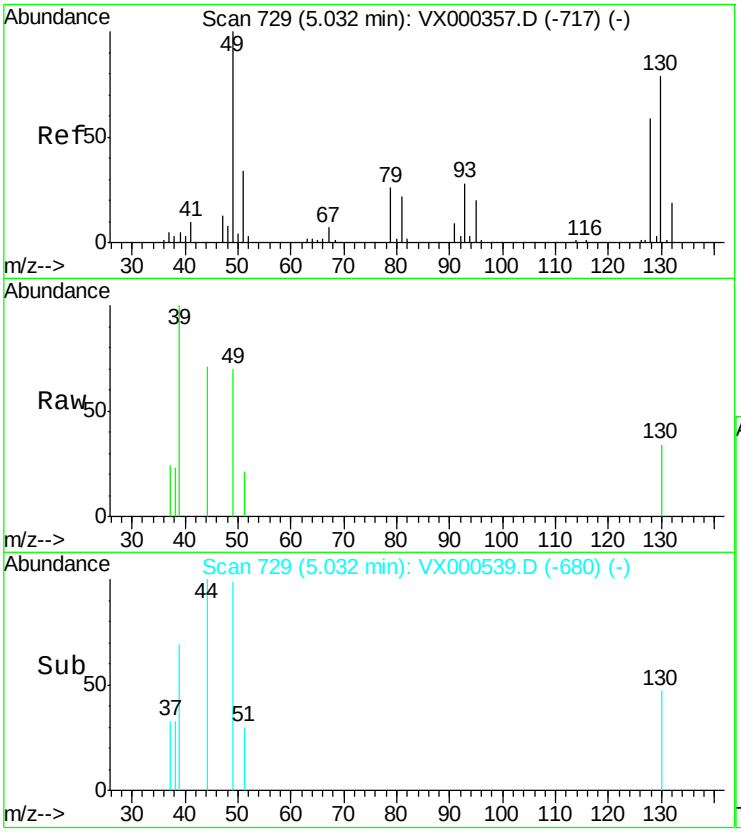


#25
2-Butanone
Concen: 0.60 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Tgt Ion: 43 Resp: 751

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6#



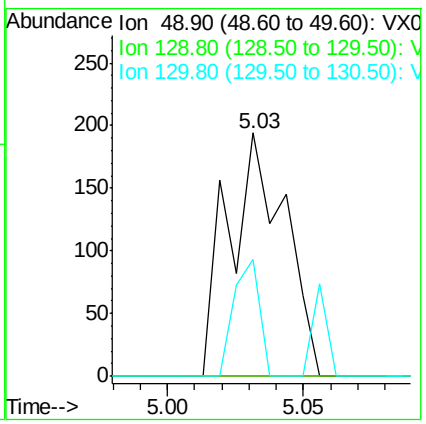


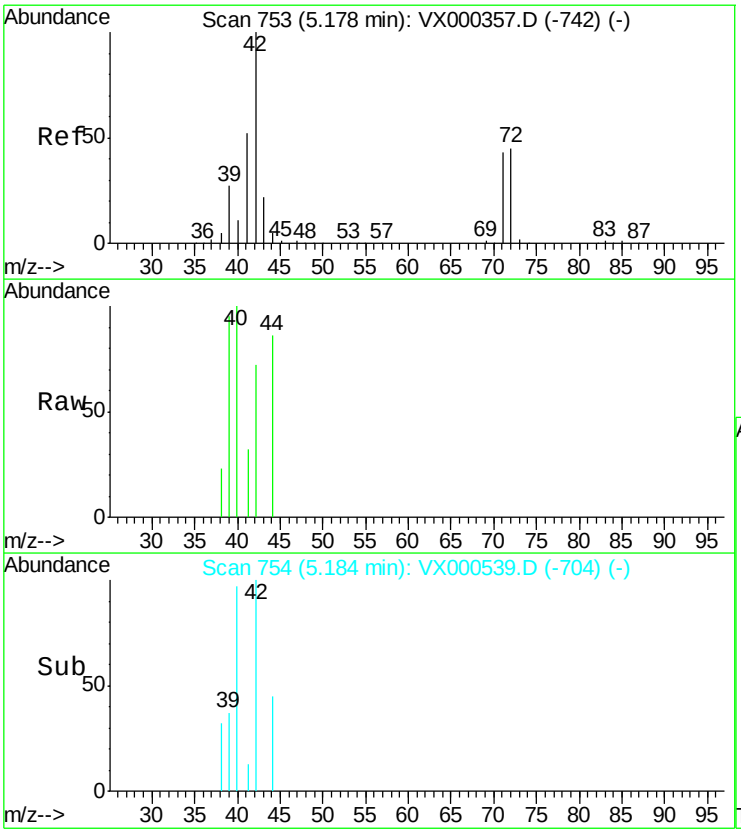
#28
Bromochloromethane
Concen: 0.31 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Instrument :
MSVOA_X
ClientSampleId :
BU-02-032818

Tgt Ion: 49 Resp: 280

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	21.8	64.0	96.0#

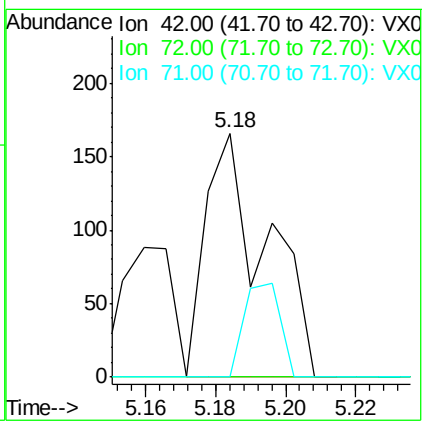


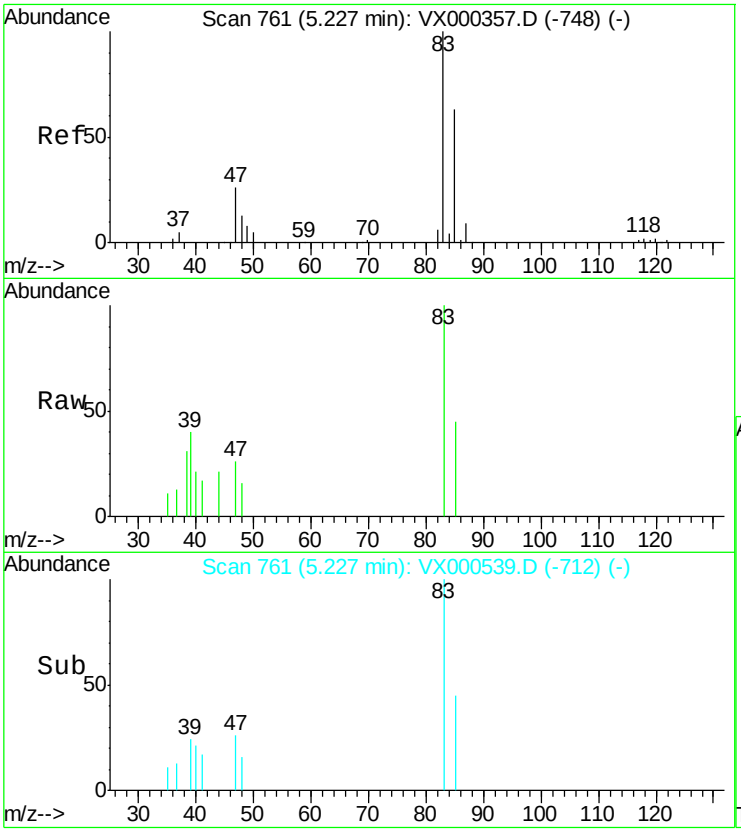


#29
Tetrahydrofuran
Concen: 0.26 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Tgt Ion: 42 Resp: 199

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.9	56.9#
71	22.6	34.4	51.6#



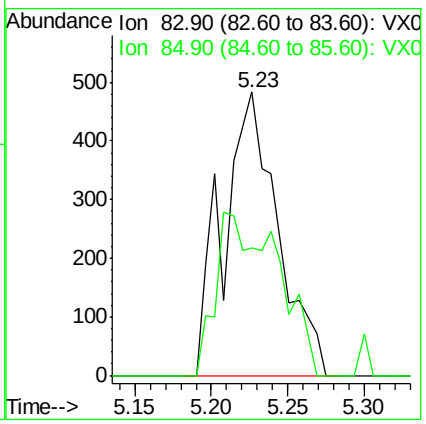


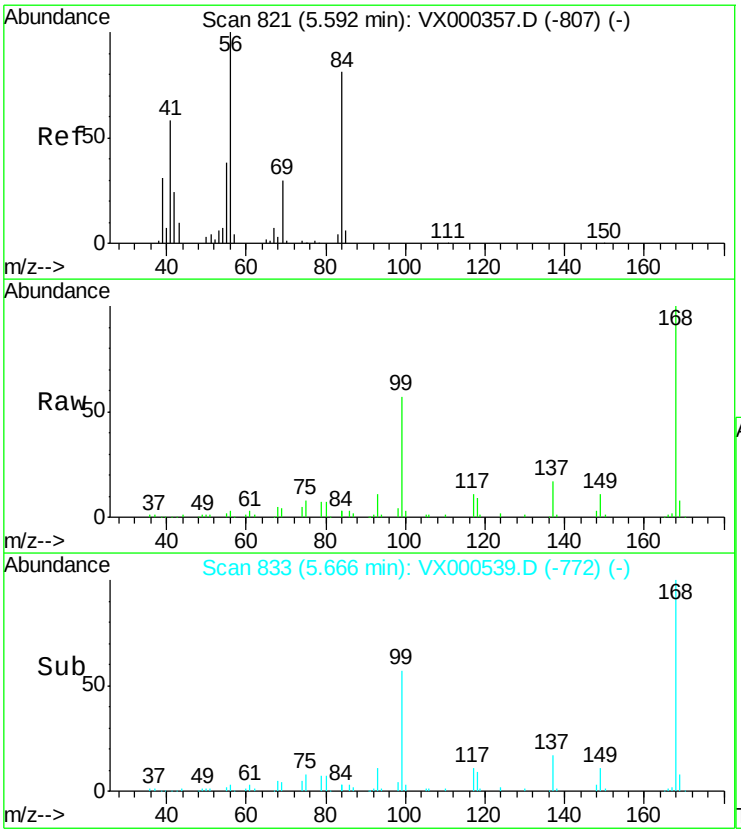
#30
Chloroform
Concen: 0.59 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Instrument : MSVOA_X
ClientSampleId : BU-02-032818

Tgt Ion: 83 Resp: 1203

Ion	Ratio	Lower	Upper
83	100		
85	45.1	53.3	79.9#

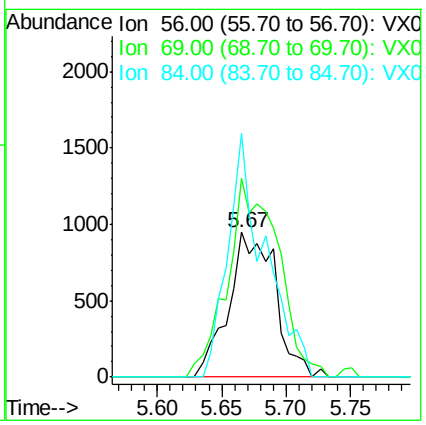


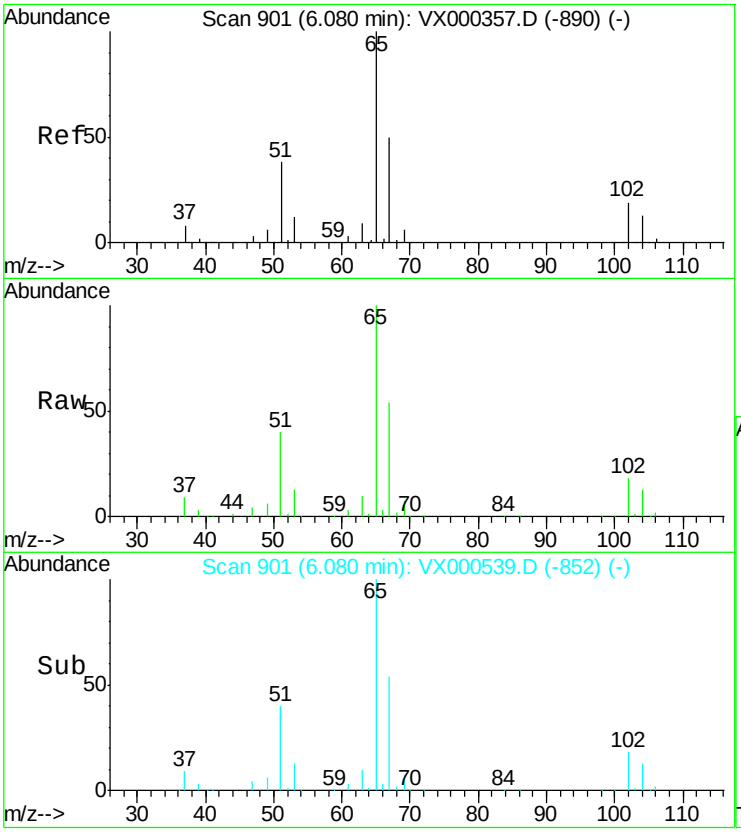


#31
Cyclohexane
Concen: 1.41 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.07 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Tgt Ion: 56 Resp: 2392

Ion	Ratio	Lower	Upper
56	100		
69	137.4	23.4	35.0#
84	168.5	71.0	106.4#



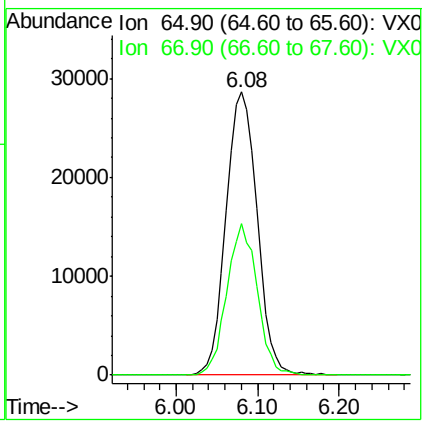


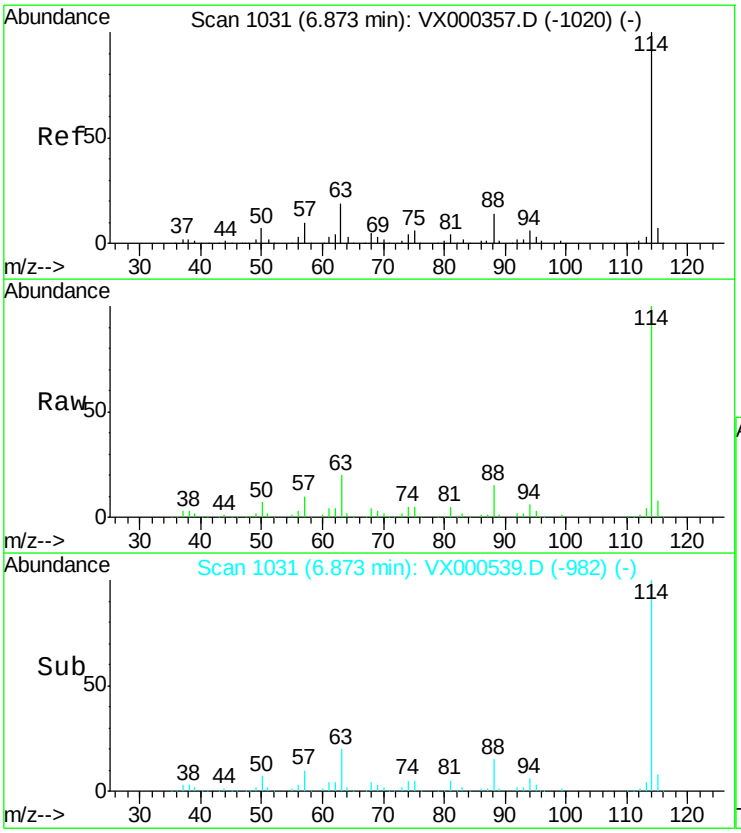
#33
1,2-Dichloroethane-d4
Concen: 56.33 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Instrument :
MSVOA_X
ClientSampleId :
BU-02-032818

Tgt Ion: 65 Resp: 75560

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.2

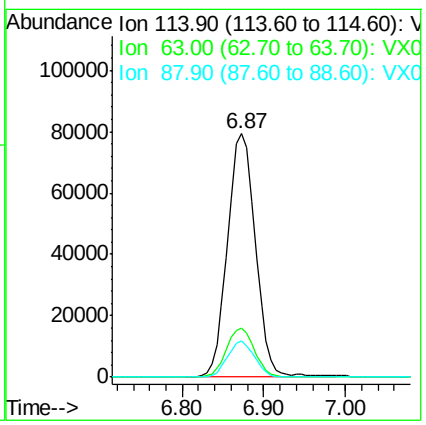


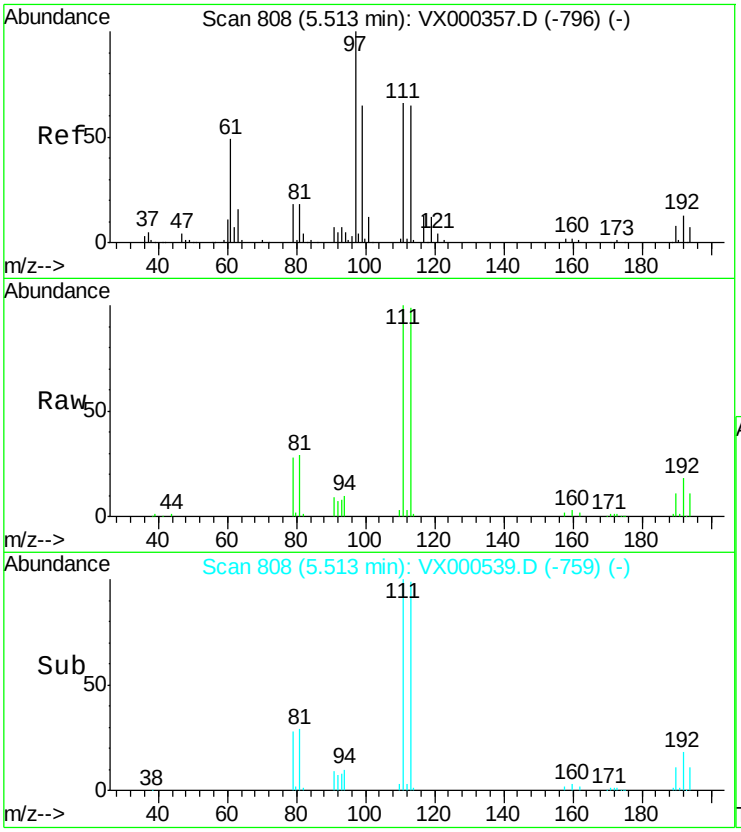


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Tgt Ion:114 Resp: 188322

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	38.4
88	15.1	0.0	27.0



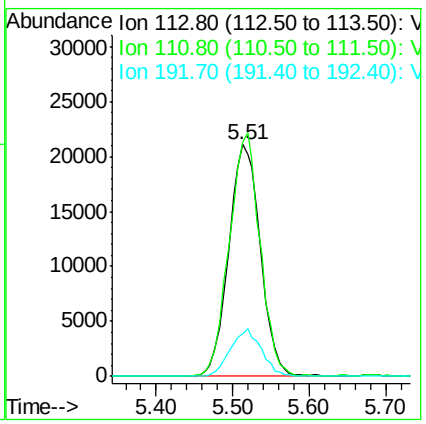


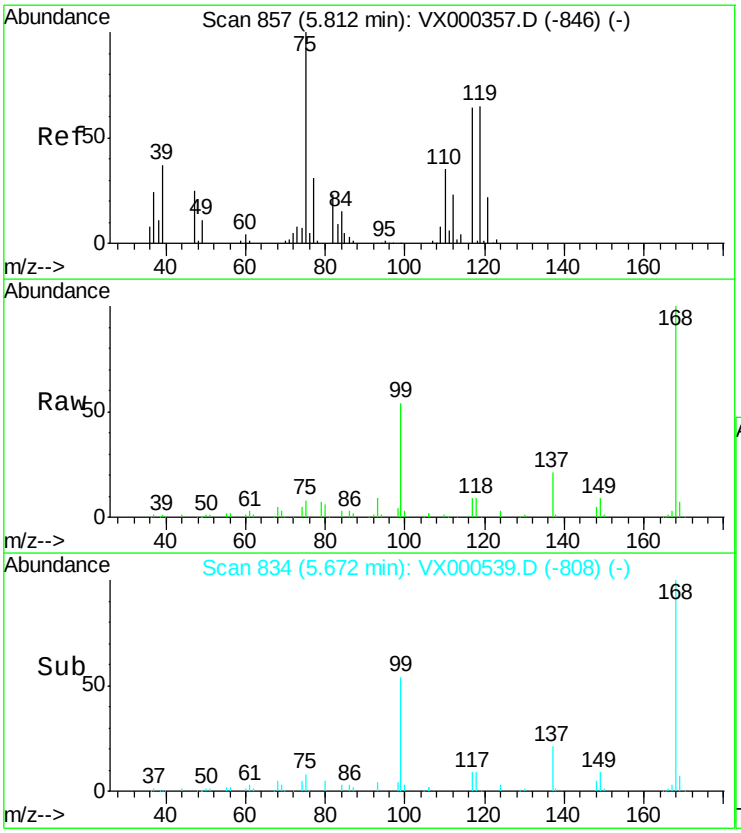
#35
Dibromofluoromethane
Concen: 50.79 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Instrument :
MSVOA_X
ClientSampleId :
BU-02-032818

Tgt Ion:113 Resp: 60267

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	19.9	15.8	23.6

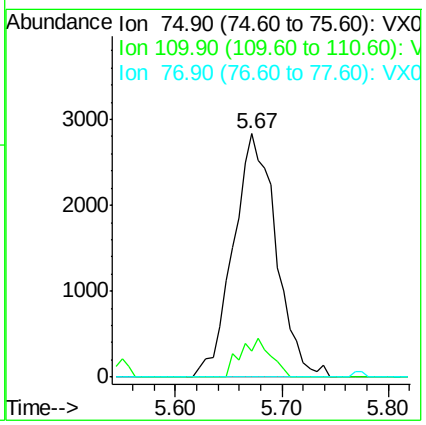


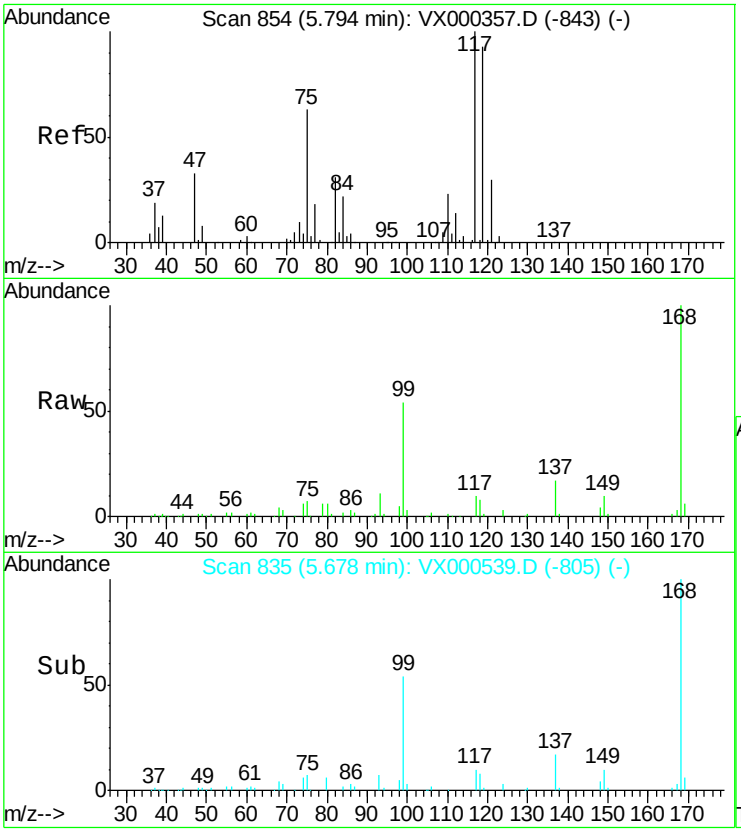


#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.14 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Tgt Ion: 75 Resp: 7995

Ion	Ratio	Lower	Upper
75	100		
110	11.3	17.9	53.7#
77	0.0	24.0	36.0#



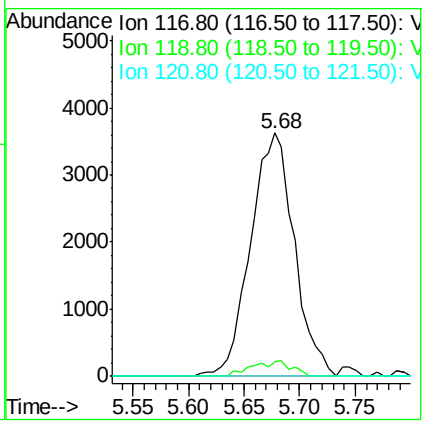


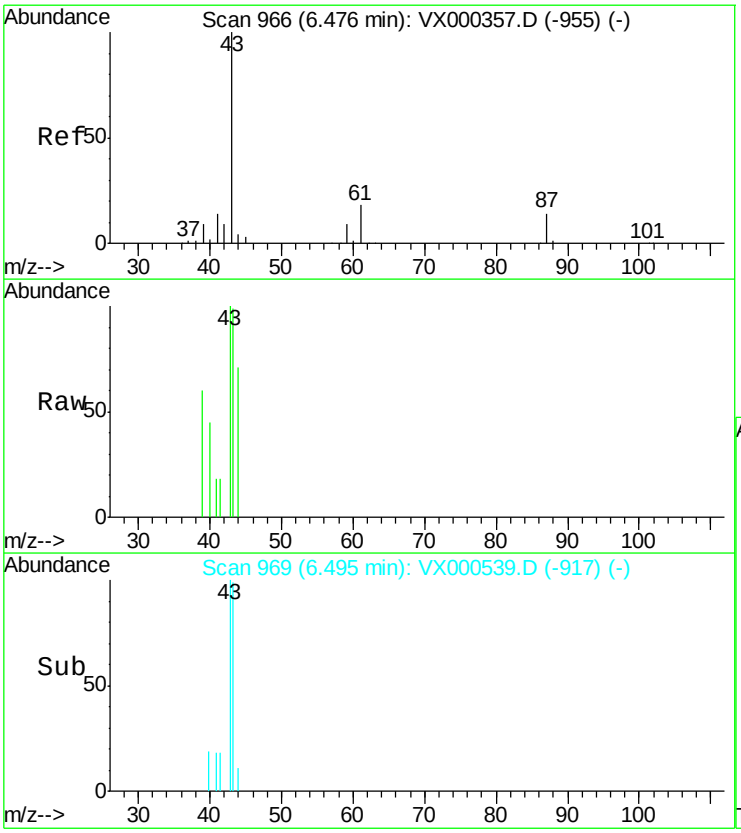
#38
Carbon Tetrachloride
Concen: 5.36 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Instrument :
MSVOA_X
ClientSampleId :
BU-02-032818

Tgt Ion:117 Resp: 9912

Ion	Ratio	Lower	Upper
117	100		
119	6.1	77.4	116.2#
121	0.0	24.8	37.2#

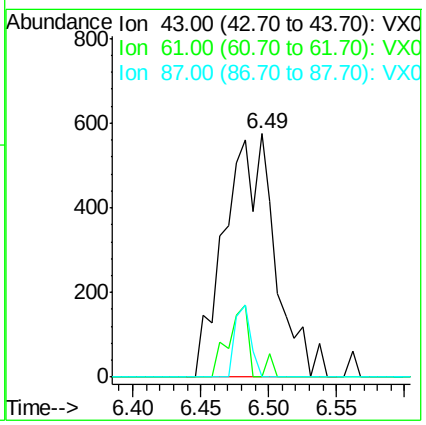


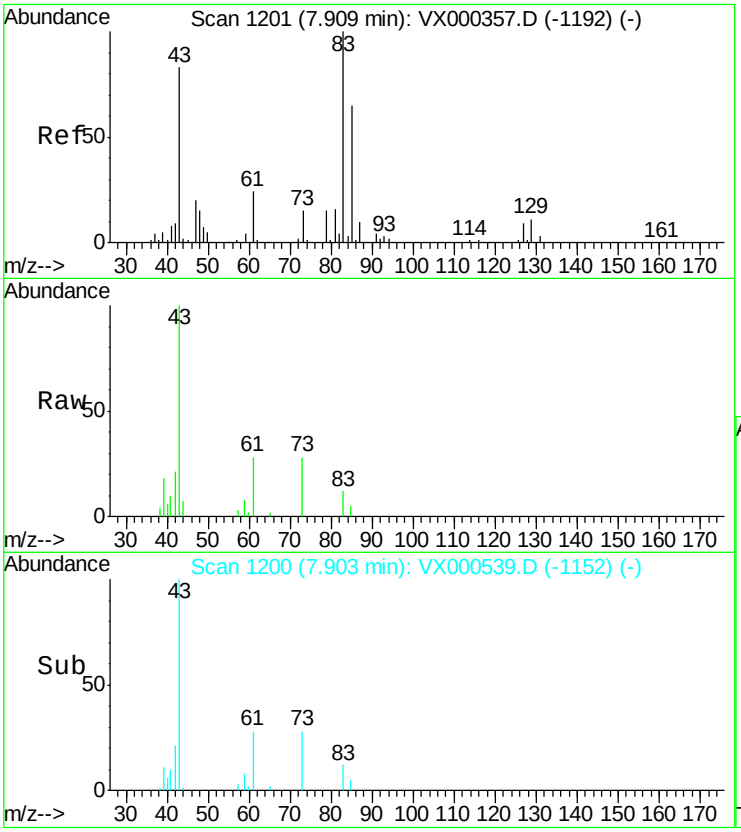


#43
Isopropyl Acetate
Concen: 0.41 ug/l
RT: 6.49 min Scan# 969
Delta R.T. 0.02 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Tgt Ion: 43 Resp: 1480

Ion	Ratio	Lower	Upper
43	100		
61	1.4	14.4	21.6#
87	0.0	11.0	16.4#



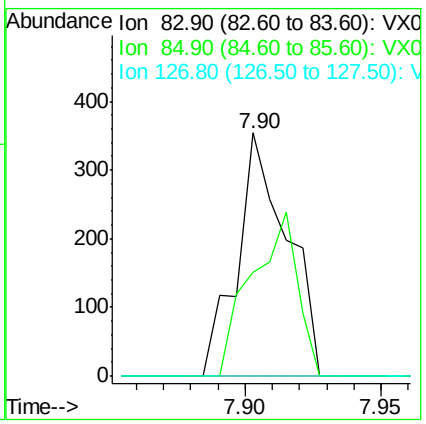


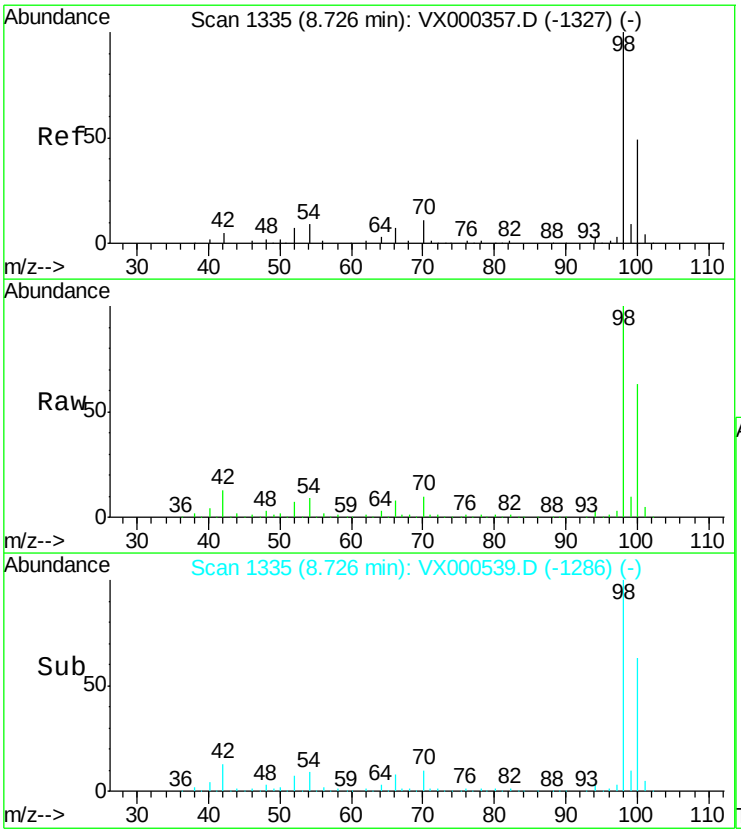
#47
Bromodichloromethane
Concen: 0.25 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Instrument : MSVOA_X
ClientSampleId : BU-02-032818

Tgt Ion: 83 Resp: 449

Ion	Ratio	Lower	Upper
83	100		
85	42.9	51.4	77.0#
127	0.0	7.0	10.6#

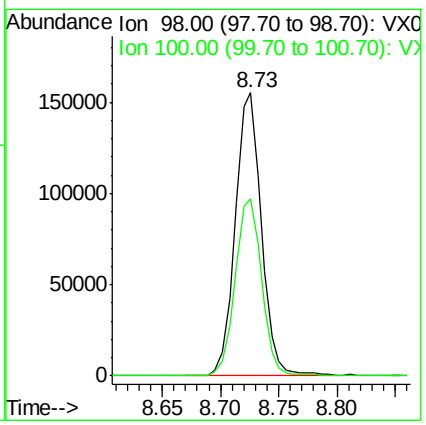


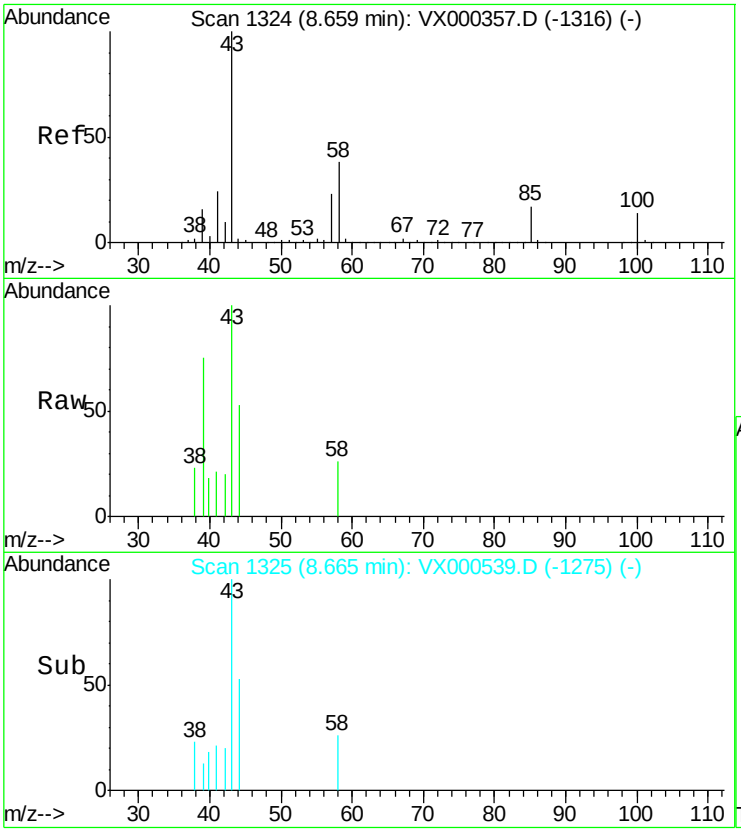


#50
Toluene-d8
Concen: 49.50 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Tgt Ion: 98 Resp: 243244

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8



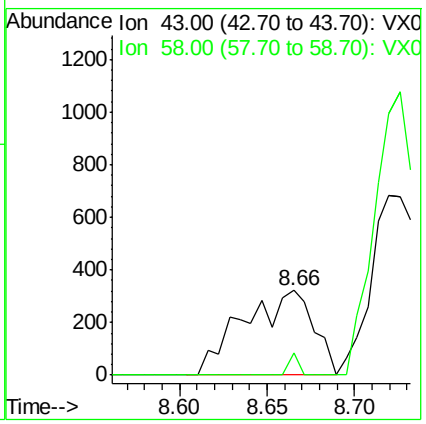


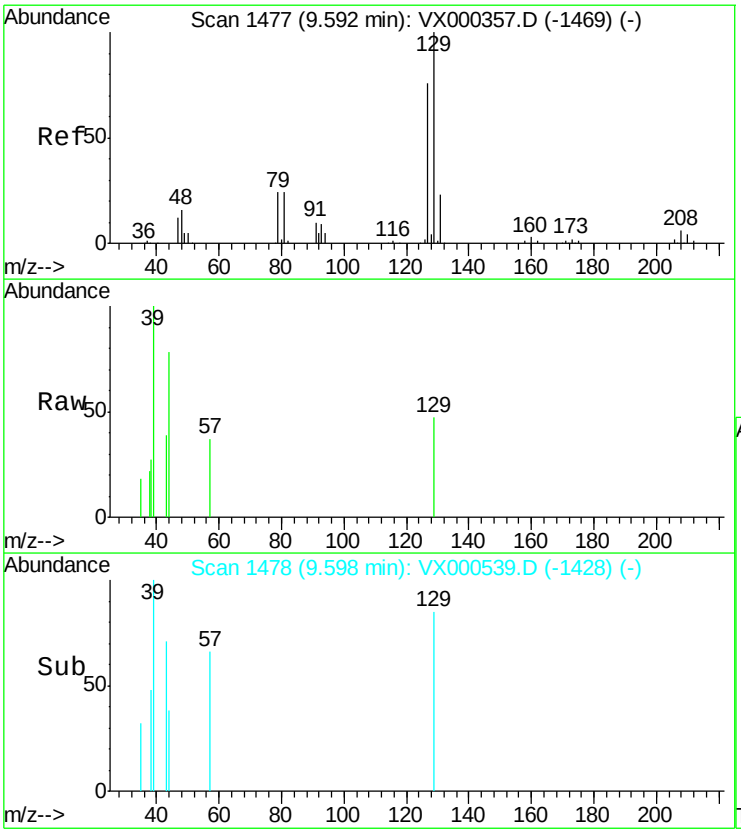
#51
4-Methyl-2-Pentanone
Concen: 0.33 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Instrument :
MSVOA_X
ClientSampleId :
BU-02-032818

Tgt Ion: 43 Resp: 903

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.3	45.5#

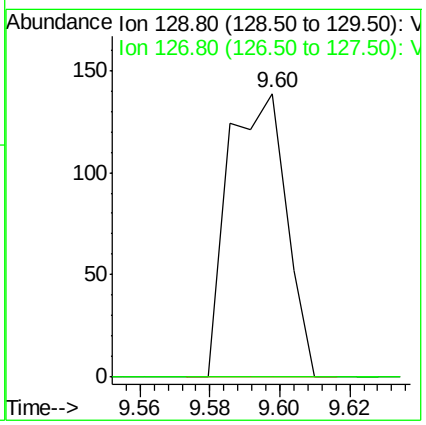


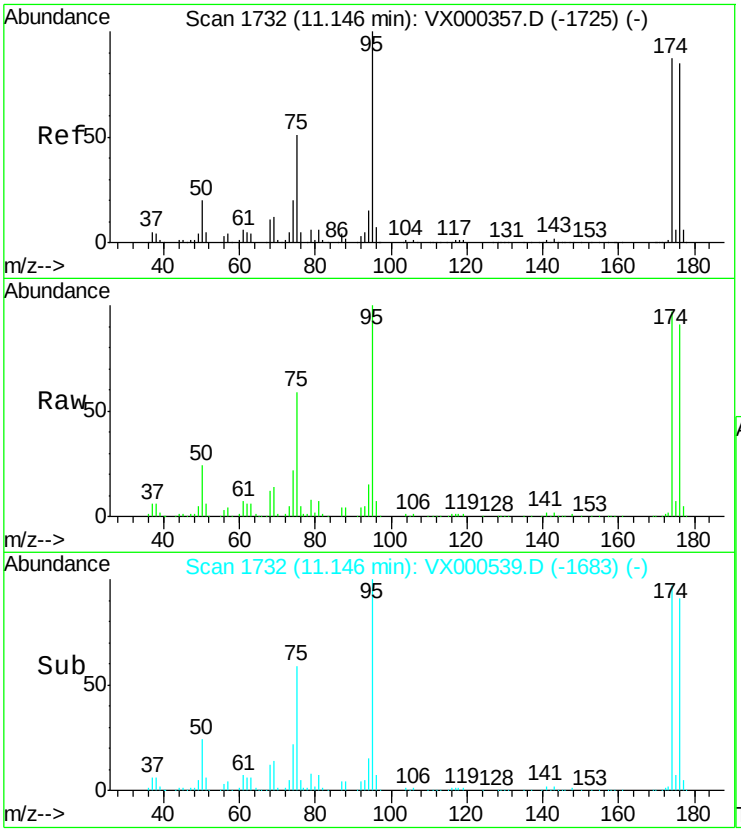


#60
Dibromochloromethane
Concen: 4.20 ug/l
RT: 9.60 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Tgt Ion:129 Resp: 159

Ion	Ratio	Lower	Upper
129	100		
127	0.0	37.9	113.6#



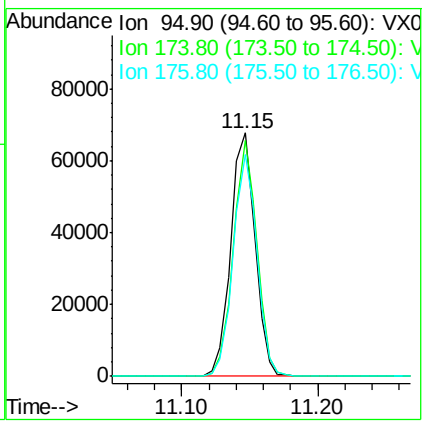


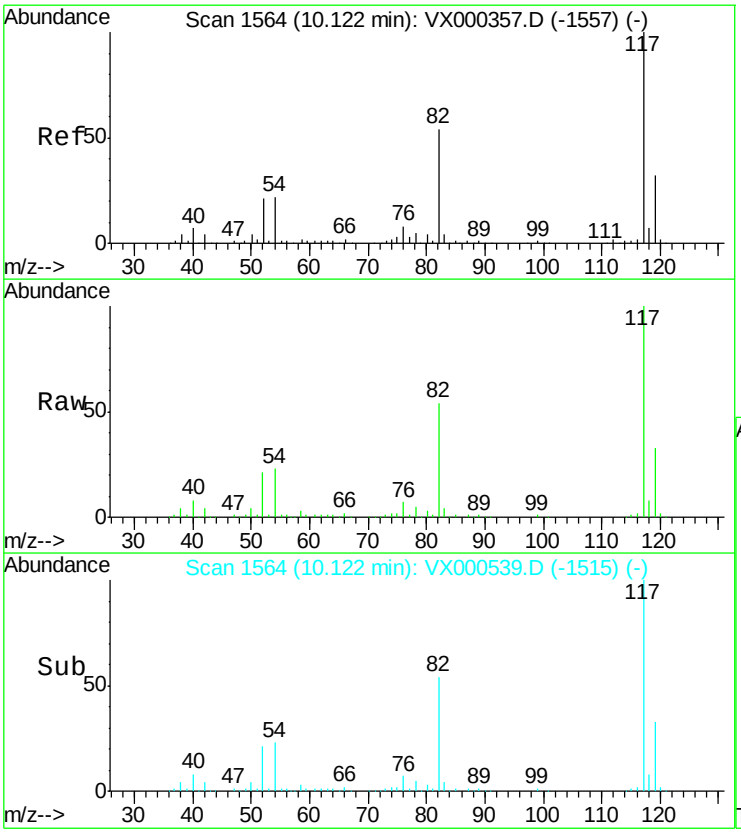
#62
4-Bromofluorobenzene
Concen: 41.90 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Instrument : MSVOA_X
ClientSampleId : BU-02-032818

Tgt Ion: 95 Resp: 84646

Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	173.6
176	89.1	0.0	164.6

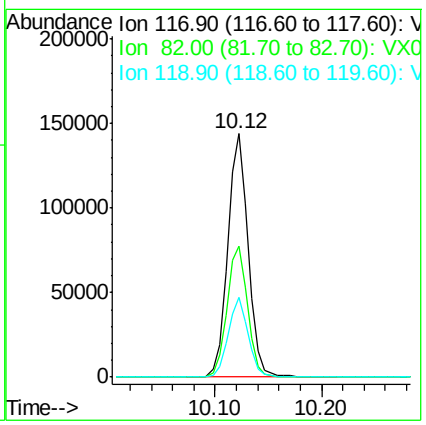


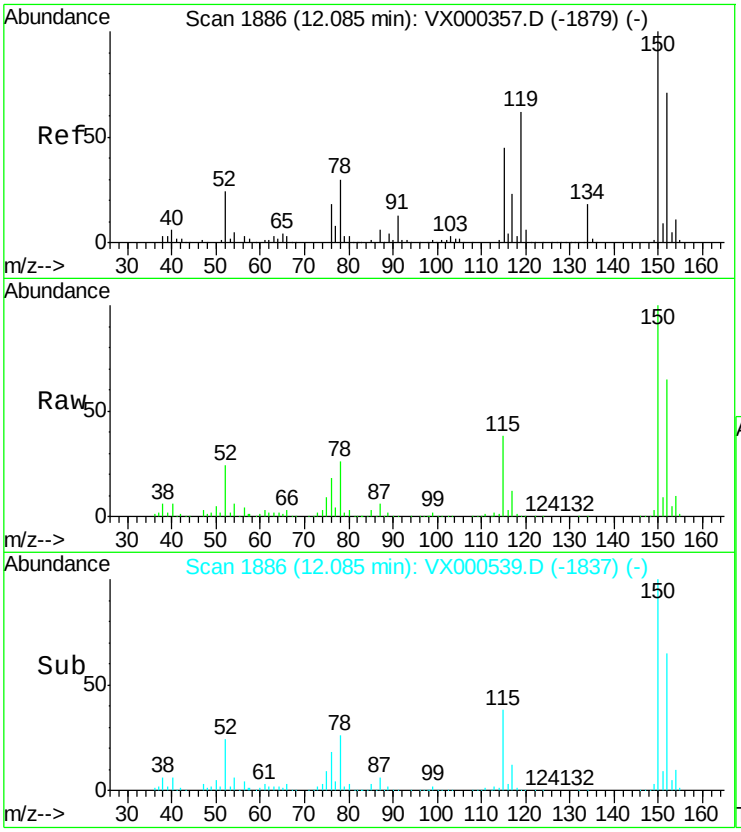


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Tgt Ion:117 Resp: 192875

Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.8	65.8
119	32.8	24.9	37.3



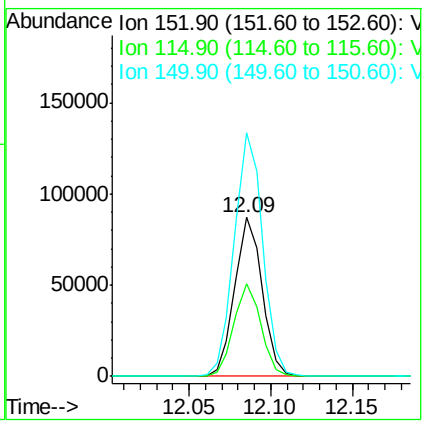


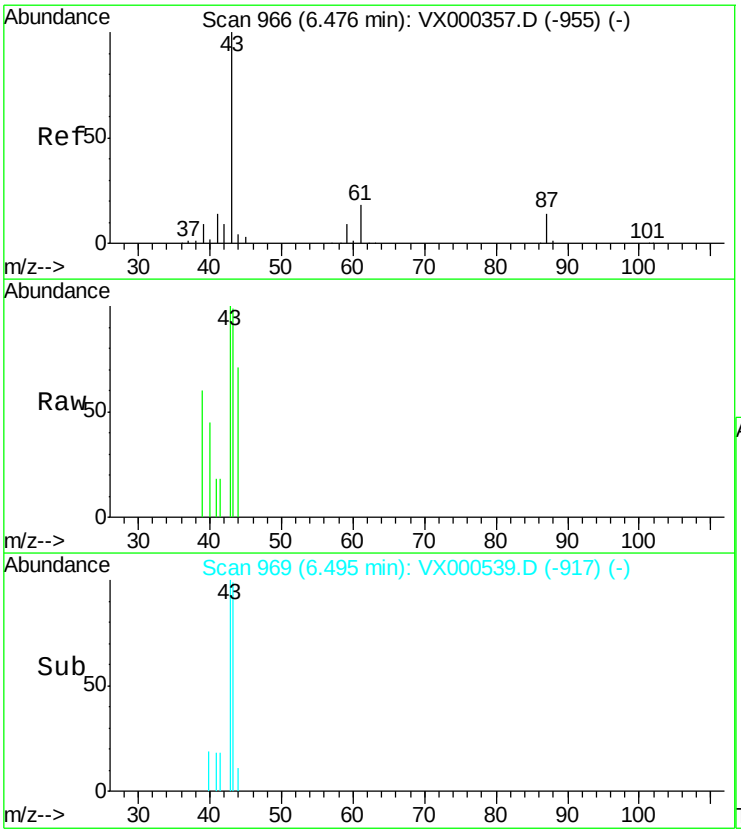
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Instrument :
MSVOA_X
ClientSampleId :
BU-02-032818

Tgt Ion:152 Resp: 102436

Ion	Ratio	Lower	Upper
152	100		
115	57.1	39.8	119.3
150	158.3	0.0	344.4

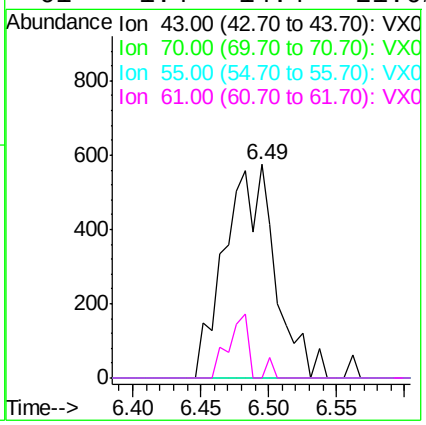


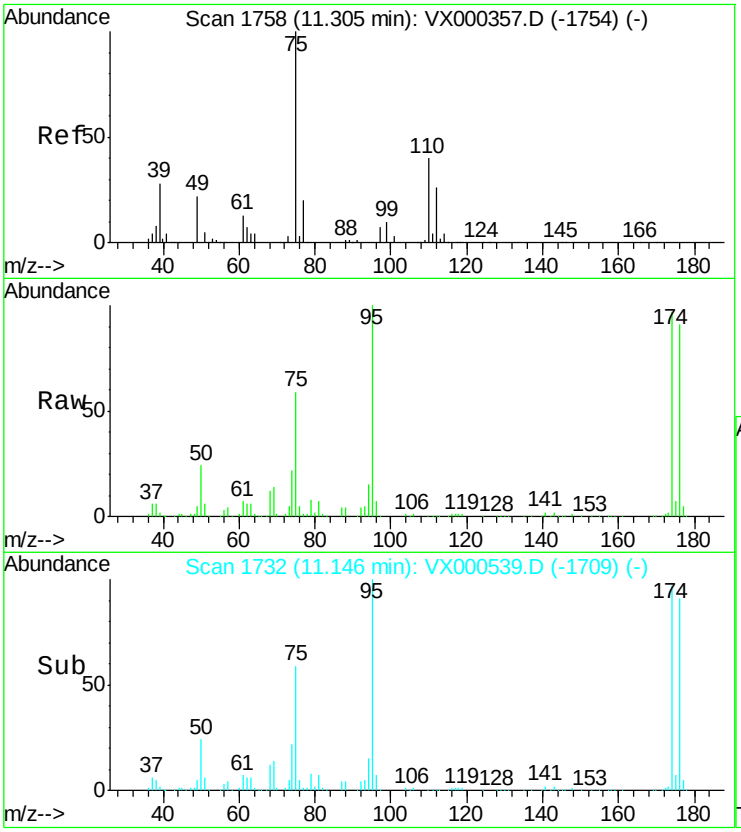


#74
N-amyl acetate
Concen: Below Cal
RT: 6.49 min Scan# 969
Delta R.T. 0.02 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Tgt Ion: 43 Resp: 1480

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	1.4	14.4	21.6#



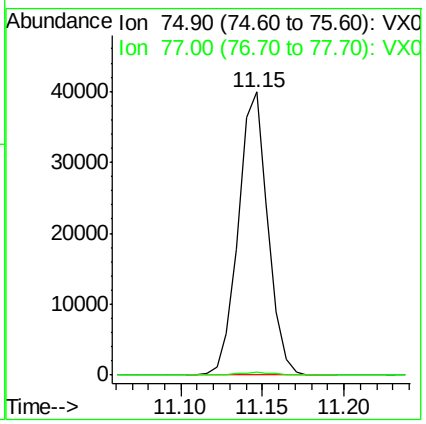


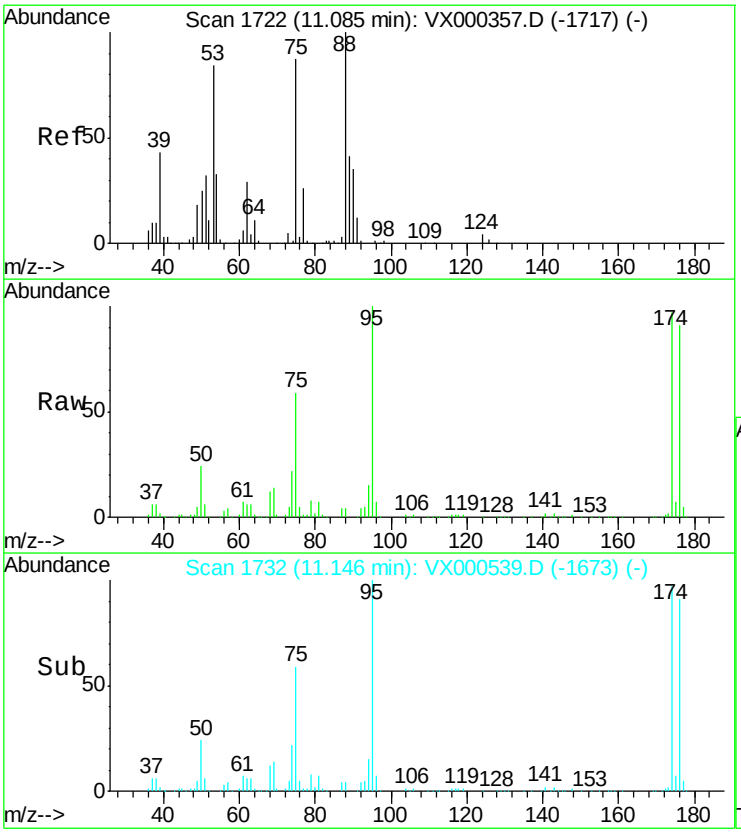
#76
1,2,3-Trichloropropane
Concen: 22.84 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Instrument :
MSVOA_X
ClientSampleId :
BU-02-032818

Tgt Ion: 75 Resp: 50288

Ion	Ratio	Lower	Upper
75	100		
77	1.1	21.4	64.2#

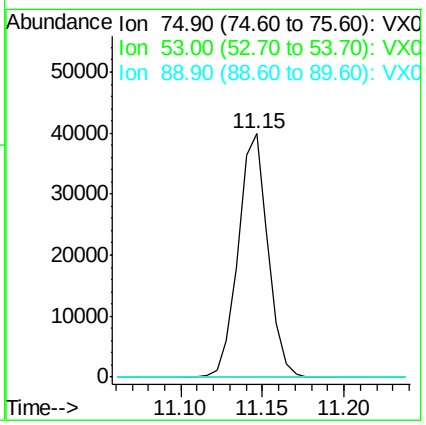


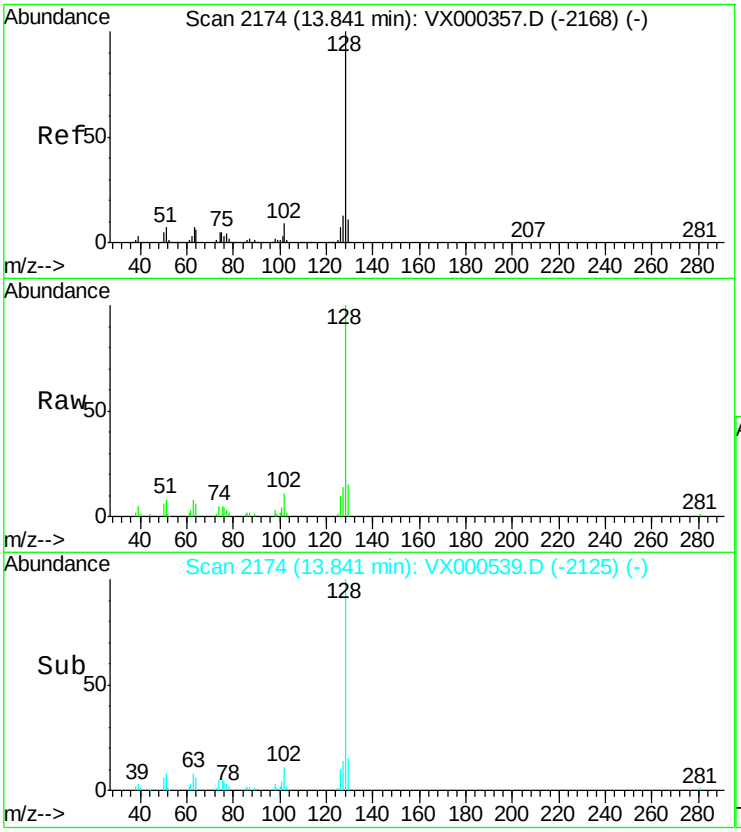


#81
trans-1,4-Dichloro-2-butene
Concen: 73.96 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Tgt Ion: 75 Resp: 50288

Ion	Ratio	Lower	Upper
75	100		
53	0.0	80.7	121.1#
89	0.1	39.4	59.0#





#95
Naphthalene
Concen: 2.09 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000539.D
Acq: 30 Mar 2018 03:28

Instrument :
MSVOA_X
ClientSampleId :
BU-02-032818

Tgt Ion:128 Resp: 17471

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	10.2	8.9	13.3