Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070518\
Data File : VX003182.D
Acq On : 05 Jul 2018 19:40
Operator : JC/MD
Sample : J3820-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BU-03-070318

Quant Time: Jul 06 01:05:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	279507	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	387382	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	361449	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211685	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	179433	46.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.88%				
35) Dibromofluoromethane	5.51	113	148695	48.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.94%				
50) Toluene-d8	8.72	98	545581	48.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.40%				
62) 4-Bromofluorobenzene	11.14	95	194512	45.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.04%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	161	Below Cal		#	43
3) Chloromethane	1.33	50	537	Below Cal		#	88
5) Bromomethane	1.65	94	1193	Below Cal			100
6) Chloroethane	1.86	64	1073	Below Cal		#	50
10) Methyl Iodide	2.52	142	1776	6.72	ug/l	#	85
11) Tert butyl alcohol	3.02	59	1978	2.57	ug/l	#	90
13) Acrolein	2.31	56	286	4.89	ug/l	#	80
14) Allyl chloride	2.78	41	1104	0.20	ug/l	#	40
16) Acetone	2.45	43	17452	10.91	ug/l		99
17) Carbon Disulfide	2.57	76	2257	0.31	ug/l		98
18) Methyl Acetate	2.78	43	23893	5.34	ug/l		97
20) Methylene Chloride	2.86	84	876100	281.39	ug/l		94
25) 2-Butanone	4.72	43	5192	2.19	ug/l		92
29) Tetrahydrofuran	5.19	42	2015	1.32	ug/l	#	81
30) Chloroform	5.22	83	2858	0.49	ug/l		93
36) 1,1-Dichloropropene	5.67	75	18087	4.26	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	25132	5.39	ug/l	#	16
47) Bromodichloromethane	7.90	83	1179	0.28	ug/l		97
48) Methyl methacrylate	7.71	41	2418	0.61	ug/l	#	21
49) 1,4-Dioxane	7.77	88	519	6.75	ug/l	#	39
51) 4-Methyl-2-Pentanone	8.65	43	1732	0.36	ug/l		91
64) Tetrachloroethene	9.34	164	906	0.23	ug/l		85
65) Chlorobenzene	10.14	112	2881	0.31	ug/l		91
68) m/p-Xylenes	10.36	106	1389	0.24	ug/l		90
76) 1,2,3-Trichloropropane	11.14	75	98813	25.77	ug/l	#	33
79) 2-Chlorotoluene	11.42	91	2254	0.23	ug/l		93
81) trans-1,4-Dichloro-2-buten	11.14	75	98813	73.10	ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.81	105	6593	0.53	ug/l		94
95) Naphthalene	13.84	128	205504	14.18	ug/l		100

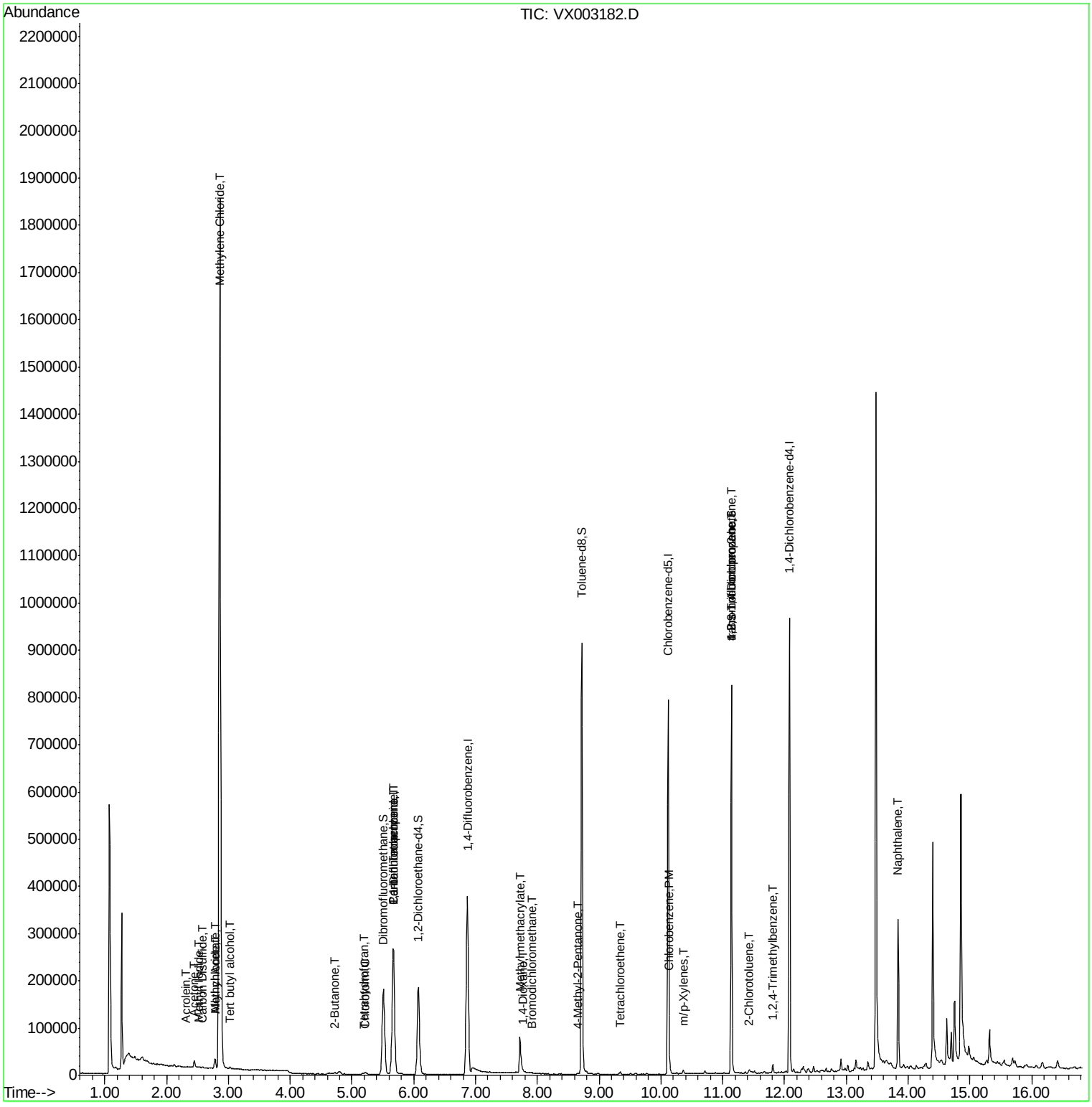
(#) = qualifier out of range (m) = manual integration (+) = signals summed

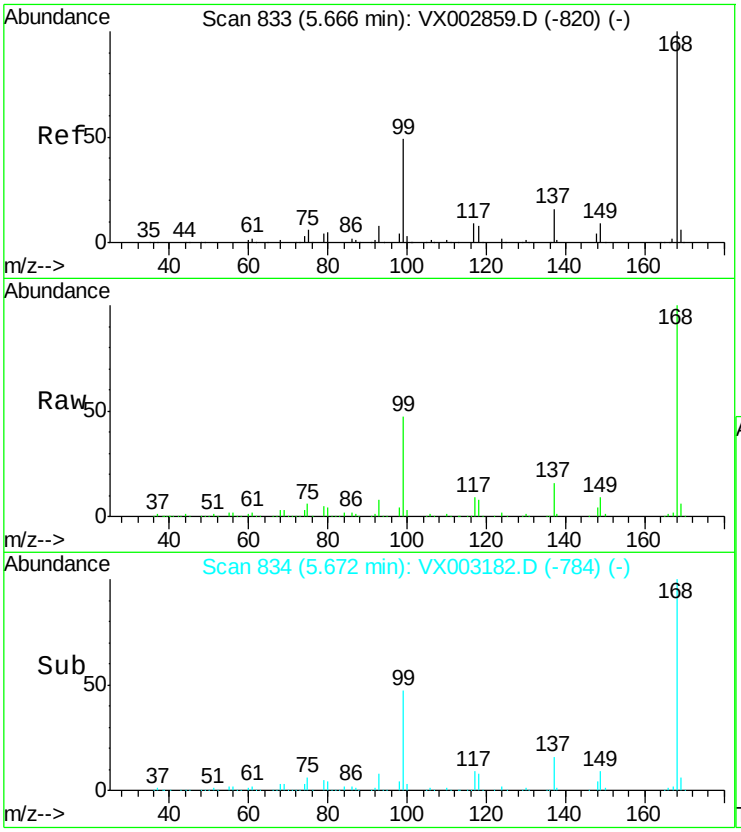
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070518\
Data File : VX003182.D
Acq On : 05 Jul 2018 19:40
Operator : JC/MD
Sample : J3820-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BU-03-070318

Quant Time: Jul 06 01:05:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration



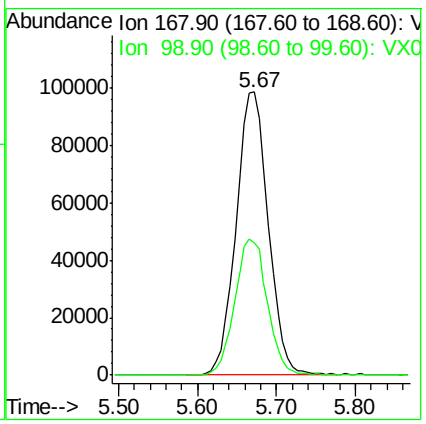


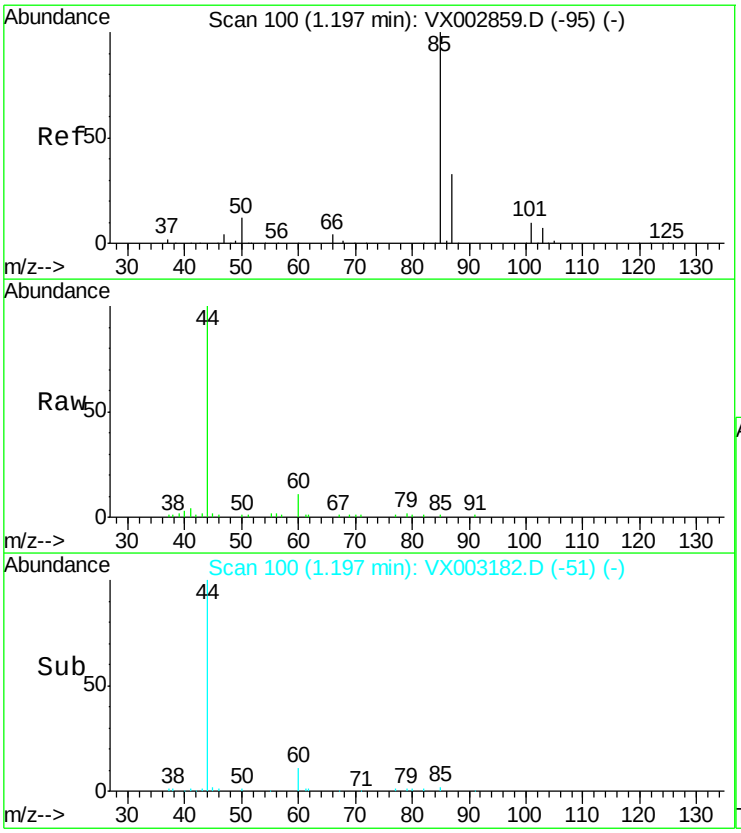
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
BU-03-070318

Tgt Ion:168 Resp: 279507

Ion	Ratio	Lower	Upper
168	100		
99	46.8	39.3	58.9

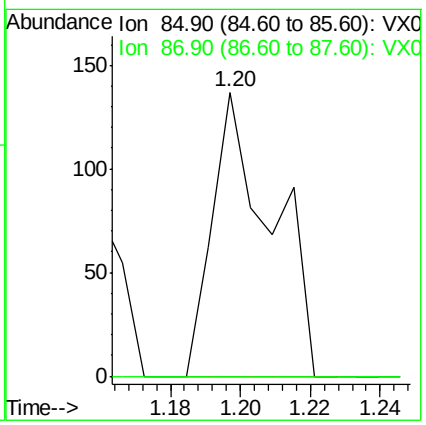


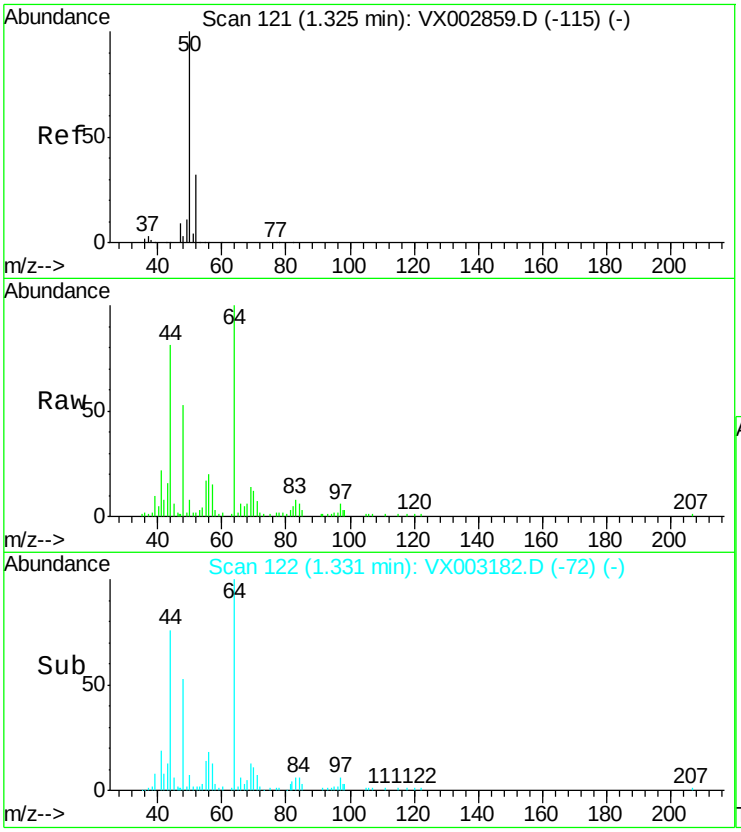


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Tgt Ion: 85 Resp: 161

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#



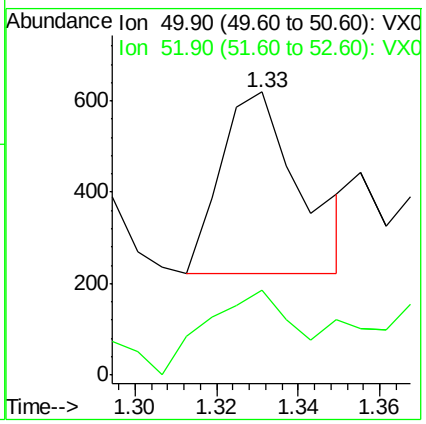


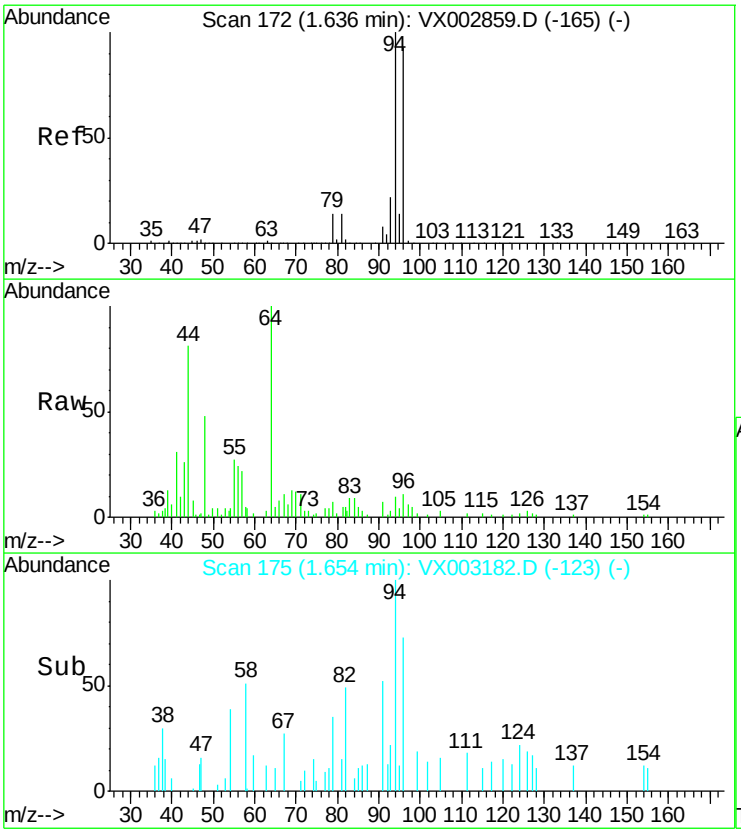
#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
BU-03-070318

Tgt Ion: 50 Resp: 537

Ion	Ratio	Lower	Upper
50	100		
52	25.2	25.7	38.5#

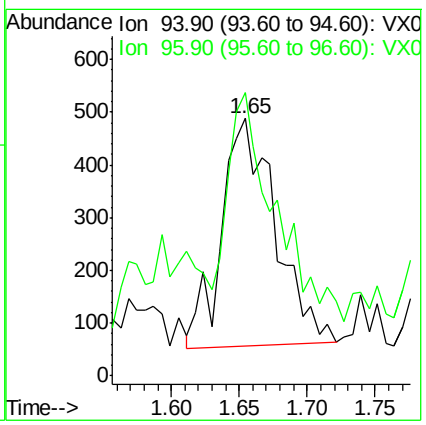


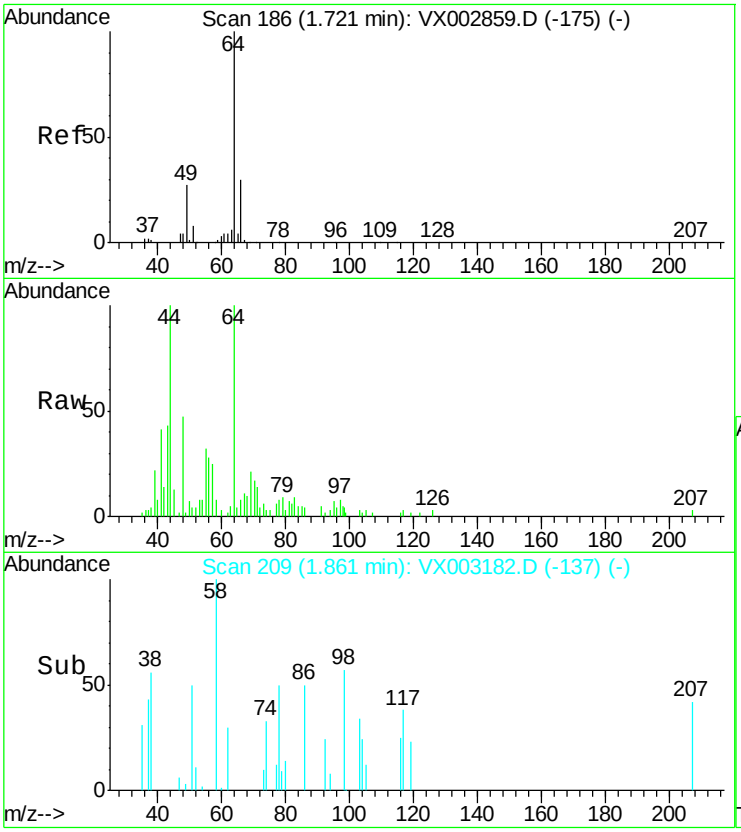


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Tgt Ion: 94 Resp: 1193

Ion	Ratio	Lower	Upper
94	100		
96	93.4	74.9	112.3



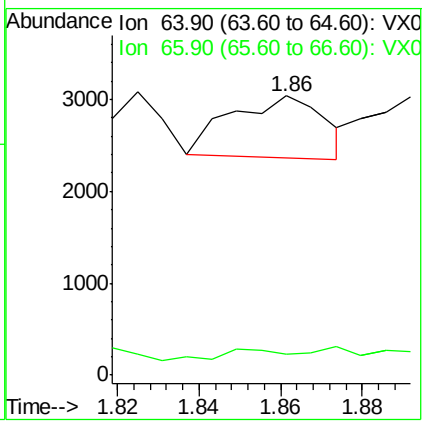


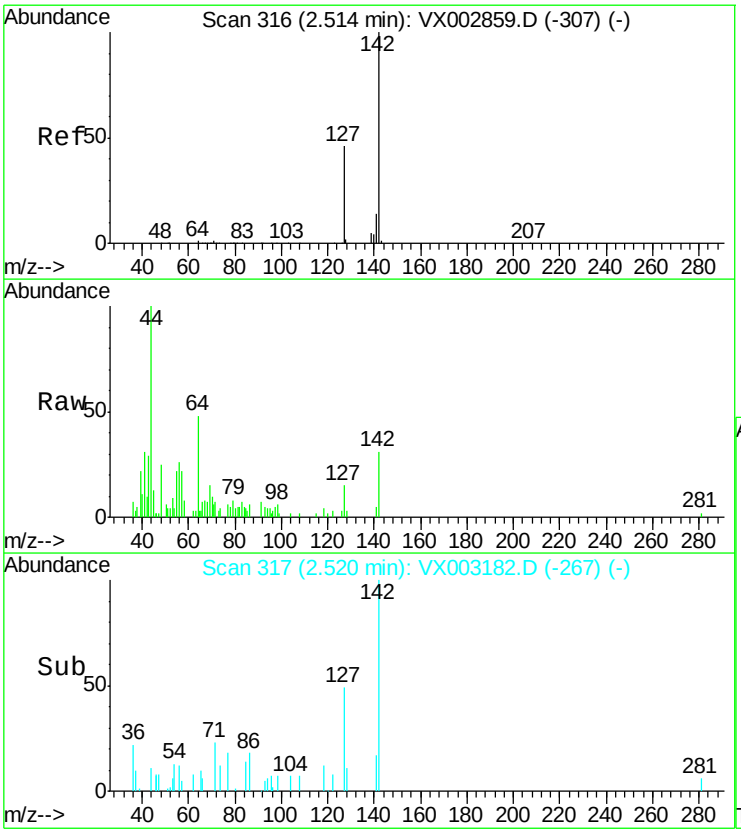
#6
Chloroethane
Concen: Below Cal
RT: 1.86 min Scan# 209
Delta R.T. 0.14 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
BU-03-070318

Tgt Ion: 64 Resp: 1073

Ion	Ratio	Lower	Upper
64	100		
66	4.1	25.5	38.3#

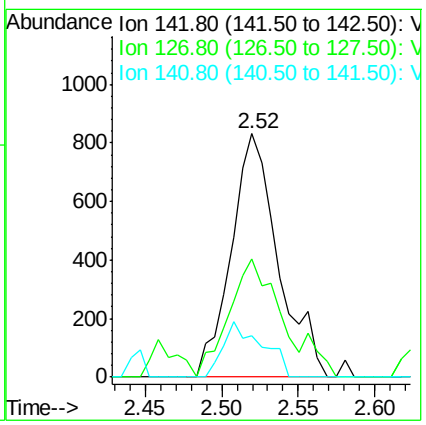


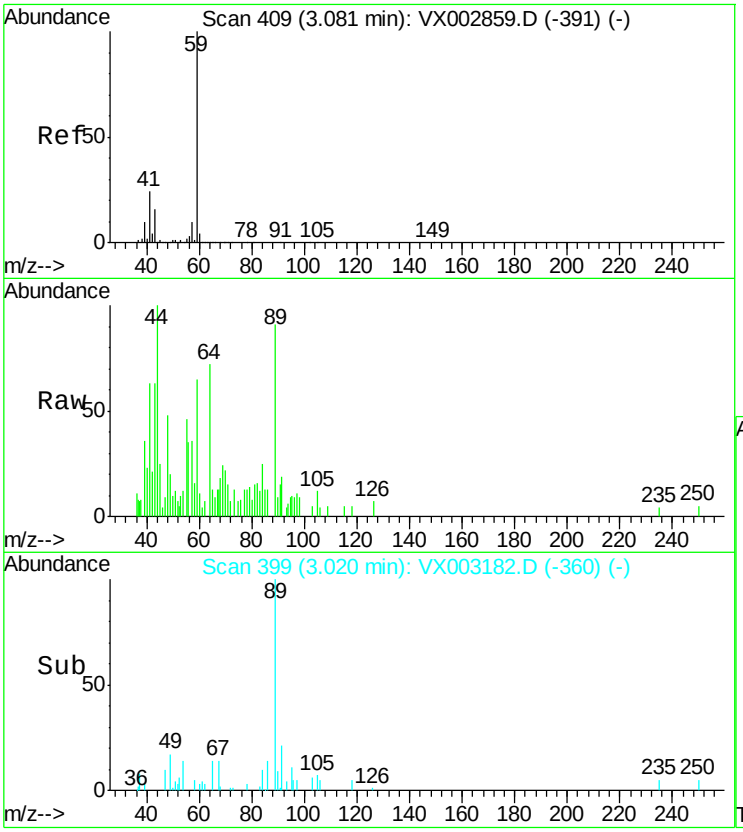


#10
Methyl Iodide
Concen: 6.72 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Tgt Ion:142 Resp: 1776

Ion	Ratio	Lower	Upper
142	100		
127	56.1	36.6	55.0#
141	18.9	11.3	16.9#



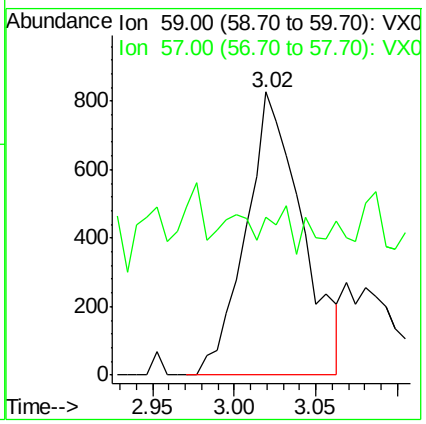


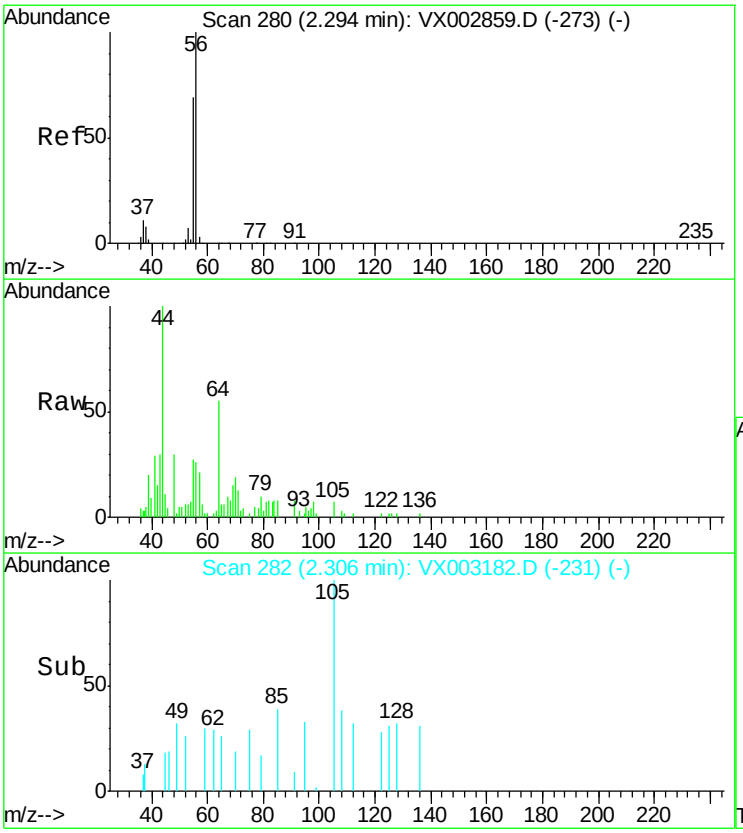
#11
Tert butyl alcohol
Concen: 2.57 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
BU-03-070318

Tgt Ion: 59 Resp: 1978

Ion	Ratio	Lower	Upper
59	100		
57	6.6	8.2	12.2#

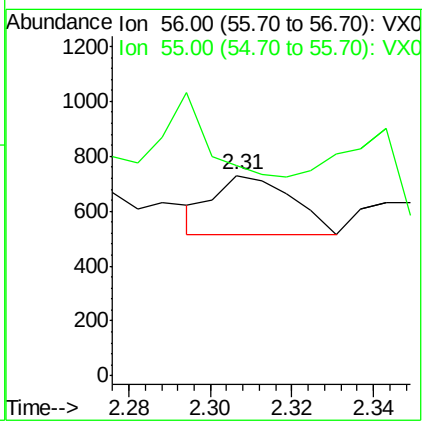


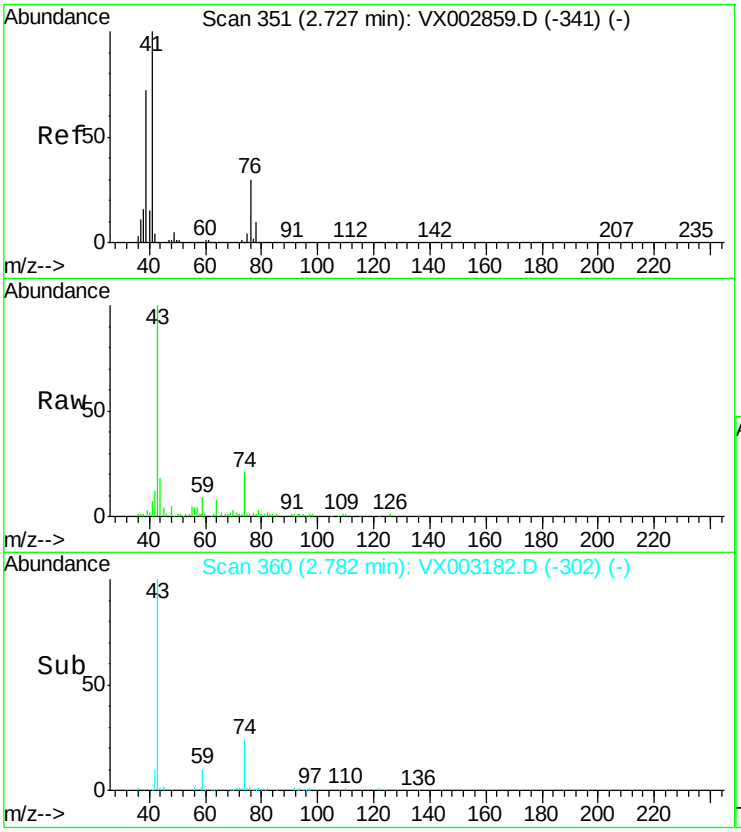


#13
Acrolein
Concen: 4.89 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Tgt Ion: 56 Resp: 286

Ion	Ratio	Lower	Upper
56	100		
55	88.1	57.0	85.4#



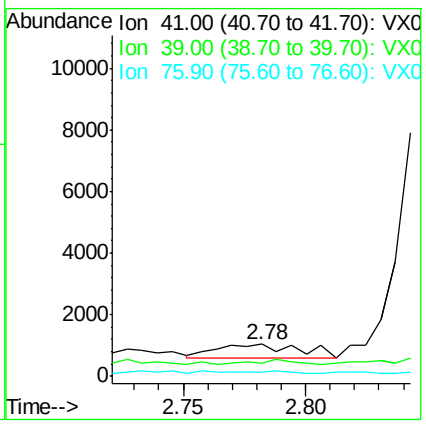


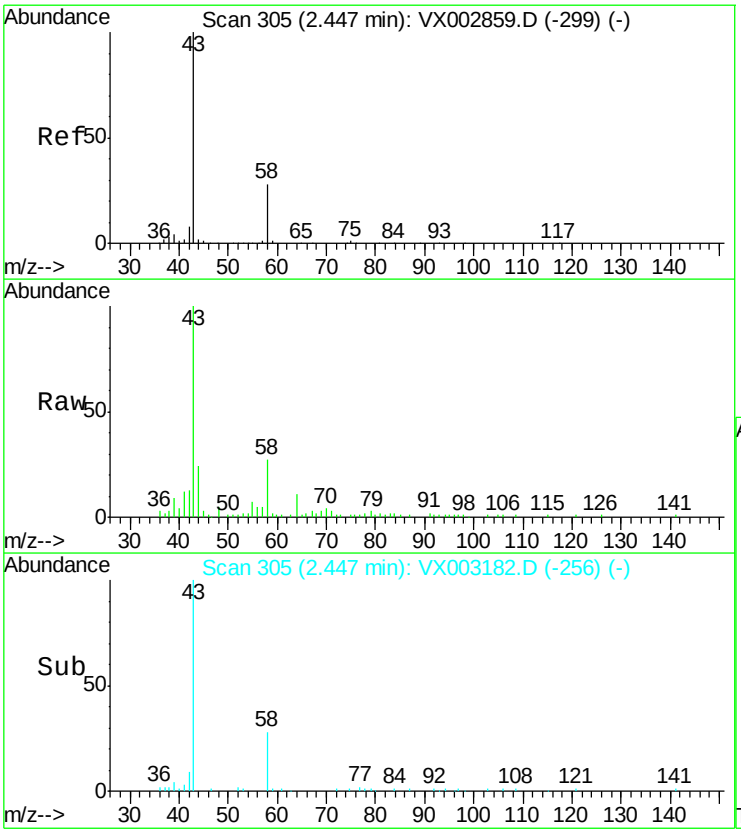
#14
Allyl chloride
Concen: 0.20 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.05 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Instrument : MSVOA_X
ClientSampleId : BU-03-070318

Tgt Ion: 41 Resp: 1104

Ion	Ratio	Lower	Upper
41	100		
39	20.1	56.8	85.2#
76	0.0	23.8	35.8#

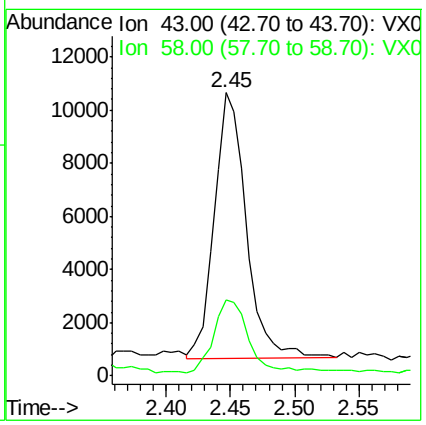


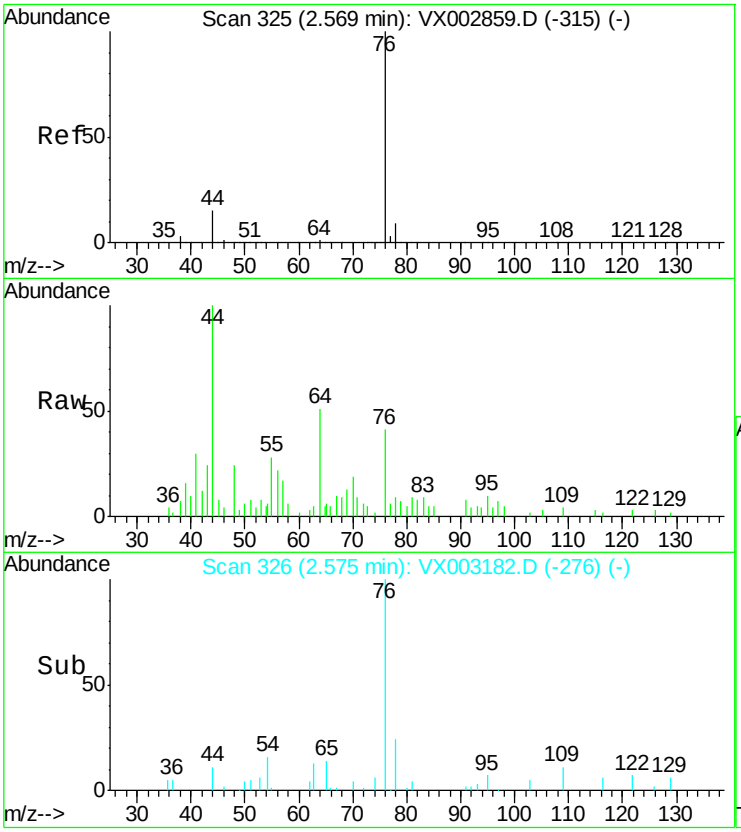


#16
Acetone
Concen: 10.91 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Tgt Ion: 43 Resp: 17452

Ion	Ratio	Lower	Upper
43	100		
58	27.1	22.1	33.1



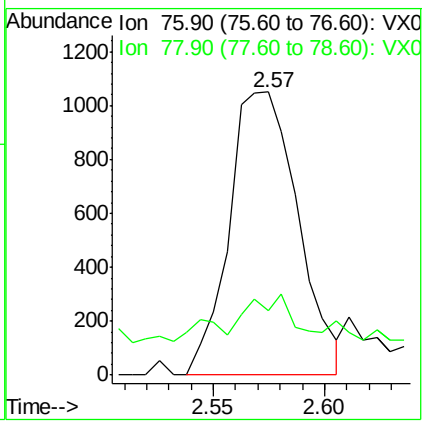


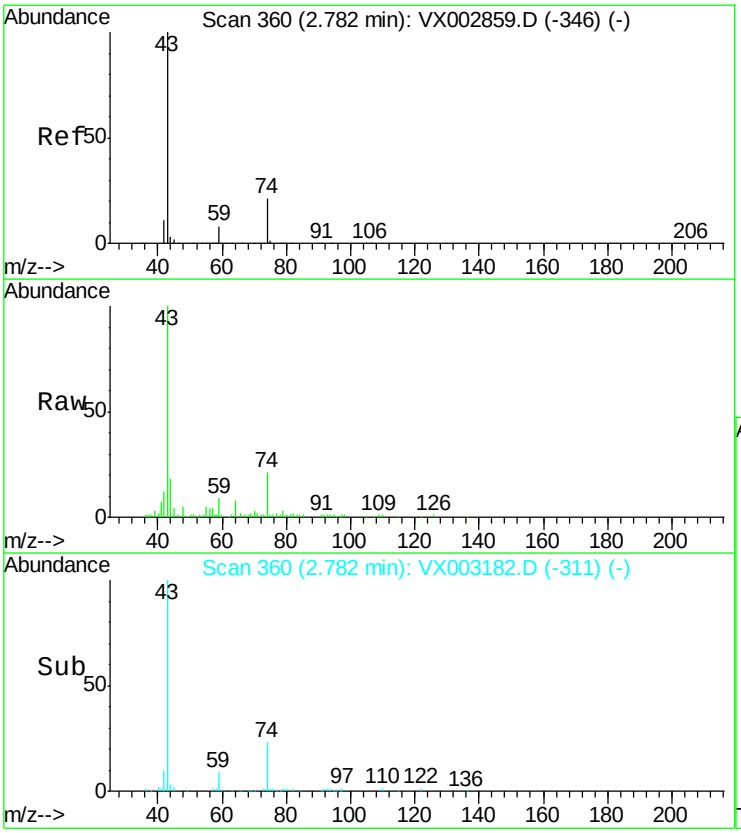
#17
Carbon Disulfide
Concen: 0.31 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
BU-03-070318

Tgt Ion: 76 Resp: 2257

Ion	Ratio	Lower	Upper
76	100		
78	7.7	6.9	10.3

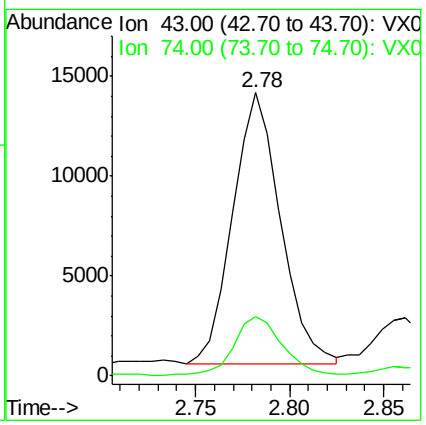


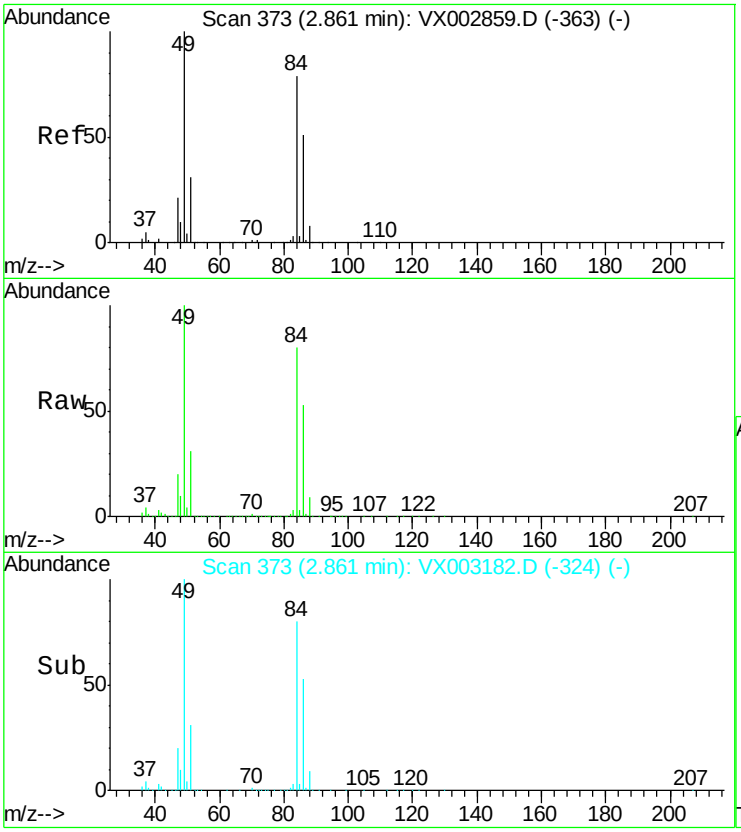


#18
Methyl Acetate
Concen: 5.34 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Tgt Ion: 43 Resp: 23893

Ion	Ratio	Lower	Upper
43	100		
74	22.5	16.7	25.1



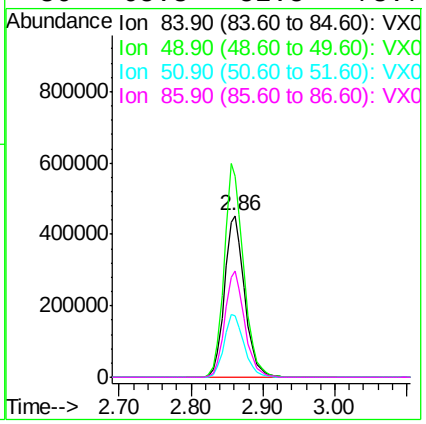


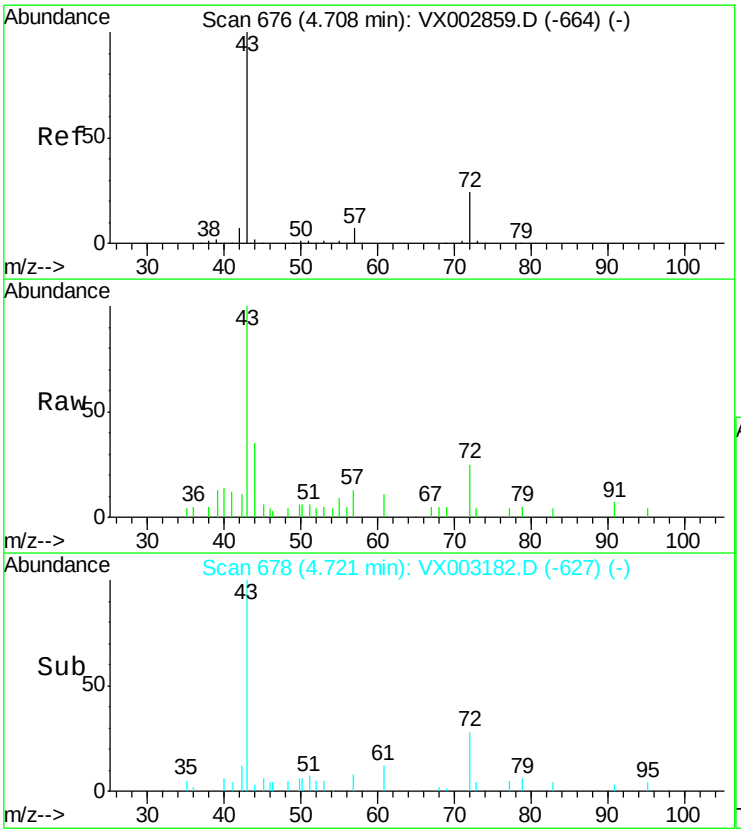
#20
Methylene Chloride
Concen: 281.39 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Instrument : MSVOA_X
ClientSampleId : BU-03-070318

Tgt Ion: 84 Resp: 876100

Ion	Ratio	Lower	Upper
84	100		
49	124.6	107.8	161.6
51	38.1	32.8	49.2
86	65.8	52.5	78.7

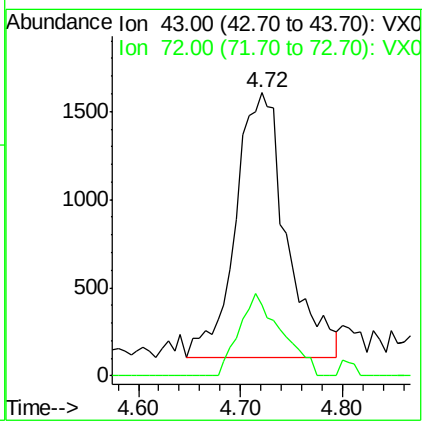


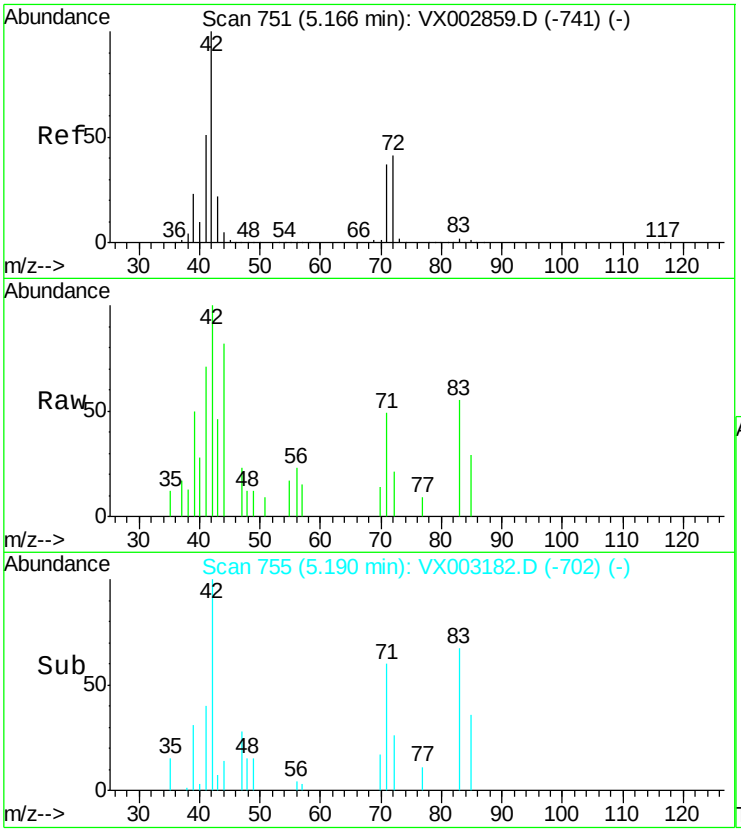


#25
2-Butanone
Concen: 2.19 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Tgt Ion: 43 Resp: 5192

Ion	Ratio	Lower	Upper
43	100		
72	26.8	18.5	27.7



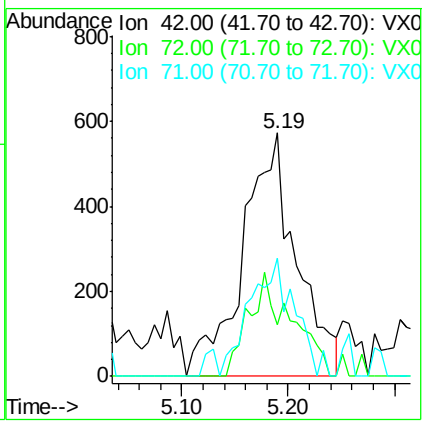


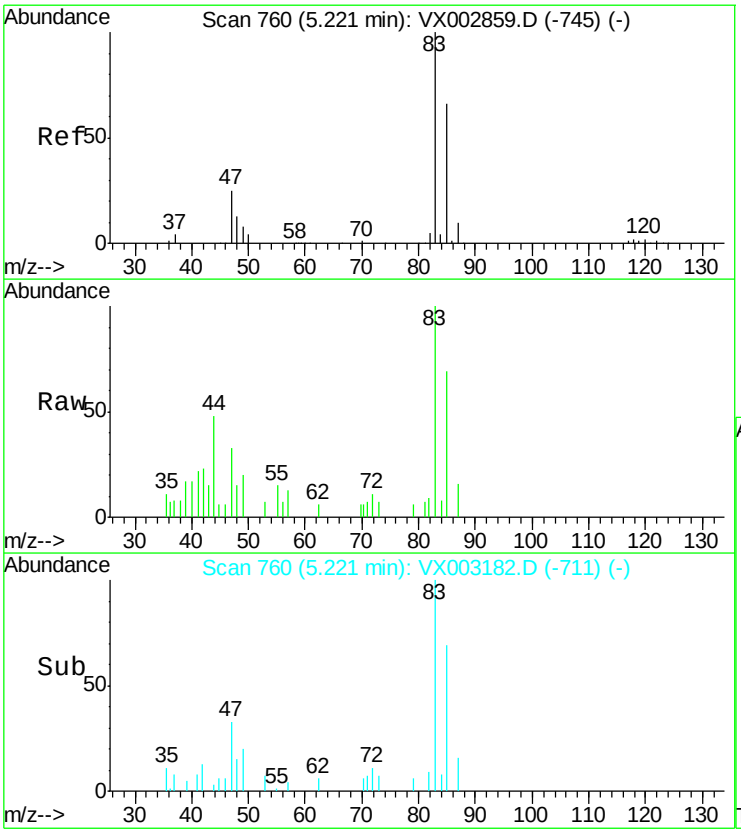
#29
Tetrahydrofuran
Concen: 1.32 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
BU-03-070318

Tgt Ion: 42 Resp: 2015

Ion	Ratio	Lower	Upper
42	100		
72	20.3	32.0	48.0#
71	40.6	30.1	45.1

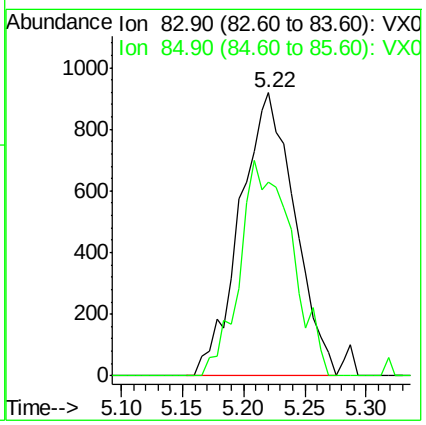


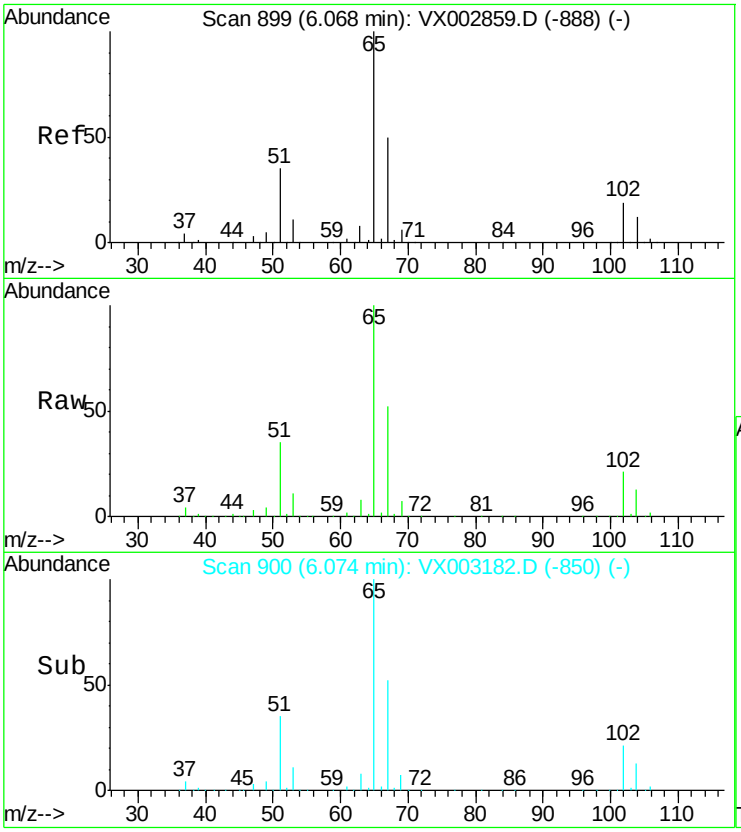


#30
Chloroform
Concen: 0.49 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Tgt Ion: 83 Resp: 2858

Ion	Ratio	Lower	Upper
83	100		
85	68.6	50.4	75.6



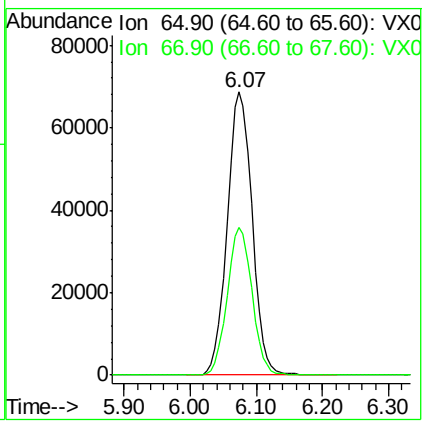


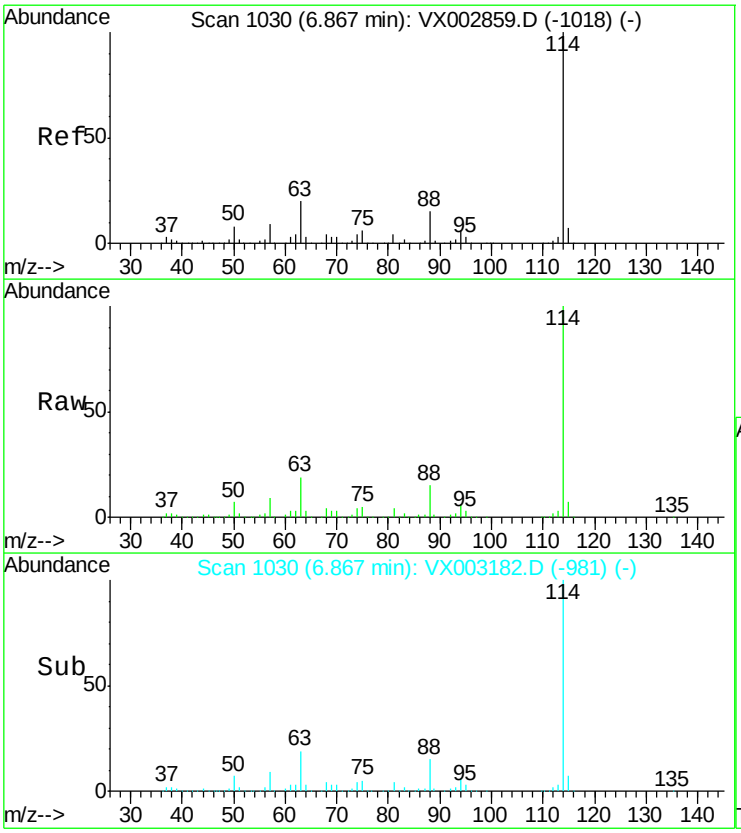
#33
1,2-Dichloroethane-d4
Concen: 46.44 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
BU-03-070318

Tgt Ion: 65 Resp: 179433

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	102.6

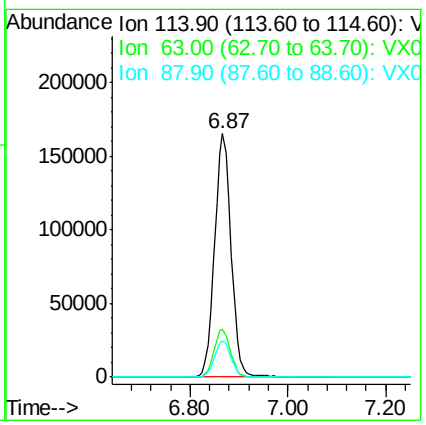


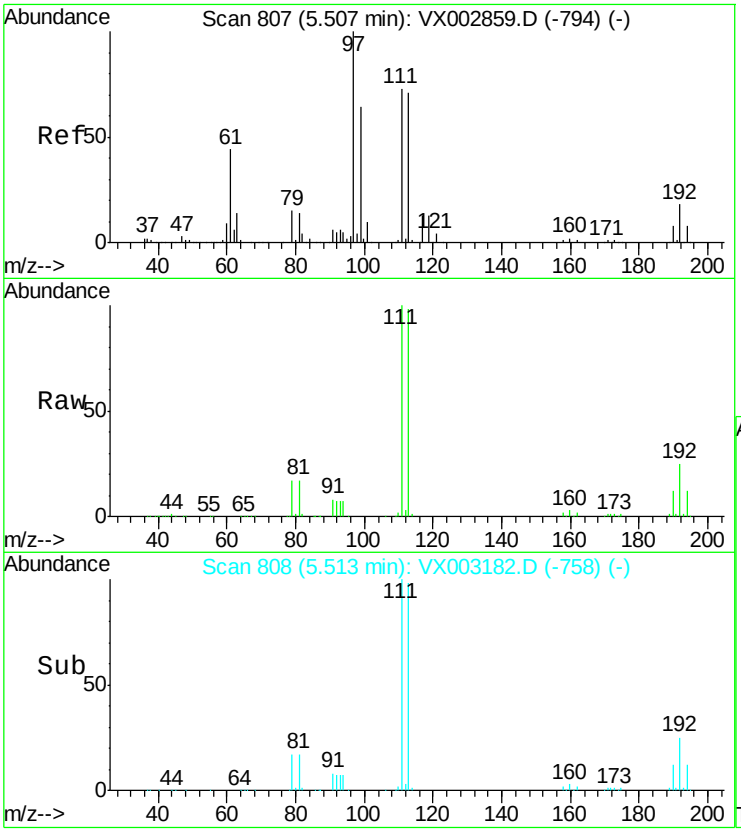


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Tgt Ion:114 Resp: 387382

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	41.4
88	14.8	0.0	30.0



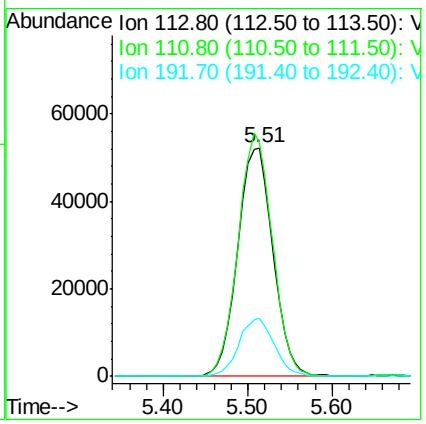


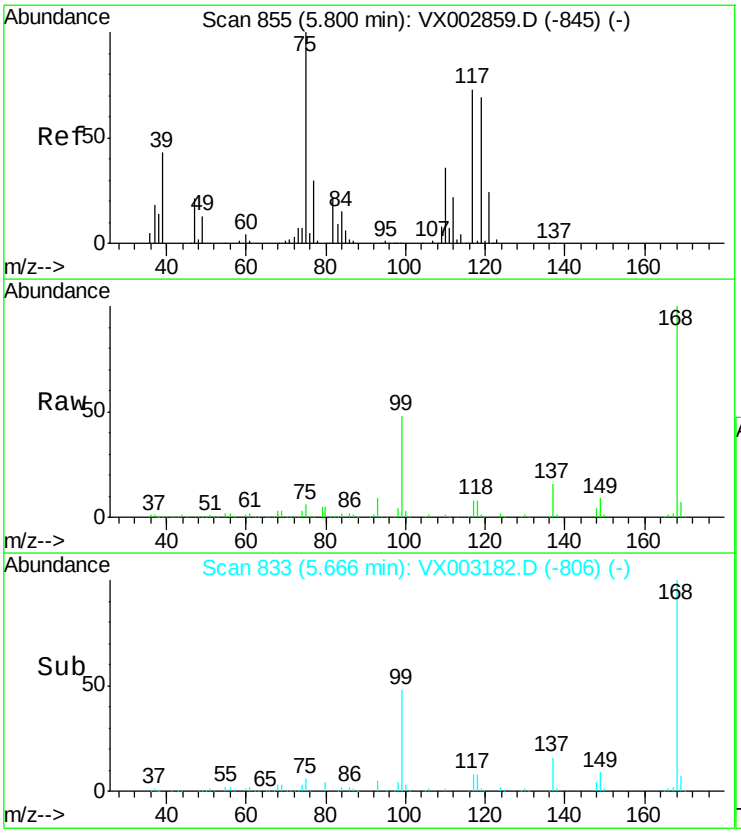
#35
Dibromofluoromethane
Concen: 48.47 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
BU-03-070318

Tgt Ion:113 Resp: 148695

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	25.3	19.1	28.7

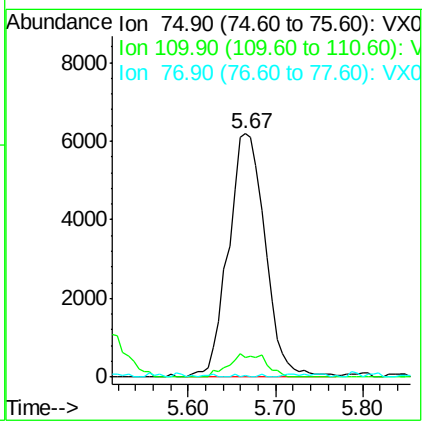


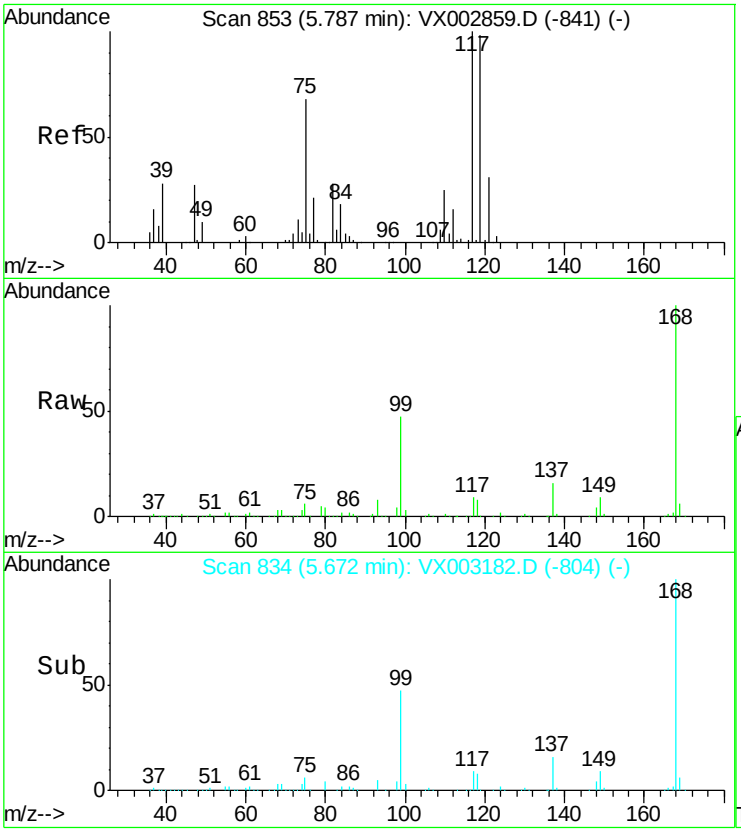


#36
1,1-Dichloropropene
Concen: 4.26 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Tgt Ion: 75 Resp: 18087

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



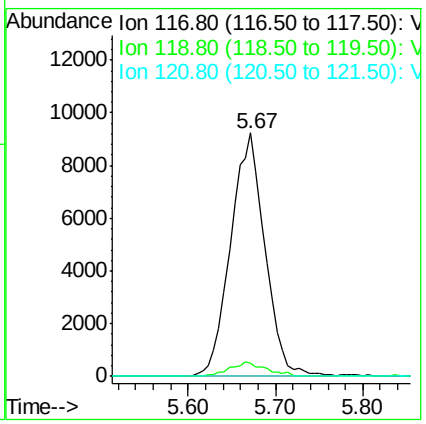


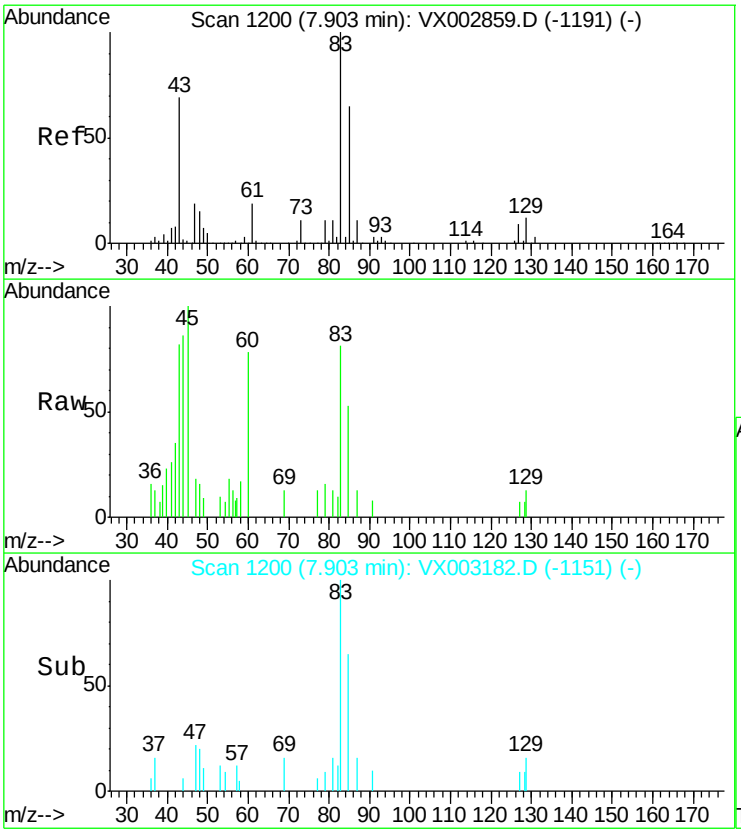
#38
Carbon Tetrachloride
Concen: 5.39 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
BU-03-070318

Tgt Ion:117 Resp: 25132

Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.4	116.0#
121	0.0	24.4	36.6#

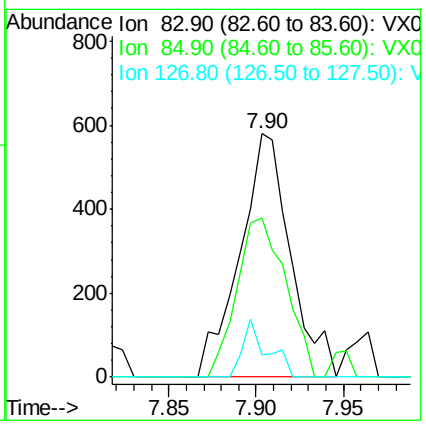


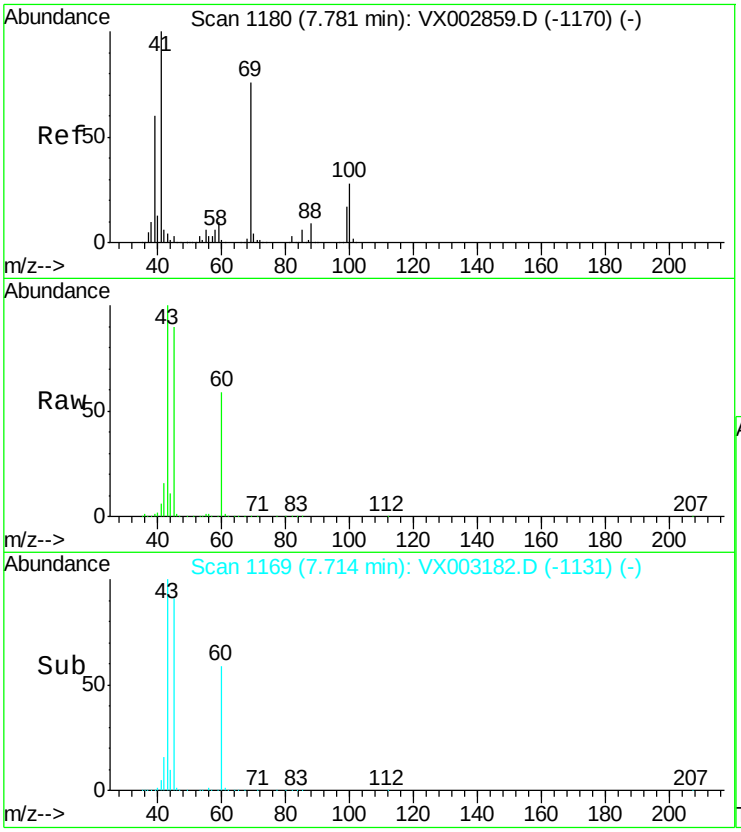


#47
Bromodichloromethane
Concen: 0.28 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Tgt Ion: 83 Resp: 1179

Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.3	75.5
127	9.1	7.0	10.4



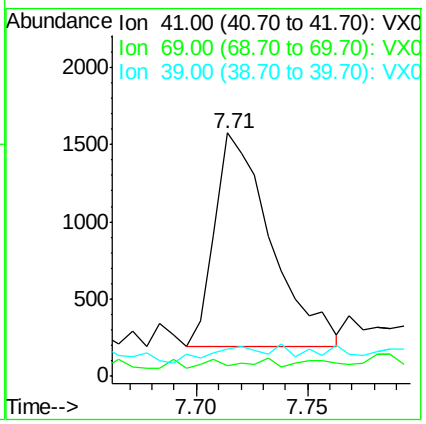


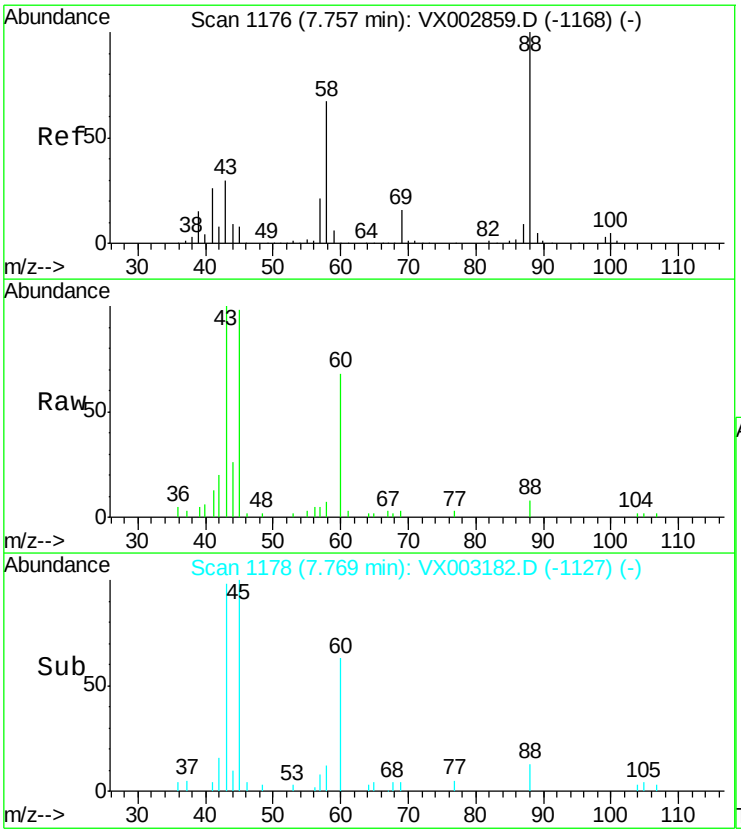
#48
Methyl methacrylate
Concen: 0.61 ug/l
RT: 7.71 min Scan# 1169
Delta R.T. -0.07 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Instrument : MSVOA_X
ClientSampleId : BU-03-070318

Tgt Ion: 41 Resp: 2418

Ion	Ratio	Lower	Upper
41	100		
69	0.6	59.1	88.7#
39	7.8	48.9	73.3#

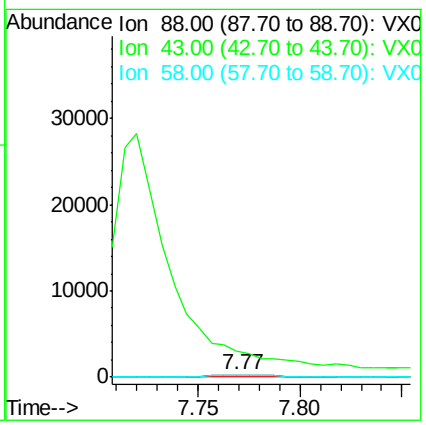


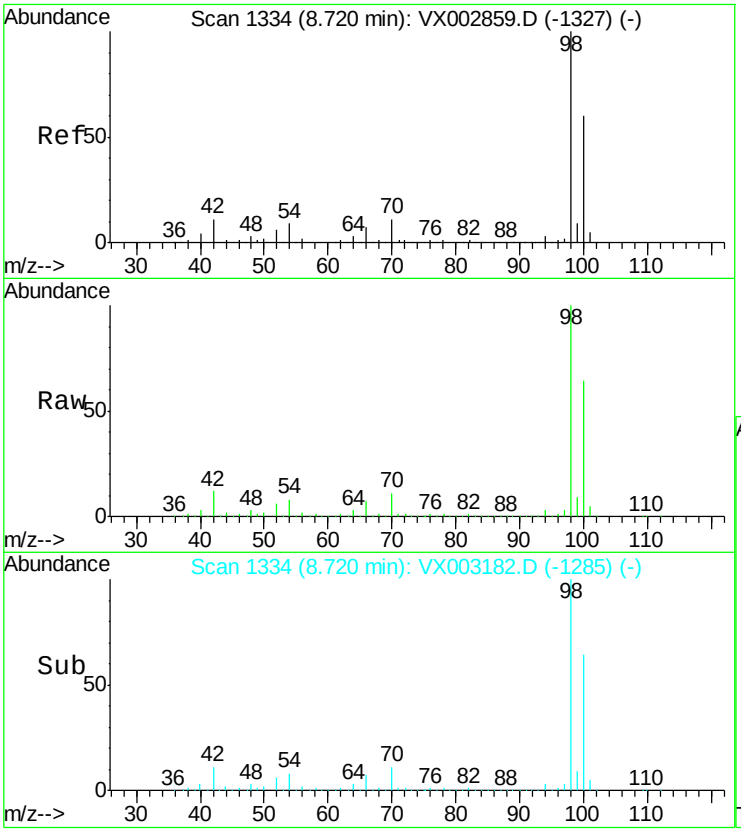


#49
1,4-Dioxane
Concen: 6.75 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Tgt Ion: 88 Resp: 519

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.8	44.6#
58	121.6	57.1	85.7#



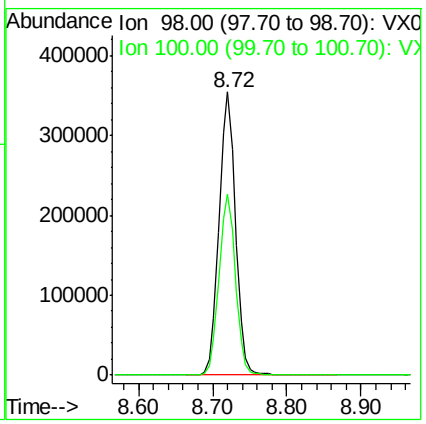


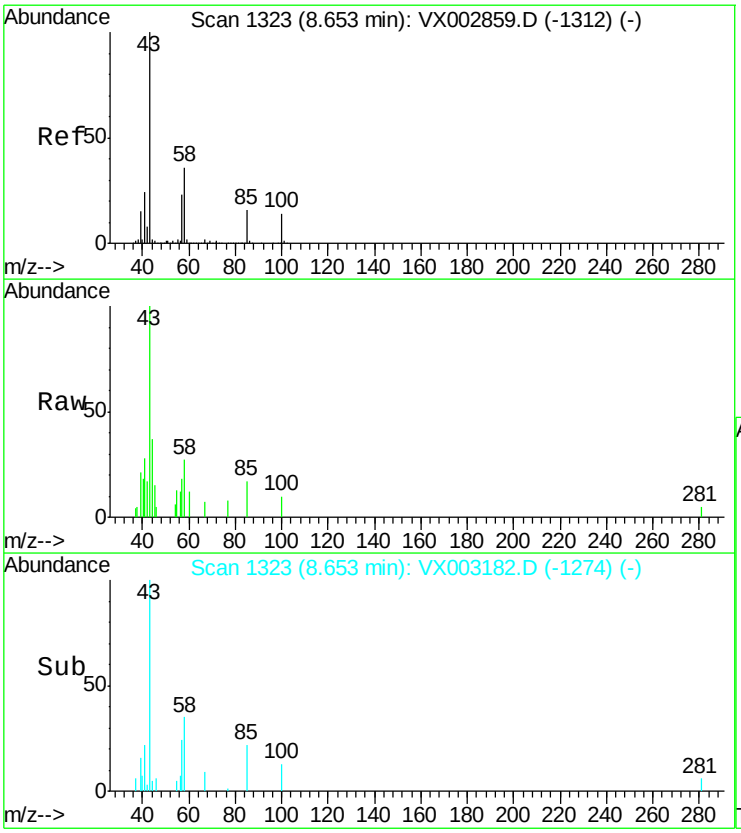
#50
Toluene-d8
Concen: 48.70 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
BU-03-070318

Tgt Ion: 98 Resp: 545581

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3

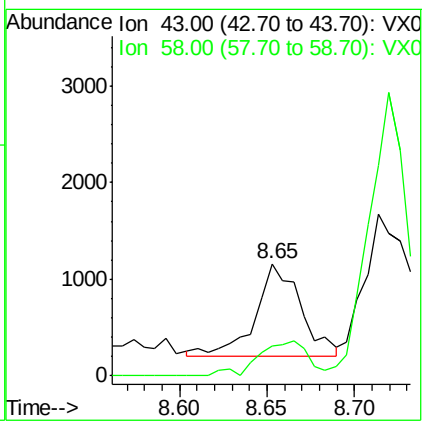


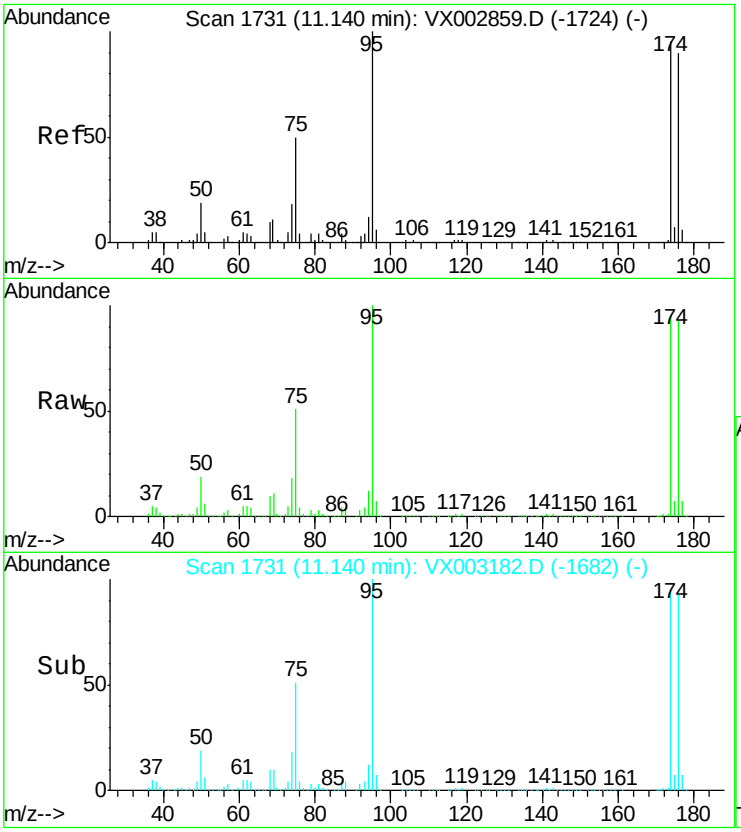


#51
4-Methyl-2-Pentanone
Concen: 0.36 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Tgt Ion: 43 Resp: 1732

Ion	Ratio	Lower	Upper
43	100		
58	40.9	28.6	42.8



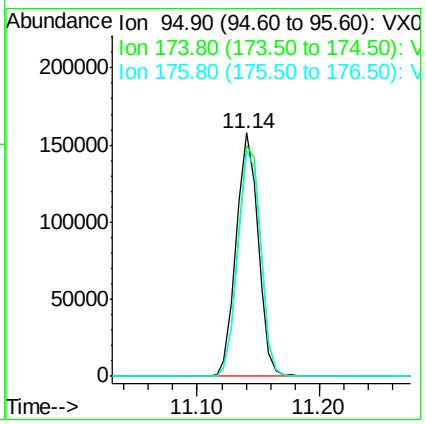


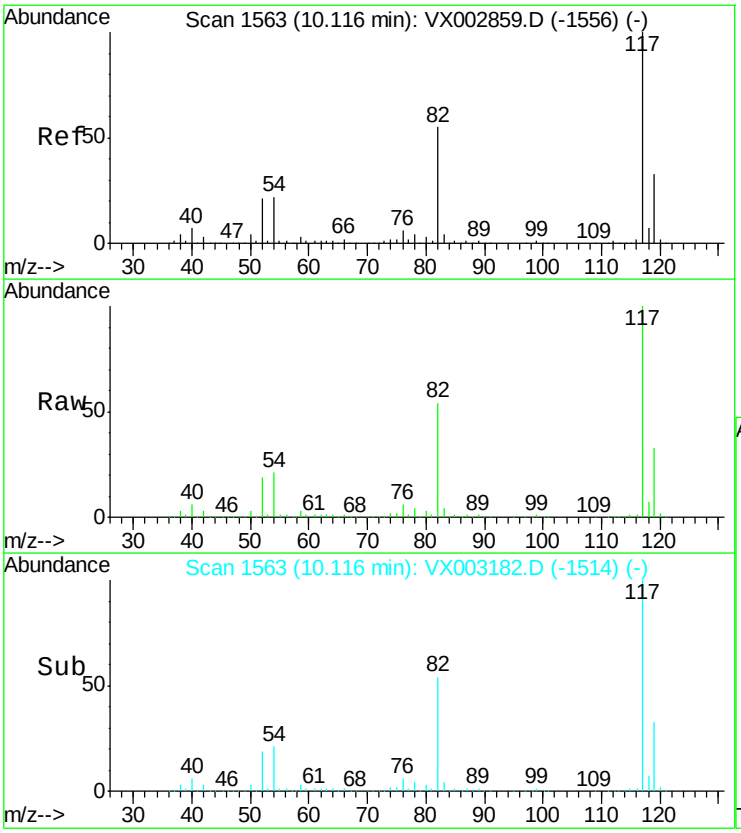
#62
4-Bromofluorobenzene
Concen: 45.02 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
BU-03-070318

Tgt Ion: 95 Resp: 194512

Ion	Ratio	Lower	Upper
95	100		
174	100.0	0.0	187.4
176	97.1	0.0	181.0

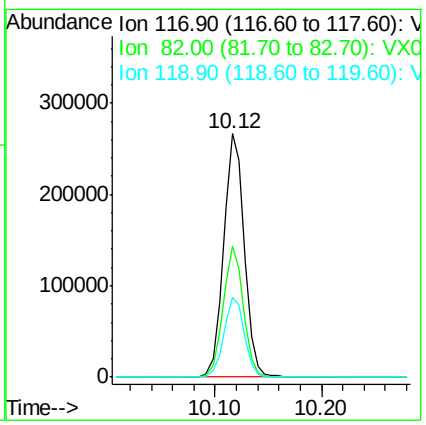


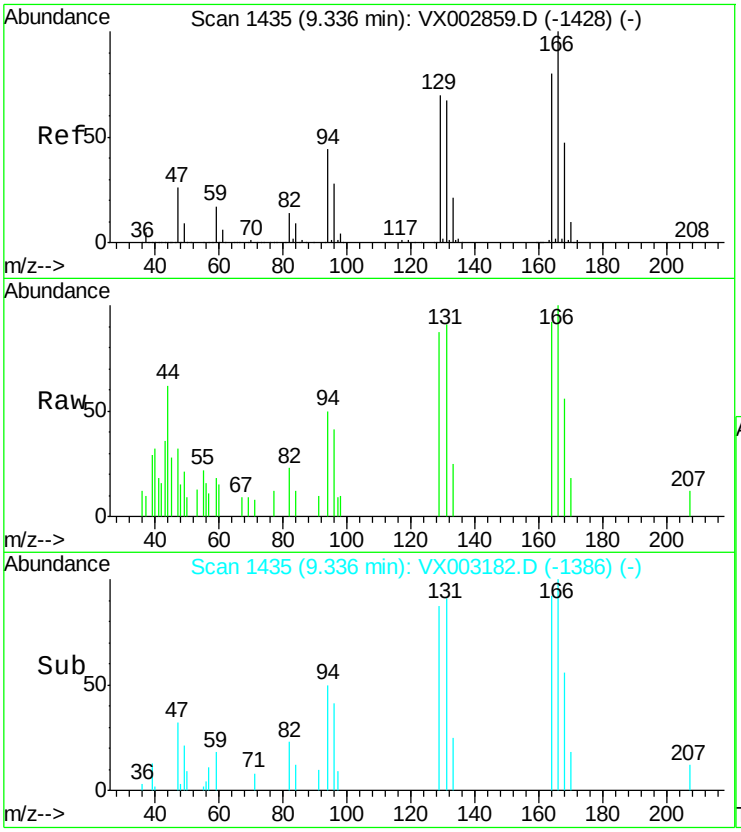


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Tgt Ion:117 Resp: 361449

Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.0	67.4
119	32.8	25.8	38.6



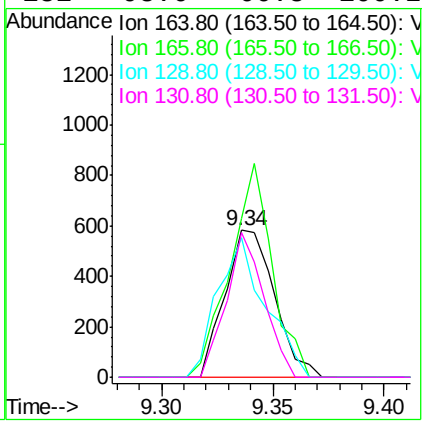


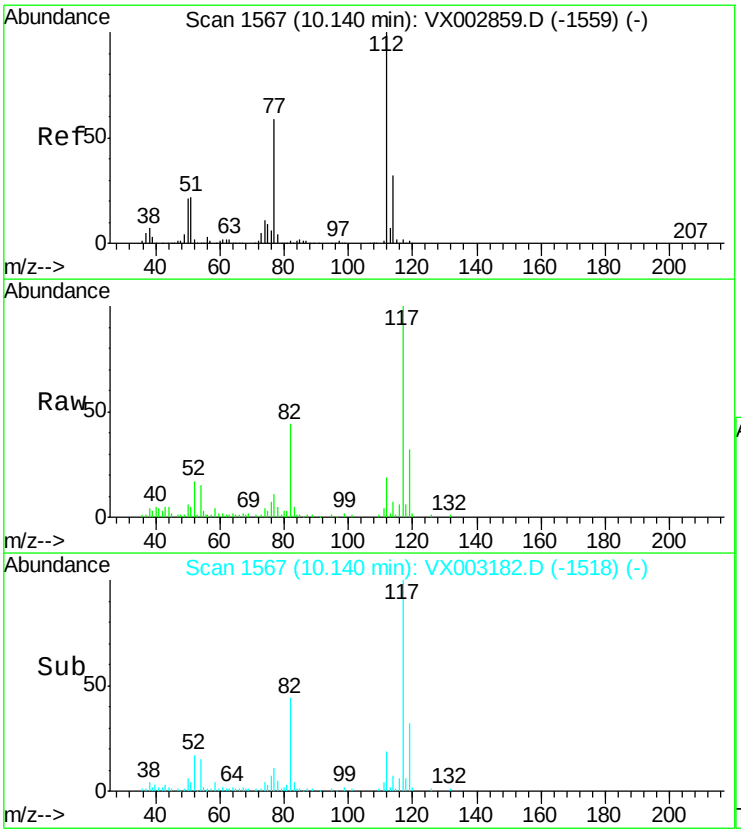
#64
Tetrachloroethene
Concen: 0.23 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
BU-03-070318

Tgt Ion:164 Resp: 906

Ion	Ratio	Lower	Upper
164	100		
166	108.2	102.9	154.3
129	94.7	68.6	102.8
131	98.6	66.8	100.2

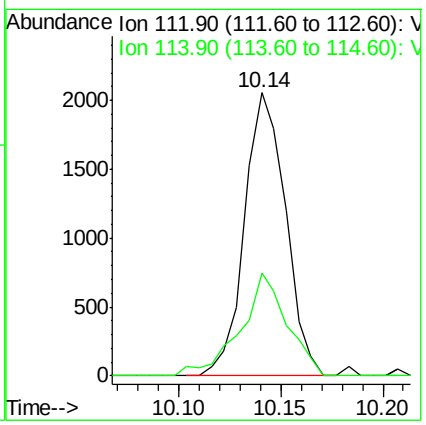


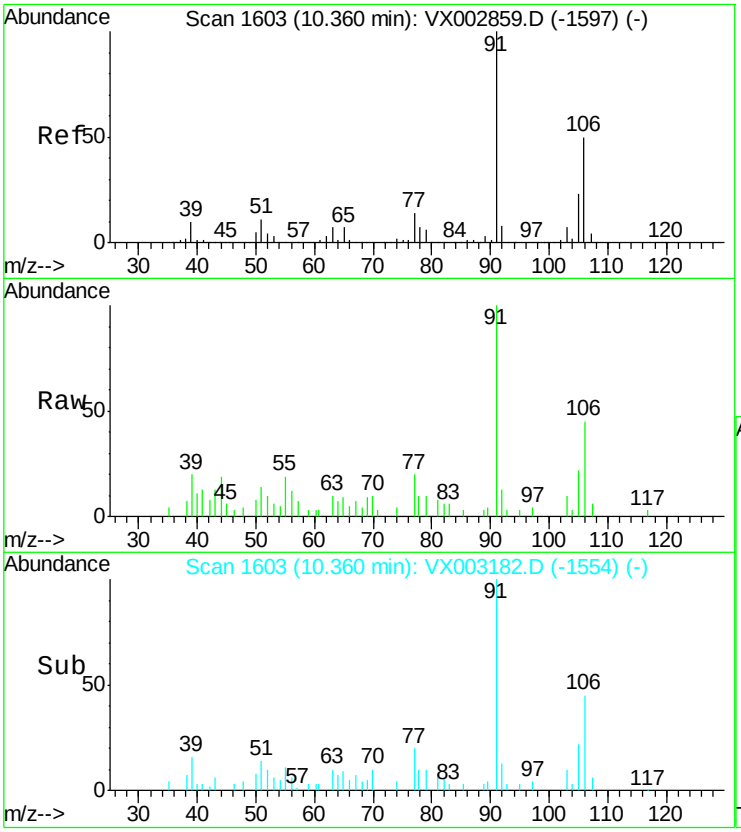


#65
Chlorobenzene
Concen: 0.31 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Tgt Ion:112 Resp: 2881

Ion	Ratio	Lower	Upper
112	100		
114	36.4	25.3	37.9



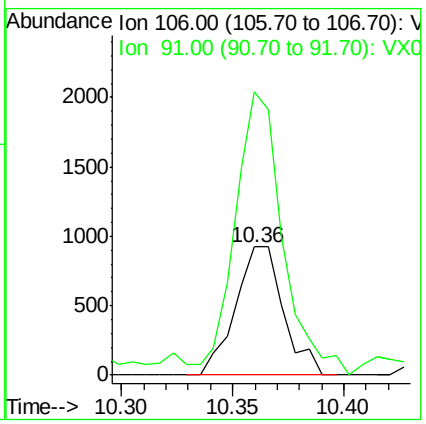


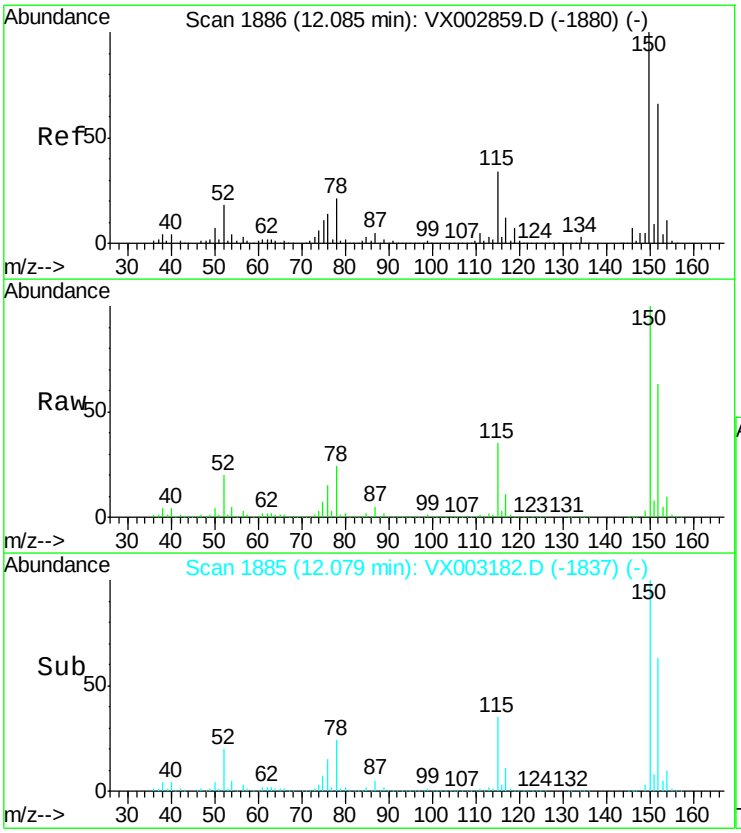
#68
m/p-Xylenes
Concen: 0.24 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
BU-03-070318

Tgt Ion:106 Resp: 1389

Ion	Ratio	Lower	Upper
106	100		
91	220.1	163.4	245.2

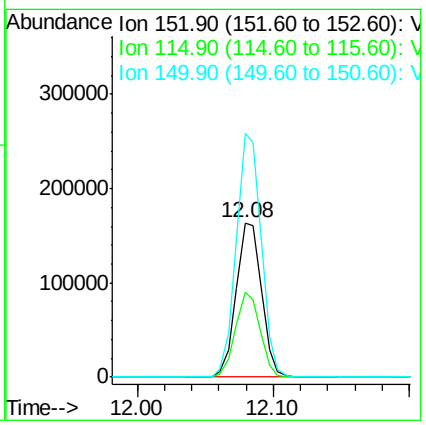


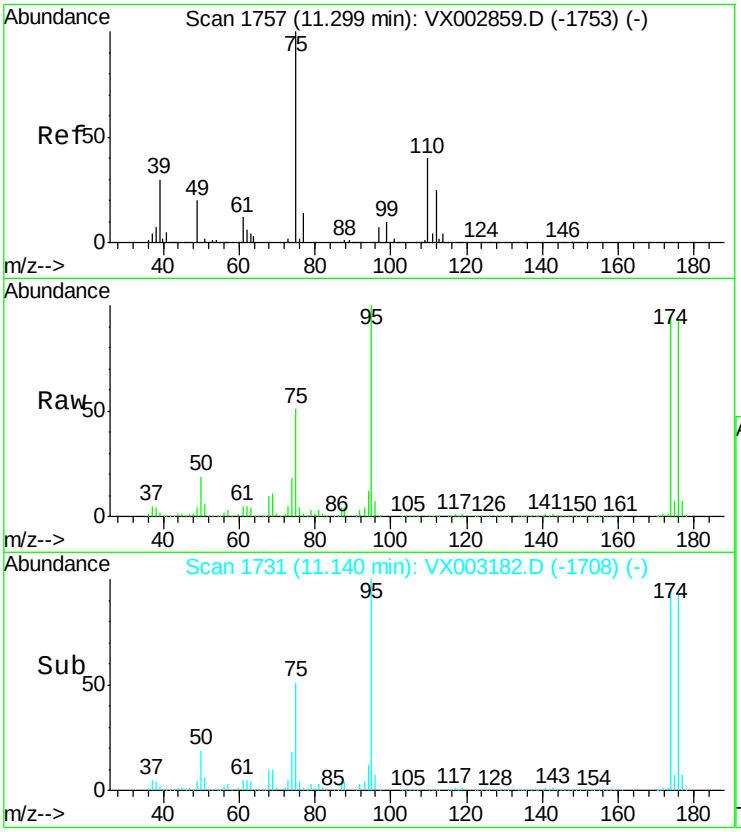


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Tgt Ion:152 Resp: 211685

Ion	Ratio	Lower	Upper
152	100		
115	53.8	40.1	120.2
150	155.8	0.0	347.2



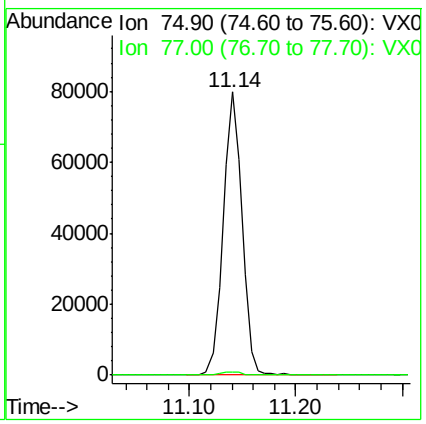


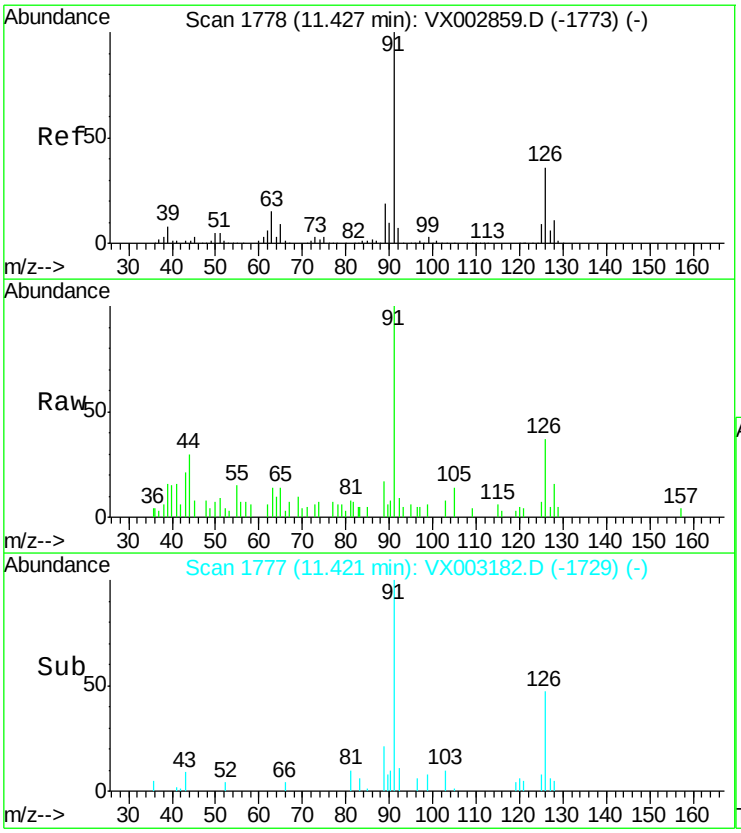
#76
1,2,3-Trichloropropane
Concen: 25.77 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
BU-03-070318

Tgt Ion: 75 Resp: 98813

Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.8	68.3#

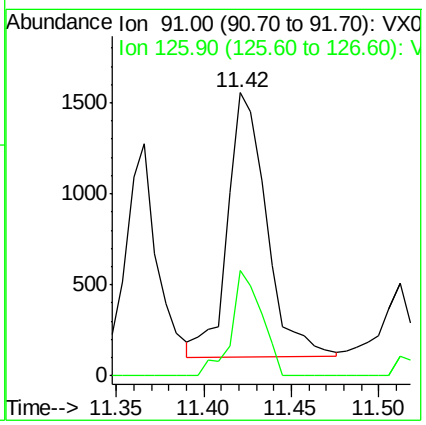


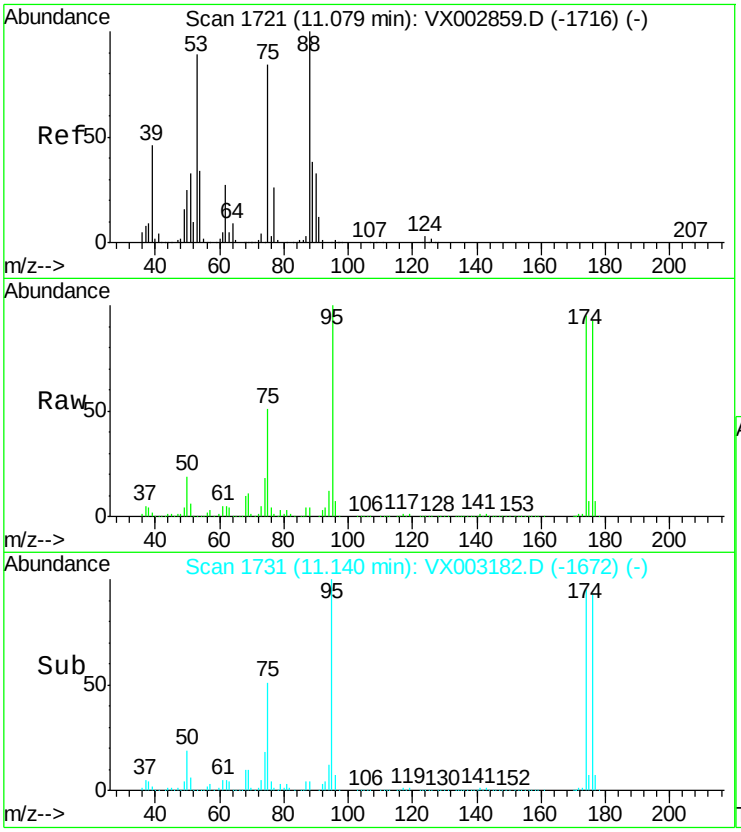


#79
2-Chlorotoluene
Concen: 0.23 ug/l
RT: 11.42 min Scan# 1777
Delta R.T. -0.01 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Tgt Ion: 91 Resp: 2254

Ion	Ratio	Lower	Upper
91	100		
126	31.2	17.7	53.1



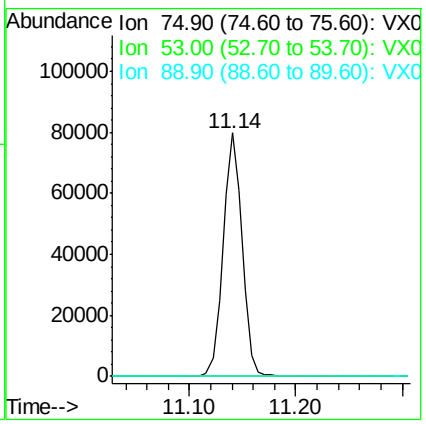


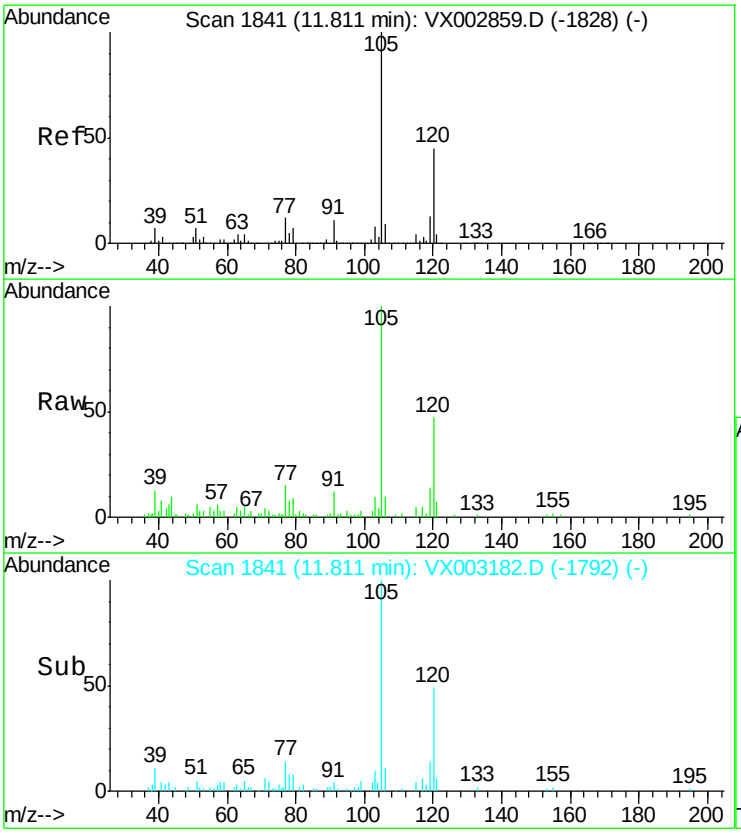
#81
trans-1,4-Dichloro-2-butene
Concen: 73.10 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
BU-03-070318

Tgt Ion: 75 Resp: 98813

Ion	Ratio	Lower	Upper
75	100		
53	0.4	86.8	130.2#
89	0.0	38.2	57.2#

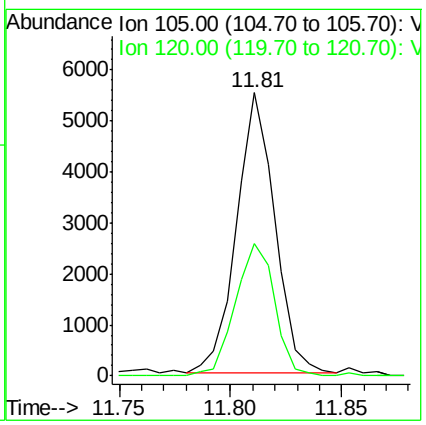


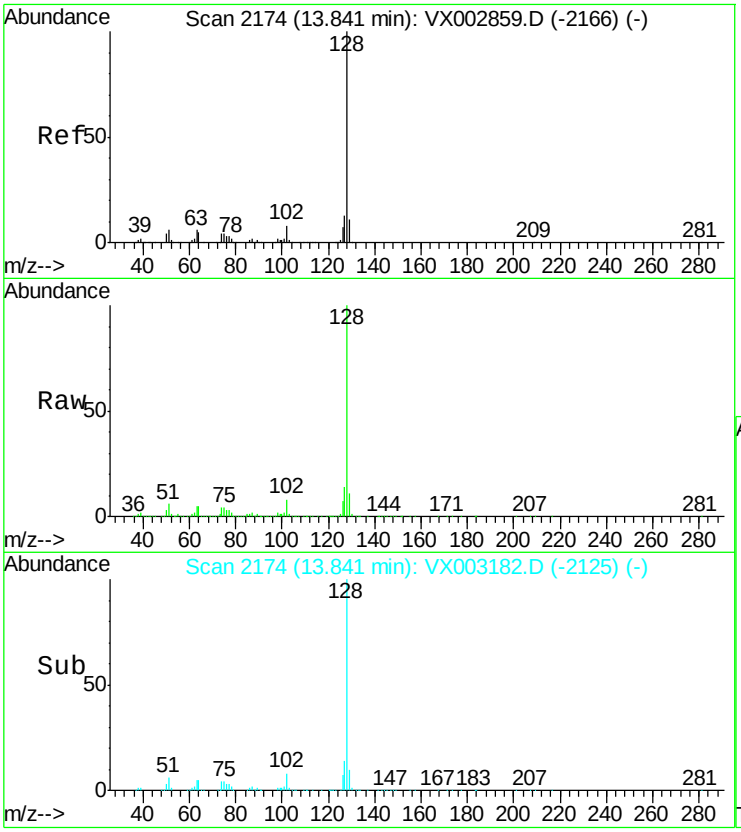


#84
1,2,4-Trimethylbenzene
Concen: 0.53 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Tgt Ion:105 Resp: 6593

Ion	Ratio	Lower	Upper
105	100		
120	48.4	22.3	66.8





#95
Naphthalene
Concen: 14.18 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
BU-03-070318

Tgt Ion:128 Resp: 205504

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0