Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
Data File : VX003380.D
Acq On : 13 Jul 2018 23:47
Operator : JC/MD
Sample : J3820-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BU-02-071218

Quant Time: Jul 14 02:49:38 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	266513	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	405174	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	394505	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215927	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	178254	61.46	ug/l		0.00
Spiked Amount 50.000			Recovery =	122.92%			
35) Dibromofluoromethane	5.51	113	151373	50.76	ug/l		0.00
Spiked Amount 50.000			Recovery =	101.52%			
50) Toluene-d8	8.72	98	604000	62.16	ug/l		0.00
Spiked Amount 50.000			Recovery =	124.32%			
62) 4-Bromofluorobenzene	11.14	95	208293	50.16	ug/l		0.00
Spiked Amount 50.000			Recovery =	100.32%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	110	Below Cal		#	43
3) Chloromethane	1.32	50	1269	Below Cal			100
5) Bromomethane	1.65	94	2515	1.29	ug/l		99
6) Chloroethane	1.69	64	87	Below Cal		#	43
8) Diethyl Ether	2.19	74	1250	0.57	ug/l		91
10) Methyl Iodide	2.53	142	1982	0.61	ug/l	#	93
11) Tert butyl alcohol	3.07	59	514	0.67	ug/l		95
13) Acrolein	2.30	56	240	Below Cal		#	30
14) Allyl chloride	2.86	41	28308	4.99	ug/l	#	24
16) Acetone	2.45	43	43754	29.25	ug/l		91
18) Methyl Acetate	2.78	43	25506	5.49	ug/l		95
20) Methylene Chloride	2.86	84	682586	218.79	ug/l		93
25) 2-Butanone	4.71	43	3668	1.58	ug/l		97
29) Tetrahydrofuran	5.17	42	1069	0.72	ug/l	#	83
30) Chloroform	5.21	83	5180	0.90	ug/l		86
36) 1,1-Dichloropropene	5.67	75	18087	4.20	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	24226	5.52	ug/l	#	16
47) Bromodichloromethane	7.90	83	1252	0.29	ug/l	#	83
51) 4-Methyl-2-Pentanone	8.66	43	1287	0.27	ug/l		93
68) m/p-Xylenes	10.36	106	1352	0.21	ug/l		87
76) 1,2,3-Trichloropropane	11.14	75	102287	23.98	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	102287	79.94	ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.81	105	5345	0.43	ug/l		99
95) Naphthalene	13.83	128	128969	8.53	ug/l		100

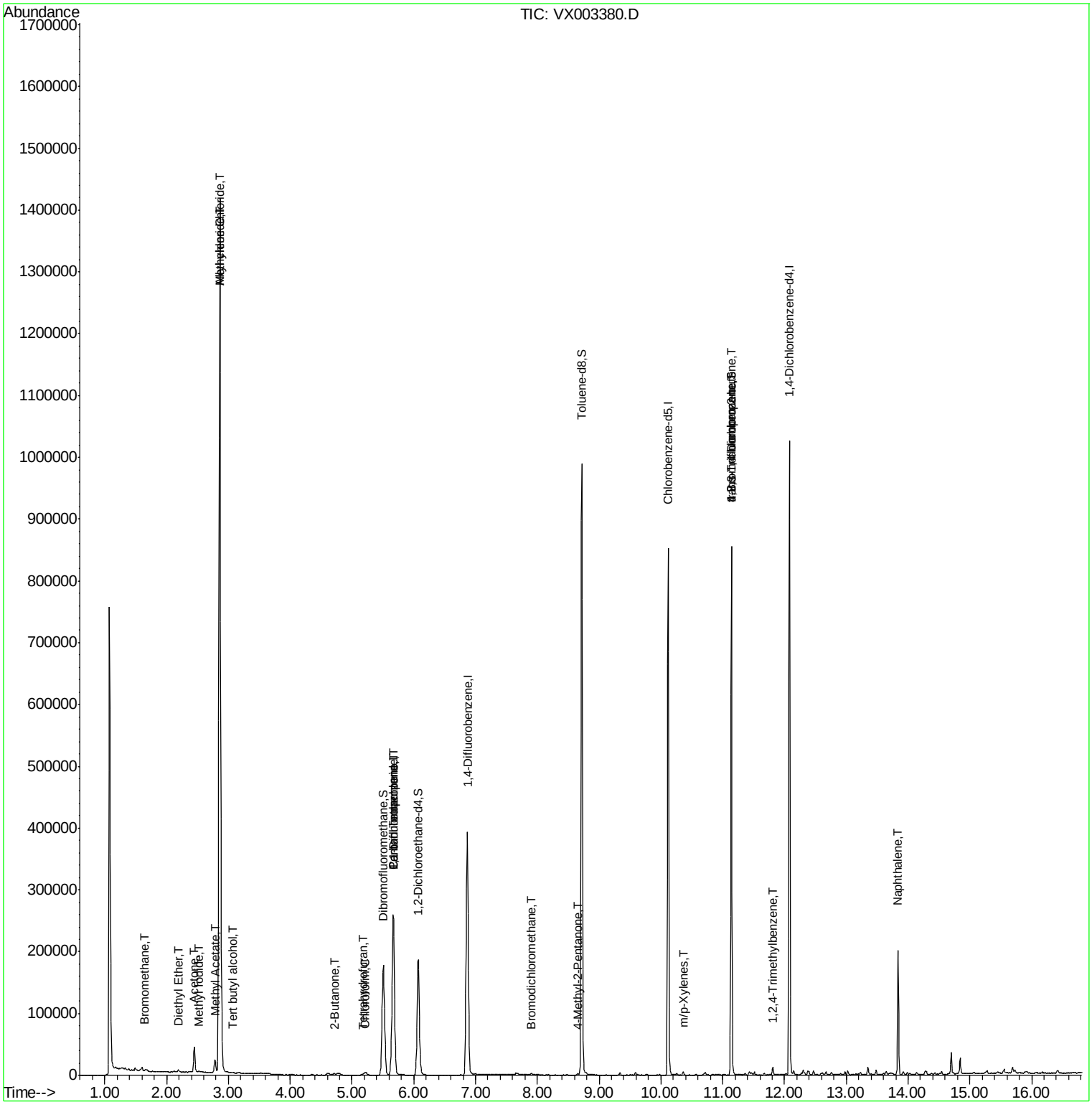
(#) = qualifier out of range (m) = manual integration (+) = signals summed

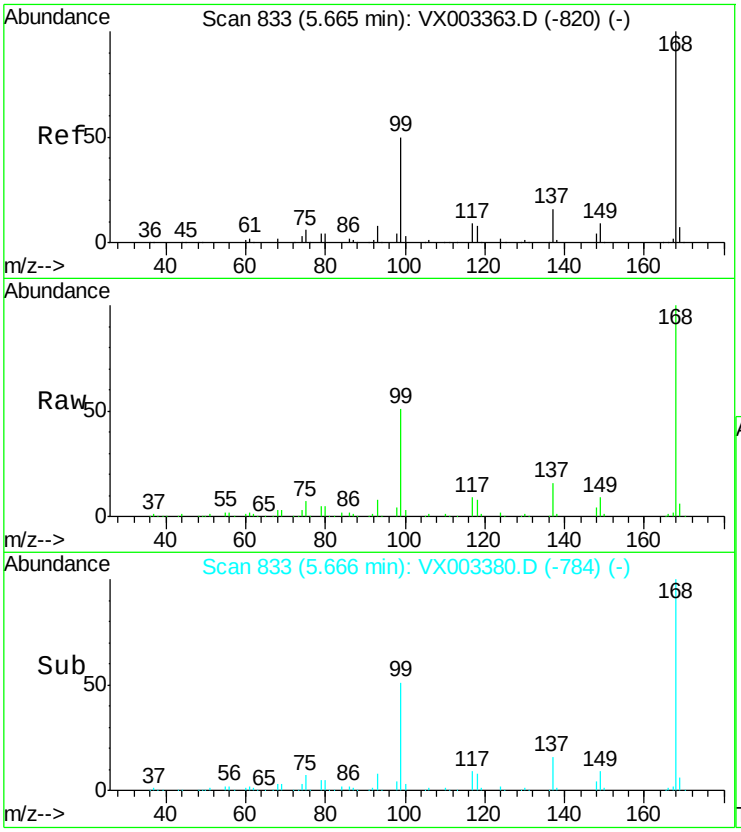
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
Data File : VX003380.D
Acq On : 13 Jul 2018 23:47
Operator : JC/MD
Sample : J3820-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BU-02-071218

Quant Time: Jul 14 02:49:38 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



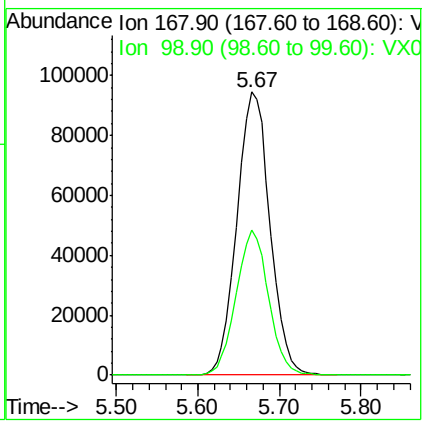


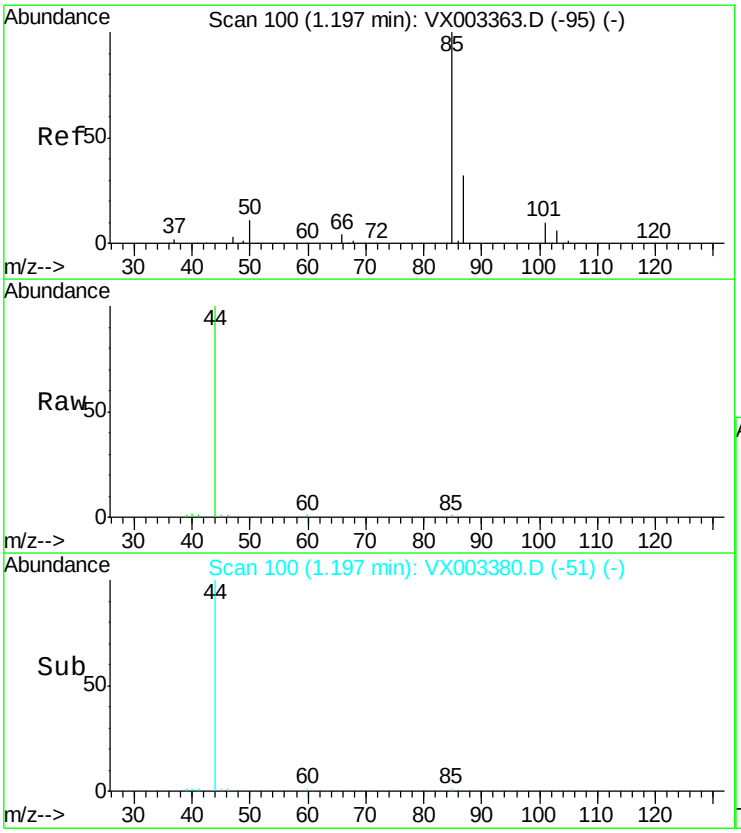
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
BU-02-071218

Tgt Ion:168 Resp: 266513

Ion	Ratio	Lower	Upper
168	100		
99	51.5	39.3	58.9

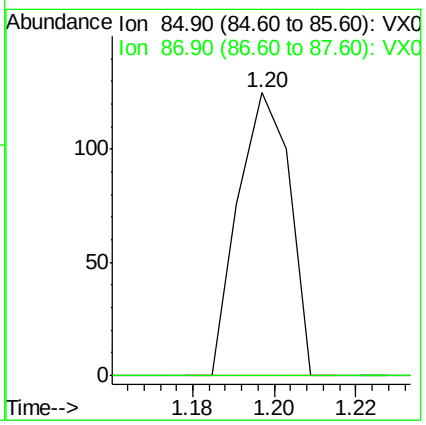


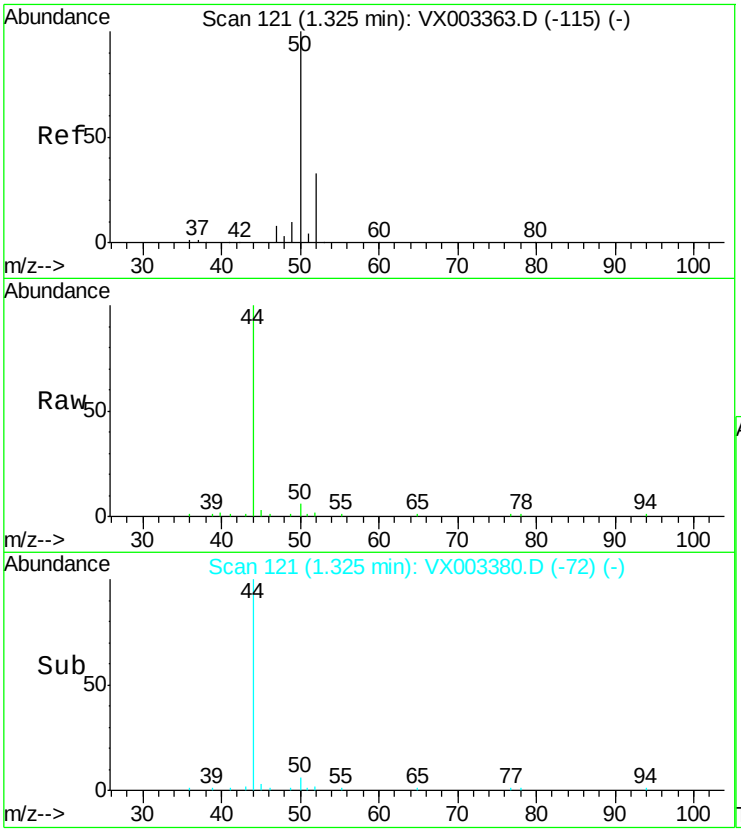


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Tgt Ion: 85 Resp: 110

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#



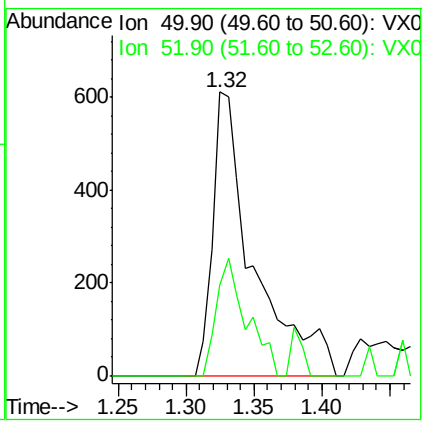


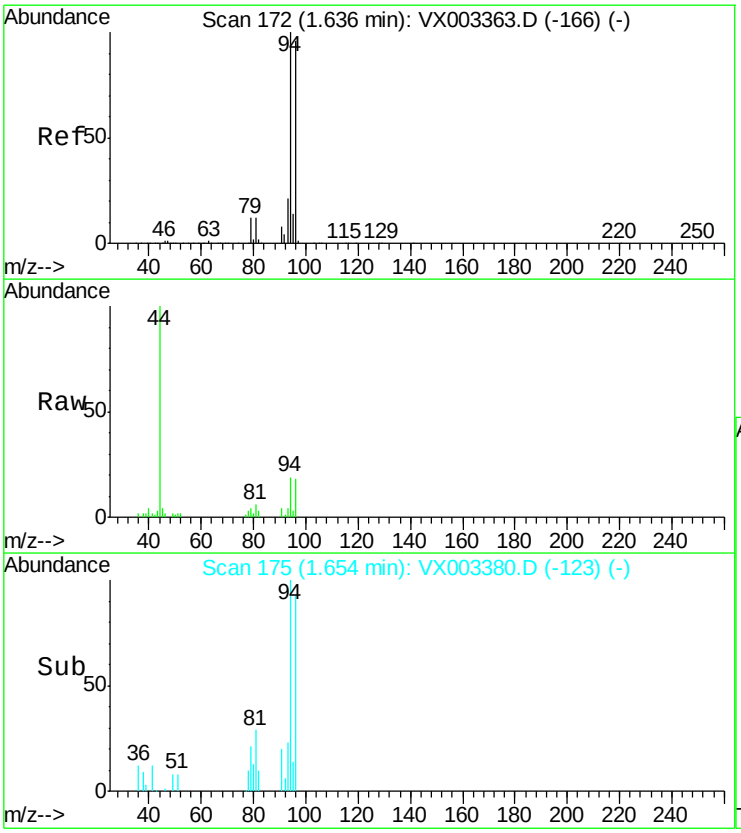
#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
BU-02-071218

Tgt Ion: 50 Resp: 1269

Ion	Ratio	Lower	Upper
50	100		
52	32.1	25.7	38.5

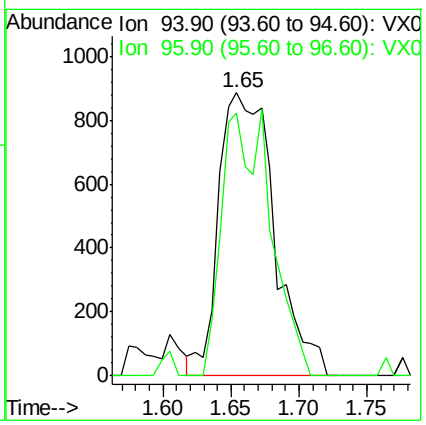


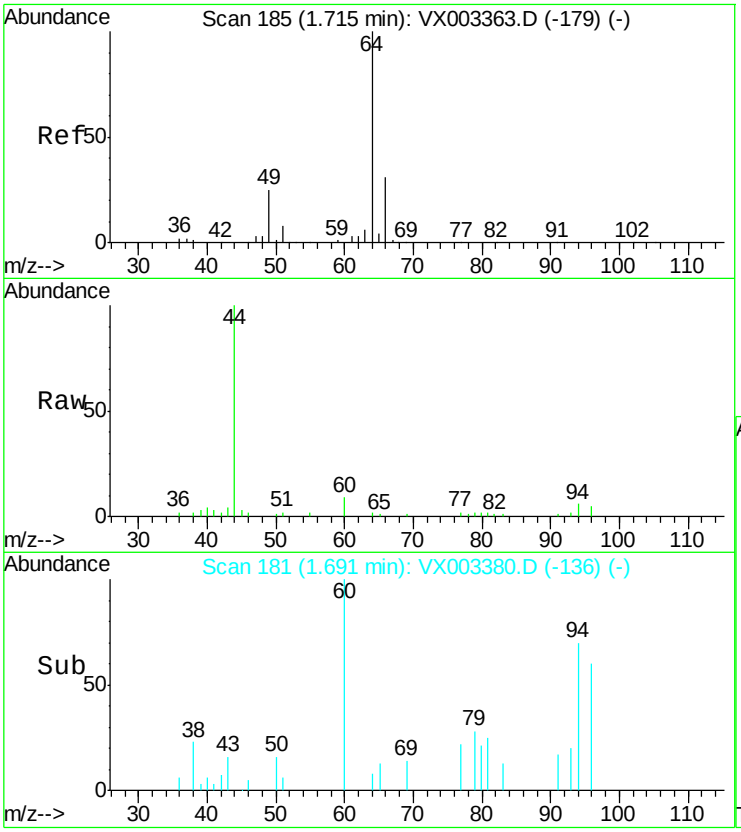


#5
Bromomethane
Concen: 1.29 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Tgt Ion: 94 Resp: 2515

Ion	Ratio	Lower	Upper
94	100		
96	92.9	74.9	112.3



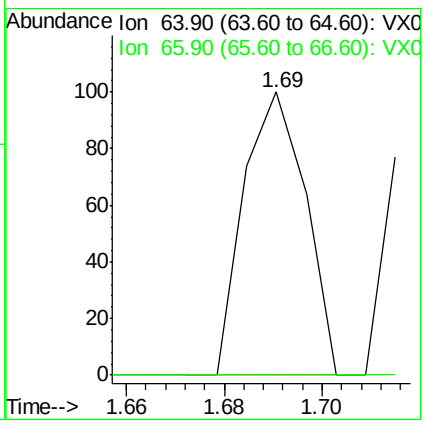


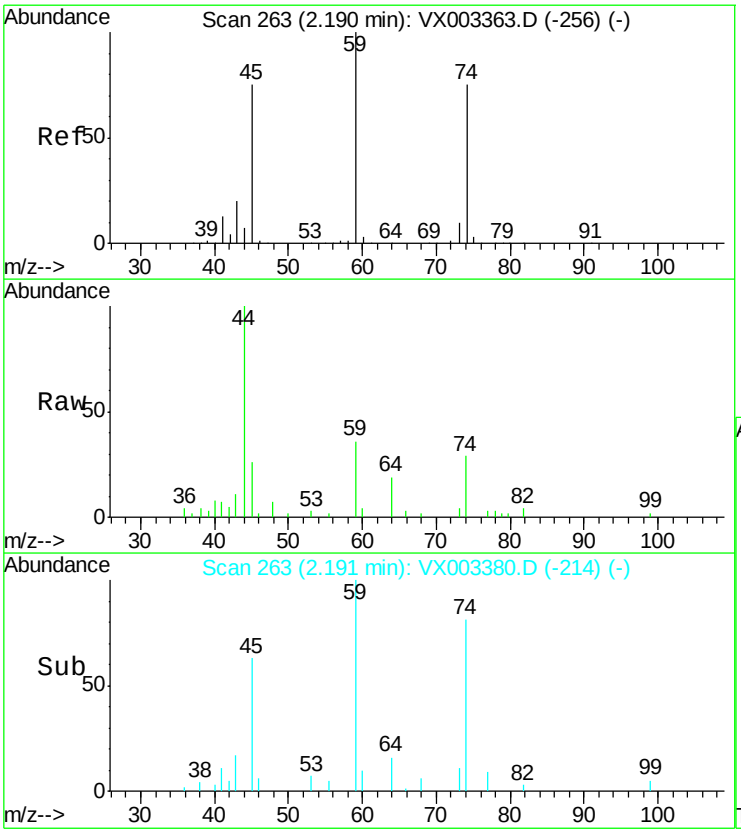
#6
Chloroethane
Concen: Below Cal
RT: 1.69 min Scan# 181
Delta R.T. -0.02 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
BU-02-071218

Tgt Ion: 64 Resp: 87

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#

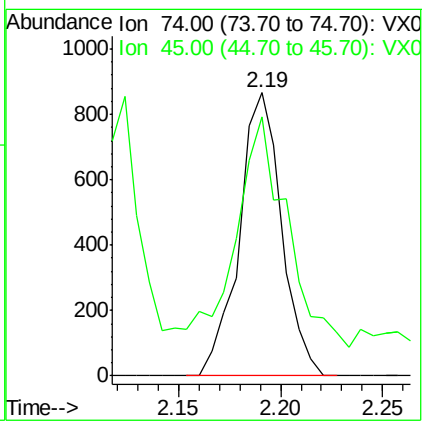


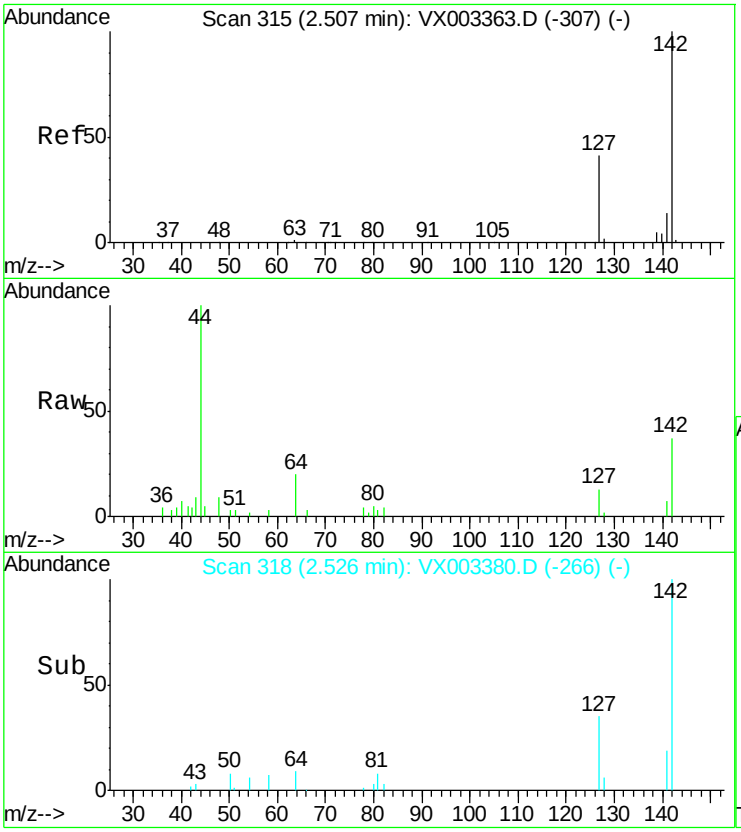


#8
Diethyl Ether
Concen: 0.57 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Tgt Ion: 74 Resp: 1250

Ion	Ratio	Lower	Upper
74	100		
45	96.7	53.1	159.4



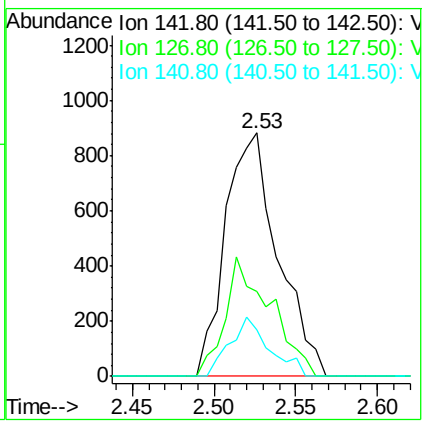


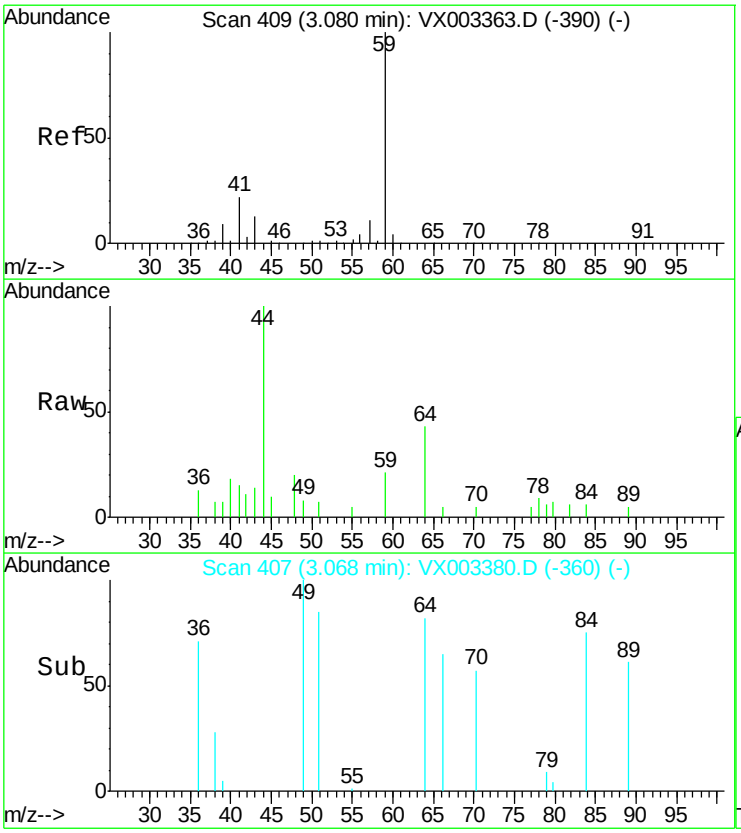
#10
Methyl Iodide
Concen: 0.61 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Instrument : MSVOA_X
ClientSampleId : BU-02-071218

Tgt Ion:142 Resp: 1982

Ion	Ratio	Lower	Upper
142	100		
127	42.3	36.6	55.0
141	18.4	11.3	16.9#

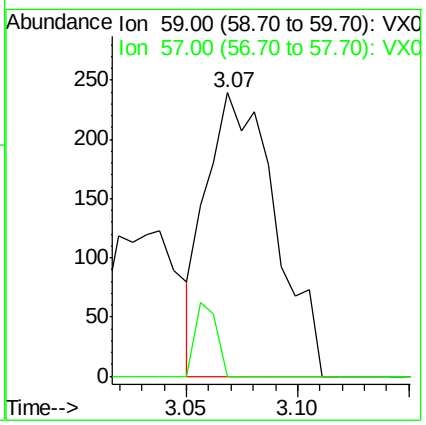


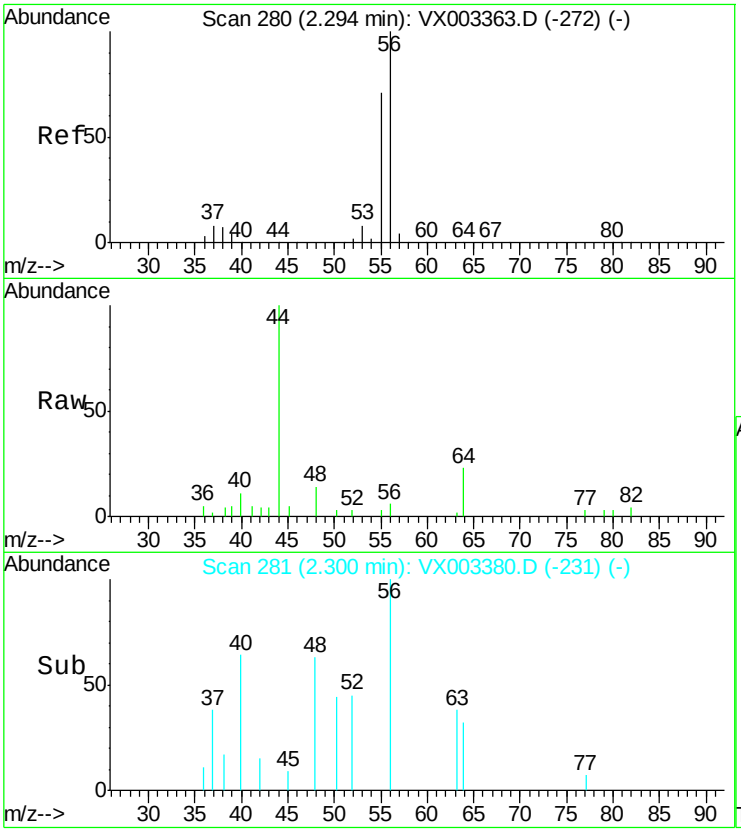


#11
Tert butyl alcohol
Concen: 0.67 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Tgt Ion: 59 Resp: 514

Ion	Ratio	Lower	Upper
59	100		
57	8.2	8.2	12.2



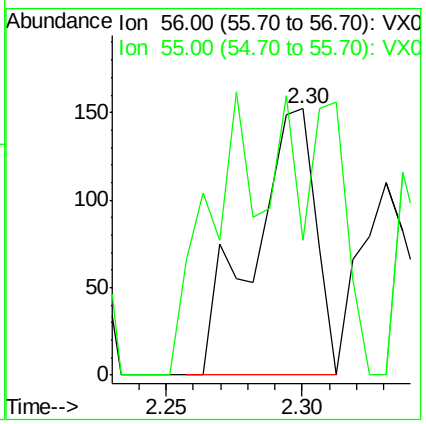


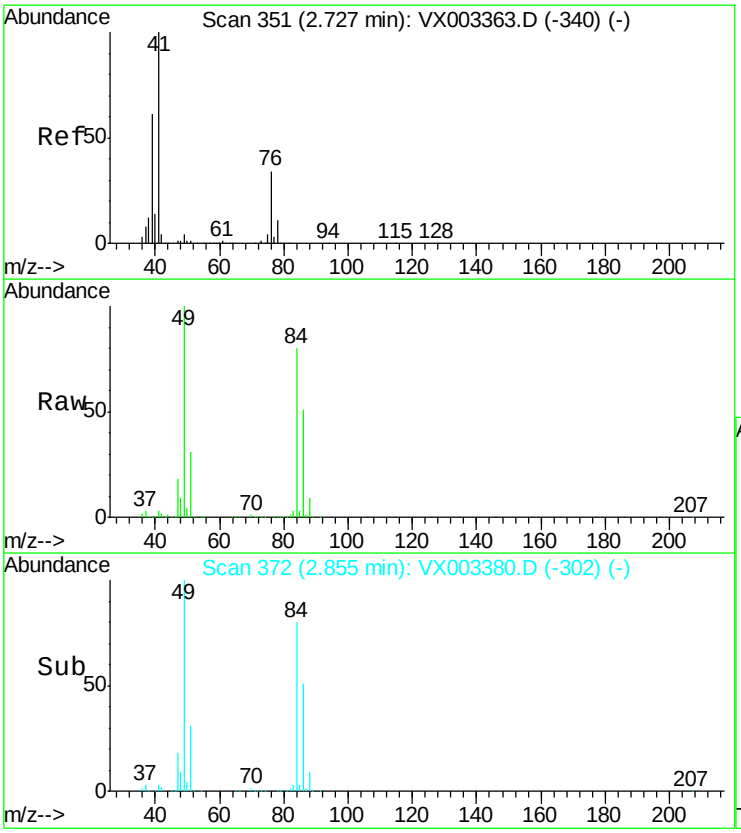
#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
BU-02-071218

Tgt Ion: 56 Resp: 240

Ion	Ratio	Lower	Upper
56	100		
55	13.3	57.0	85.4#

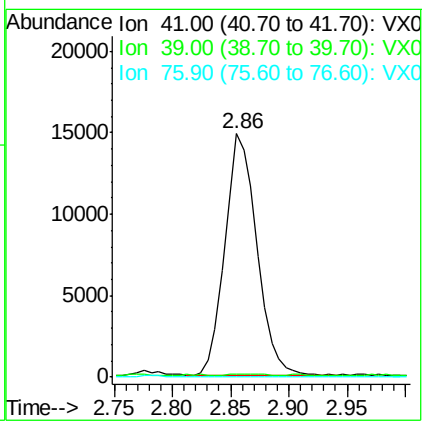


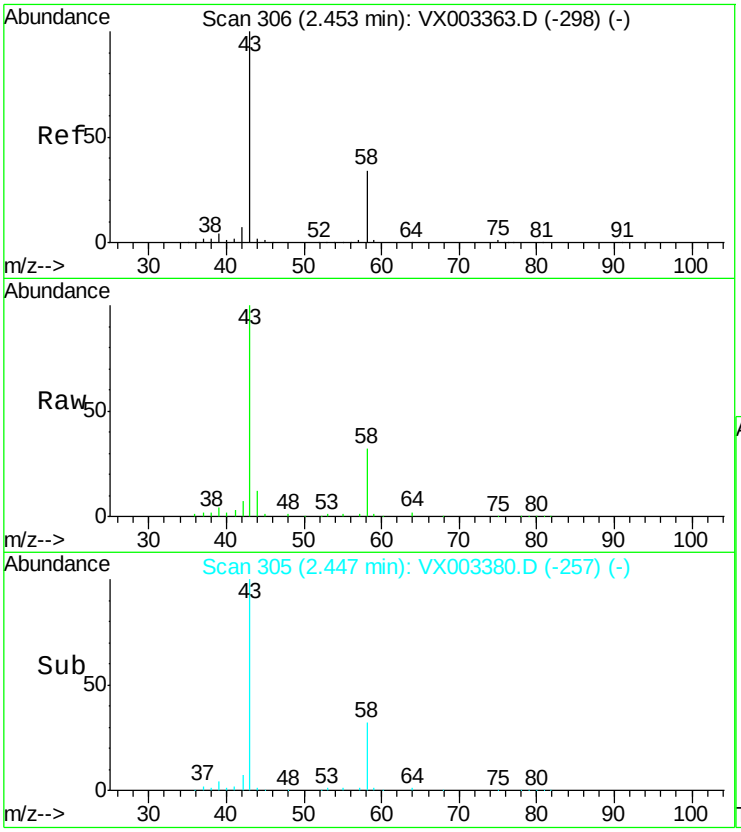


#14
Allyl chloride
Concen: 4.99 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.13 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Tgt Ion: 41 Resp: 28308

Ion	Ratio	Lower	Upper
41	100		
39	0.6	56.8	85.2#
76	0.0	23.8	35.8#



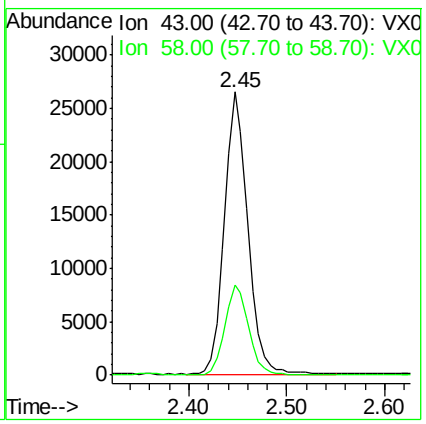


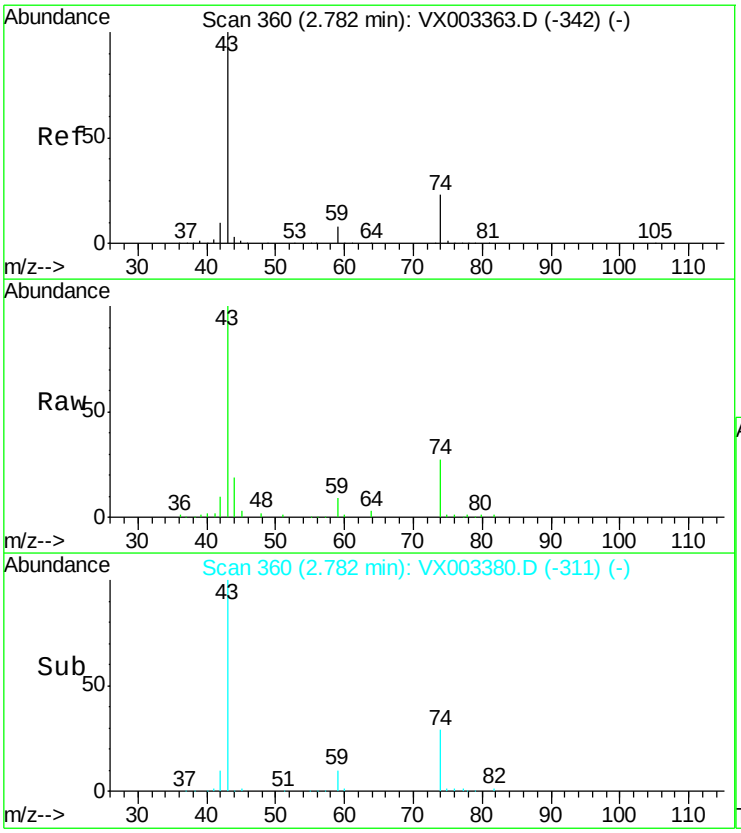
#16
Acetone
Concen: 29.25 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
BU-02-071218

Tgt Ion: 43 Resp: 43754

Ion	Ratio	Lower	Upper
43	100		
58	32.1	22.1	33.1

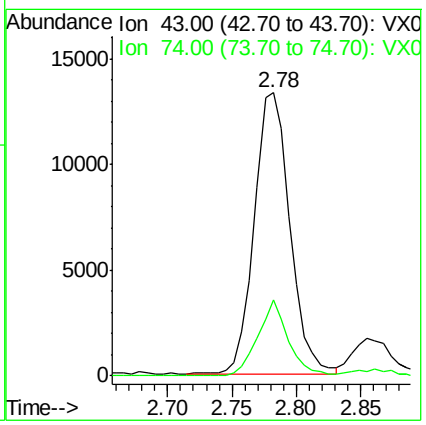


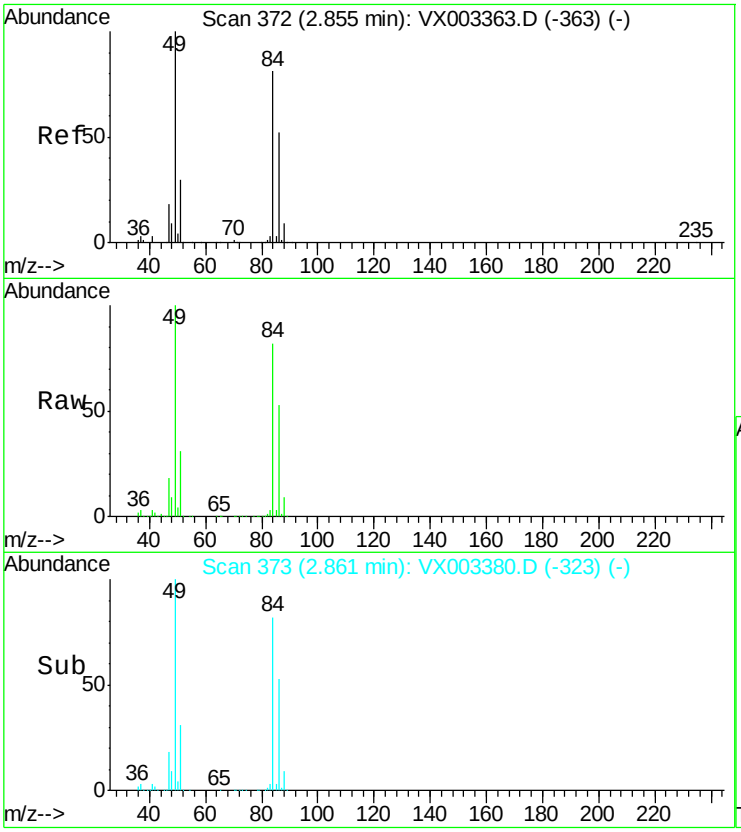


#18
Methyl Acetate
Concen: 5.49 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Tgt Ion: 43 Resp: 25506

Ion	Ratio	Lower	Upper
43	100		
74	23.0	16.7	25.1



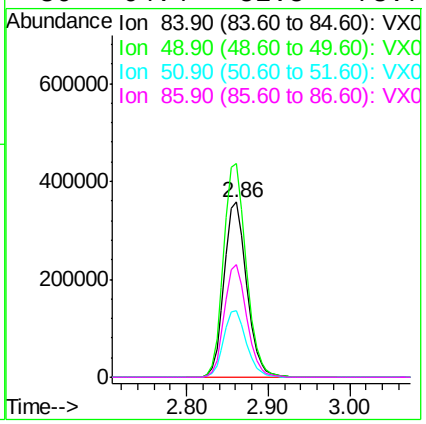


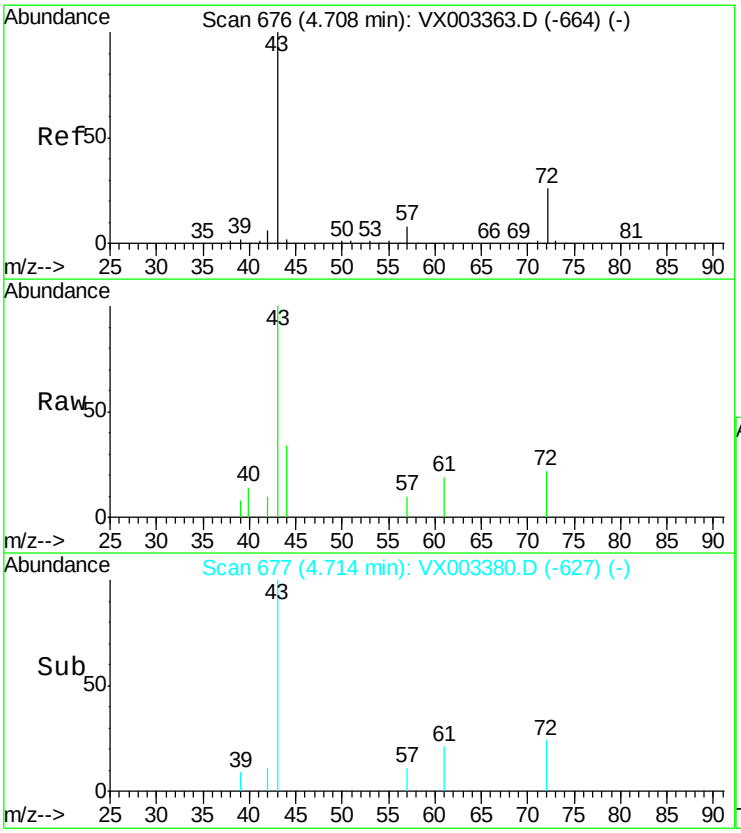
#20
Methylene Chloride
Concen: 218.79 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Instrument : MSVOA_X
ClientSampleId : BU-02-071218

Tgt Ion: 84 Resp: 682586

Ion	Ratio	Lower	Upper
84	100		
49	121.9	107.8	161.6
51	37.7	32.8	49.2
86	64.4	52.5	78.7

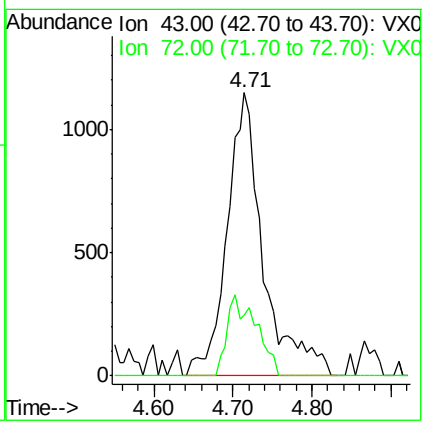


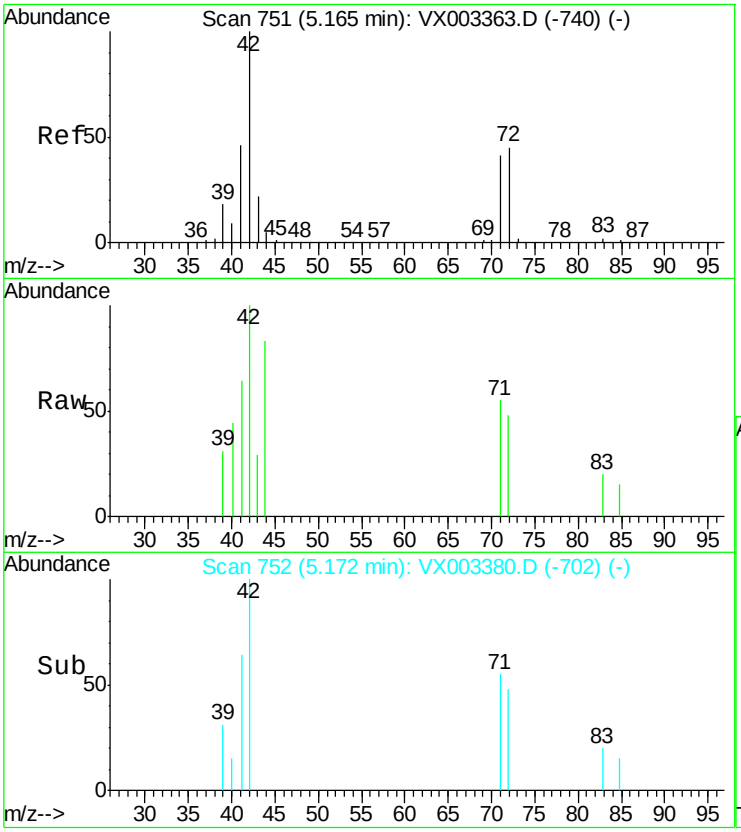


#25
2-Butanone
Concen: 1.58 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Tgt Ion: 43 Resp: 3668

Ion	Ratio	Lower	Upper
43	100		
72	21.6	18.5	27.7



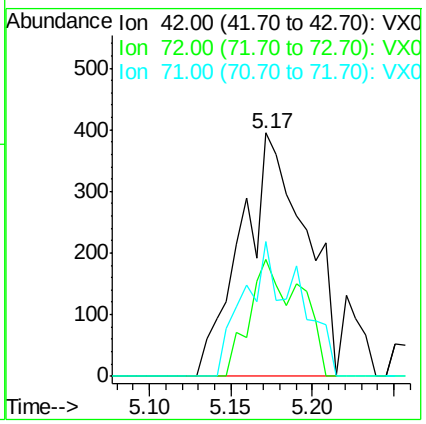


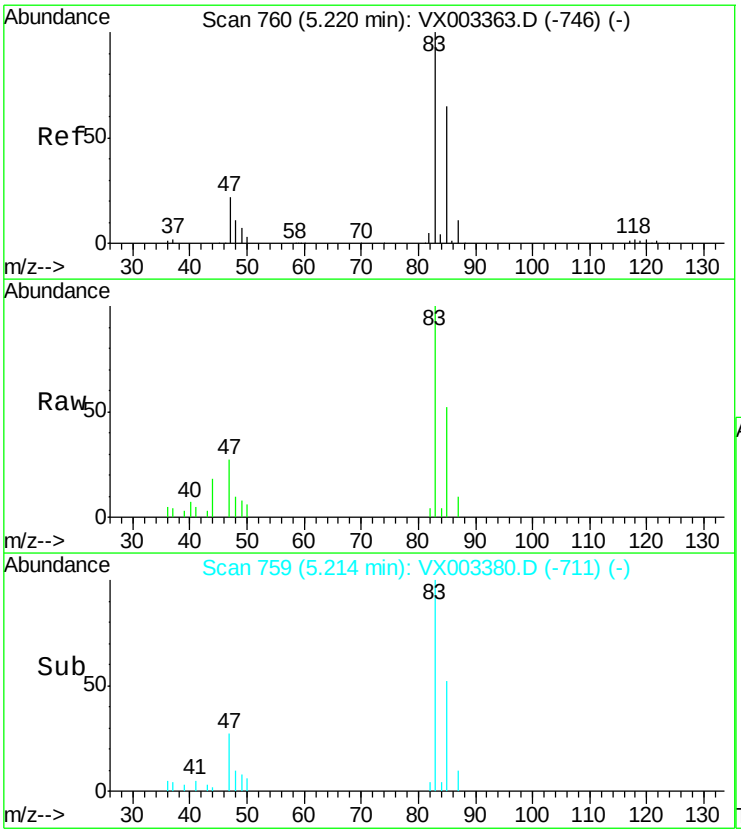
#29
Tetrahydrofuran
Concen: 0.72 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
BU-02-071218

Tgt Ion: 42 Resp: 1069

Ion	Ratio	Lower	Upper
42	100		
72	25.3	32.0	48.0#
71	31.7	30.1	45.1

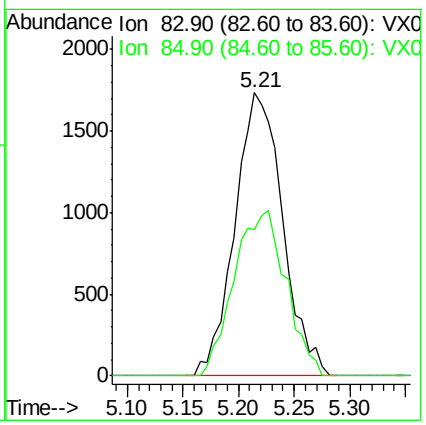


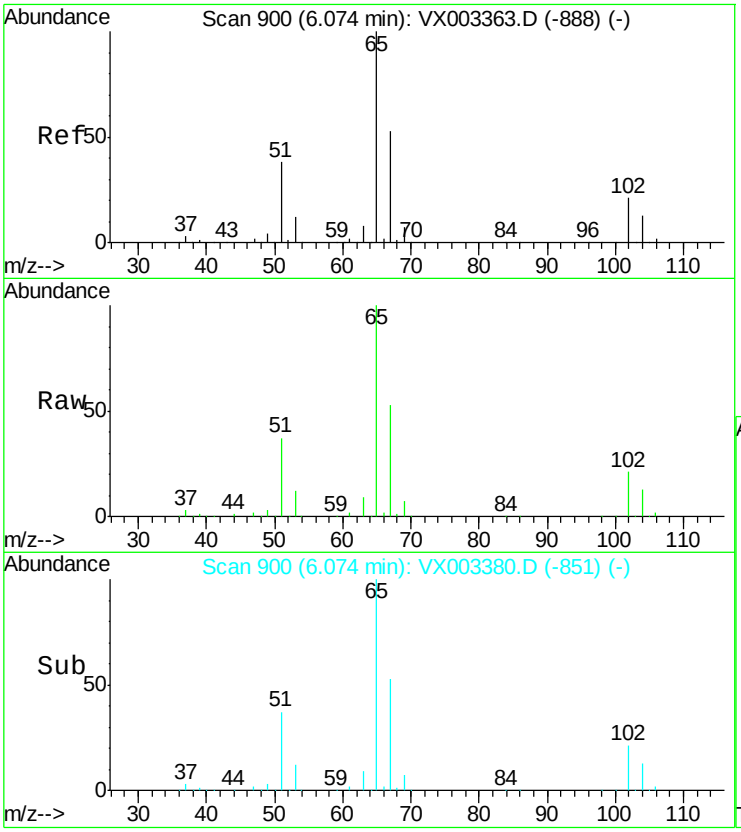


#30
Chloroform
Concen: 0.90 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Tgt Ion: 83 Resp: 5180

Ion	Ratio	Lower	Upper
83	100		
85	51.8	50.4	75.6



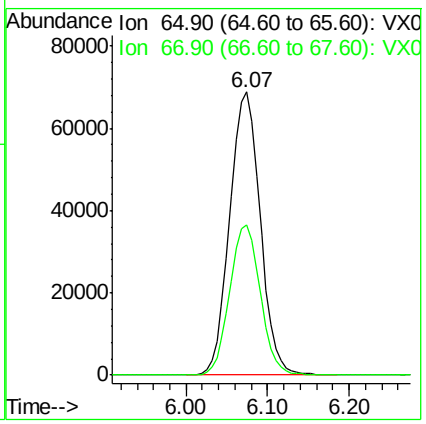


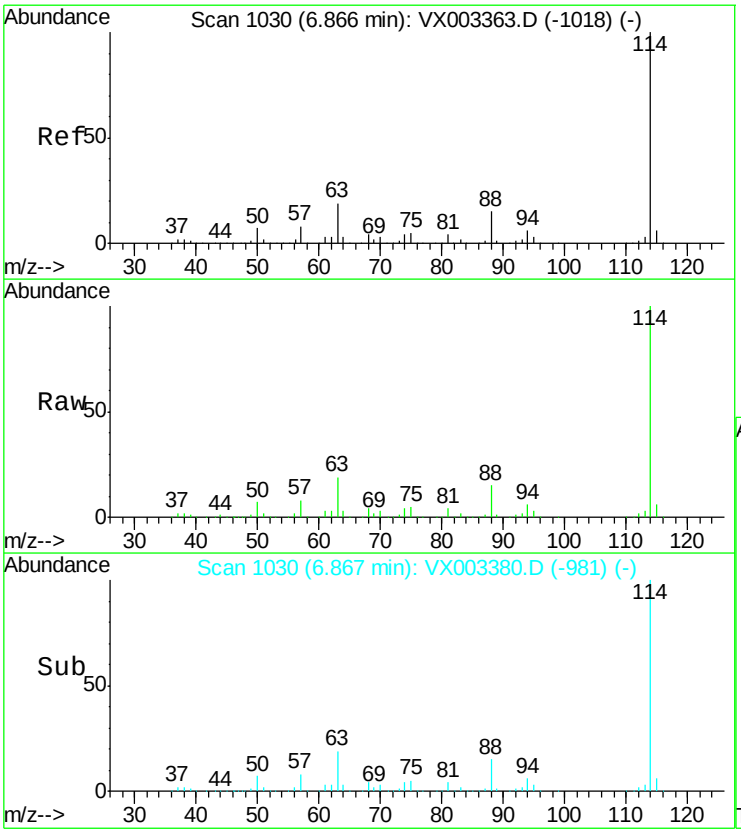
#33
1,2-Dichloroethane-d4
Concen: 61.46 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
BU-02-071218

Tgt Ion: 65 Resp: 178254

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	102.6

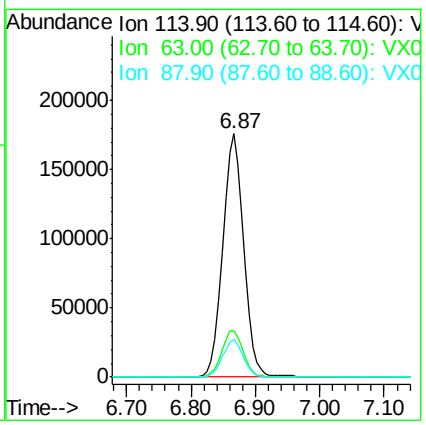


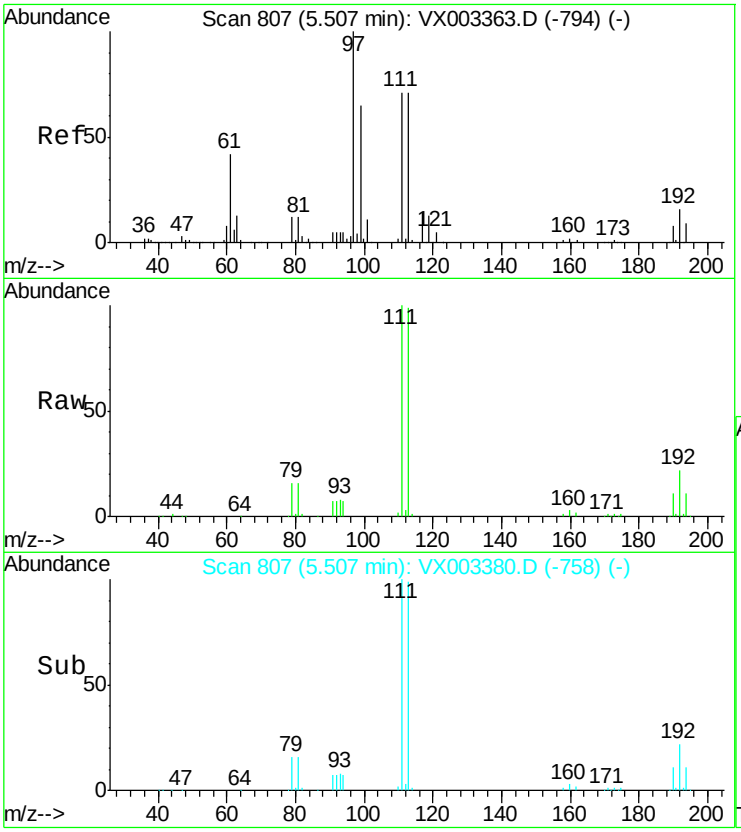


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Tgt Ion:114 Resp: 405174

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	41.4
88	15.3	0.0	30.0



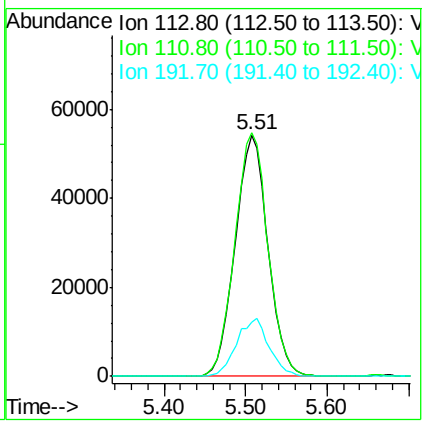


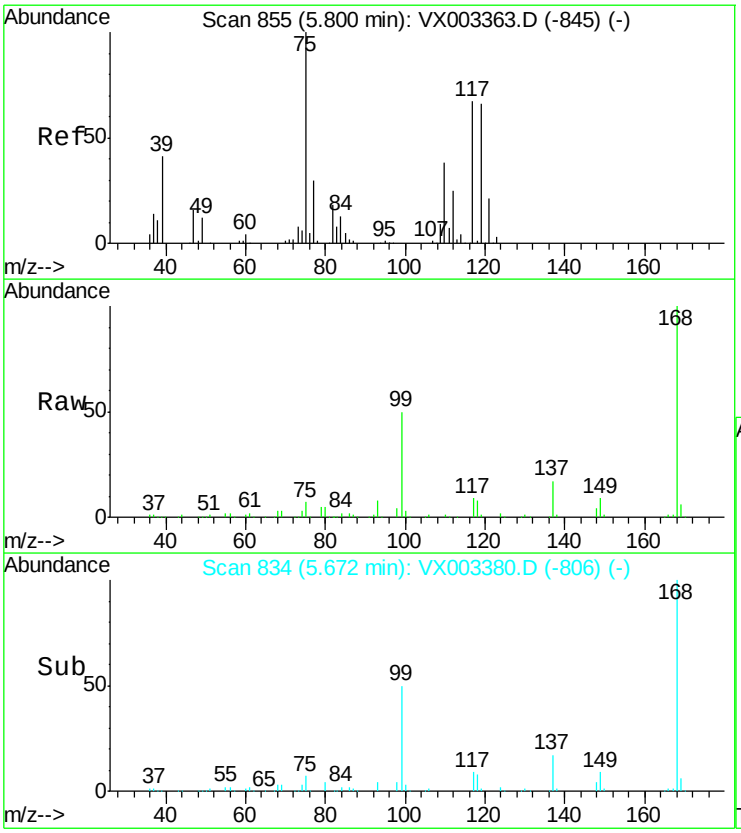
#35
Dibromofluoromethane
Concen: 50.76 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
BU-02-071218

Tgt Ion:113 Resp: 151373

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	23.6	19.1	28.7

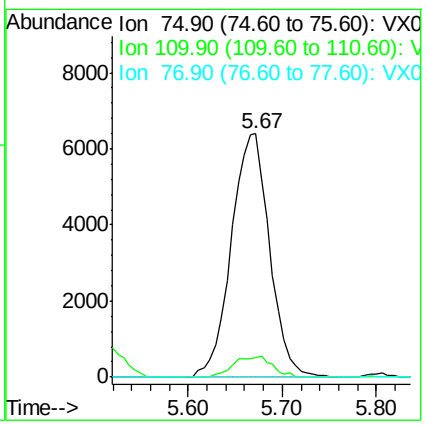


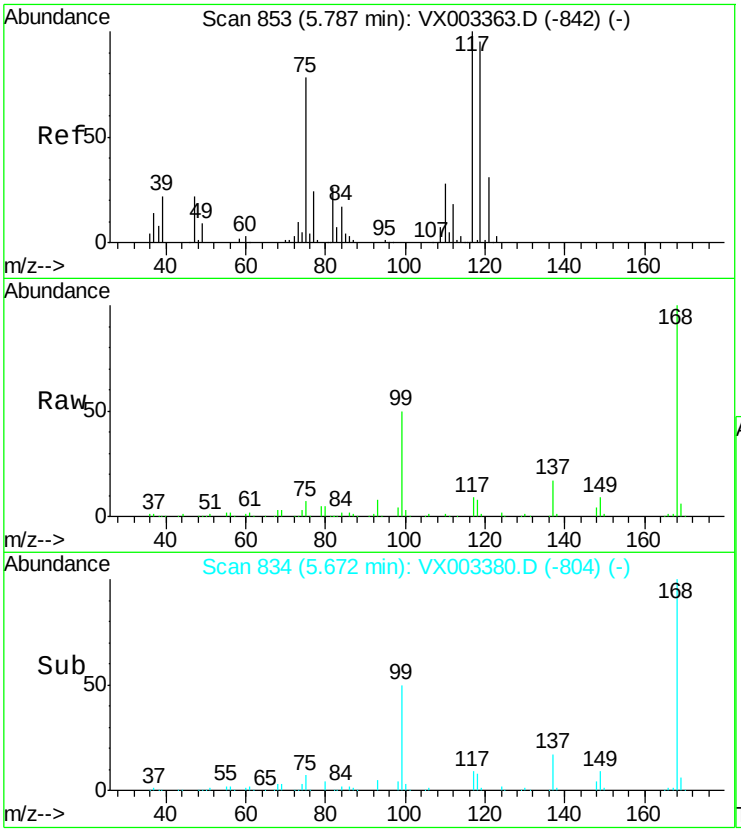


#36
1,1-Dichloropropene
Concen: 4.20 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Tgt Ion: 75 Resp: 18087

Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.4#
77	0.0	24.3	36.5#



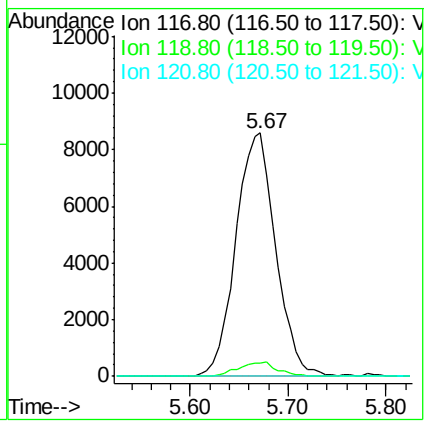


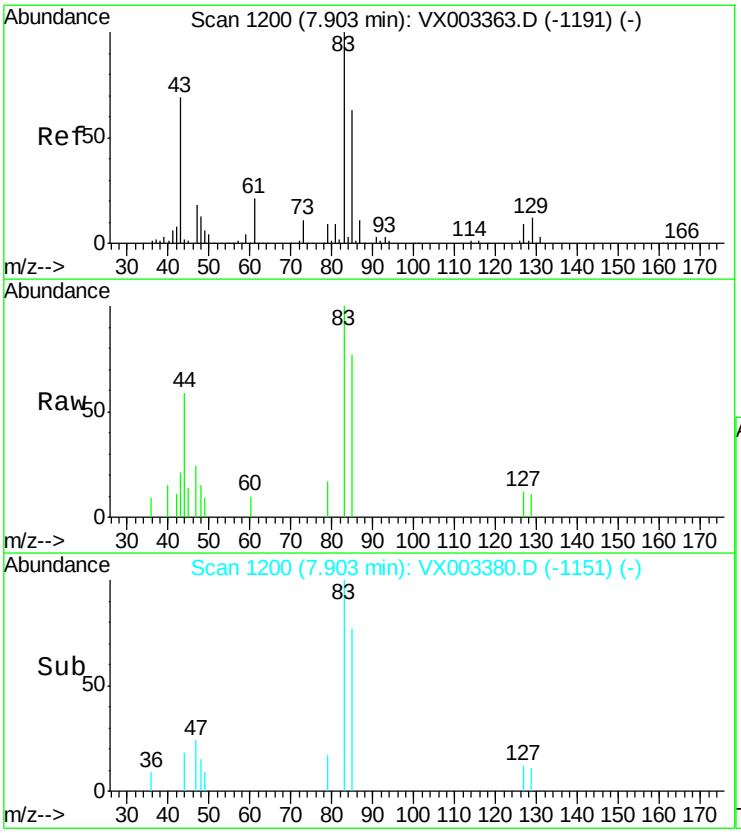
#38
Carbon Tetrachloride
Concen: 5.52 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
BU-02-071218

Tgt Ion:117 Resp: 24226

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.4	116.0#
121	0.0	24.4	36.6#

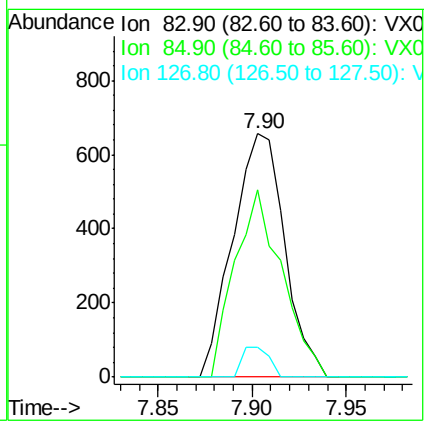


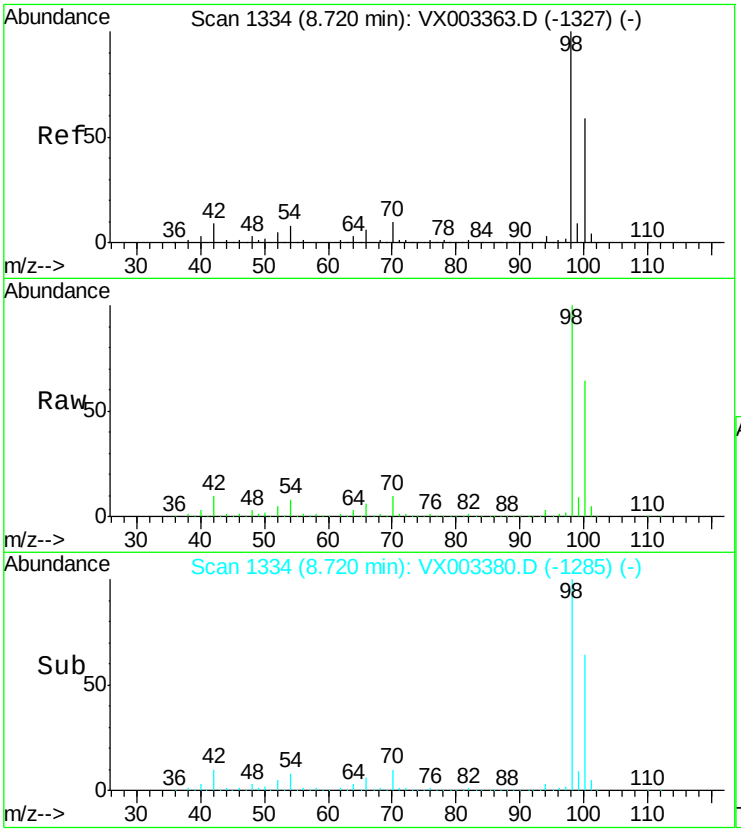


#47
Bromodichloromethane
Concen: 0.29 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Tgt Ion: 83 Resp: 1252

Ion	Ratio	Lower	Upper
83	100		
85	77.2	50.3	75.5#
127	12.0	7.0	10.4#



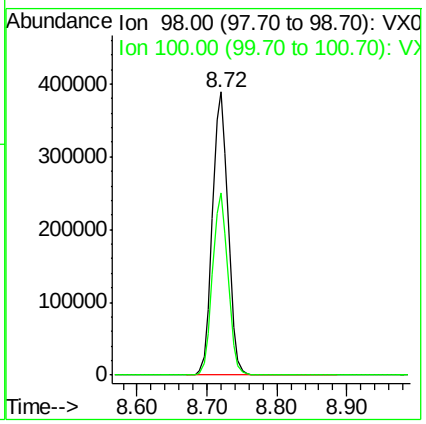


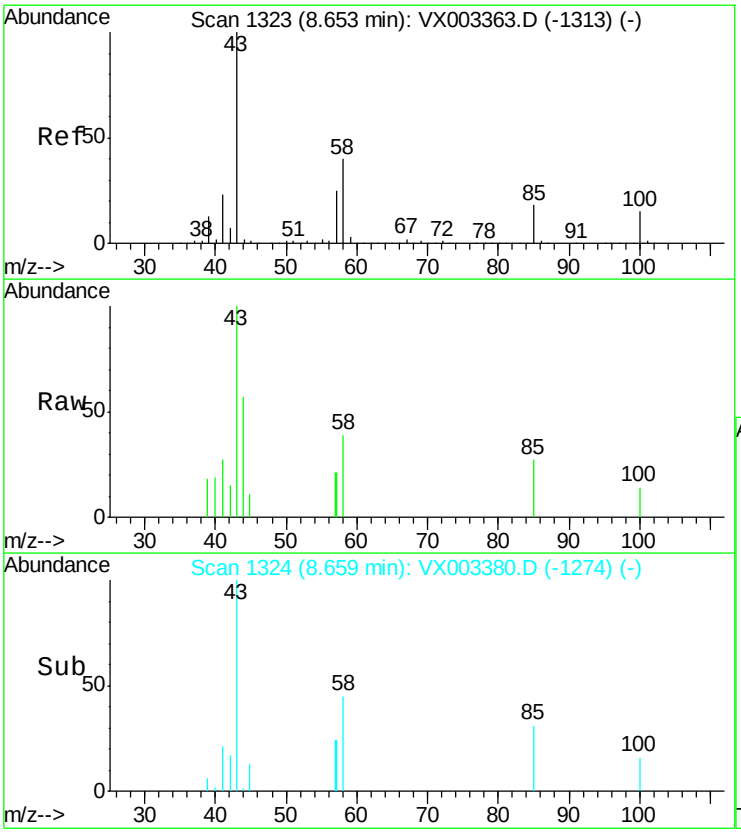
#50
Toluene-d8
Concen: 62.16 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Instrument : MSVOA_X
ClientSampleId : BU-02-071218

Tgt Ion: 98 Resp: 604000

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3

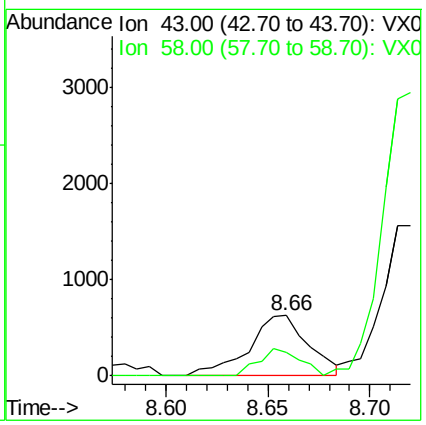


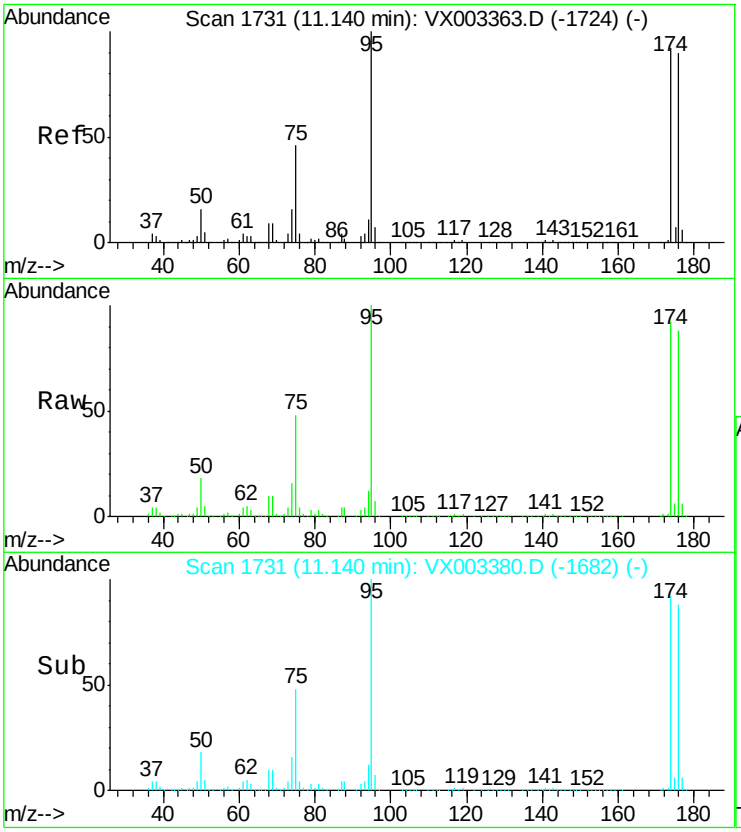


#51
4-Methyl-2-Pentanone
Concen: 0.27 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Tgt Ion: 43 Resp: 1287

Ion	Ratio	Lower	Upper
43	100		
58	31.3	28.6	42.8



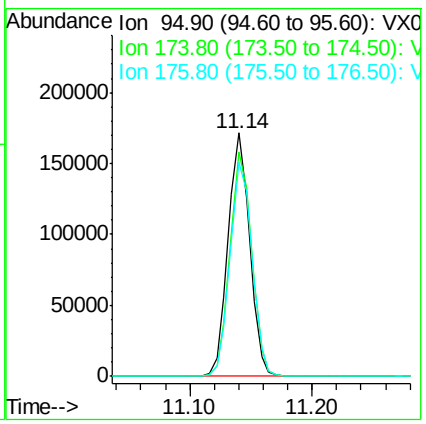


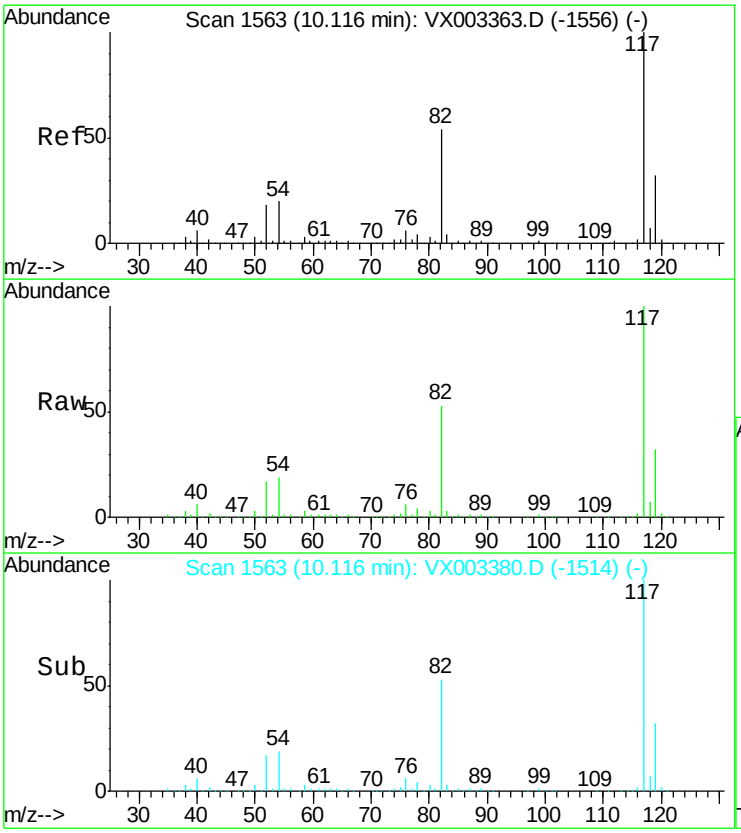
#62
4-Bromofluorobenzene
Concen: 50.16 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
BU-02-071218

Tgt Ion: 95 Resp: 208293

Ion	Ratio	Lower	Upper
95	100		
174	93.1	0.0	187.4
176	89.5	0.0	181.0

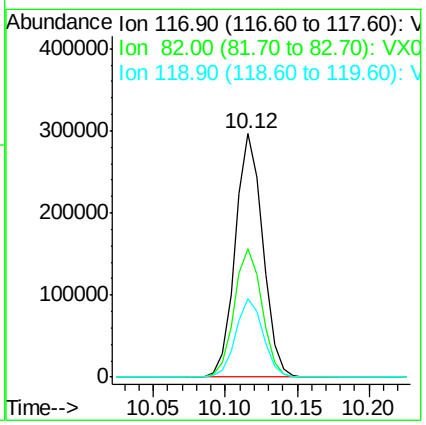


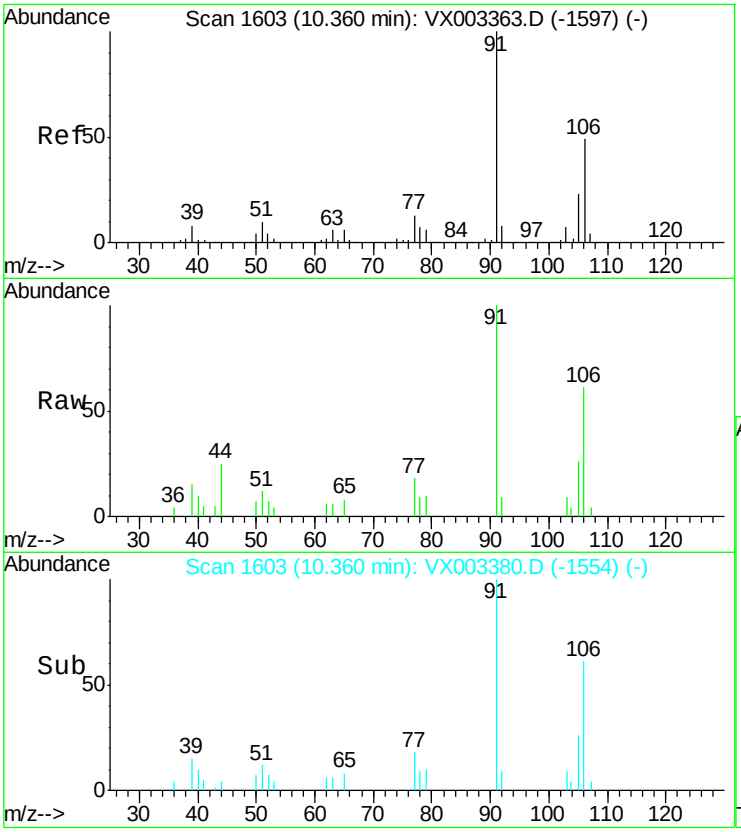


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Tgt Ion:117 Resp: 394505

Ion	Ratio	Lower	Upper
117	100		
82	52.9	45.0	67.4
119	32.0	25.8	38.6



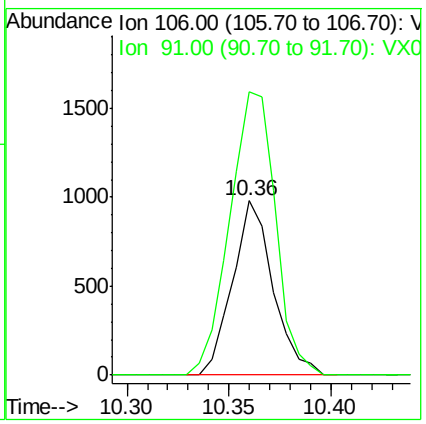


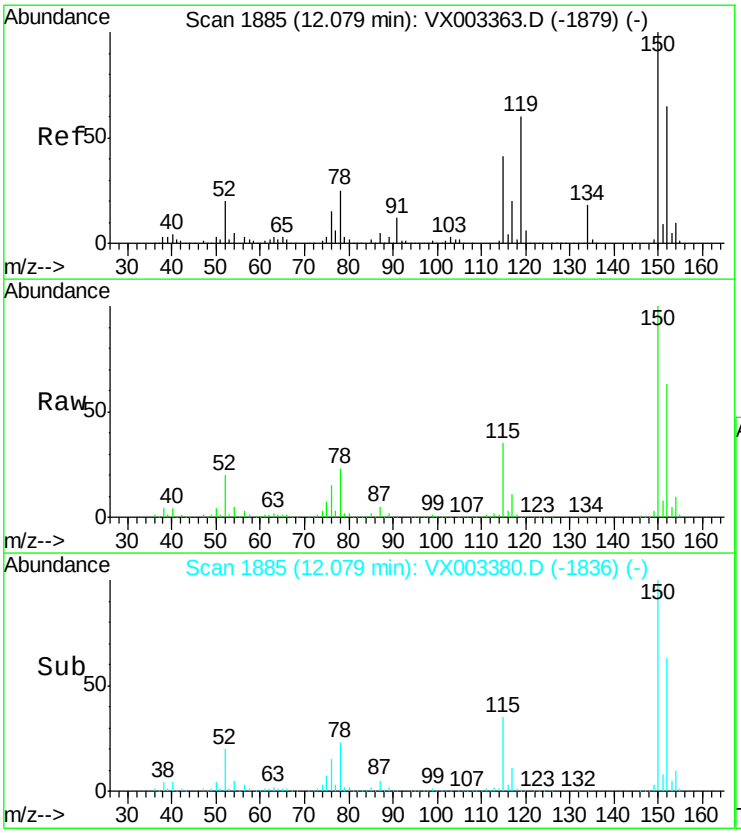
#68
m/p-Xylenes
Concen: 0.21 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Instrument : MSVOA_X
ClientSampleId : BU-02-071218

Tgt Ion:106 Resp: 1352

Ion	Ratio	Lower	Upper
106	100		
91	183.9	163.4	245.2

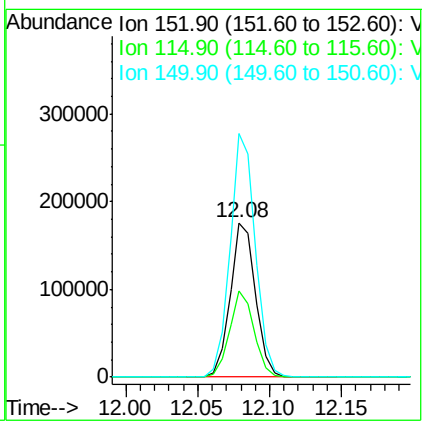


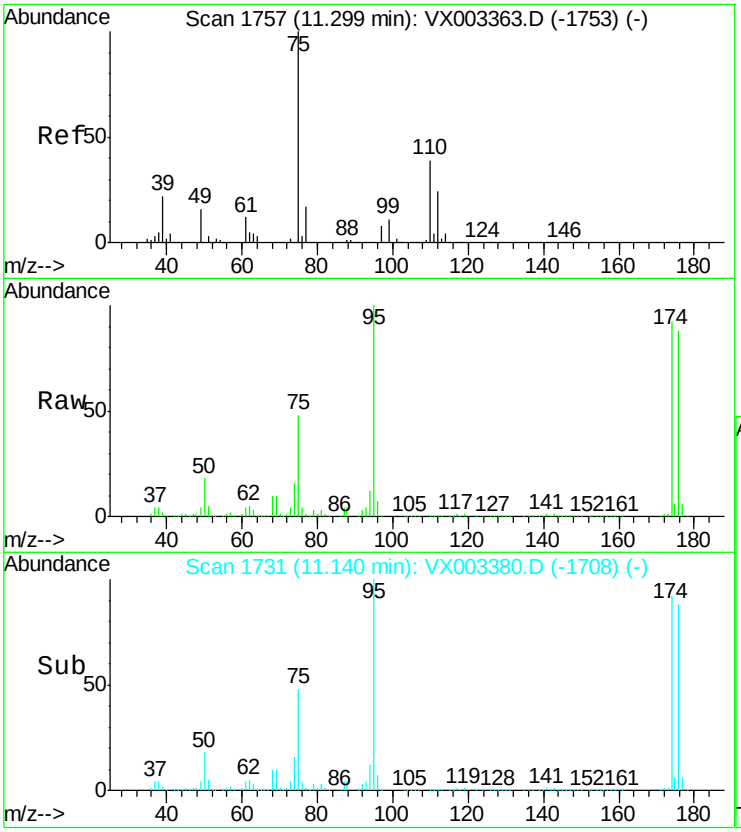


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Tgt Ion:152 Resp: 215927

Ion	Ratio	Lower	Upper
152	100		
115	54.5	40.1	120.2
150	157.8	0.0	347.2



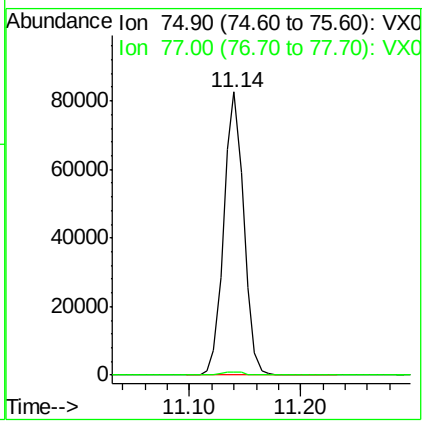


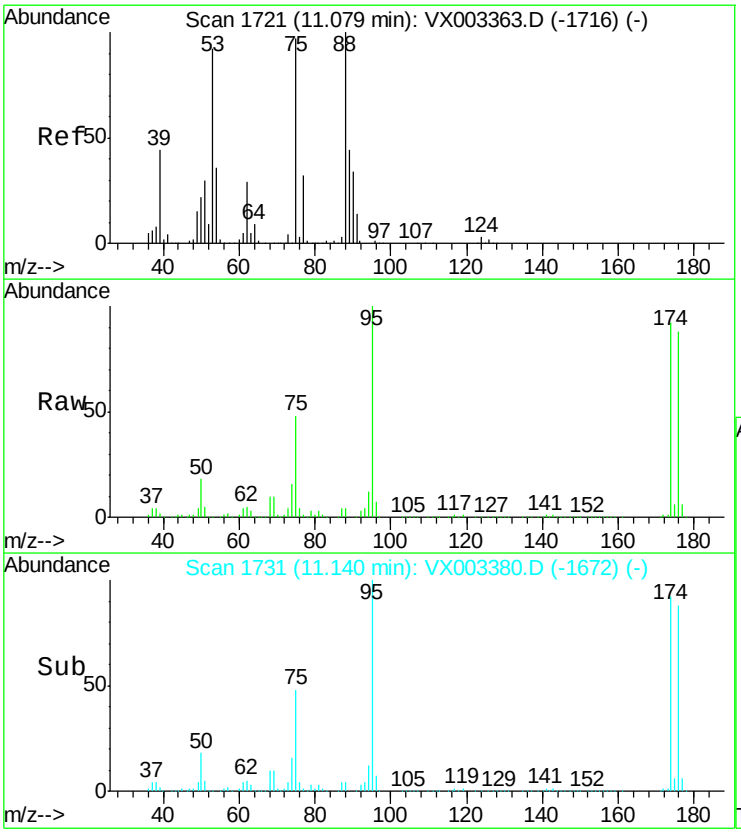
#76
1,2,3-Trichloropropane
Concen: 23.98 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
BU-02-071218

Tgt Ion: 75 Resp: 102287

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#

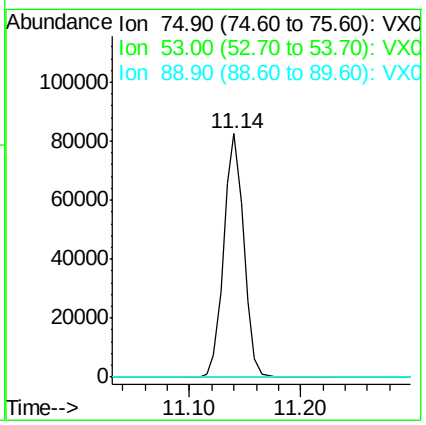


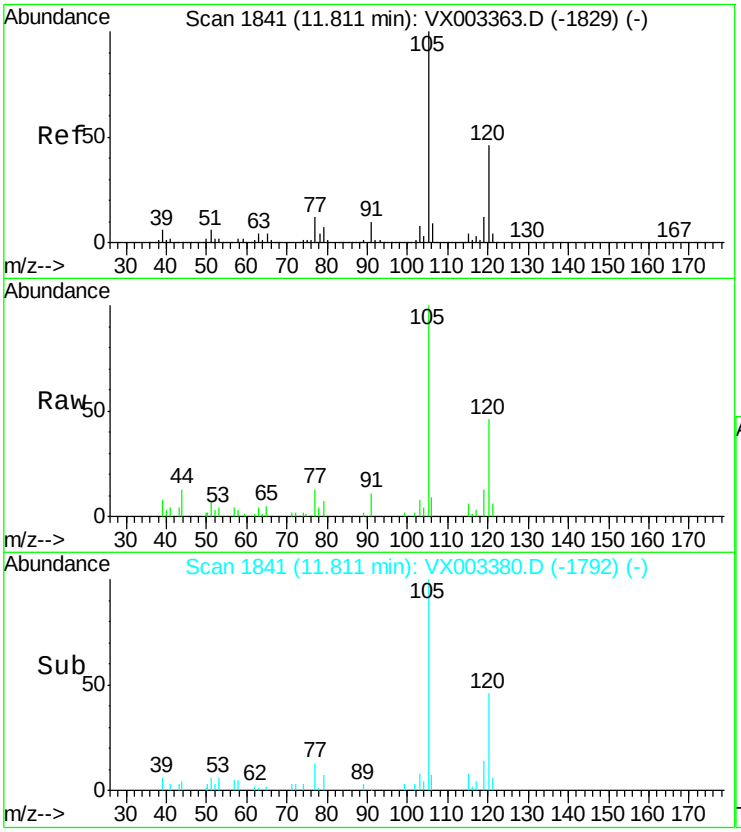


#81
trans-1,4-Dichloro-2-butene
Concen: 79.94 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Tgt Ion: 75 Resp: 102287

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



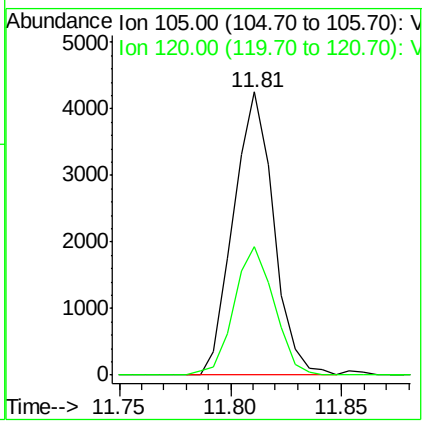


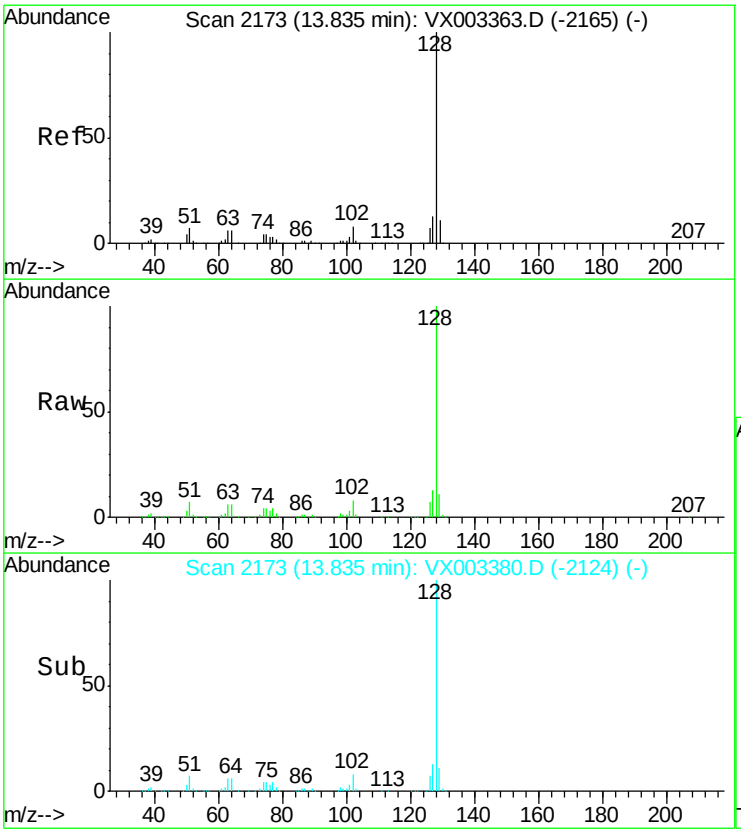
#84
1,2,4-Trimethylbenzene
Concen: 0.43 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
BU-02-071218

Tgt Ion:105 Resp: 5345

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.3	66.8





#95
Naphthalene
Concen: 8.53 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Tgt Ion:128 Resp: 128969

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.7	8.6	13.0