Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041019\
Data File : VX008840.D
Acq On : 11 Apr 2019 05:48
Operator : JC/SP
Sample : K2343-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BFB

Quant Time: Apr 11 08:51:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 11 08:05:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	194859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	317854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129546	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.16%			
35) Dibromofluoromethane	5.50	113	94869	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.36%			
50) Toluene-d8	8.71	98	401459	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.22%			
62) 4-Bromofluorobenzene	11.13	95	134381	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.66%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	660	Below Cal		96
5) Bromomethane	1.64	94	205	2.017	ug/l #	32
6) Chloroethane	1.70	64	57	Below Cal	#	43
11) Tert butyl alcohol	3.04	59	434	0.652	ug/l #	72
13) Acrolein	2.31	56	168	0.509	ug/l #	31
16) Acetone	2.44	43	10495	6.411	ug/l	97
17) Carbon Disulfide	2.57	76	405	Below Cal	#	75
18) Methyl Acetate	2.78	43	4296	1.082	ug/l	99
20) Methylene Chloride	2.85	84	28394	10.362	ug/l	98
25) 2-Butanone	4.69	43	2428	0.938	ug/l	93
28) Bromochloromethane	5.01	49	20	Below Cal	#	22
29) Tetrahydrofuran	5.15	42	2184	1.272	ug/l #	63
30) Chloroform	5.20	83	1429	0.325	ug/l	92
31) Cyclohexane	5.67	56	4566	0.930	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	15563	4.479	ug/l #	50
38) Carbon Tetrachloride	5.66	117	18215	6.334	ug/l #	17
43) Isopropyl Acetate	6.45	43	11010	1.515	ug/l	100
48) Methyl methacrylate	7.68	41	6159	1.676	ug/l #	19
49) 1,4-Dioxane	7.87	88	201	2.920	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	79389	16.975	ug/l #	50
54) cis-1,3-Dichloropropene	8.61	75	34680	8.386	ug/l #	58
57) 1,3-Dichloropropane	9.54	76	8300	1.887	ug/l #	44
59) 2-Hexanone	9.54	43	131773	36.256	ug/l #	52
74) N-amyl acetate	10.69	43	13727	2.413	ug/l #	56
76) 1,2,3-Trichloropropane	11.13	75	68645	21.420	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.50	105	3648	0.450	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	68645	59.045	ug/l #	9
95) Naphthalene	13.83	128	5591	0.582	ug/l	100

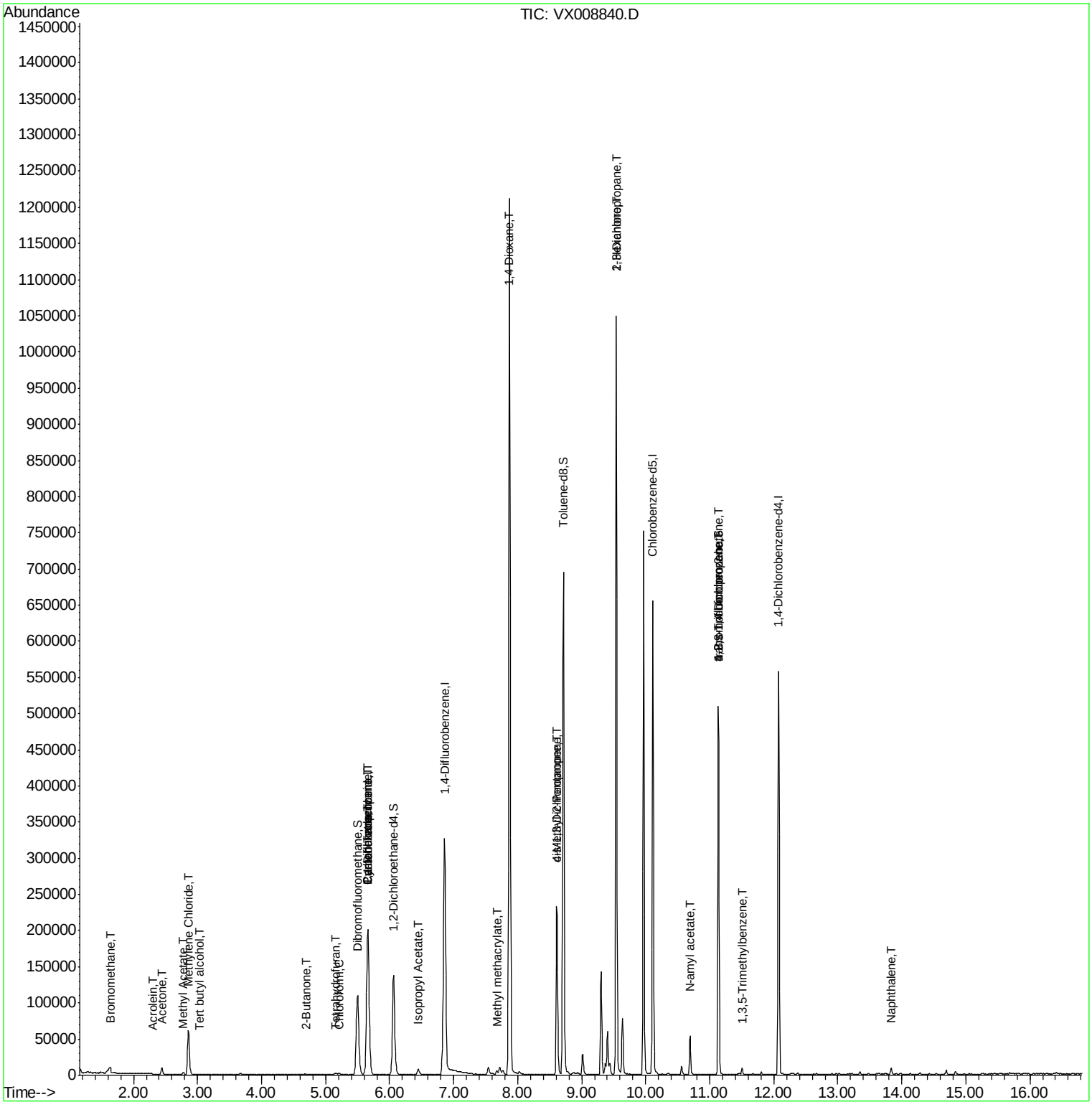
(#) = qualifier out of range (m) = manual integration (+) = signals summed

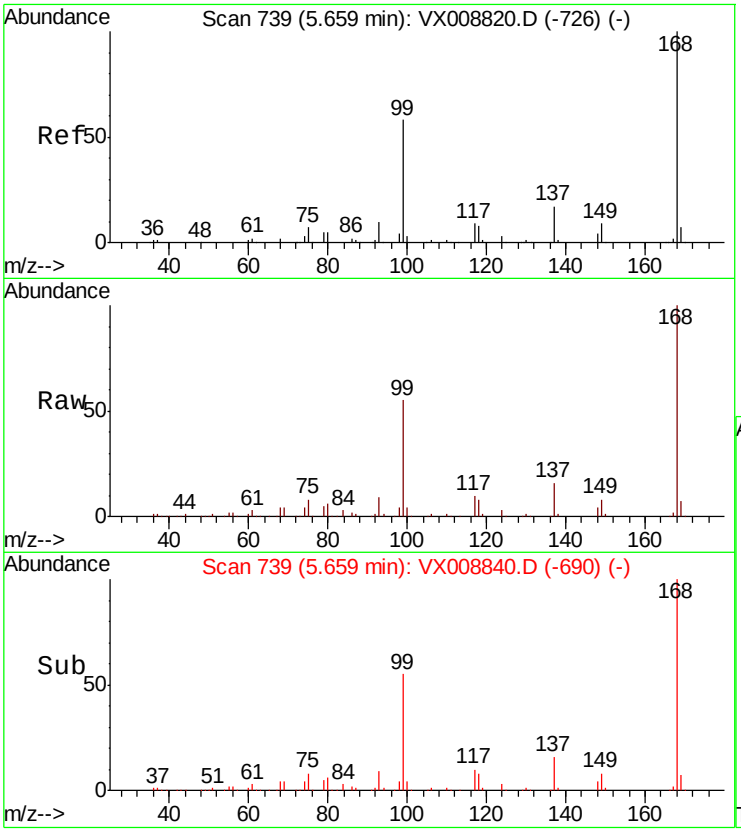
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041019\
Data File : VX008840.D
Acq On : 11 Apr 2019 05:48
Operator : JC/SP
Sample : K2343-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: Apr 11 08:51:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 11 08:05:56 2019
Response via : Initial Calibration



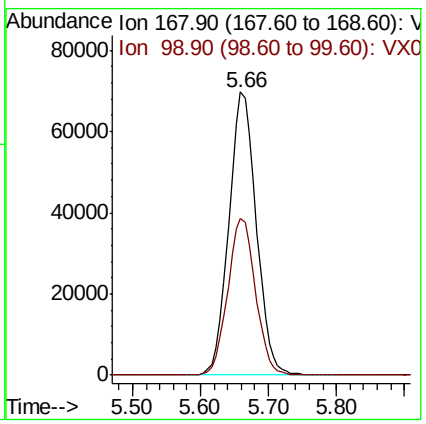


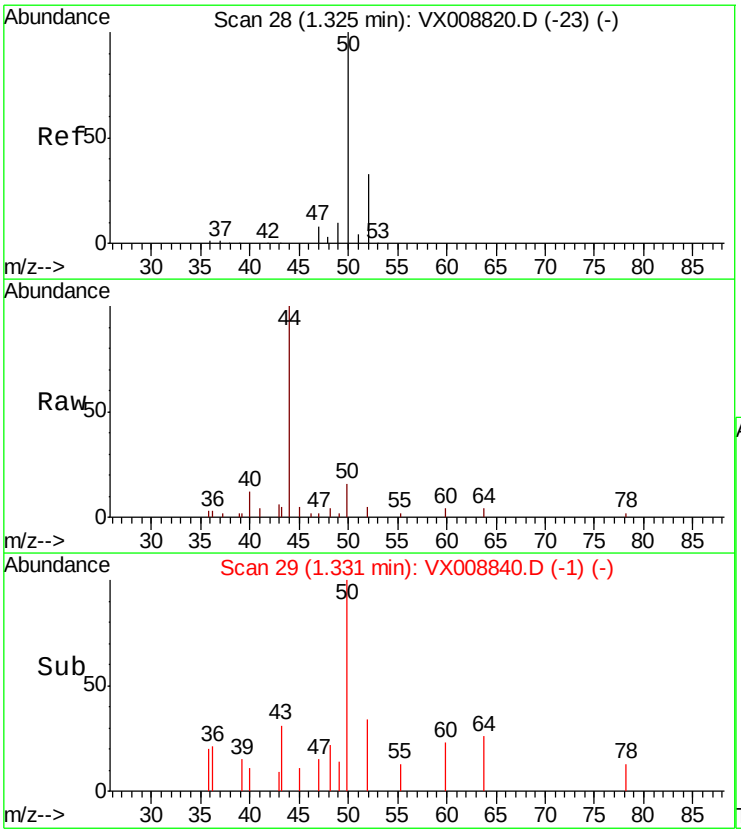
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:168 Resp: 194859

Ion	Ratio	Lower	Upper
168	100		
99	55.4	46.7	70.1

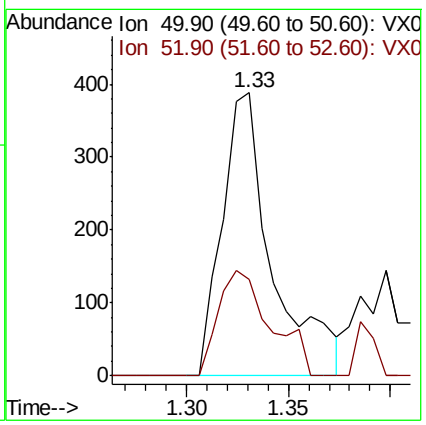


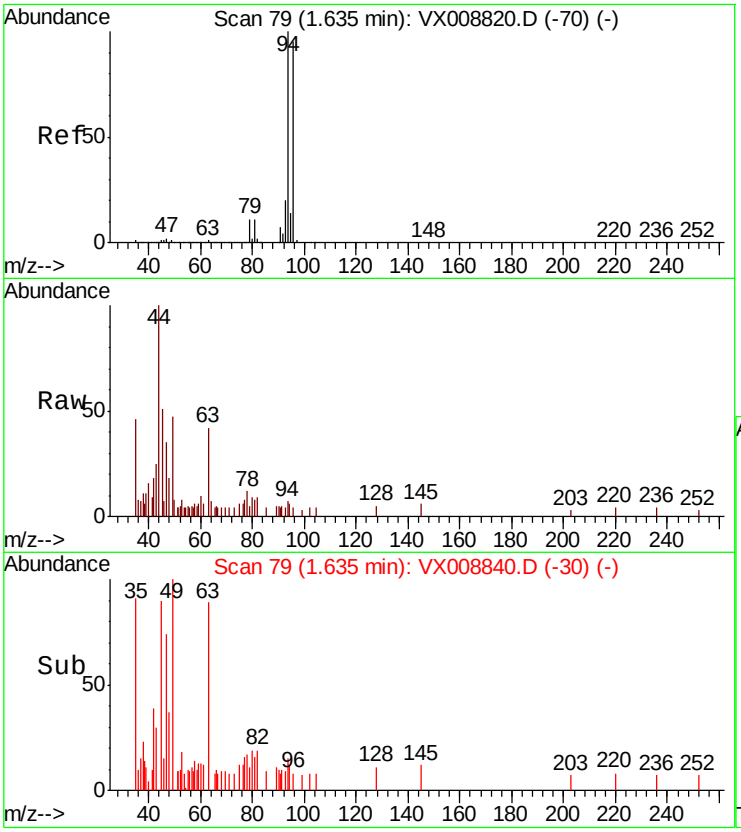


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Tgt Ion: 50 Resp: 660

Ion	Ratio	Lower	Upper
50	100		
52	34.3	25.8	38.8



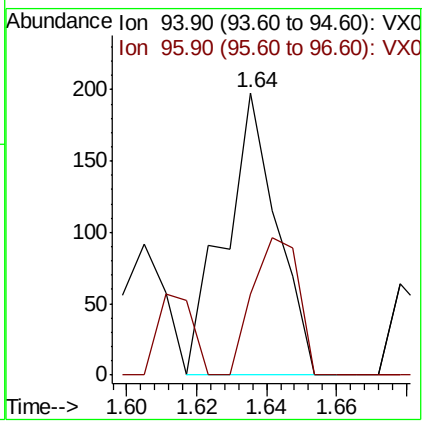


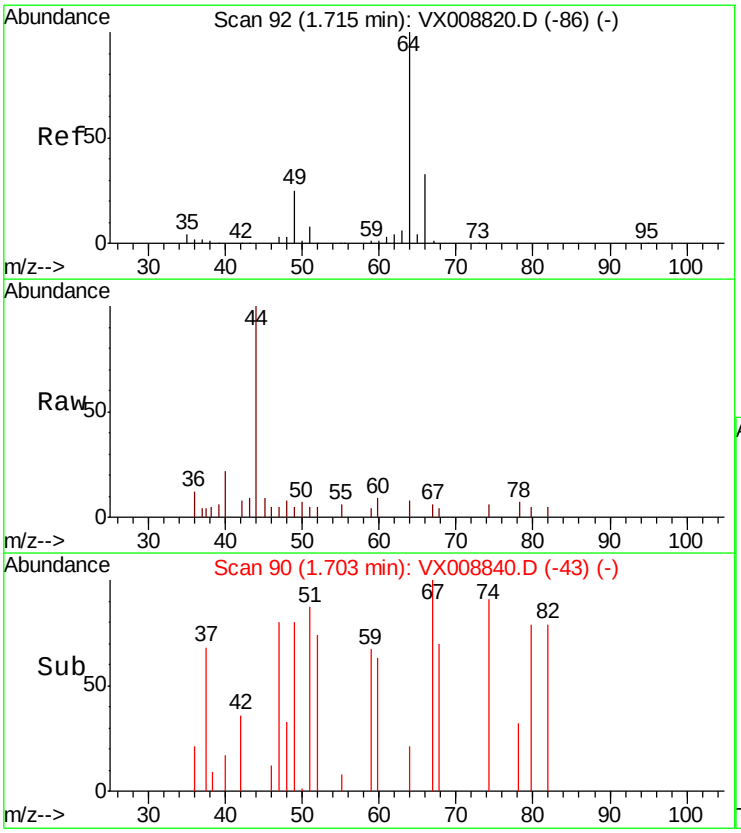
#5
Bromomethane
Concen: 2.017 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 94 Resp: 205

Ion	Ratio	Lower	Upper
94	100		
96	28.8	75.2	112.8#

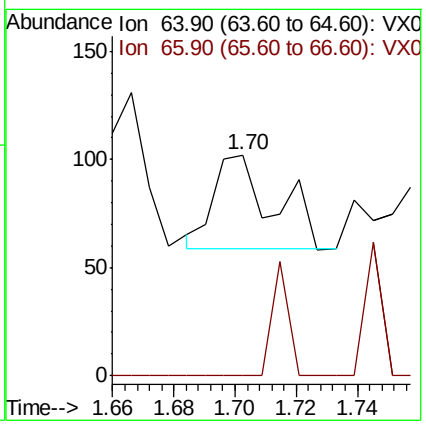


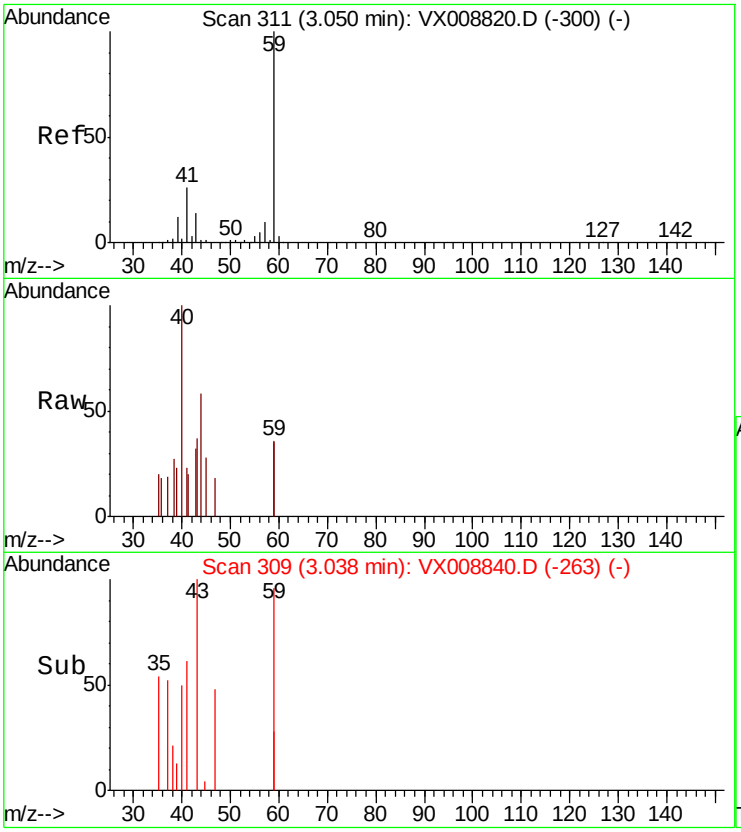


#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 90
Delta R.T. -0.01 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Tgt Ion: 64 Resp: 57

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.0#



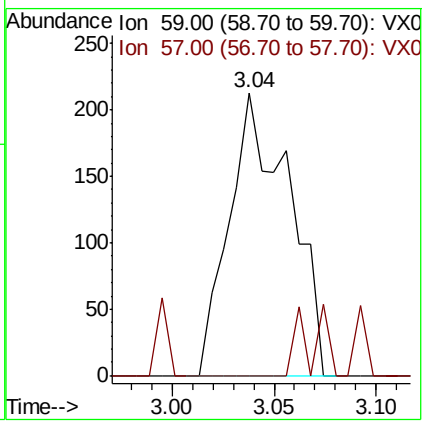


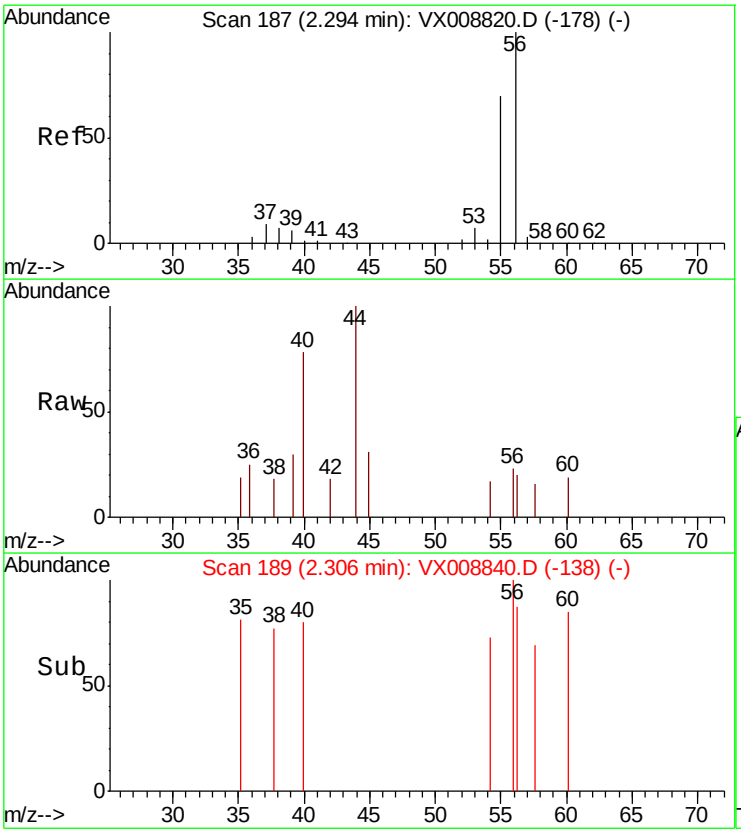
#11
Tert butyl alcohol
Concen: 0.652 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.02 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 59 Resp: 434

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

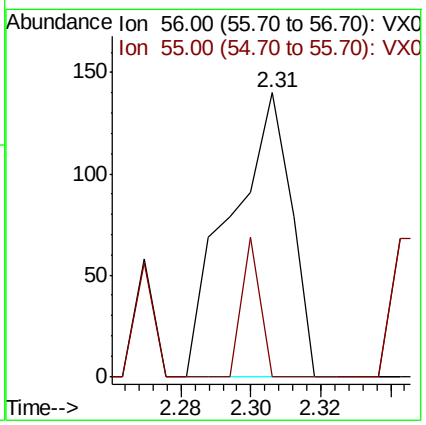


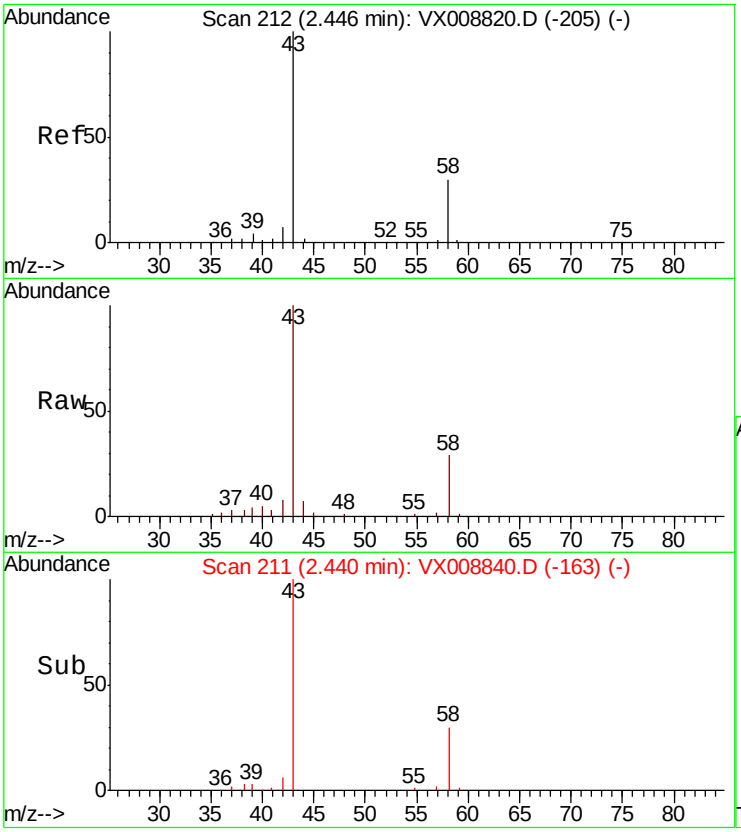


#13
Acrolein
Concen: 0.509 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Tgt Ion: 56 Resp: 168

Ion	Ratio	Lower	Upper
56	100		
55	14.9	58.0	87.0#



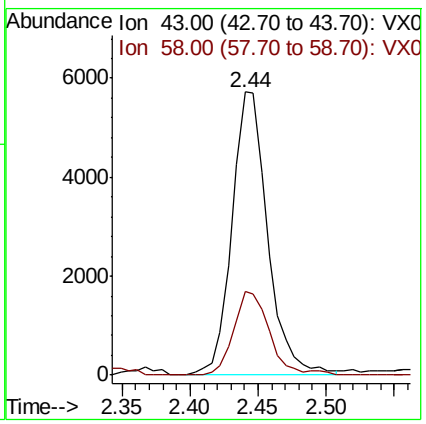


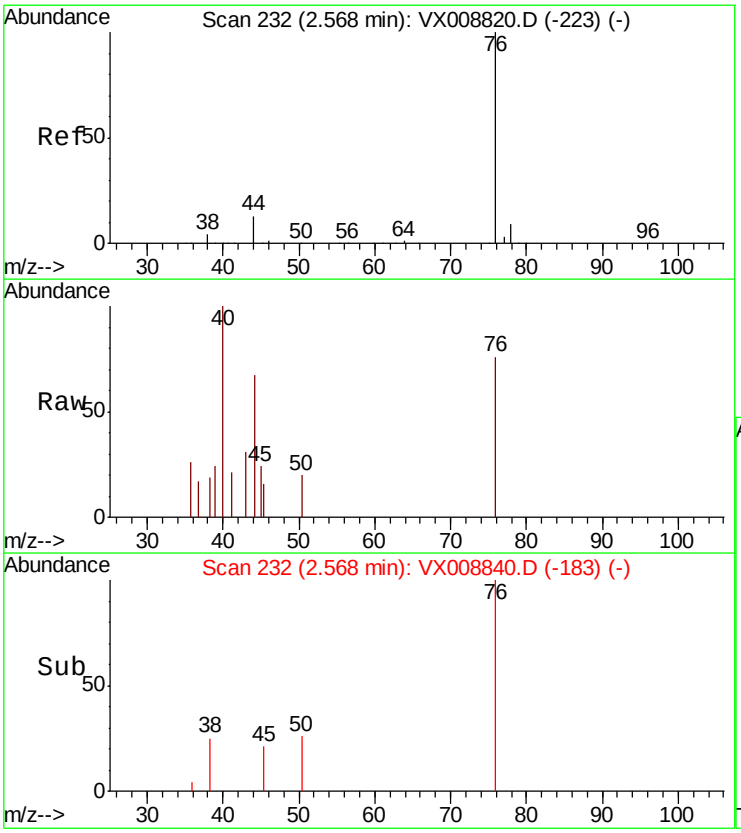
#16
Acetone
Concen: 6.411 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 10495

Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.8	37.2

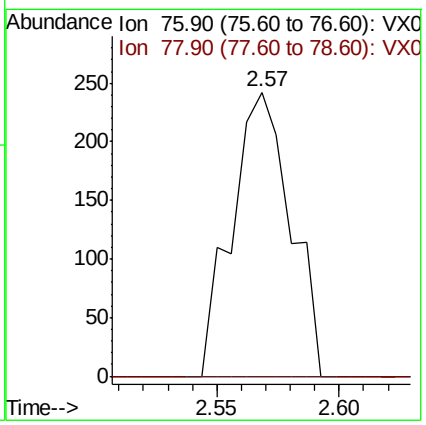


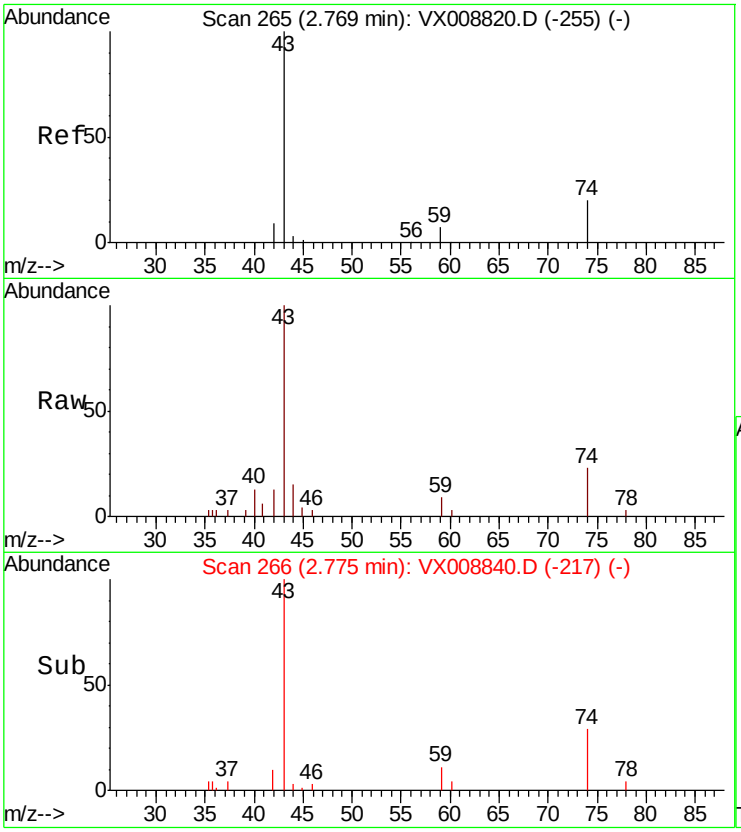


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Tgt Ion: 76 Resp: 405

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#



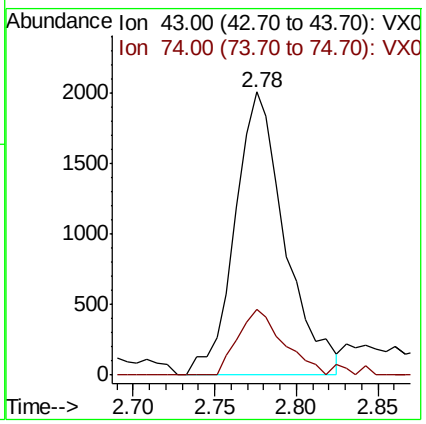


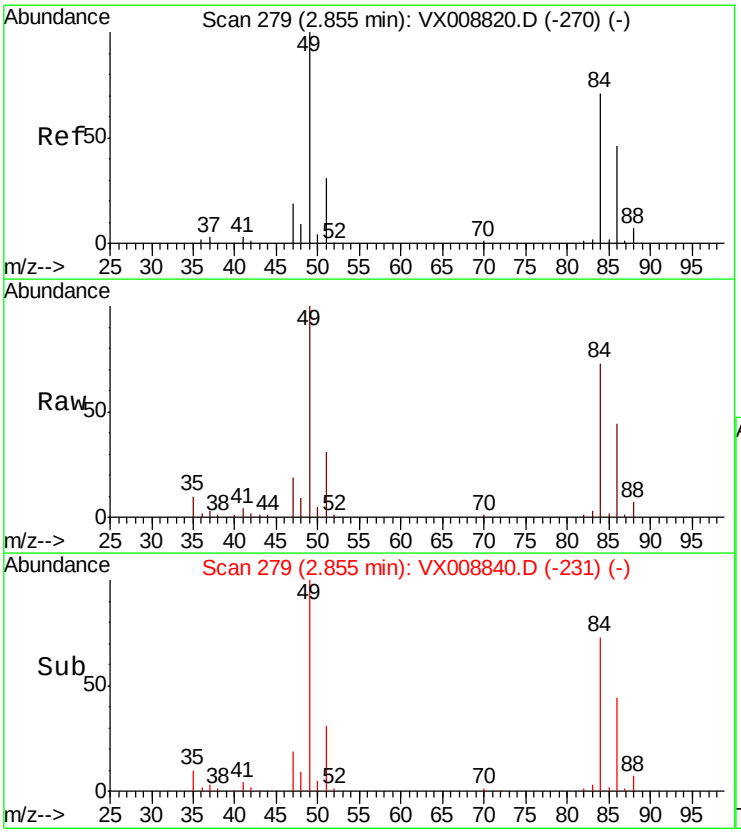
#18
Methyl Acetate
Concen: 1.082 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 4296

Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.5	24.7

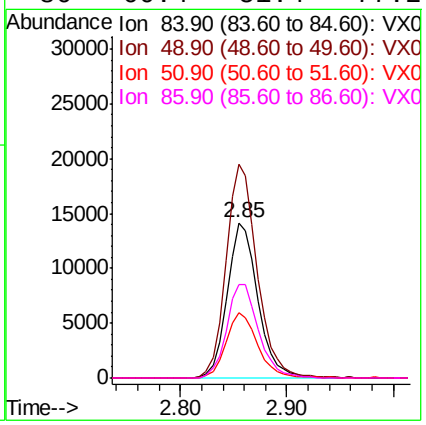


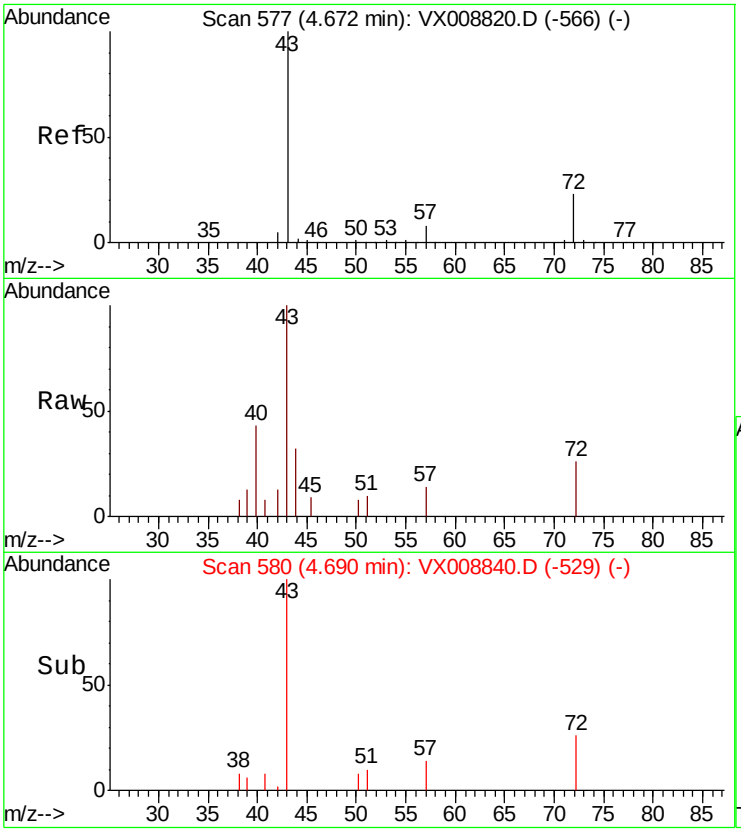


#20
Methylene Chloride
Concen: 10.362 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Tgt Ion: 84 Resp: 28394

Ion	Ratio	Lower	Upper
84	100		
49	137.8	109.7	164.5
51	42.3	33.6	50.4
86	60.4	51.4	77.2



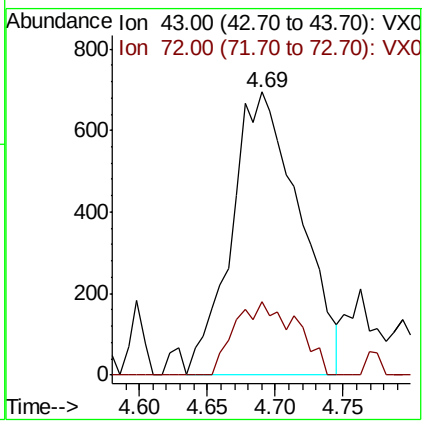


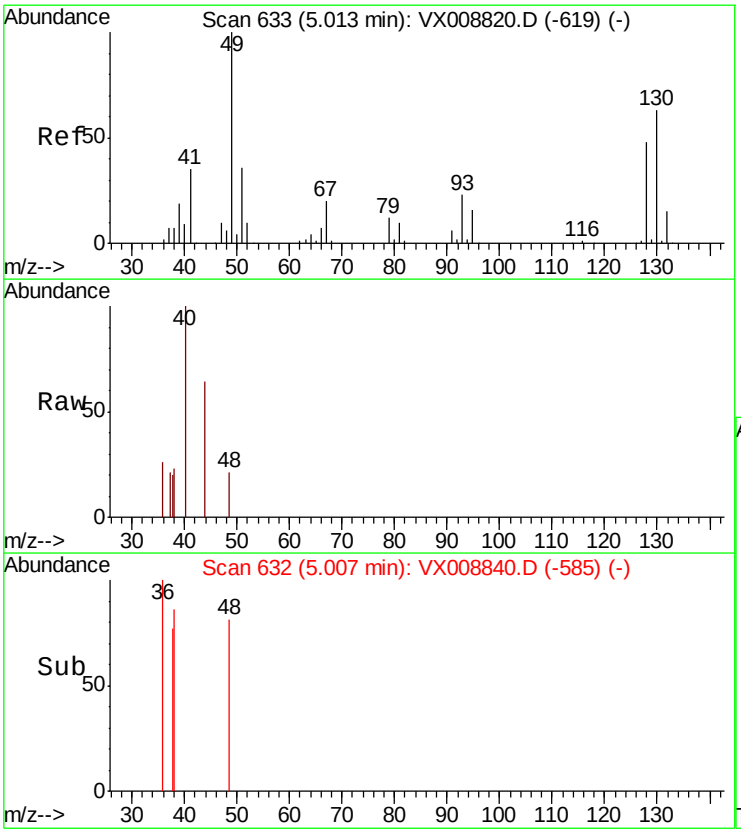
#25
2-Butanone
Concen: 0.938 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.01 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 2428

Ion	Ratio	Lower	Upper
43	100		
72	26.1	18.2	27.4

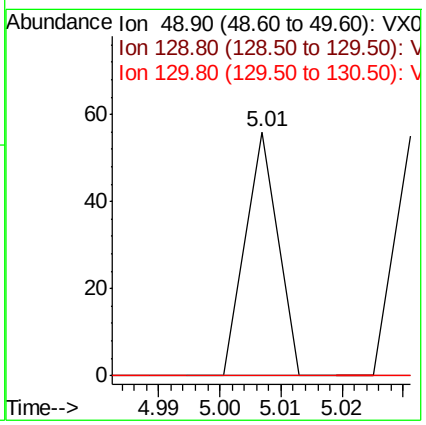


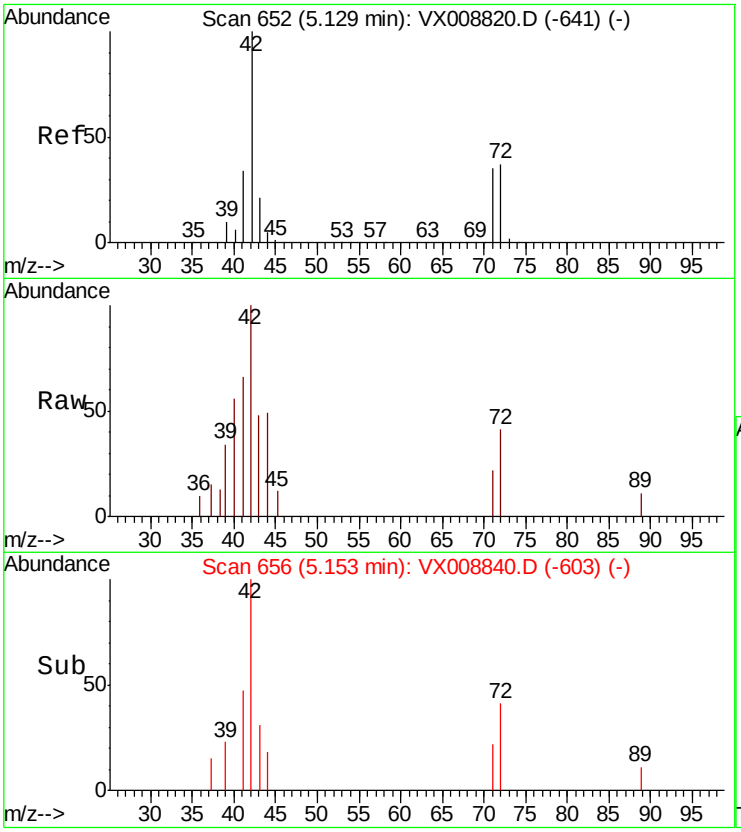


#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Tgt Ion: 49 Resp: 20

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	49.3	73.9#



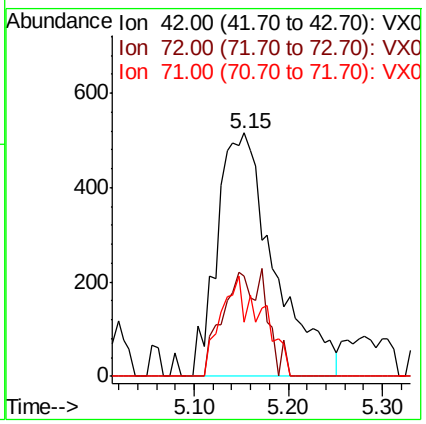


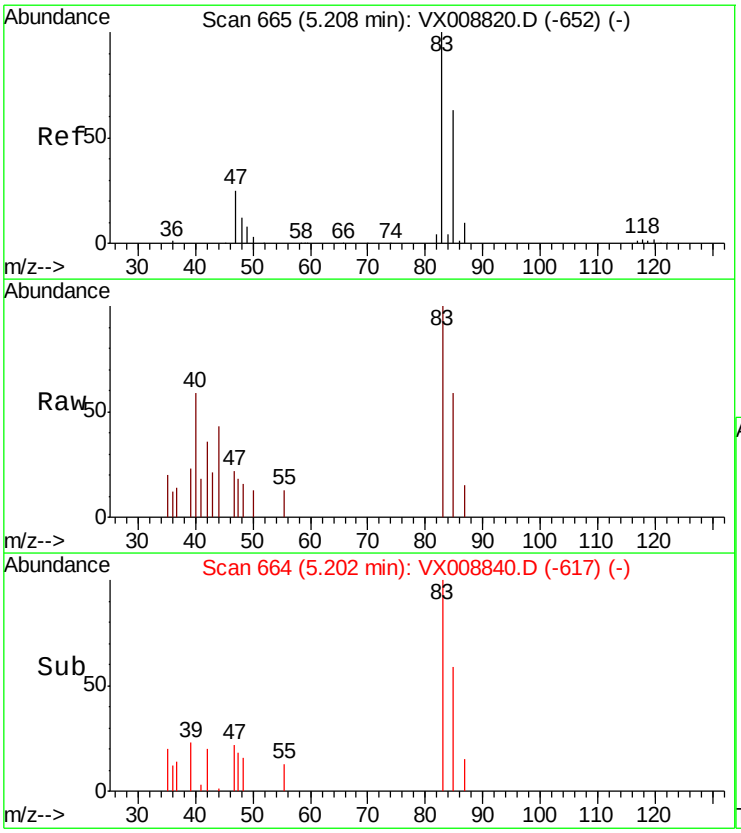
#29
Tetrahydrofuran
Concen: 1.272 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 42 Resp: 2184

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.5	45.7#
71	29.8	28.6	43.0

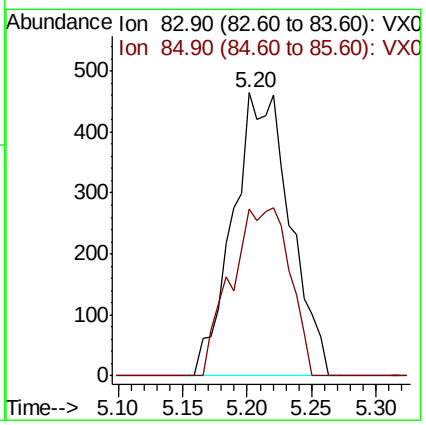


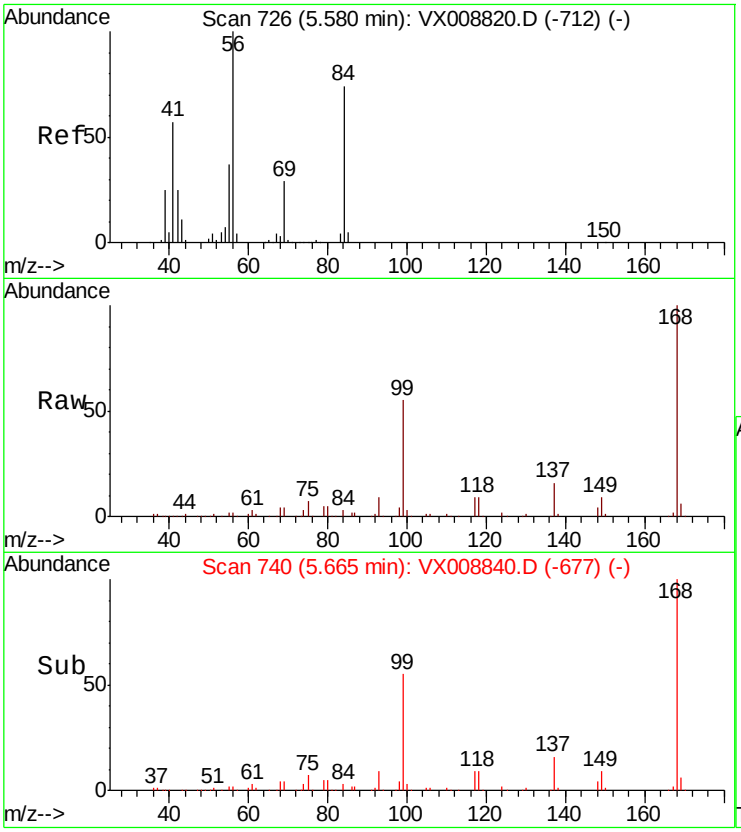


#30
Chloroform
Concen: 0.325 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Tgt Ion: 83 Resp: 1429

Ion	Ratio	Lower	Upper
83	100		
85	59.1	52.1	78.1



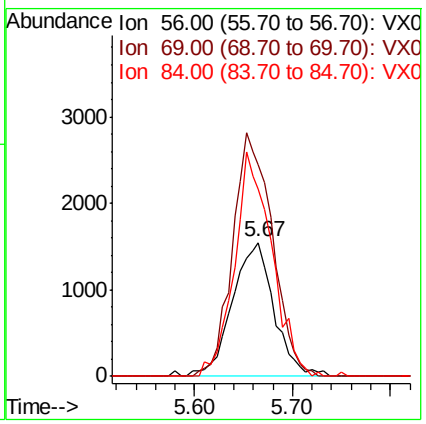


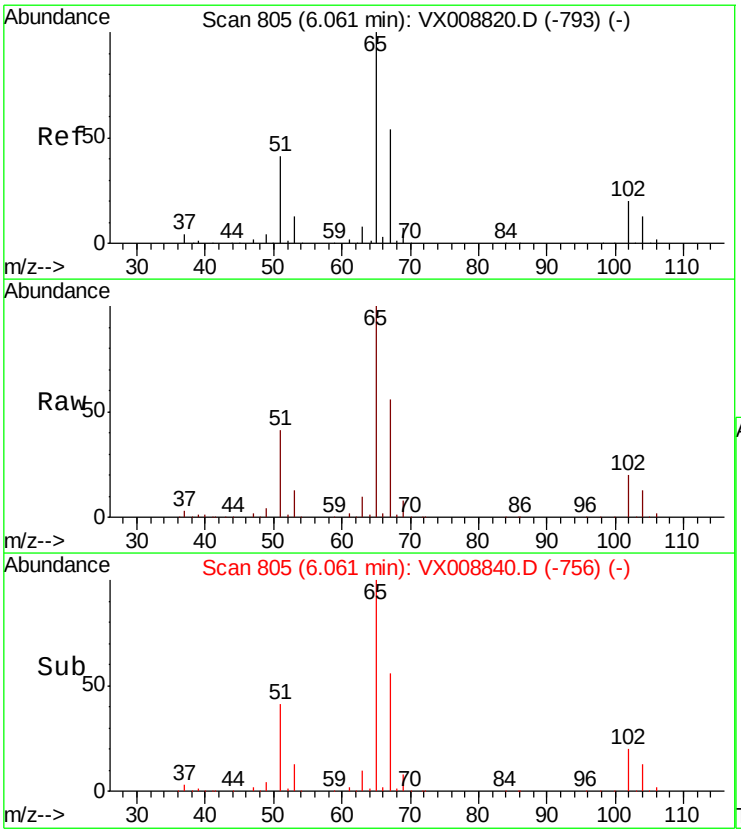
#31
Cyclohexane
Concen: 0.930 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 56 Resp: 4566

Ion	Ratio	Lower	Upper
56	100		
69	158.1	22.6	33.8#
84	140.1	59.3	88.9#

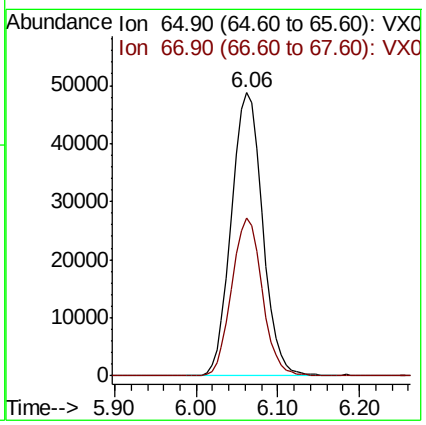


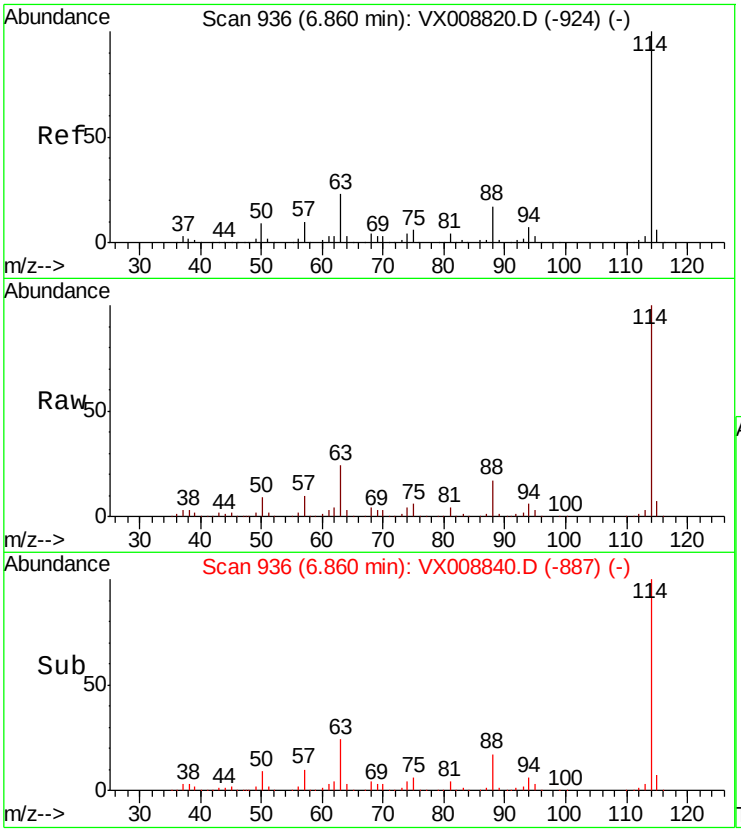


#33
1,2-Dichloroethane-d4
Concen: 45.581 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Tgt Ion: 65 Resp: 129546

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.2



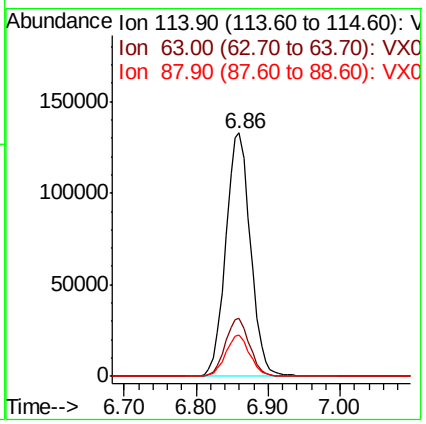


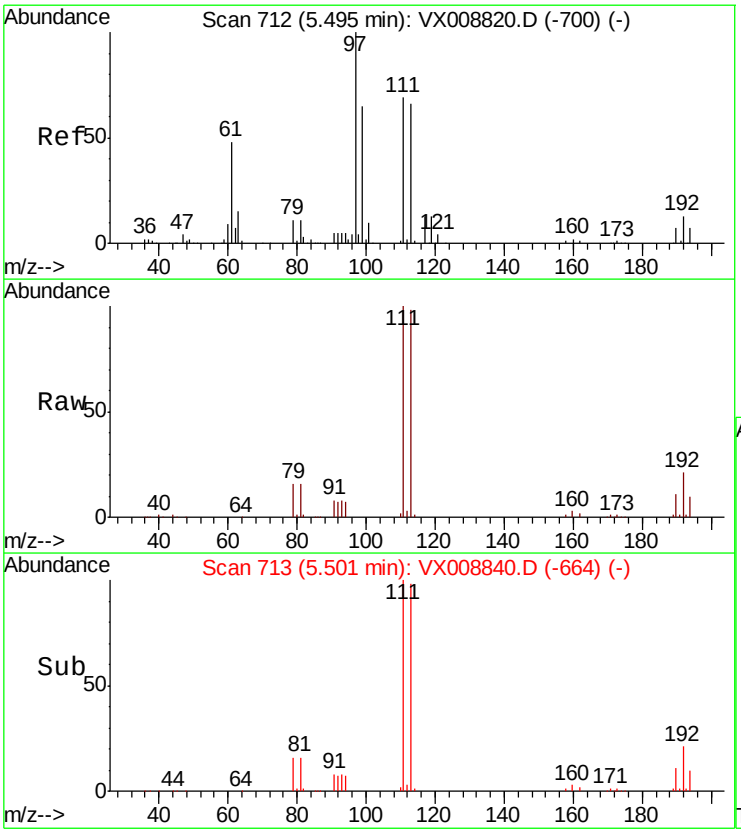
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:114 Resp: 317854

Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	47.2
88	17.2	0.0	34.0

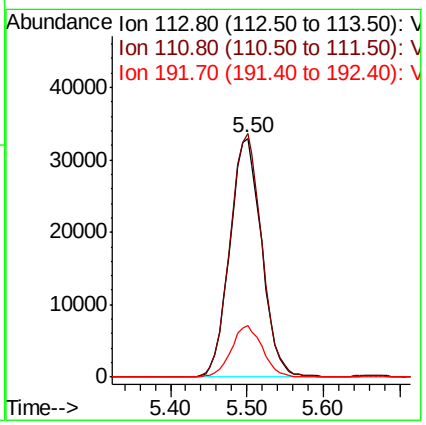


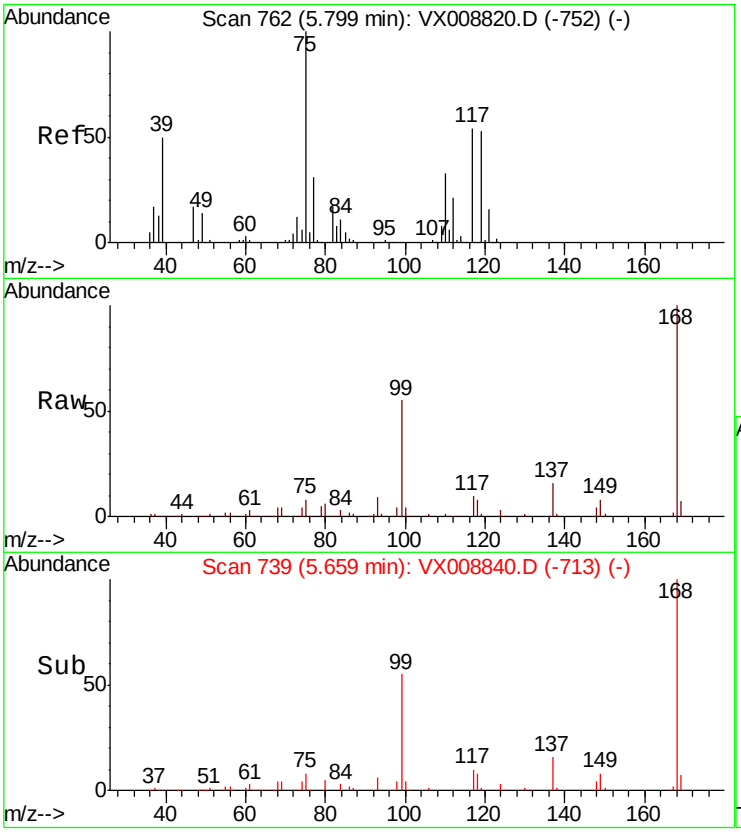


#35
Dibromofluoromethane
Concen: 46.682 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Tgt Ion:113 Resp: 94869

Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.4	125.2
192	21.1	16.1	24.1



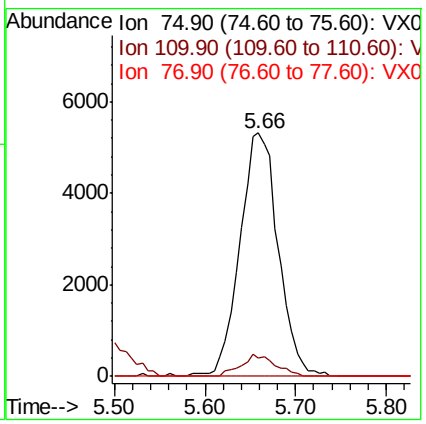


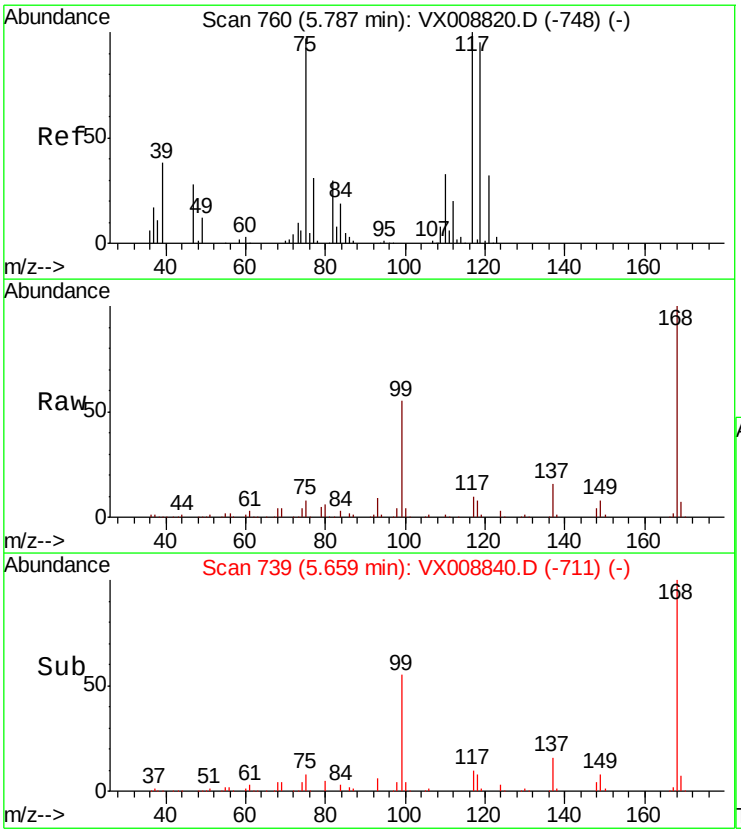
#36
1,1-Dichloropropene
Concen: 4.479 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 75 Resp: 15563

Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.4	49.2#
77	0.0	24.7	37.1#

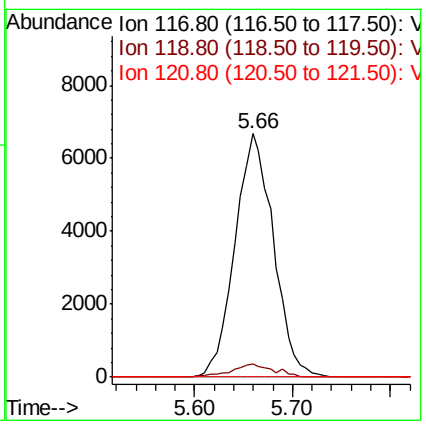


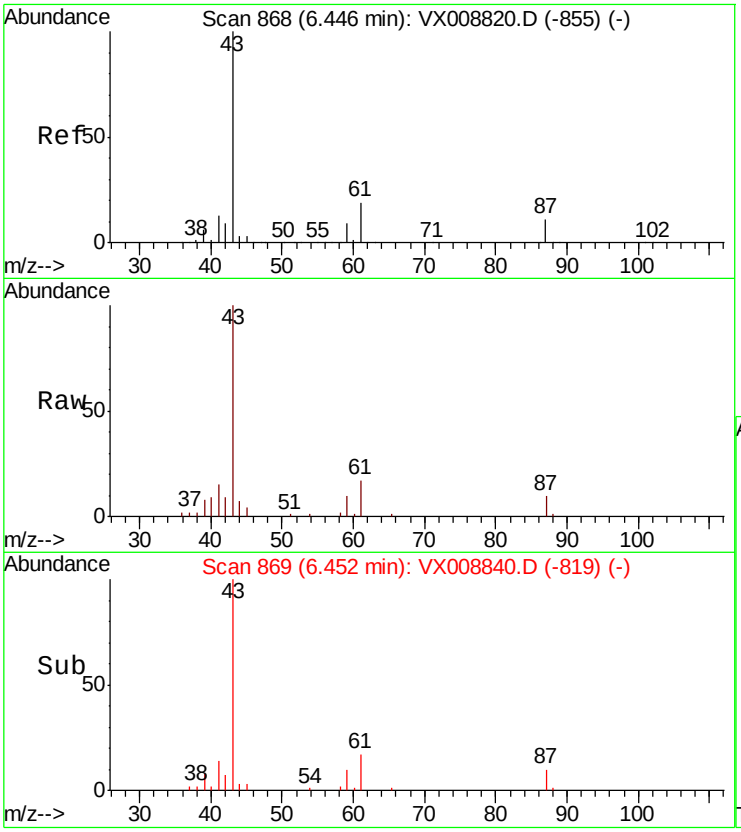


#38
Carbon Tetrachloride
Concen: 6.334 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Tgt Ion:117 Resp: 18215

Ion	Ratio	Lower	Upper
117	100		
119	5.3	75.0	112.6#
121	0.0	24.3	36.5#



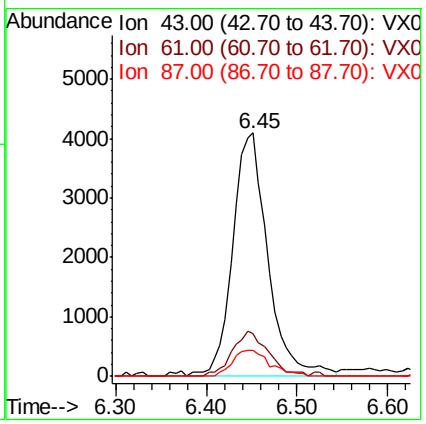


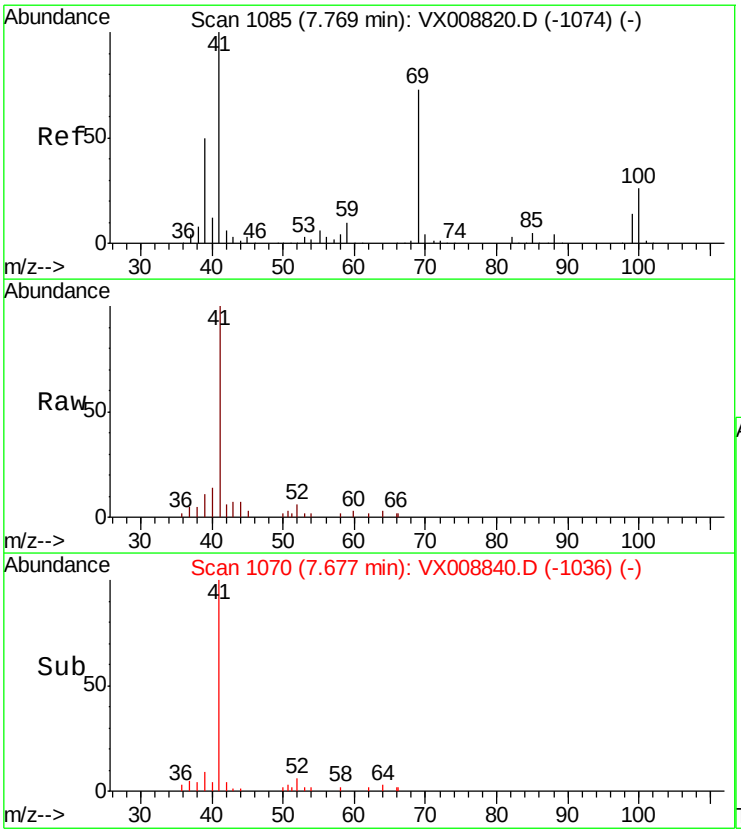
#43
Isopropyl Acetate
Concen: 1.515 ug/l
RT: 6.45 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Instrument : MSVOA_X
ClientSampleId : BFB

Tgt Ion: 43 Resp: 11010

Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.3	22.9
87	11.5	9.0	13.6

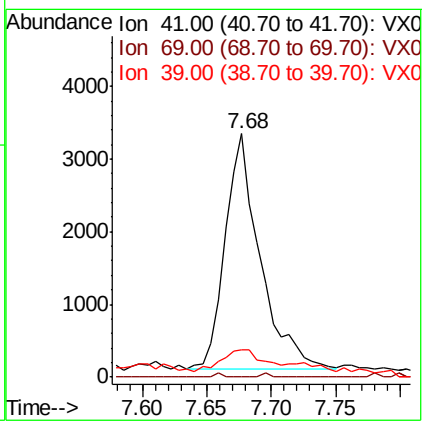


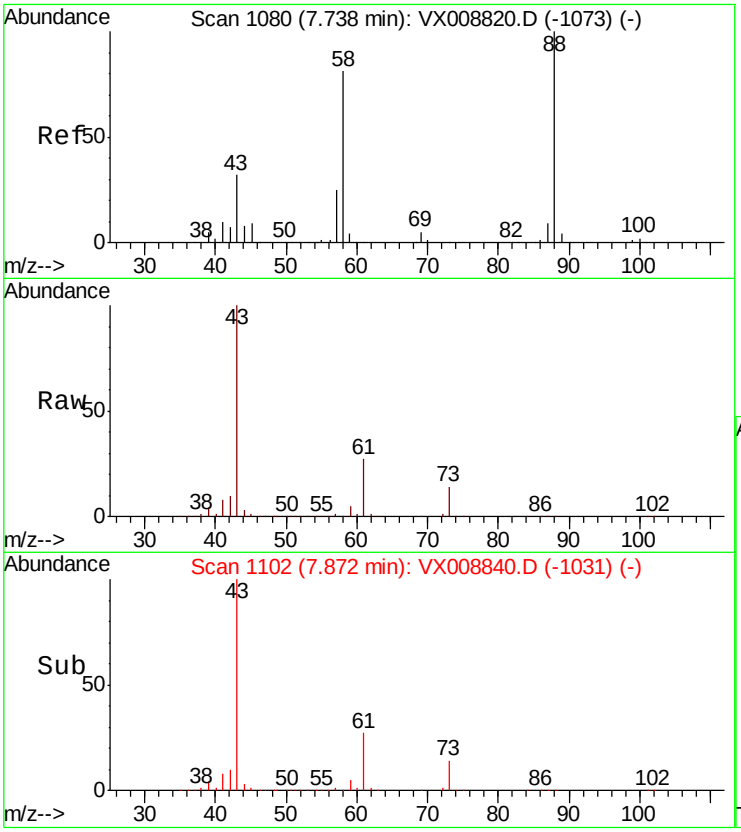


#48
Methyl methacrylate
Concen: 1.676 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Tgt Ion: 41 Resp: 6159

Ion	Ratio	Lower	Upper
41	100		
69	0.4	59.0	88.4#
39	0.0	41.0	61.4#



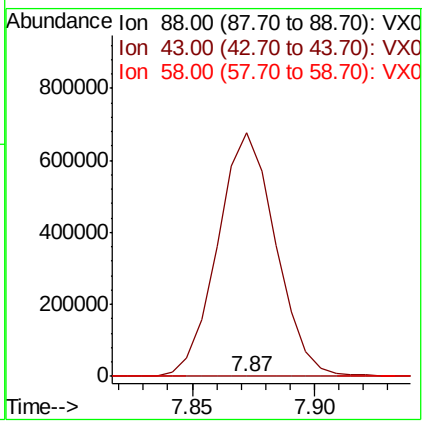


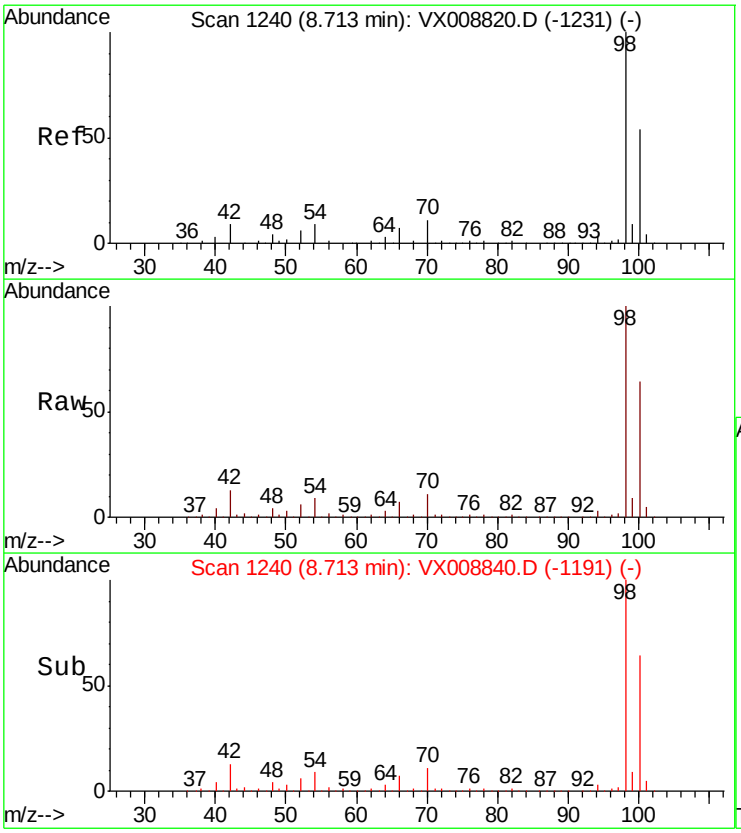
#49
1,4-Dioxane
Concen: 2.920 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.13 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 88 Resp: 201

Ion	Ratio	Lower	Upper
88	100		
43	559926.9	28.6	43.0#
58	2234.8	62.2	93.2#

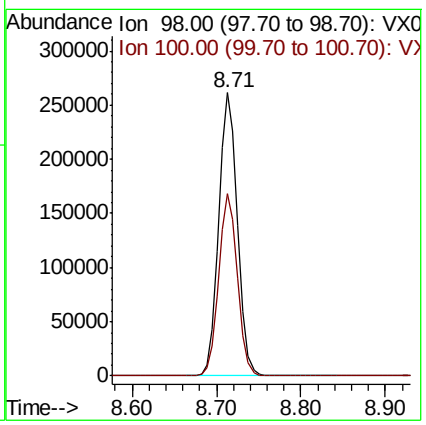


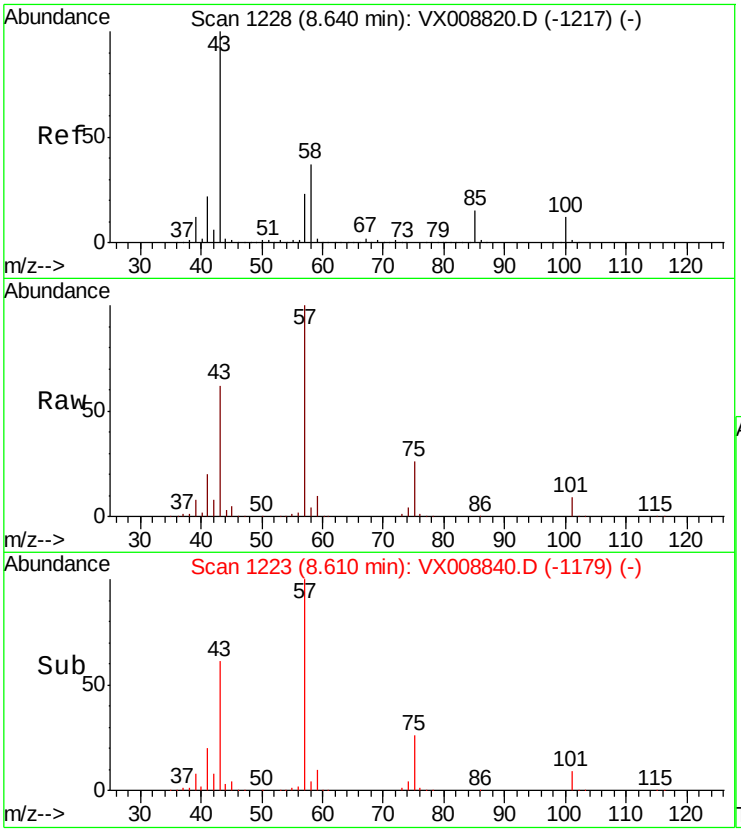


#50
Toluene-d8
Concen: 49.613 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Tgt Ion: 98 Resp: 401459

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0



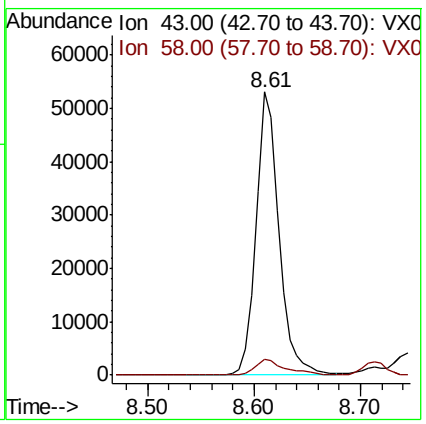


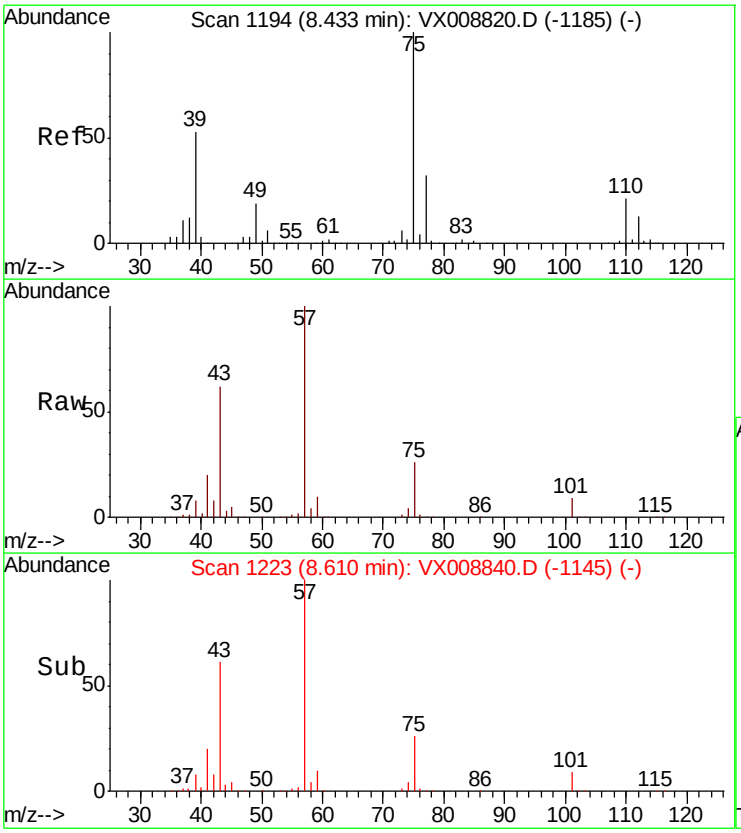
#51
4-Methyl-2-Pentanone
Concen: 16.975 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 79389

Ion	Ratio	Lower	Upper
43	100		
58	7.5	29.5	44.3#

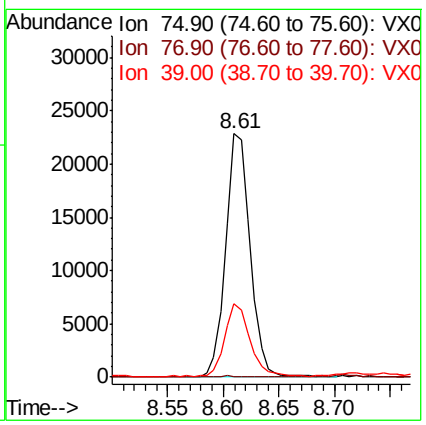


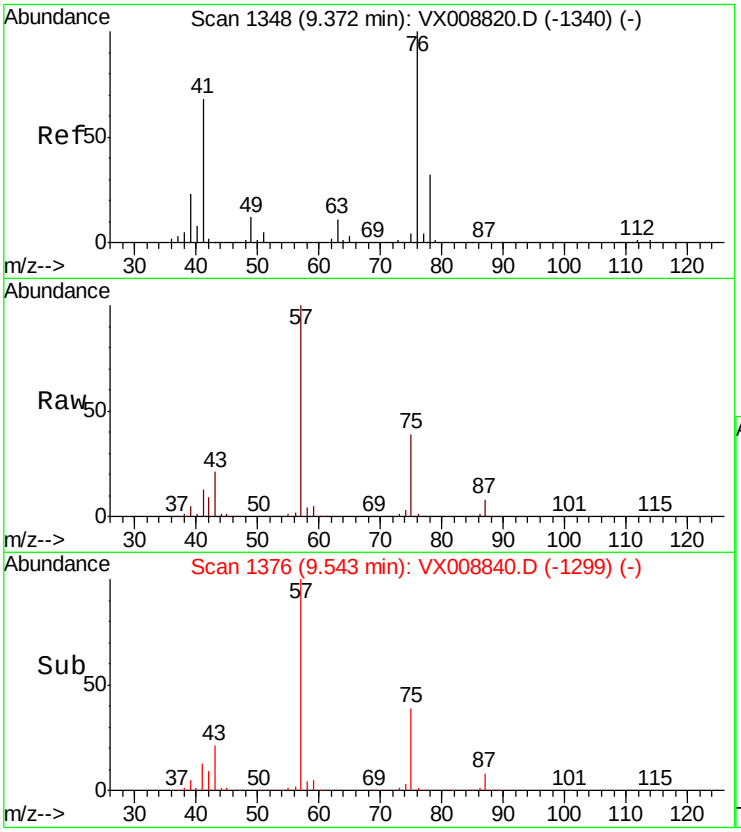


#54
cis-1,3-Dichloropropene
Concen: 8.386 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Tgt Ion: 75 Resp: 34680

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.3	37.9#
39	29.7	42.6	63.8#



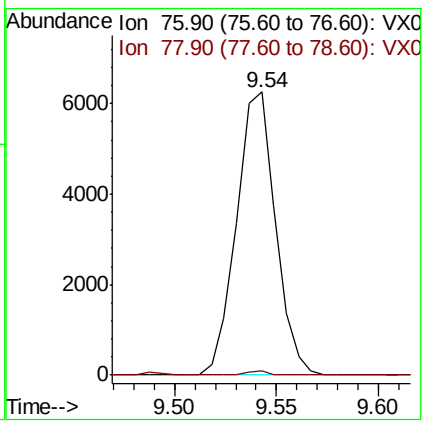


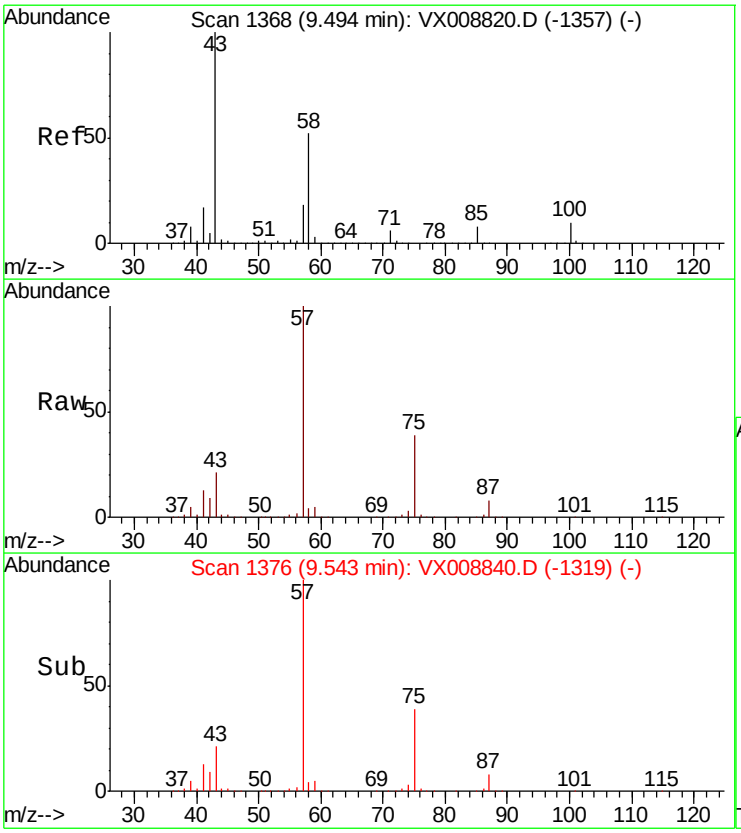
#57
1,3-Dichloropropane
Concen: 1.887 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 76 Resp: 8300

Ion	Ratio	Lower	Upper
76	100		
78	0.6	25.6	38.4#

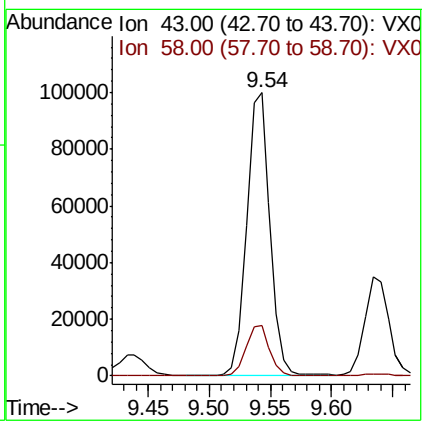


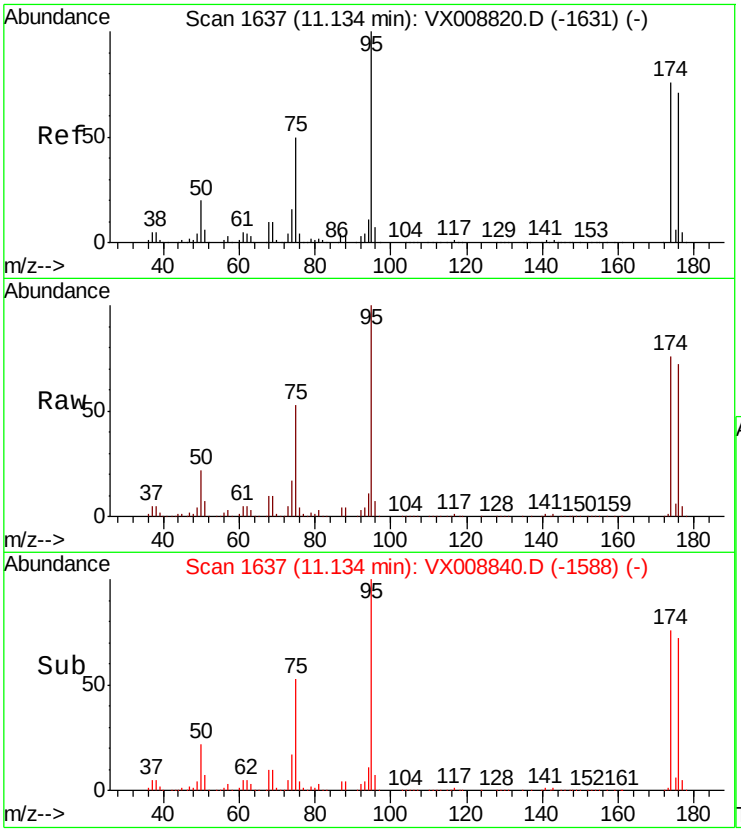


#59
2-Hexanone
Concen: 36.256 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Tgt Ion: 43 Resp: 131773

Ion	Ratio	Lower	Upper
43	100		
58	18.3	25.9	77.7#



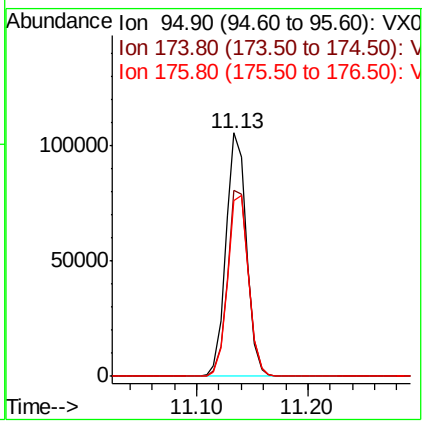


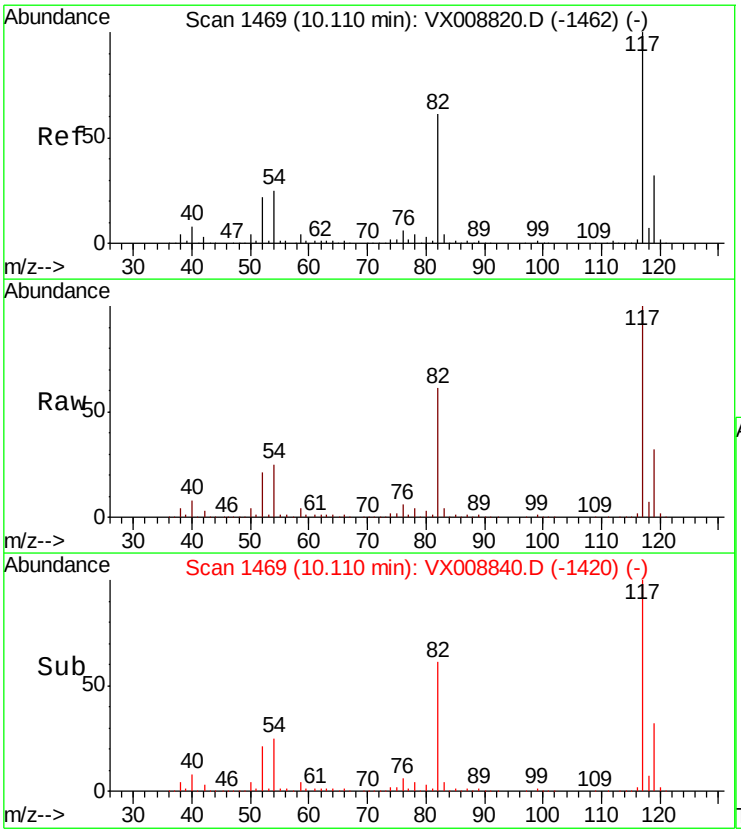
#62
4-Bromofluorobenzene
Concen: 46.831 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 95 Resp: 134381

Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	151.8
176	75.6	0.0	145.8

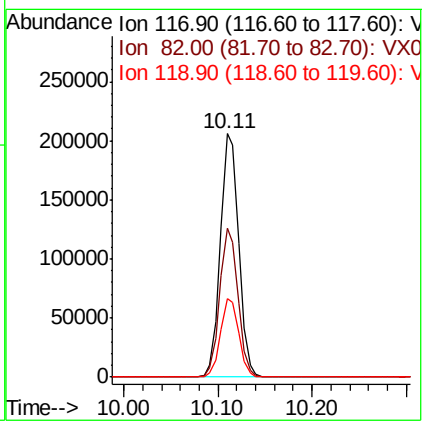


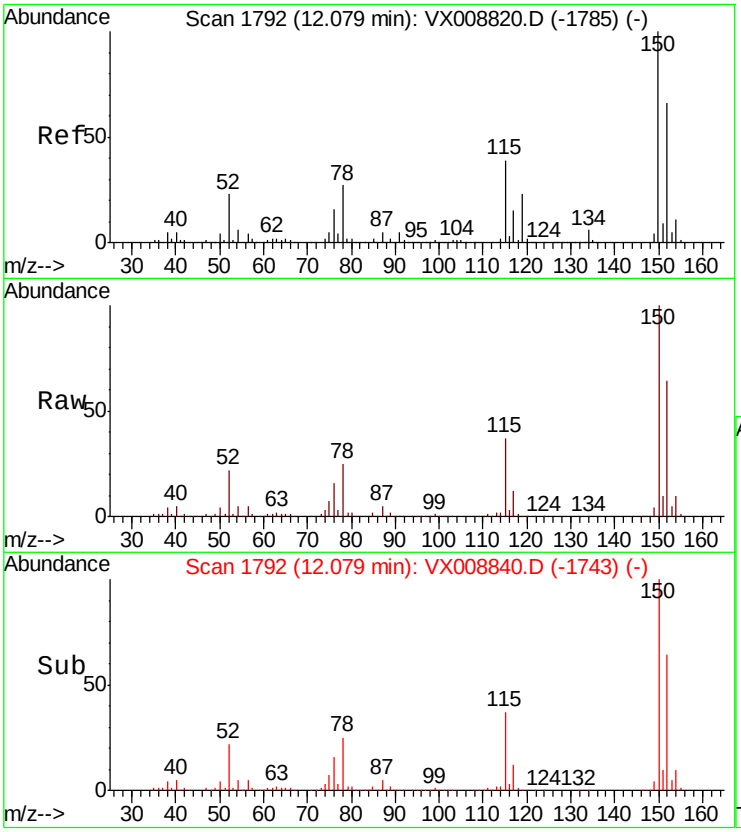


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Tgt Ion:117 Resp: 277885

Ion	Ratio	Lower	Upper
117	100		
82	61.2	49.6	74.4
119	32.1	25.0	37.4



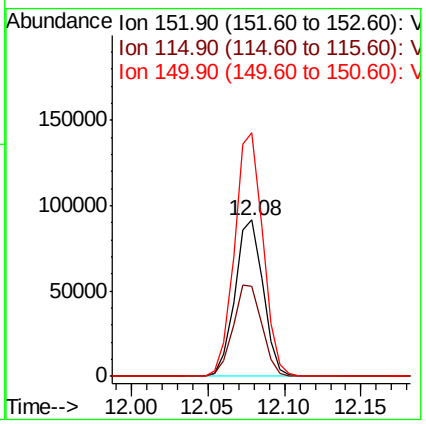


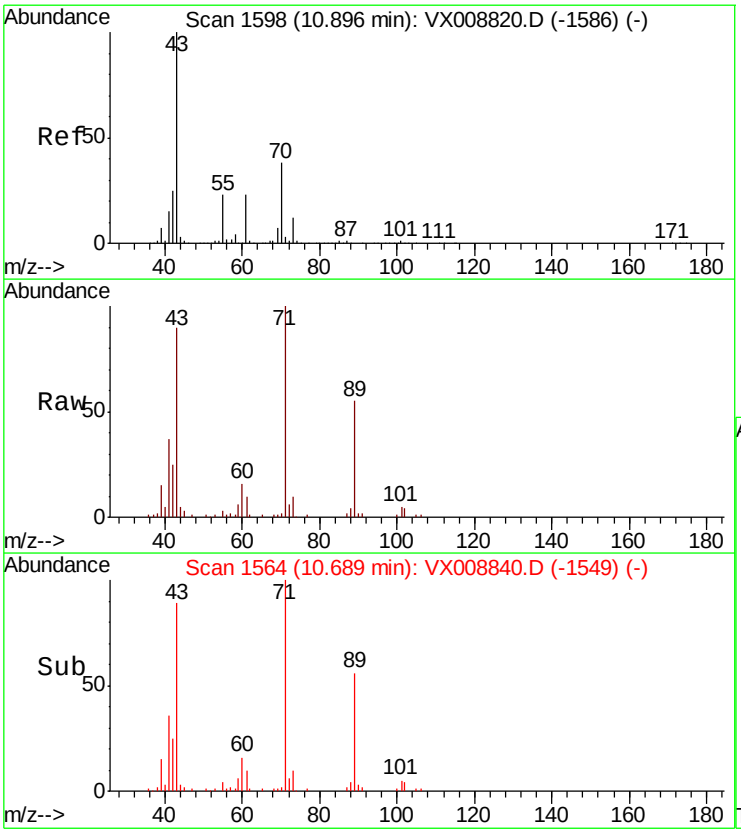
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:152 Resp: 116658

Ion	Ratio	Lower	Upper
152	100		
115	59.8	43.5	130.5
150	156.6	0.0	348.8

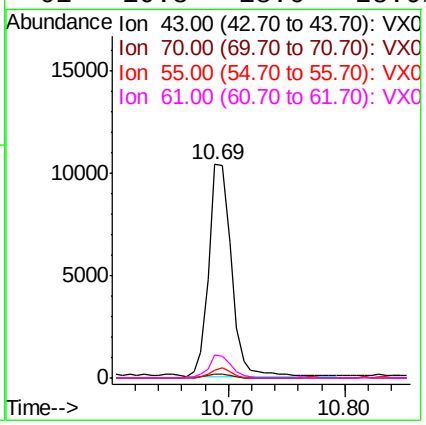


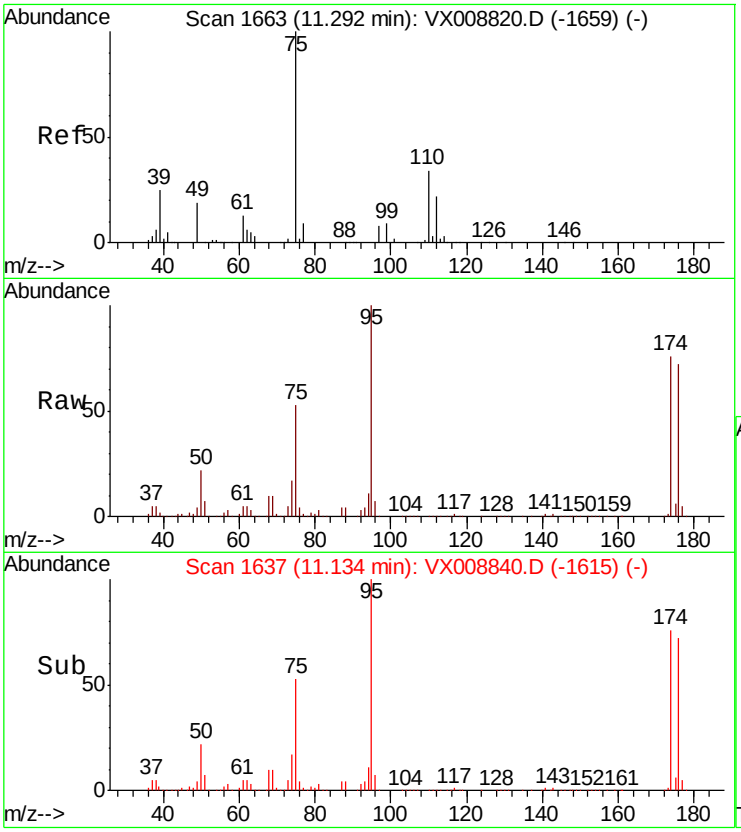


#74
N-amyl acetate
Concen: 2.413 ug/l
RT: 10.69 min Scan# 1564
Delta R.T. -0.21 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Tgt Ion: 43 Resp: 13727

Ion	Ratio	Lower	Upper
43	100		
70	2.2	30.2	45.4#
55	4.5	18.2	27.4#
61	10.8	18.6	28.0#



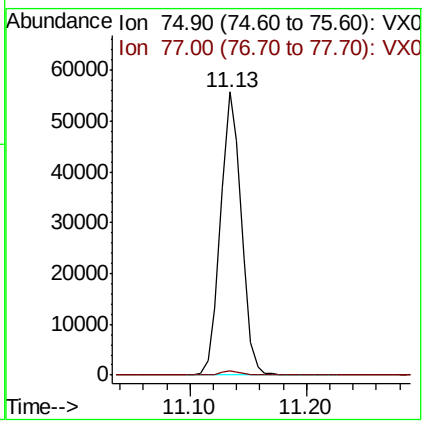


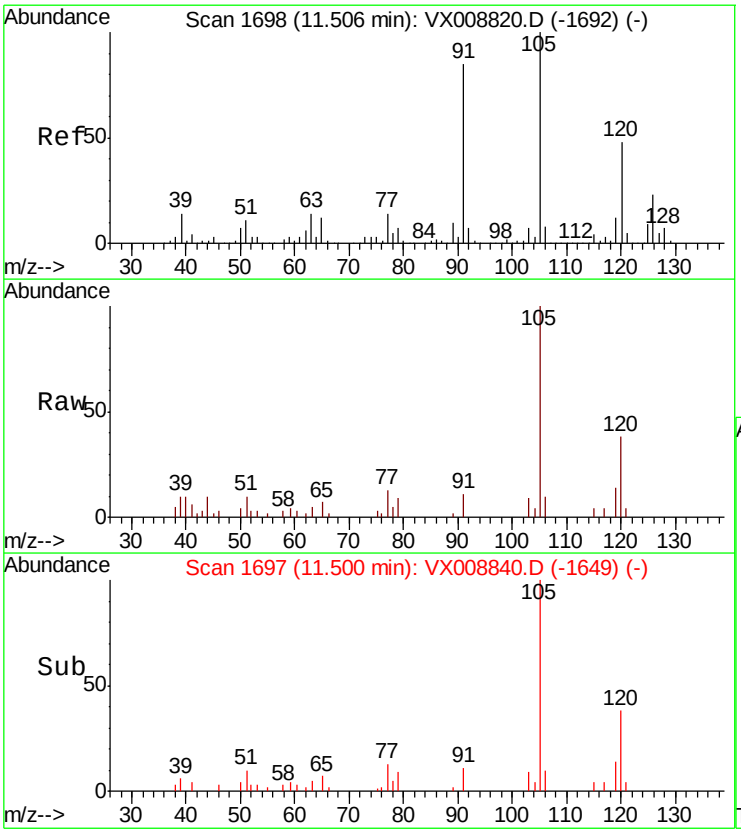
#76
1,2,3-Trichloropropane
Concen: 21.420 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Instrument : MSVOA_X
ClientSampleId : BFB

Tgt Ion: 75 Resp: 68645

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.3	66.8#

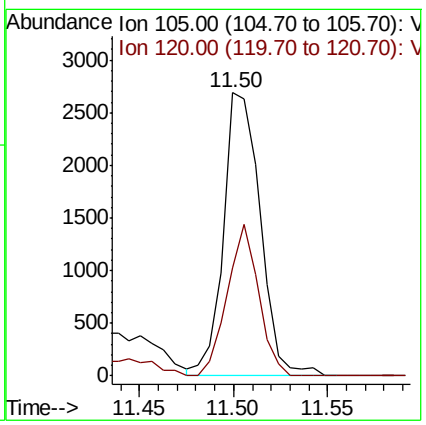


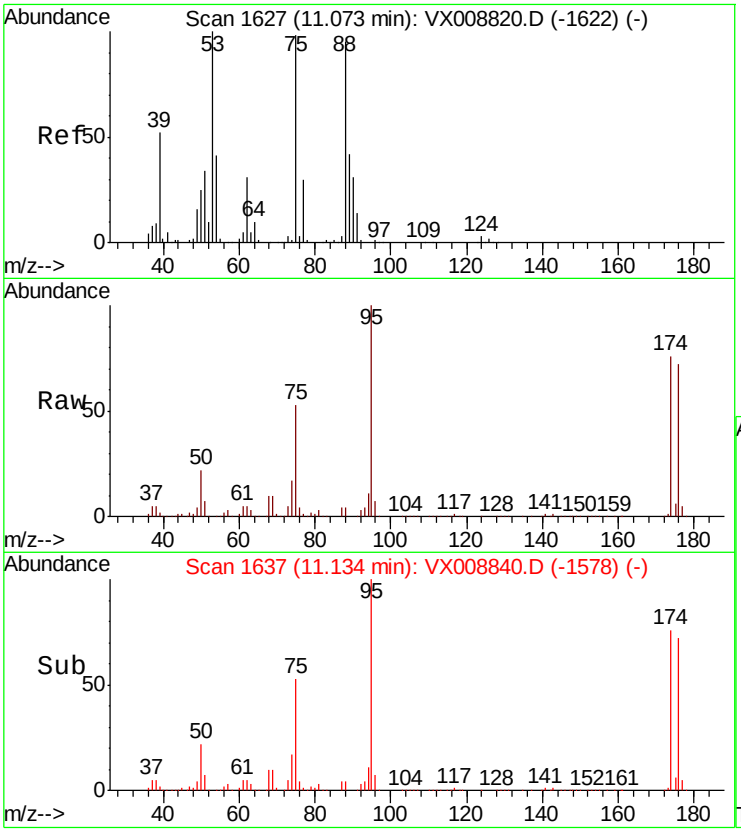


#80
1,3,5-Trimethylbenzene
Concen: 0.450 ug/l
RT: 11.50 min Scan# 1697
Delta R.T. -0.01 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Tgt Ion:105 Resp: 3648

Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.5	70.6



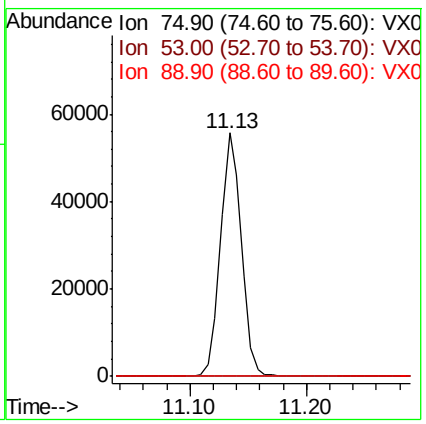


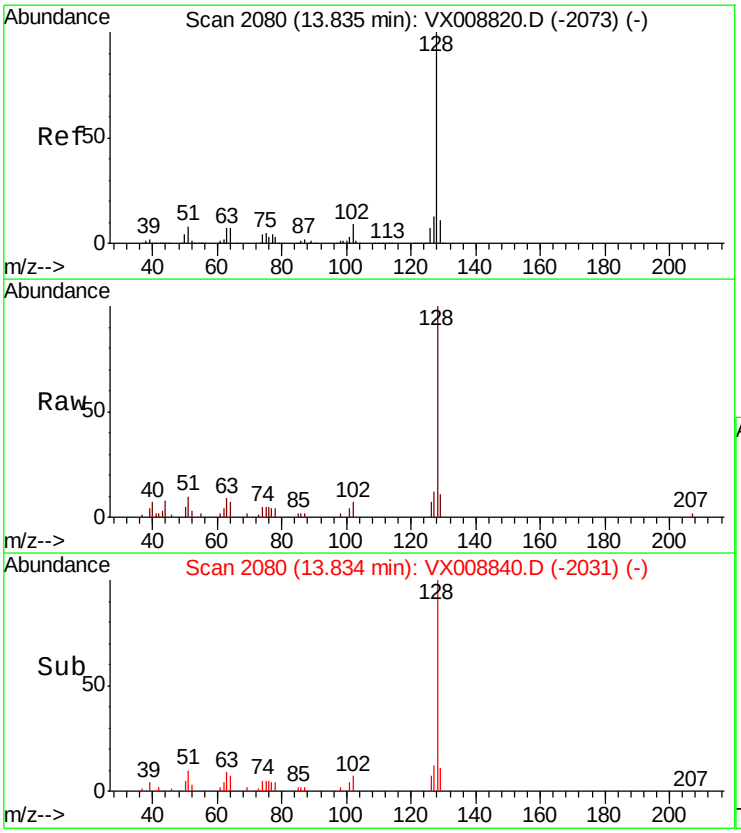
#81
trans-1,4-Dichloro-2-butene
Concen: 59.045 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 75 Resp: 68645

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.3	121.9#
89	0.0	35.6	53.4#





#95
Naphthalene
Concen: 0.582 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008840.D
Acq: 11 Apr 2019 05:48

Tgt Ion:128 Resp: 5591

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.6	13.0