Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090718\
Data File : VX004436.D
Acq On : 08 Sep 2018 04:59
Operator : JC/MD
Sample : J4774-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OK-03-090618

Quant Time: Sep 08 06:03:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	295335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	488407	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	449132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	264062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	210757	54.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.50%			
35) Dibromofluoromethane	5.50	113	187517	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.22%			
50) Toluene-d8	8.71	98	703624	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.60%			
62) 4-Bromofluorobenzene	11.14	95	248585	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.16%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	735	0.48	ug/l #	76
5) Bromomethane	1.65	94	510	Below Cal		85
6) Chloroethane	1.79	64	4363	2.36	ug/l #	49
10) Methyl Iodide	2.51	142	80	4.28	ug/l #	75
11) Tert butyl alcohol	3.07	59	510	0.62	ug/l #	86
13) Acrolein	2.29	56	171	0.86	ug/l #	48
16) Acetone	2.44	43	25357	8.33	ug/l	97
17) Carbon Disulfide	2.57	76	733	0.88	ug/l #	94
18) Methyl Acetate	2.78	43	11296	1.98	ug/l	97
20) Methylene Chloride	2.85	84	122787	33.14	ug/l	97
25) 2-Butanone	4.70	43	3919	Below Cal		97
28) Bromochloromethane	5.23	49	855	0.31	ug/l #	9
29) Tetrahydrofuran	5.18	42	1668	1.01	ug/l	90
30) Chloroform	5.21	83	11540	1.84	ug/l	91
31) Cyclohexane	5.67	56	4998	0.93	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	19190	3.49	ug/l #	49
38) Carbon Tetrachloride	5.66	117	25390	4.92	ug/l #	16
43) Isopropyl Acetate	6.46	43	213757	25.76	ug/l	99
44) Trichloroethene	7.21	130	4892	1.08	ug/l	99
47) Bromodichloromethane	7.90	83	2142	0.42	ug/l	94
48) Methyl methacrylate	7.69	41	8826	1.99	ug/l #	21
51) 4-Methyl-2-Pentanone	8.62	43	3341	0.55	ug/l #	34
54) cis-1,3-Dichloropropene	8.62	75	1670	0.27	ug/l #	64
59) 2-Hexanone	9.55	43	13850	3.01	ug/l #	53
64) Tetrachloroethene	9.34	164	1691	0.38	ug/l	95
68) m/p-Xylenes	10.36	106	2331	0.33	ug/l	95
76) 1,2,3-Trichloropropane	11.14	75	117573	21.89	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	117573	71.03	ug/l #	10
94) Hexachlorobutadiene	13.78	225	59	Below Cal		77
95) Naphthalene	13.83	128	227109	13.18	ug/l	99

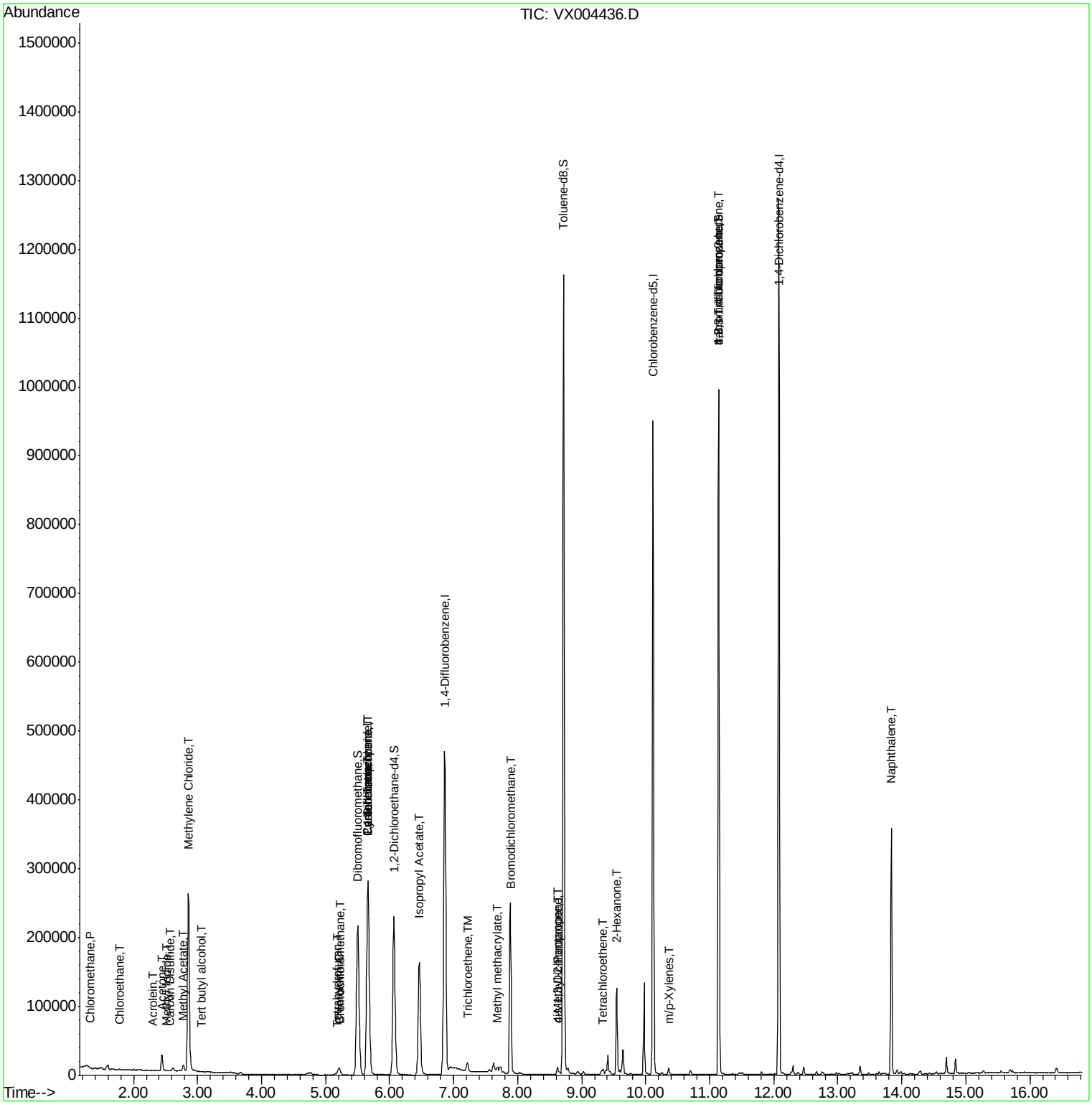
(#) = qualifier out of range (m) = manual integration (+) = signals summed

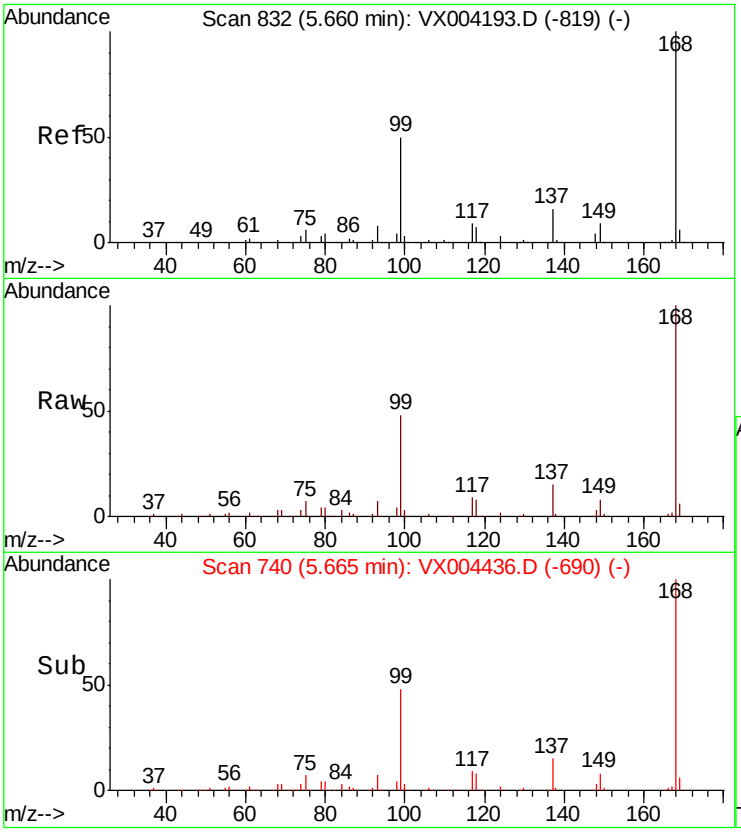
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
Data File : VX004436.D
Acq On : 08 Sep 2018 04:59
Operator : JC/MD
Sample : J4774-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OK-03-090618

Quant Time: Sep 08 06:03:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration



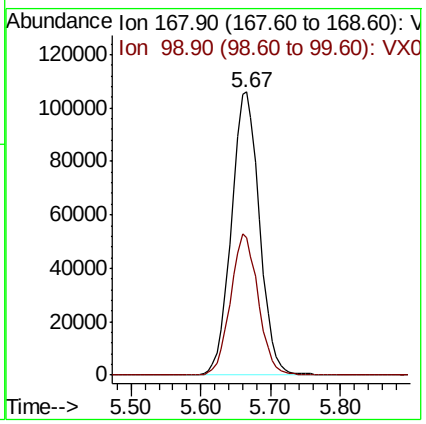


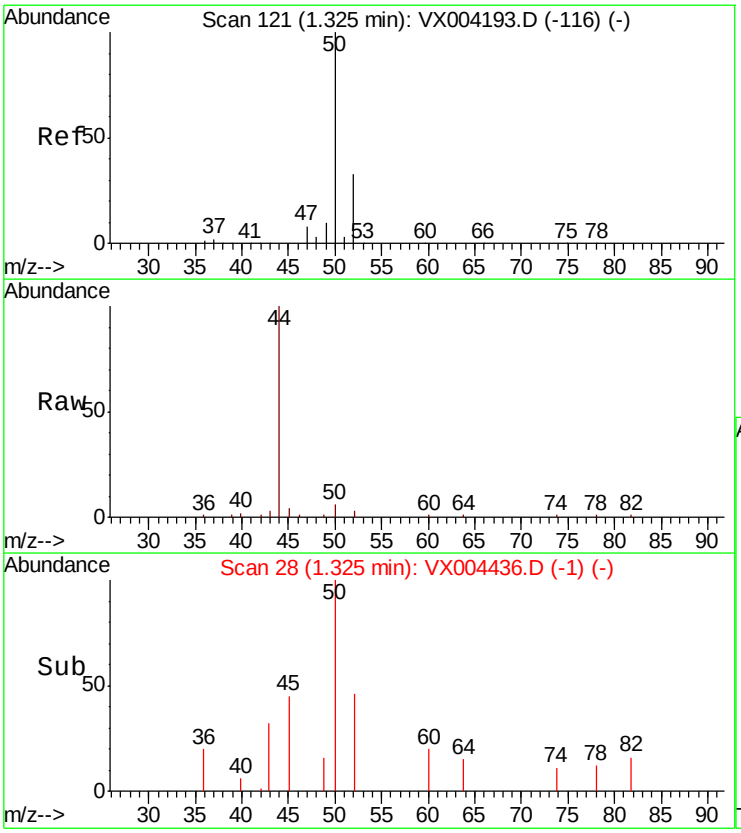
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Instrument :
MSVOA_X
ClientSampleId :
OK-03-090618

Tgt Ion:168 Resp: 295335

Ion	Ratio	Lower	Upper
168	100		
99	48.5	39.9	59.9

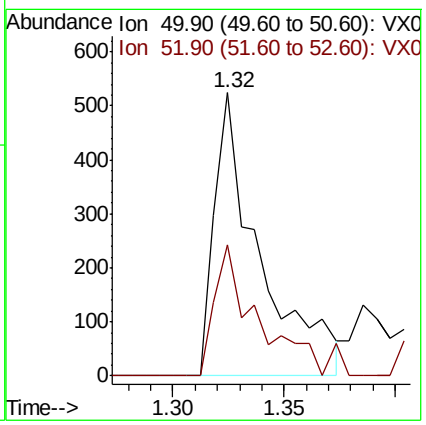


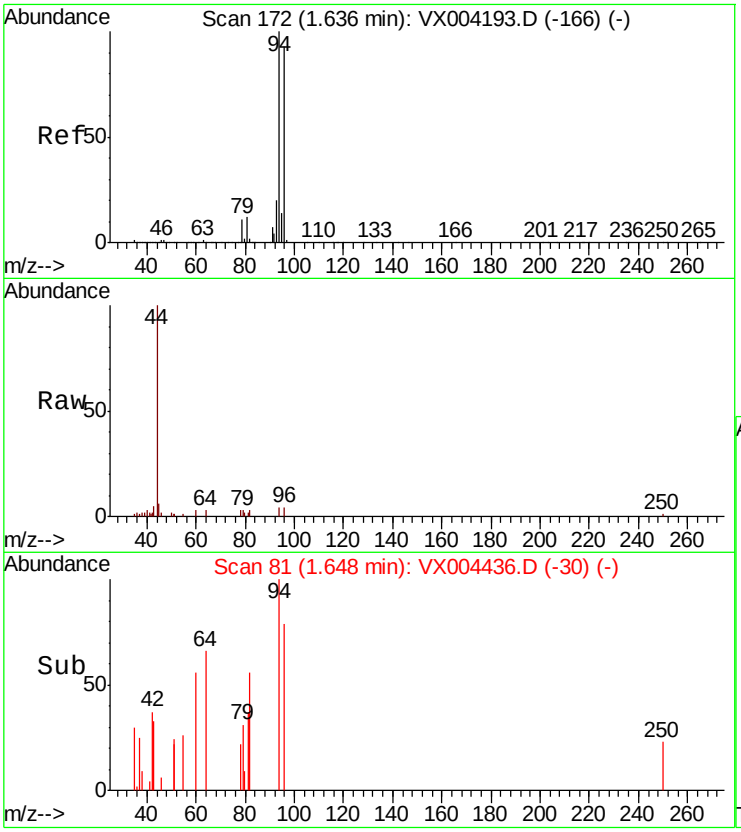


#3
Chloromethane
Concen: 0.48 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Tgt Ion: 50 Resp: 735

Ion	Ratio	Lower	Upper
50	100		
52	46.2	26.2	39.2#



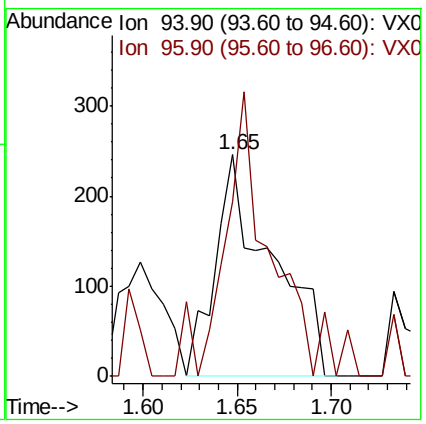


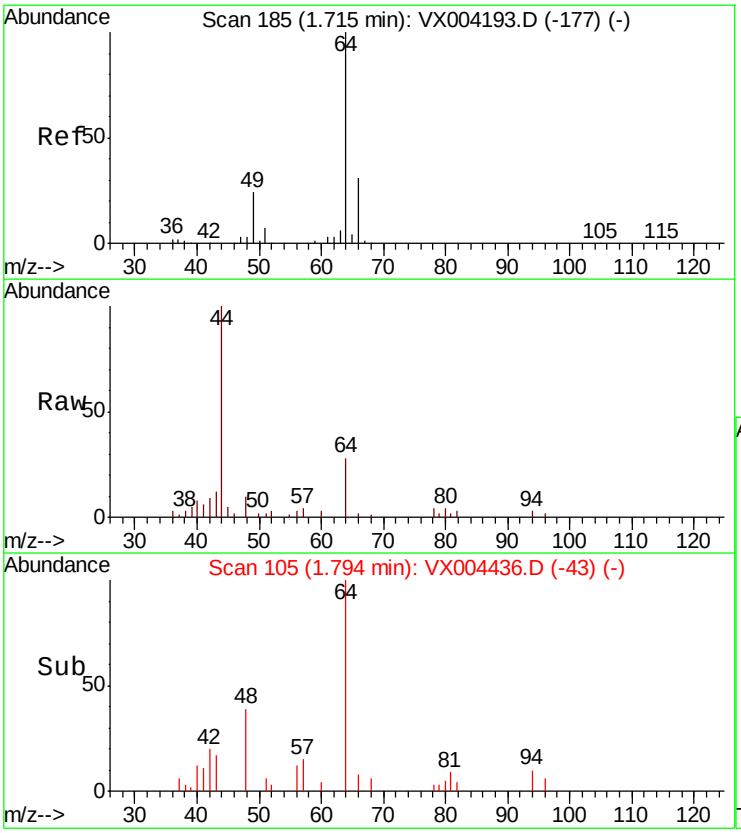
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Instrument : MSVOA_X
ClientSampleId : OK-03-090618

Tgt Ion: 94 Resp: 510

Ion	Ratio	Lower	Upper
94	100		
96	78.9	74.5	111.7

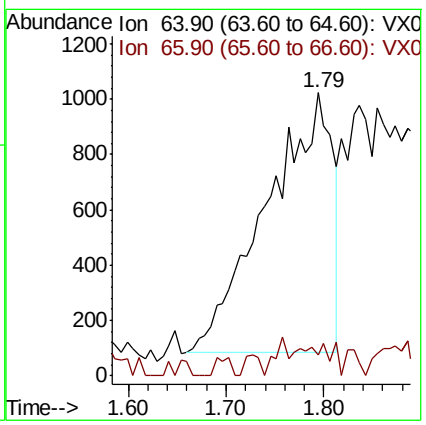


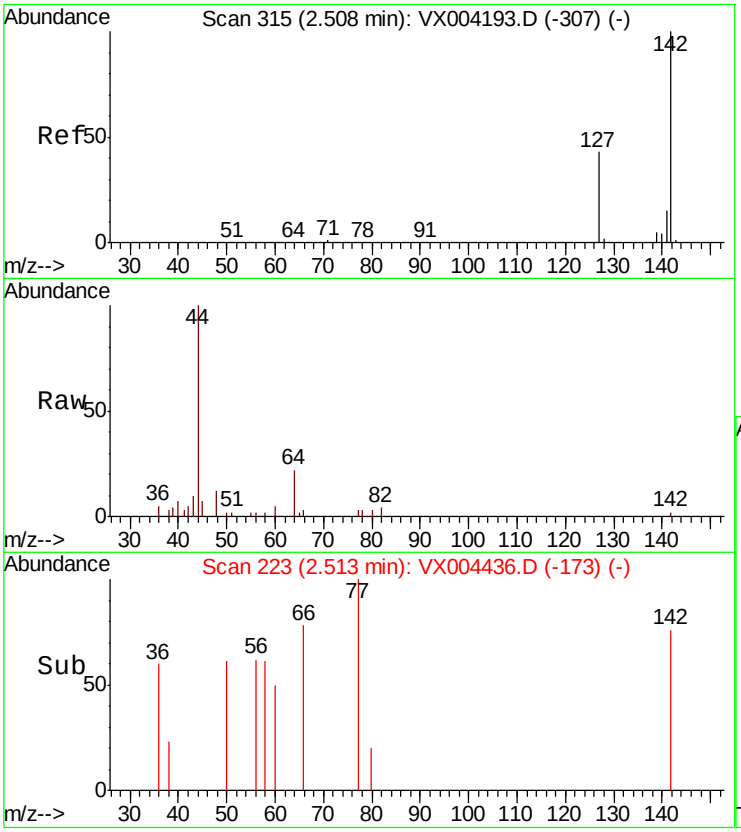


#6
Chloroethane
Concen: 2.36 ug/l
RT: 1.79 min Scan# 105
Delta R.T. 0.08 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Tgt Ion: 64 Resp: 4363

Ion	Ratio	Lower	Upper
64	100		
66	2.8	24.6	36.8#



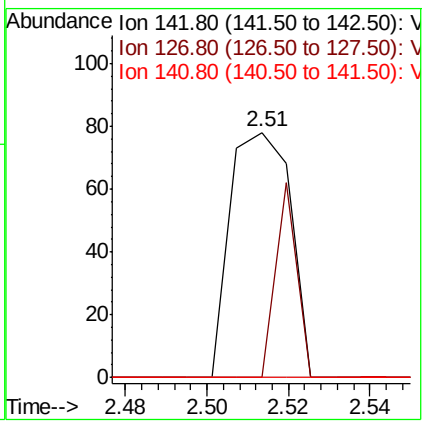


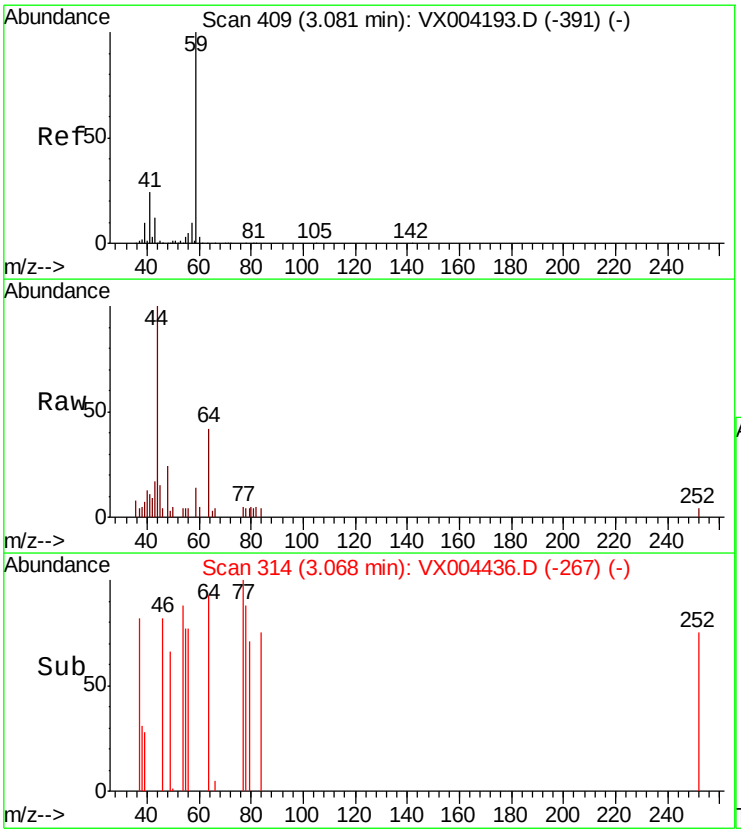
#10
Methyl Iodide
Concen: 4.28 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Instrument :
MSVOA_X
ClientSampleId :
OK-03-090618

Tgt Ion:142 Resp: 80

Ion	Ratio	Lower	Upper
142	100		
127	28.7	33.8	50.6#
141	0.0	11.4	17.0#

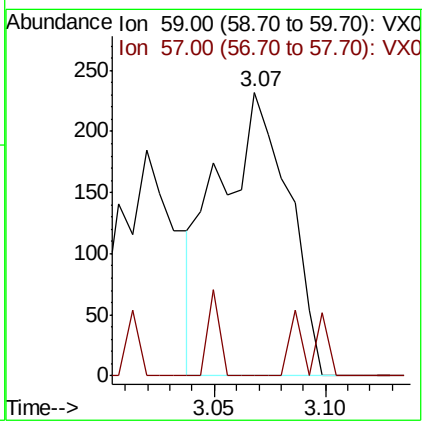


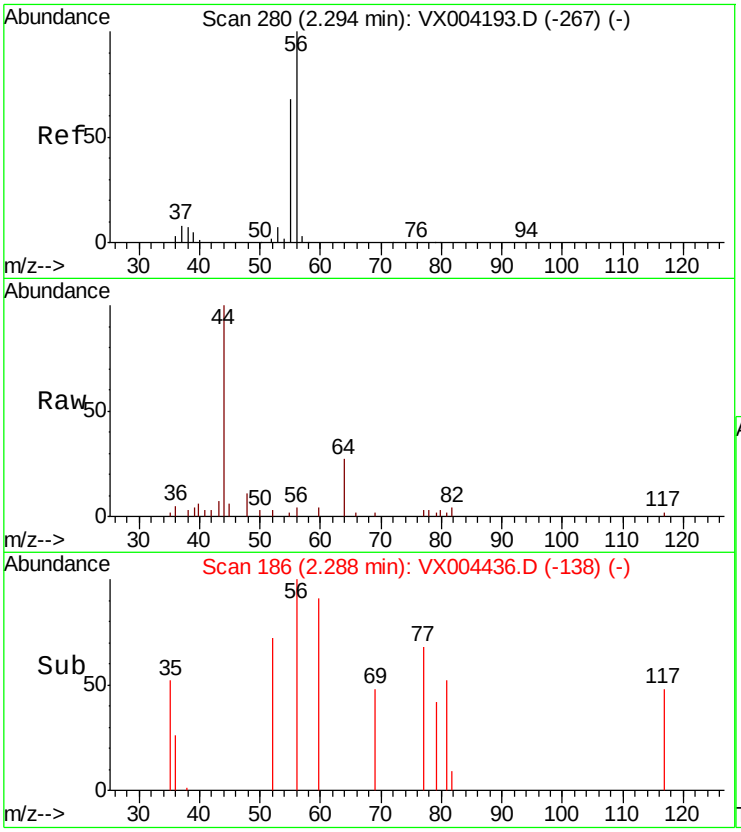


#11
Tert butyl alcohol
Concen: 0.62 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Tgt Ion: 59 Resp: 510

Ion	Ratio	Lower	Upper
59	100		
57	5.1	8.2	12.4#



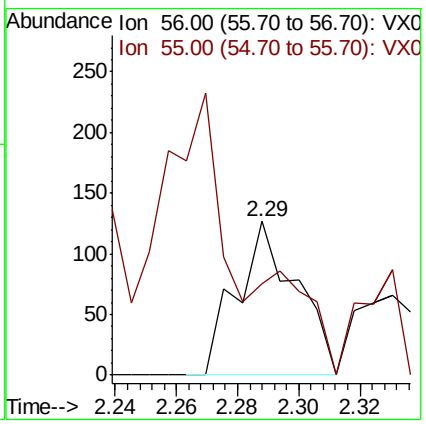


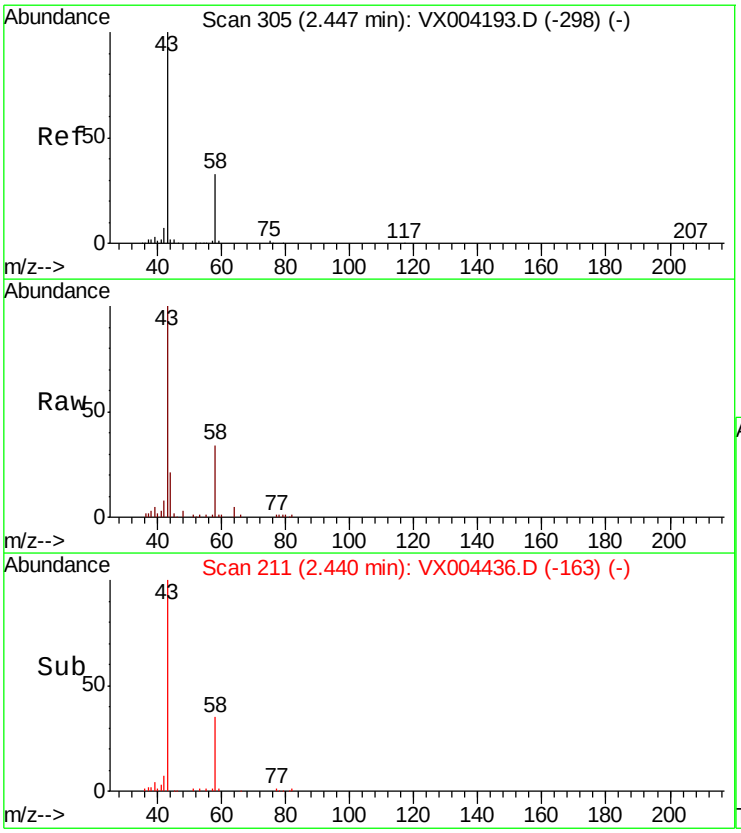
#13
Acrolein
Concen: 0.86 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Instrument :
MSVOA_X
ClientSampleId :
OK-03-090618

Tgt Ion: 56 Resp: 171

Ion	Ratio	Lower	Upper
56	100		
55	110.5	54.7	82.1#

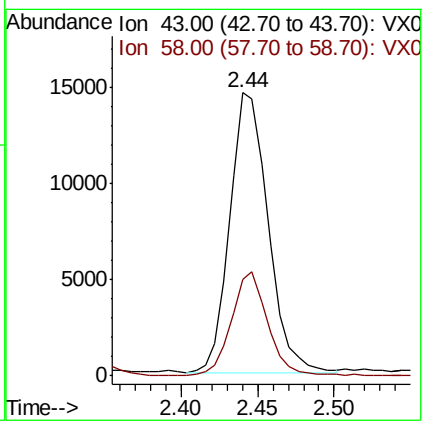


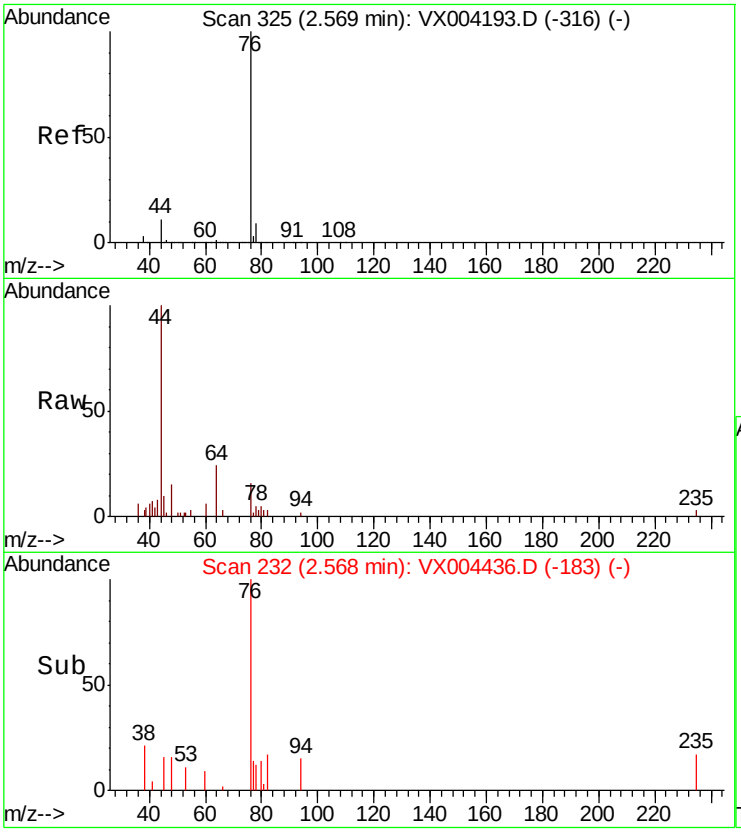


#16
Acetone
Concen: 8.33 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Tgt Ion: 43 Resp: 25357

Ion	Ratio	Lower	Upper
43	100		
58	34.5	26.2	39.4



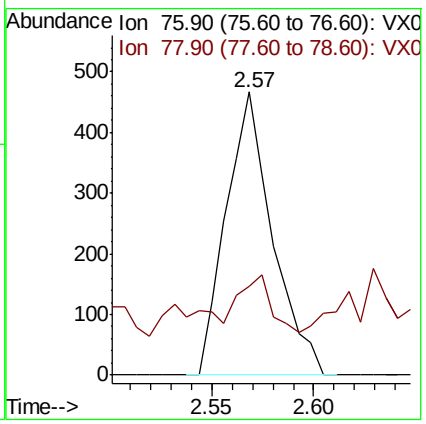


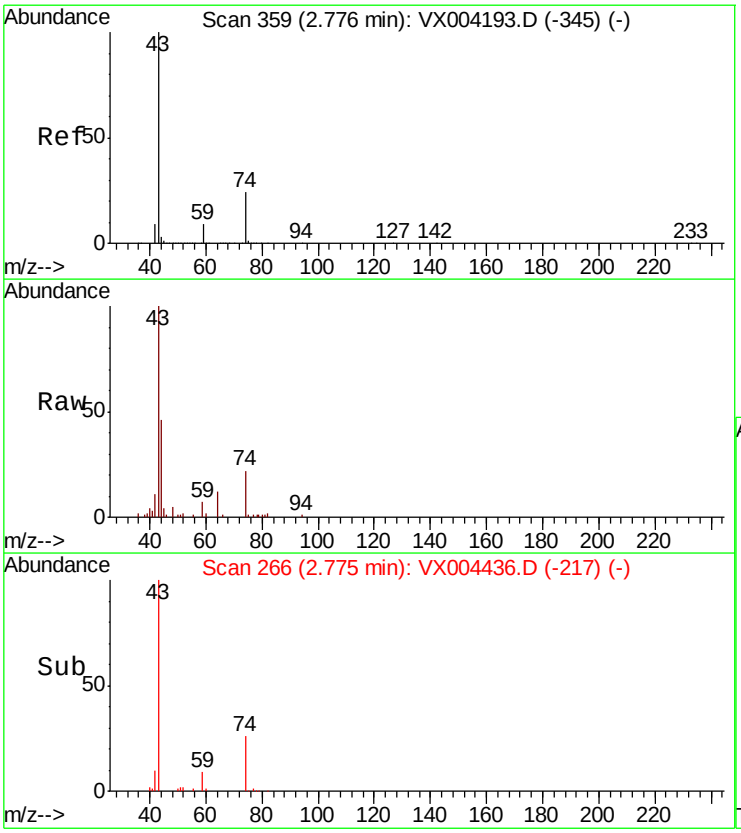
#17
Carbon Disulfide
Concen: 0.88 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Instrument : MSVOA_X
ClientSampleId : OK-03-090618

Tgt Ion: 76 Resp: 733

Ion	Ratio	Lower	Upper
76	100		
78	10.9	7.0	10.6#

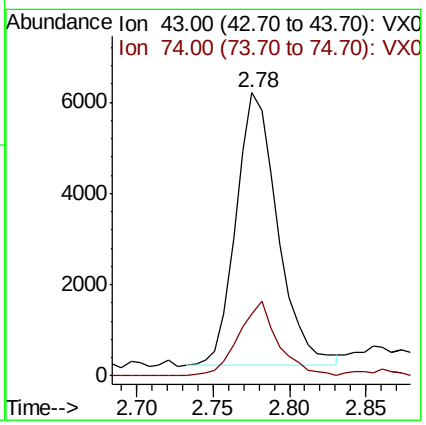


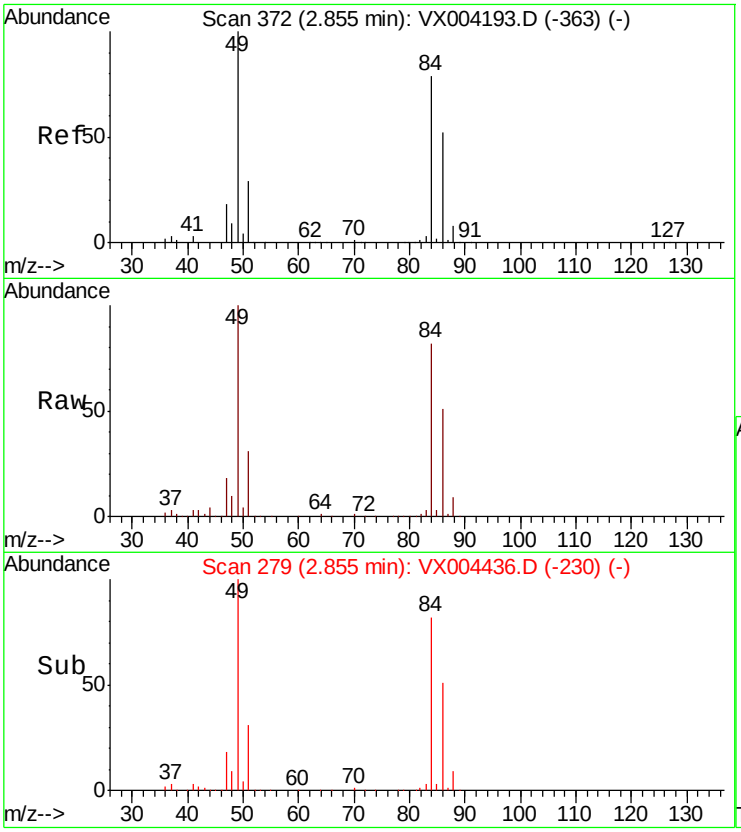


#18
Methyl Acetate
Concen: 1.98 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Tgt Ion: 43 Resp: 11296

Ion	Ratio	Lower	Upper
43	100		
74	25.9	19.4	29.2



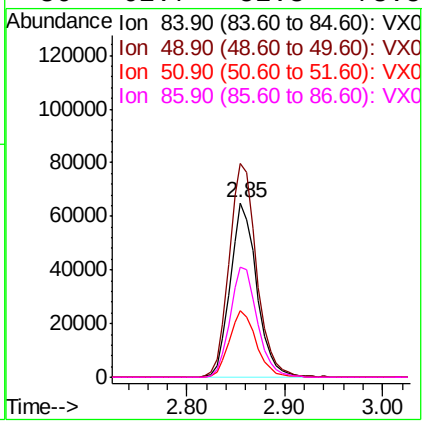


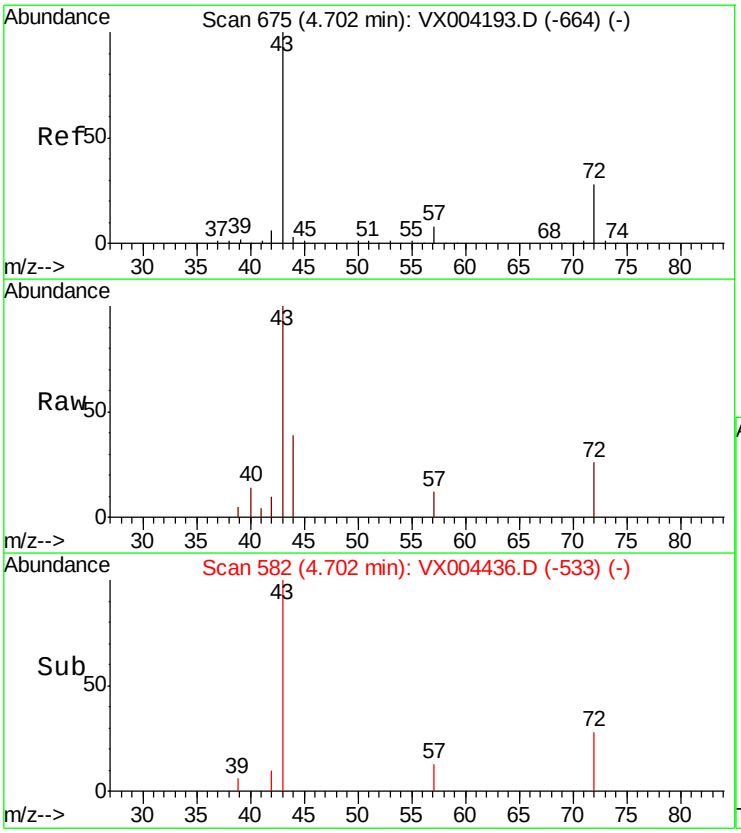
#20
Methylene Chloride
Concen: 33.14 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Instrument :
MSVOA_X
ClientSampleId :
OK-03-090618

Tgt Ion: 84 Resp: 122787

Ion	Ratio	Lower	Upper
84	100		
49	122.3	101.2	151.8
51	38.1	29.5	44.3
86	62.7	52.3	78.5

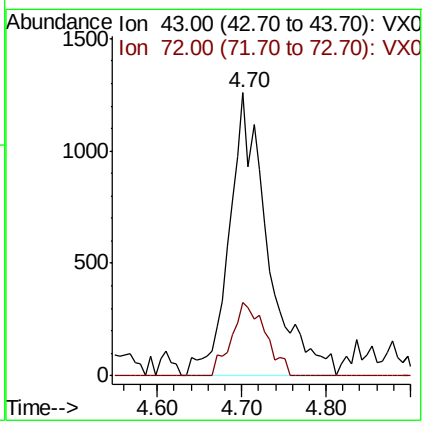


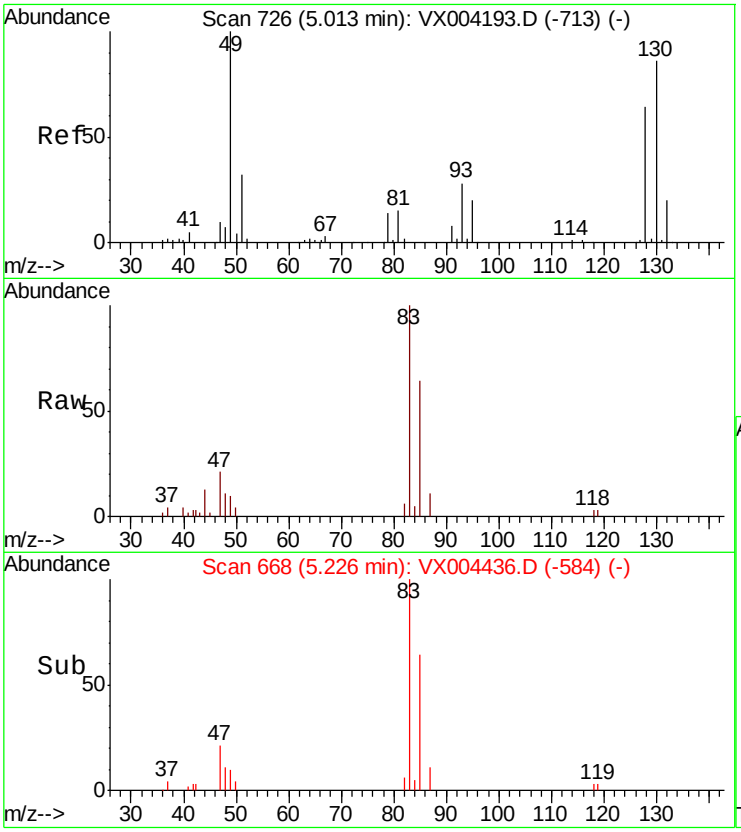


#25
2-Butanone
Concen: Below Cal
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Tgt Ion: 43 Resp: 3919

Ion	Ratio	Lower	Upper
43	100		
72	26.1	22.0	33.0



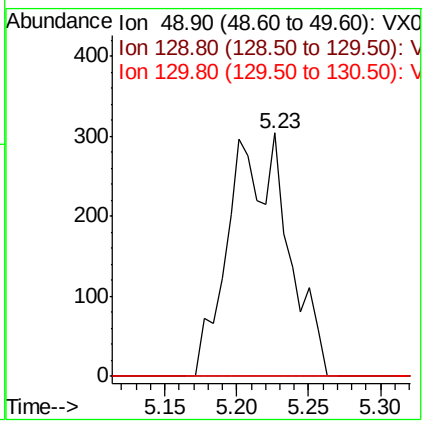


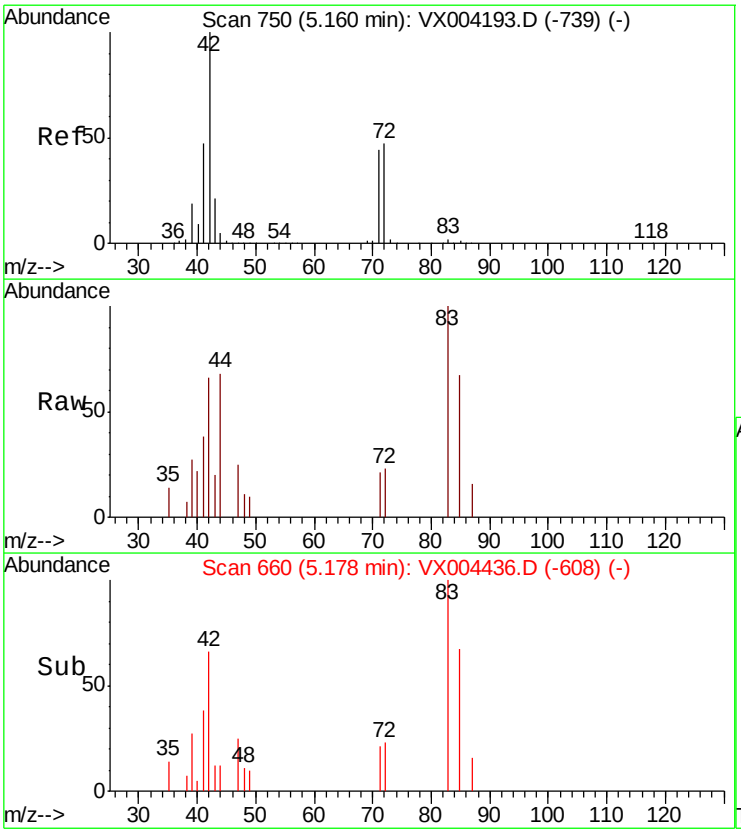
#28
Bromochloromethane
Concen: 0.31 ug/l
RT: 5.23 min Scan# 668
Delta R.T. 0.21 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Instrument : MSVOA_X
ClientSampleId : OK-03-090618

Tgt Ion: 49 Resp: 855

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	67.5	101.3#

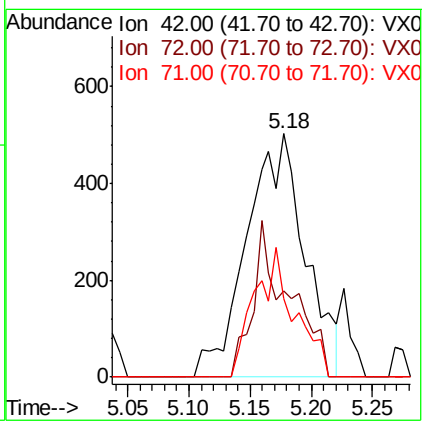


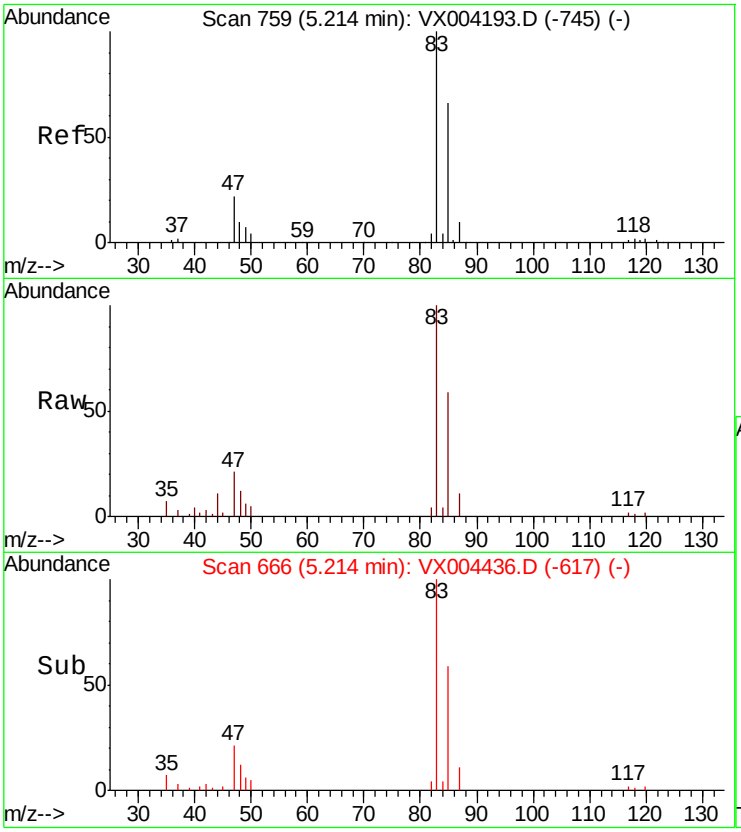


#29
Tetrahydrofuran
Concen: 1.01 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Tgt Ion: 42 Resp: 1668

Ion	Ratio	Lower	Upper
42	100		
72	40.2	37.4	56.0
71	36.5	34.5	51.7



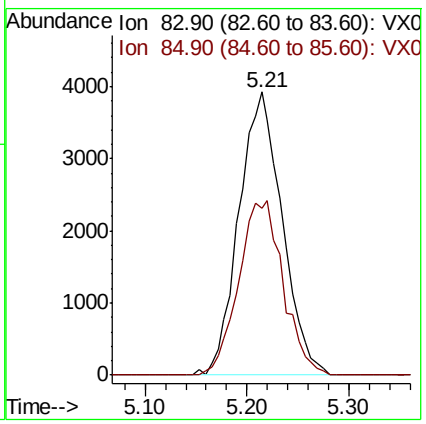


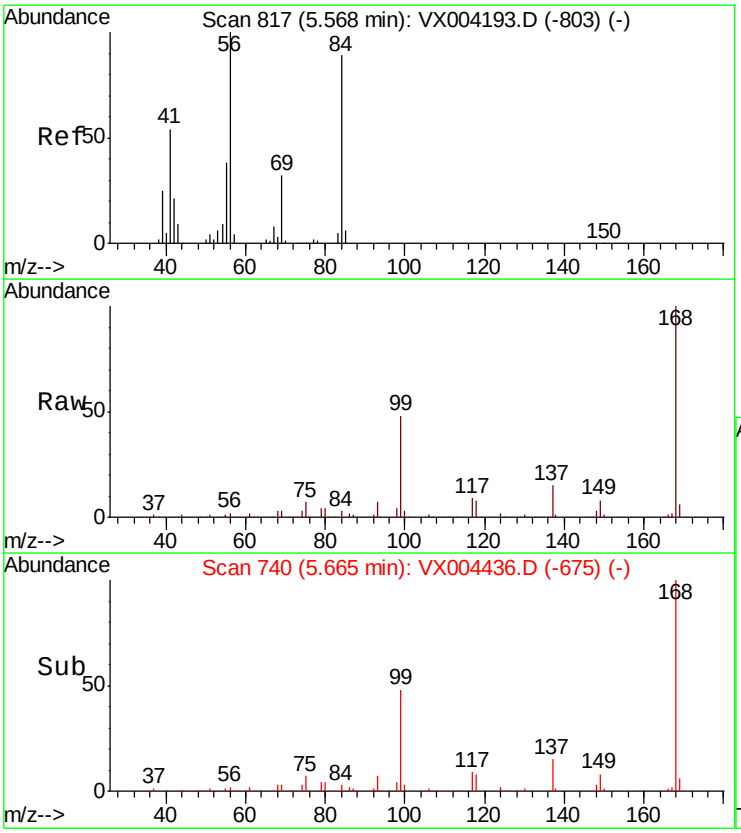
#30
Chloroform
Concen: 1.84 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Instrument :
MSVOA_X
ClientSampleId :
OK-03-090618

Tgt Ion: 83 Resp: 11540

Ion	Ratio	Lower	Upper
83	100		
85	58.9	52.6	79.0

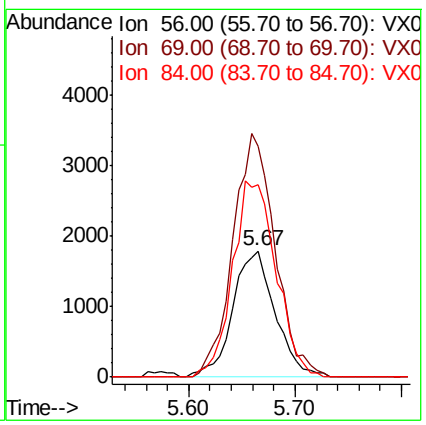


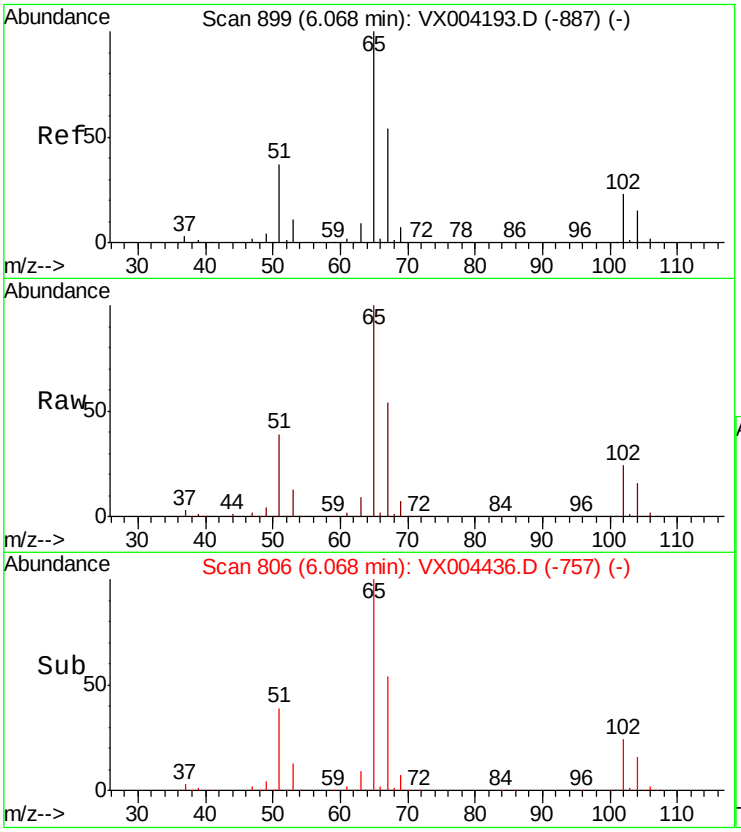


#31
Cyclohexane
Concen: 0.93 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.10 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Tgt Ion: 56 Resp: 4998

Ion	Ratio	Lower	Upper
56	100		
69	183.3	25.4	38.2#
84	153.4	71.4	107.2#



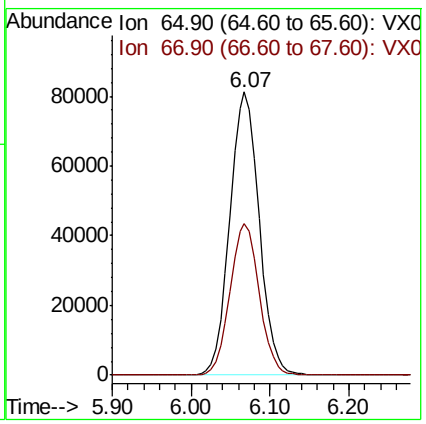


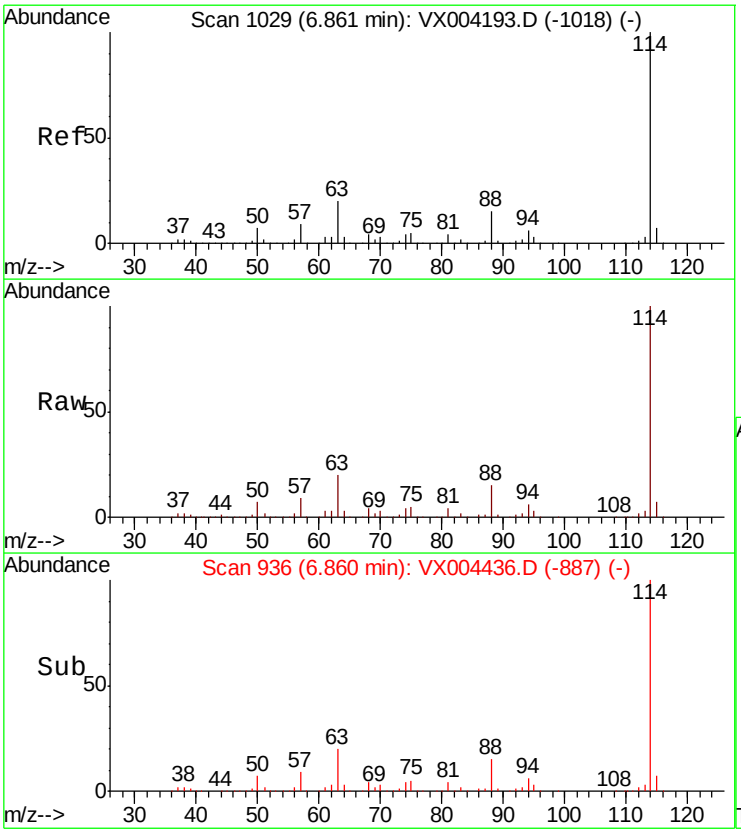
#33
1,2-Dichloroethane-d4
Concen: 54.75 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Instrument :
MSVOA_X
ClientSampleId :
OK-03-090618

Tgt Ion: 65 Resp: 210757

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	106.8

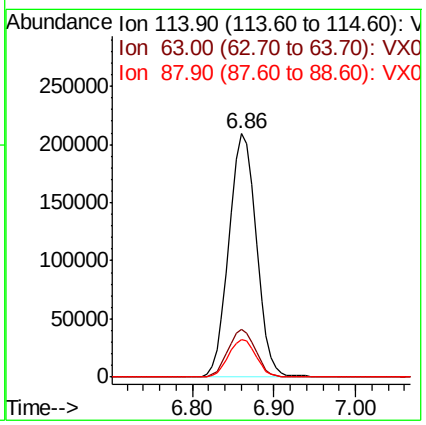


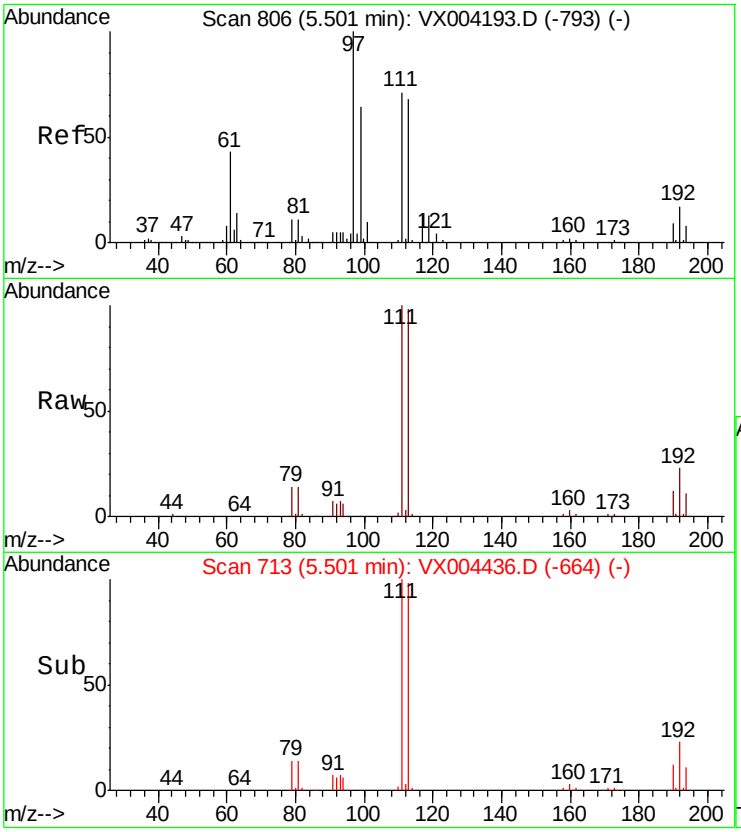


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Tgt Ion:114 Resp: 488407

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.0
88	15.4	0.0	30.4



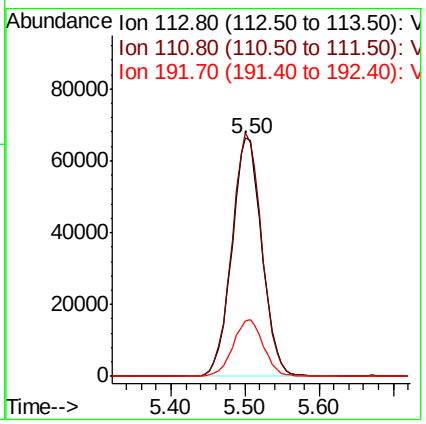


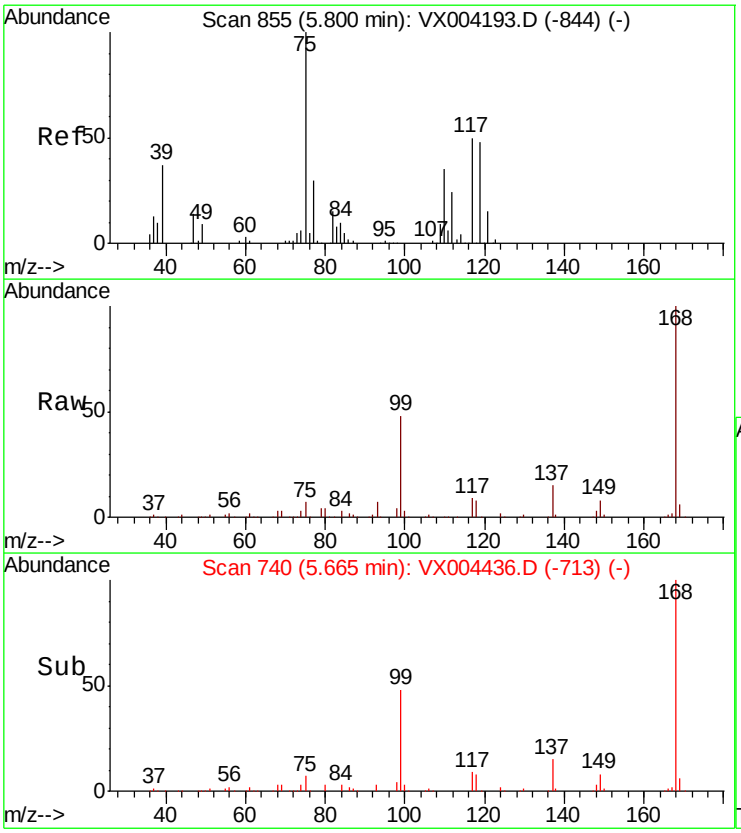
#35
Dibromofluoromethane
Concen: 51.61 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Instrument :
MSVOA_X
ClientSampleId :
OK-03-090618

Tgt Ion:113 Resp: 187517

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.4	123.6
192	23.8	19.4	29.2

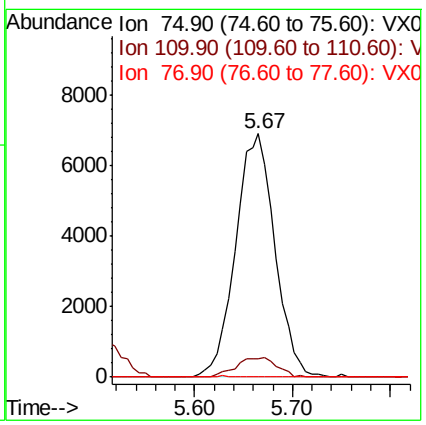


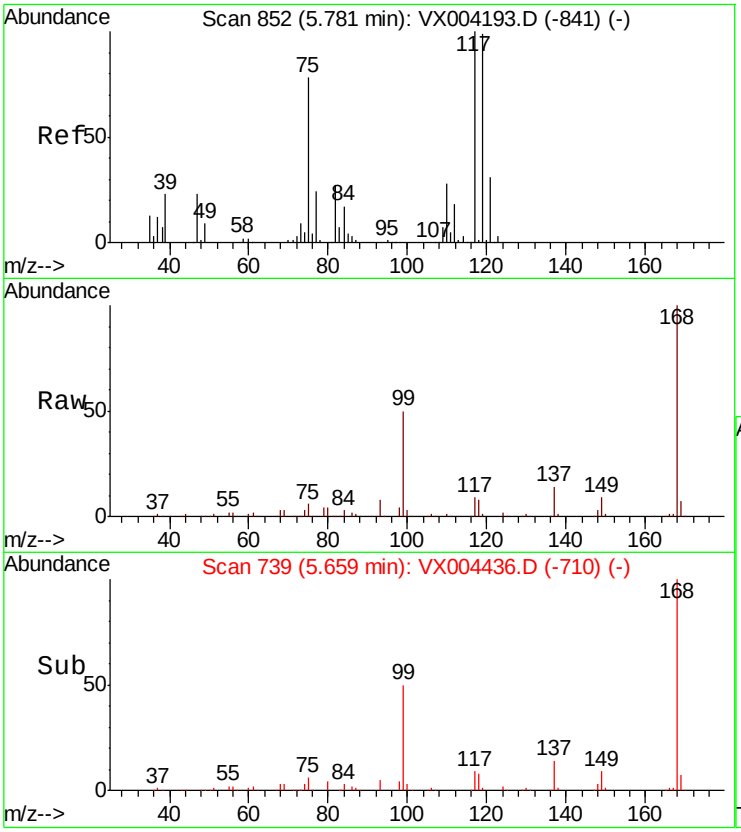


#36
1,1-Dichloropropene
Concen: 3.49 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Tgt Ion: 75 Resp: 19190

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.0	54.0#
77	0.0	24.6	36.8#



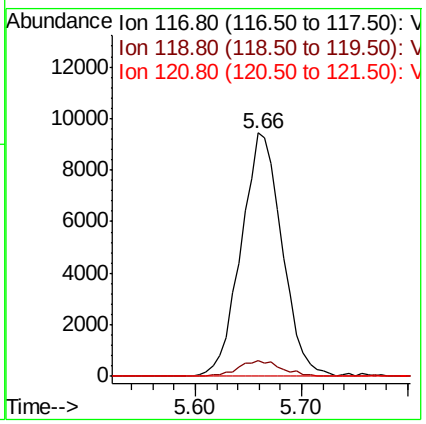


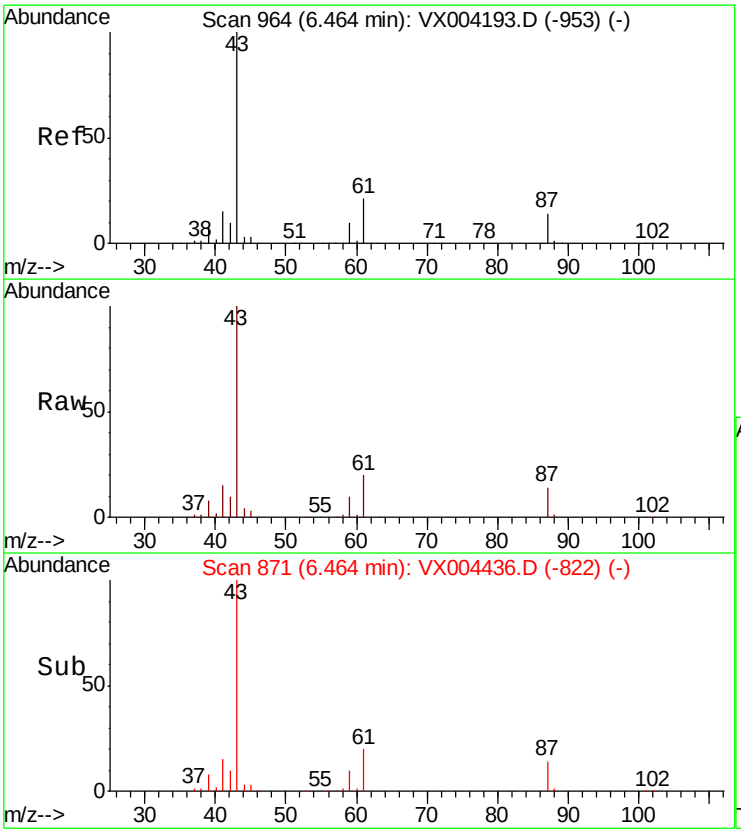
#38
Carbon Tetrachloride
Concen: 4.92 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Instrument :
MSVOA_X
ClientSampleId :
OK-03-090618

Tgt Ion:117 Resp: 25390

Ion	Ratio	Lower	Upper
117	100		
119	6.6	78.8	118.2#
121	0.0	24.9	37.3#

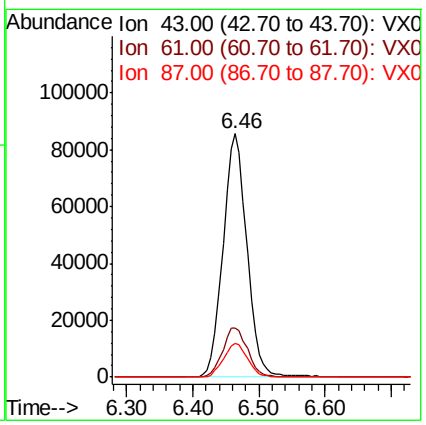


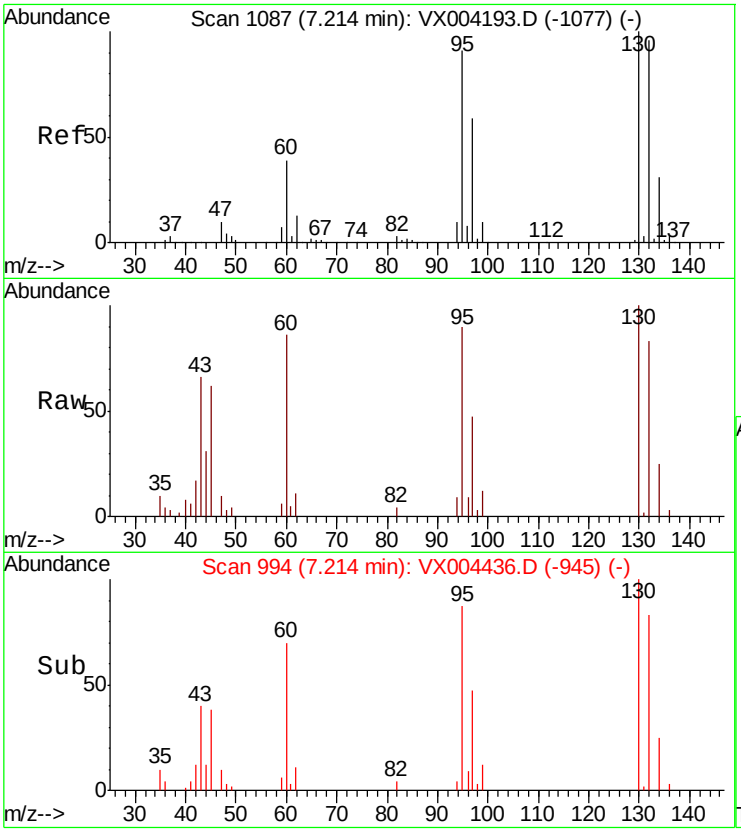


#43
Isopropyl Acetate
Concen: 25.76 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Tgt Ion: 43 Resp: 213757

Ion	Ratio	Lower	Upper
43	100		
61	21.0	17.0	25.4
87	13.8	11.4	17.2



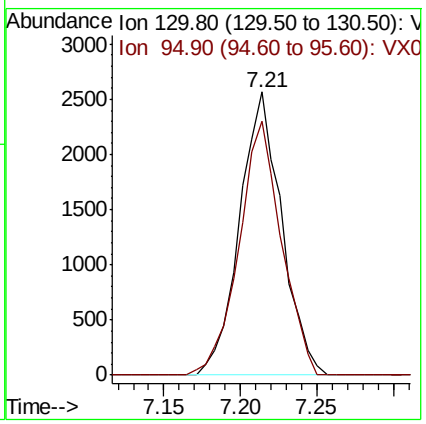


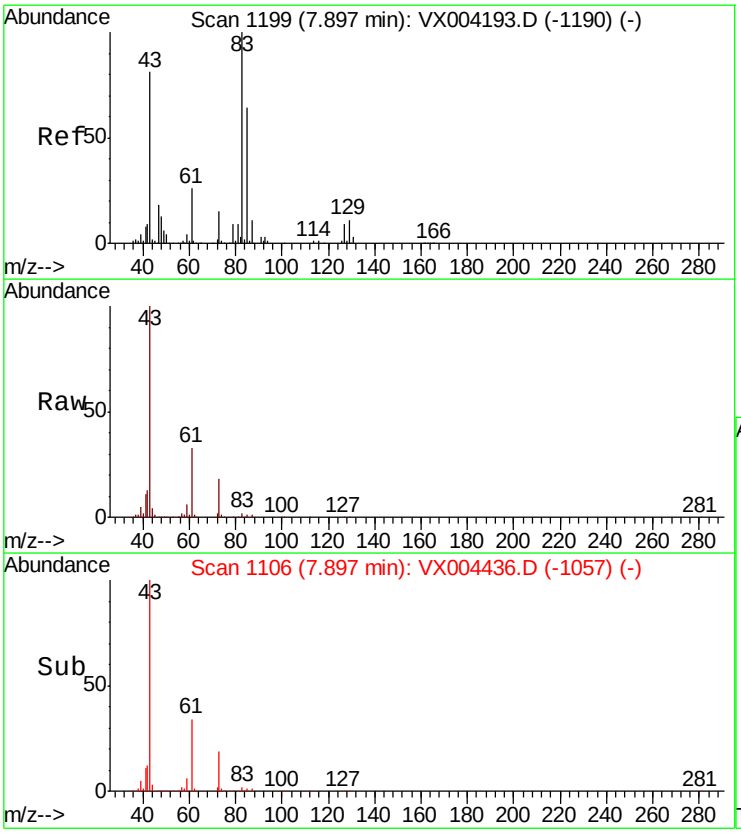
#44
Trichloroethene
Concen: 1.08 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Instrument :
MSVOA_X
ClientSampleId :
OK-03-090618

Tgt Ion:130 Resp: 4892

Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	181.6

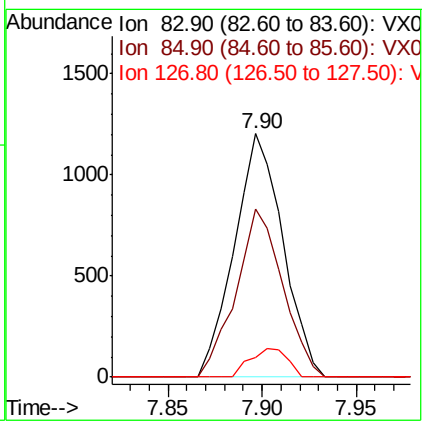


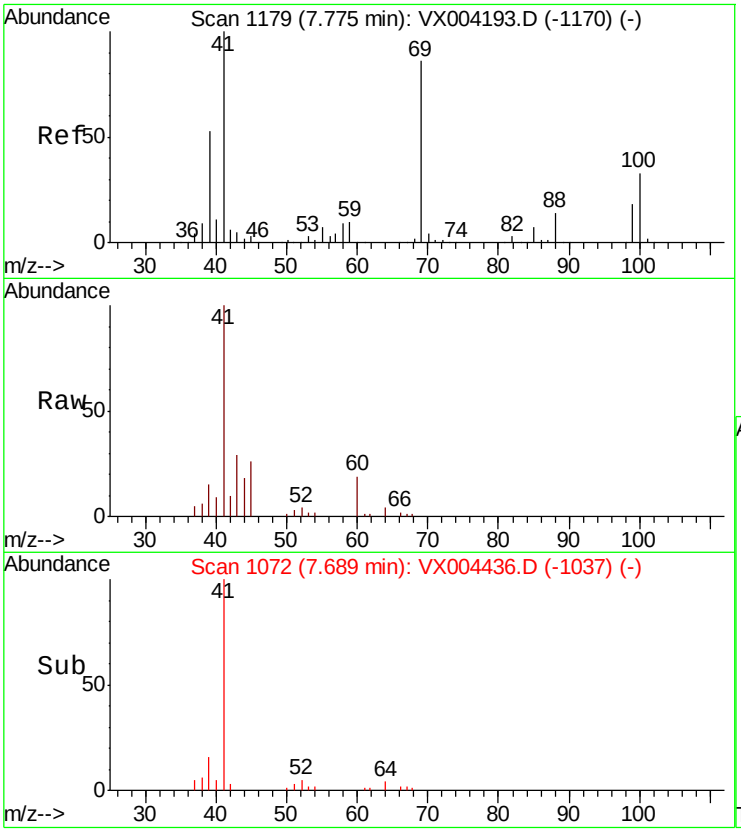


#47
Bromodichloromethane
Concen: 0.42 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Tgt Ion: 83 Resp: 2142

Ion	Ratio	Lower	Upper
83	100		
85	68.9	50.9	76.3
127	8.2	7.3	10.9



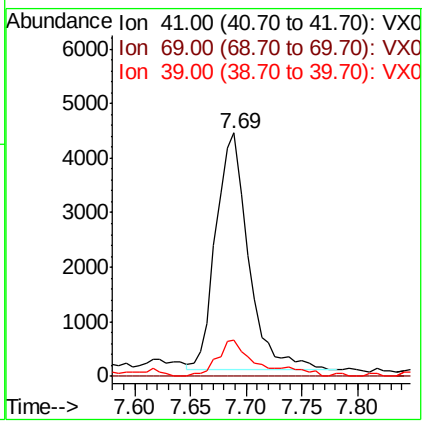


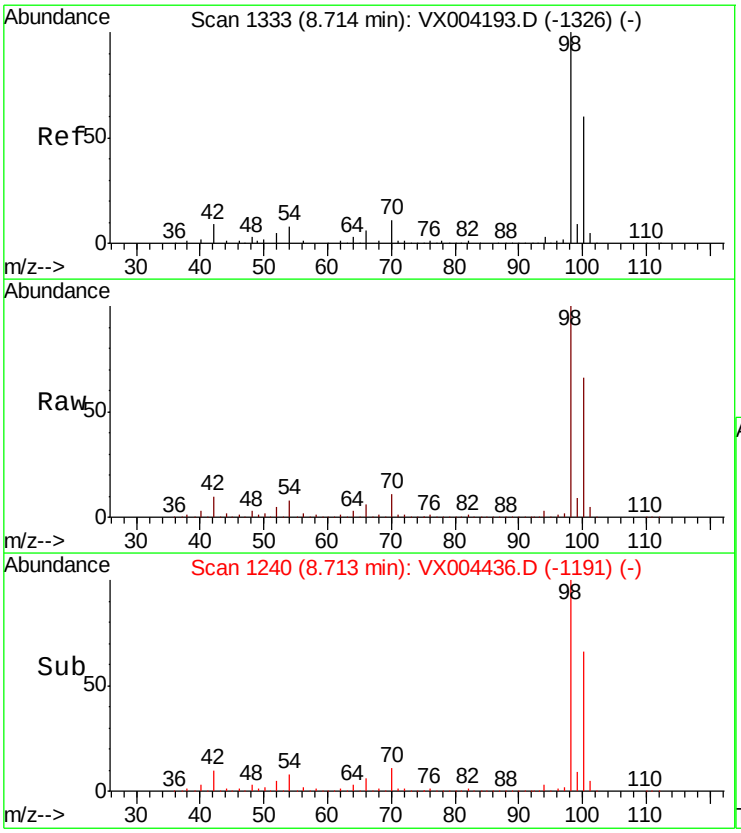
#48
Methyl methacrylate
Concen: 1.99 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Instrument :
MSVOA_X
ClientSampleId :
OK-03-090618

Tgt Ion: 41 Resp: 8826

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	15.7	42.7	64.1#

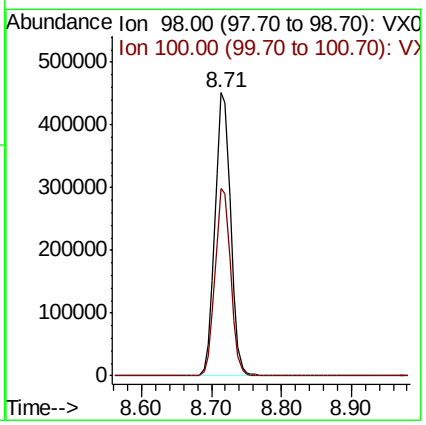


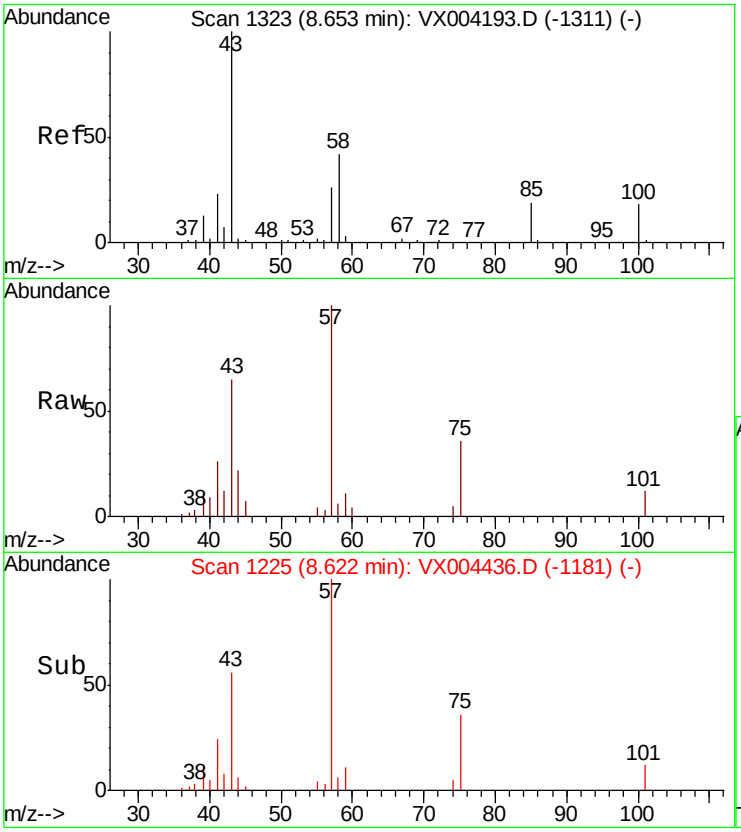


#50
Toluene-d8
Concen: 51.30 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Tgt Ion: 98 Resp: 703624

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3



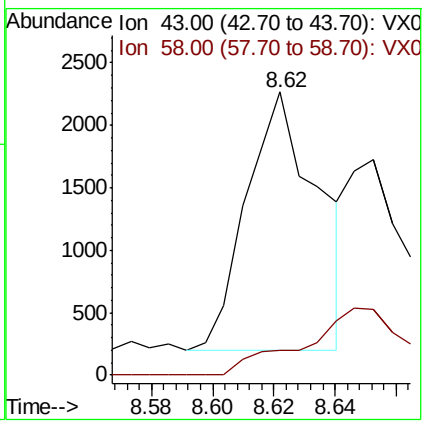


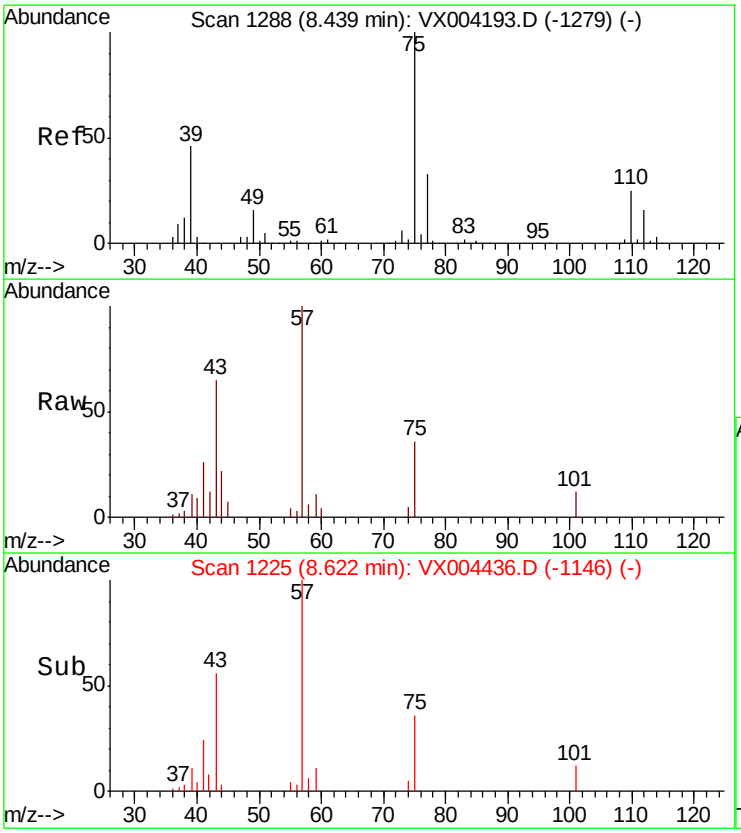
#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Instrument : MSVOA_X
ClientSampleId : OK-03-090618

Tgt Ion: 43 Resp: 3341

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.1	49.7#

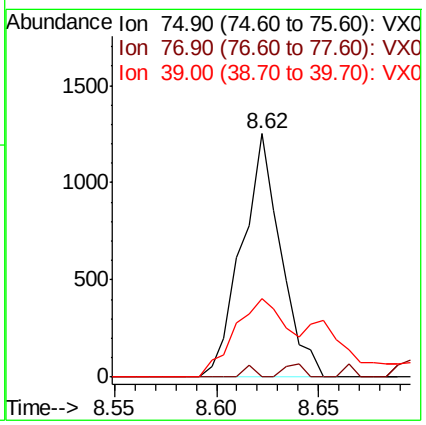


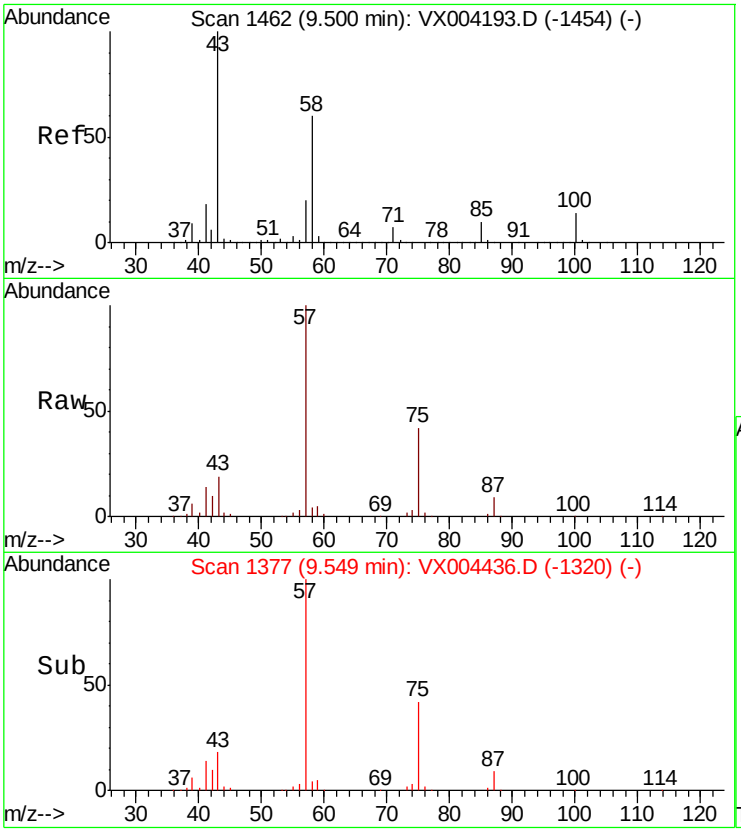


#54
cis-1,3-Dichloropropene
Concen: 0.27 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Tgt Ion: 75 Resp: 1670

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#
39	32.1	36.4	54.6#



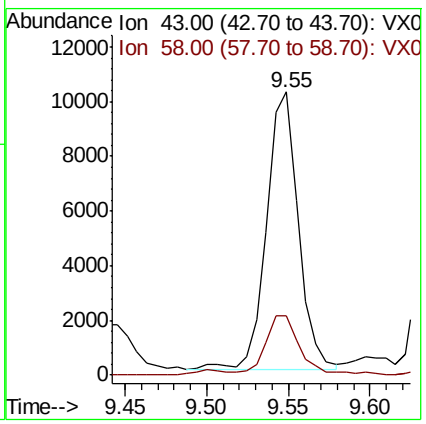


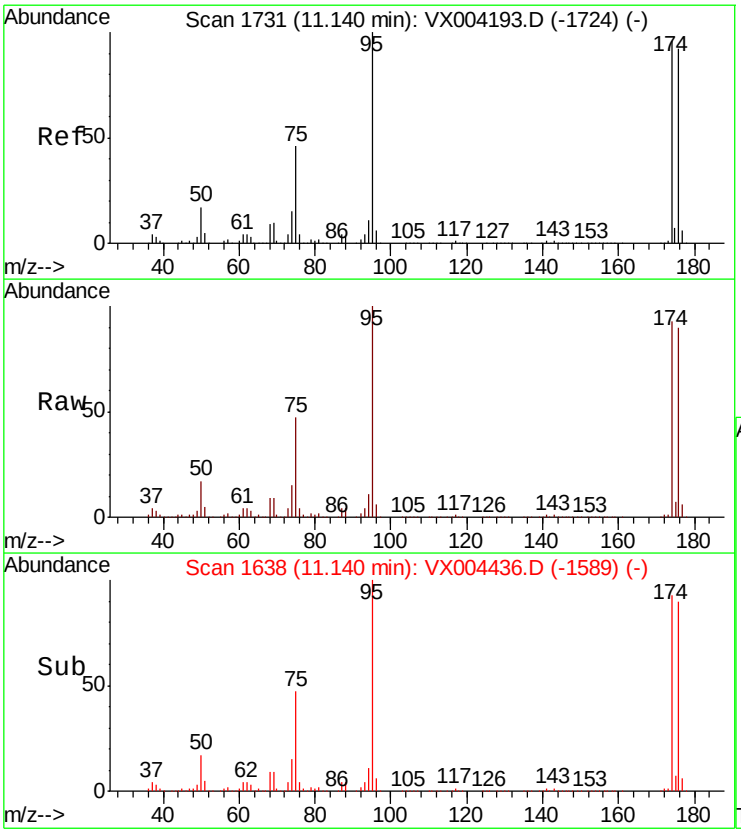
#59
2-Hexanone
Concen: 3.01 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Instrument : MSVOA_X
ClientSampleId : OK-03-090618

Tgt Ion: 43 Resp: 13850

Ion	Ratio	Lower	Upper
43	100		
58	23.4	29.0	87.0#

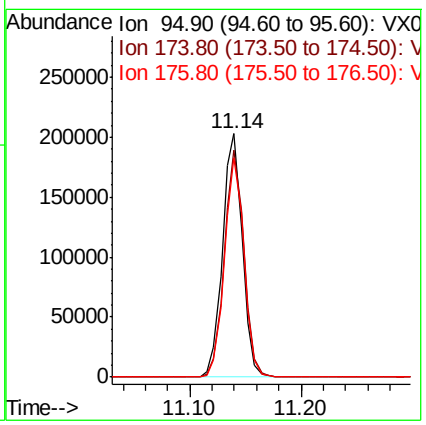


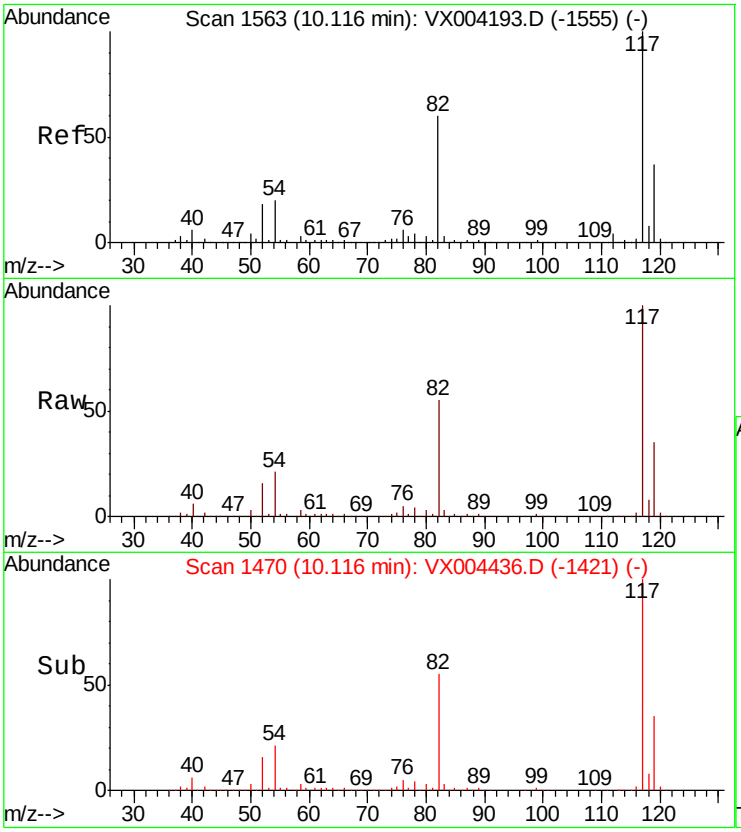


#62
4-Bromofluorobenzene
Concen: 48.58 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Tgt Ion: 95 Resp: 248585

Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	185.2
176	89.0	0.0	178.6



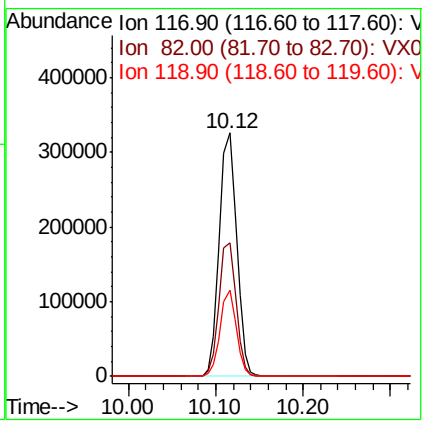


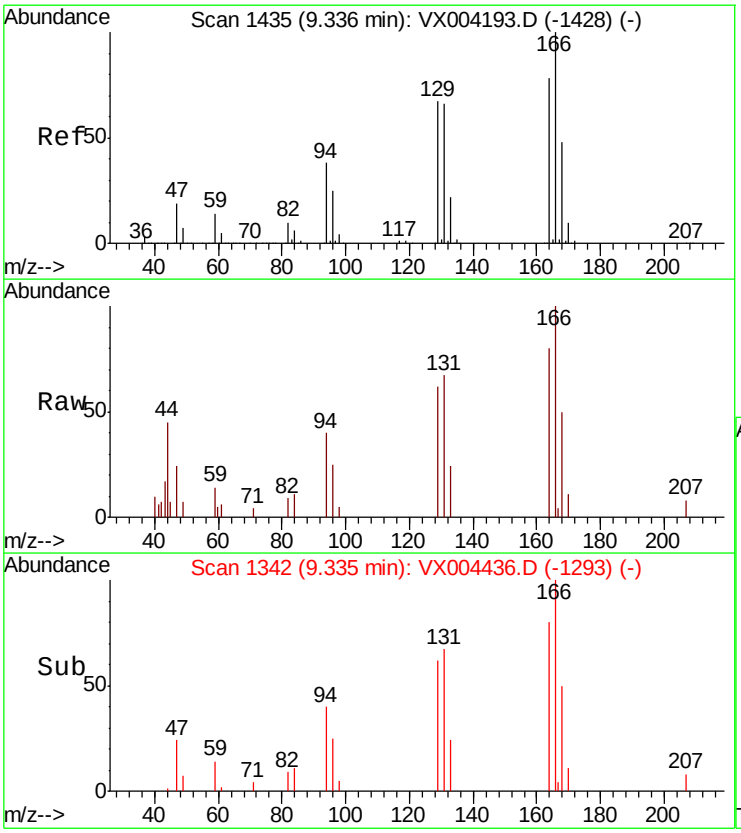
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Instrument : MSVOA_X
ClientSampleId : OK-03-090618

Tgt Ion:117 Resp: 449132

Ion	Ratio	Lower	Upper
117	100		
82	55.0	47.8	71.6
119	35.3	29.3	43.9

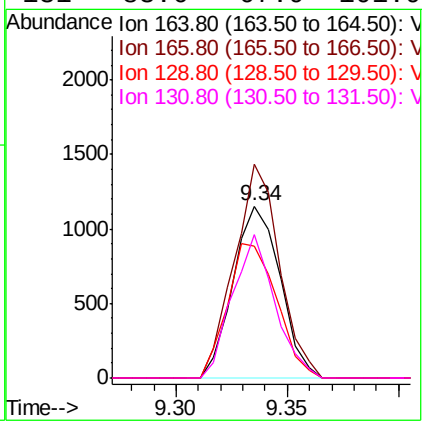


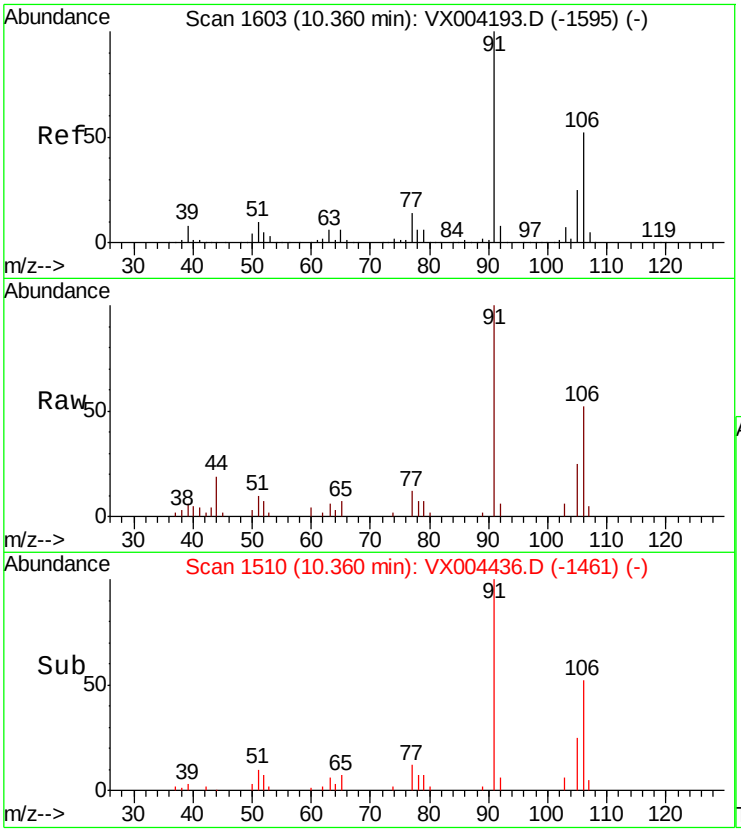


#64
Tetrachloroethene
Concen: 0.38 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Tgt Ion:164 Resp: 1691

Ion	Ratio	Lower	Upper
164	100		
166	124.5	102.8	154.2
129	76.6	69.4	104.0
131	83.6	67.9	101.9



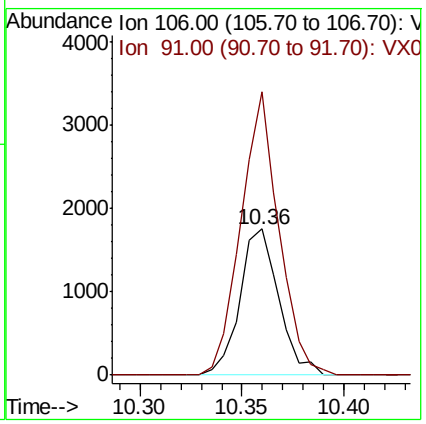


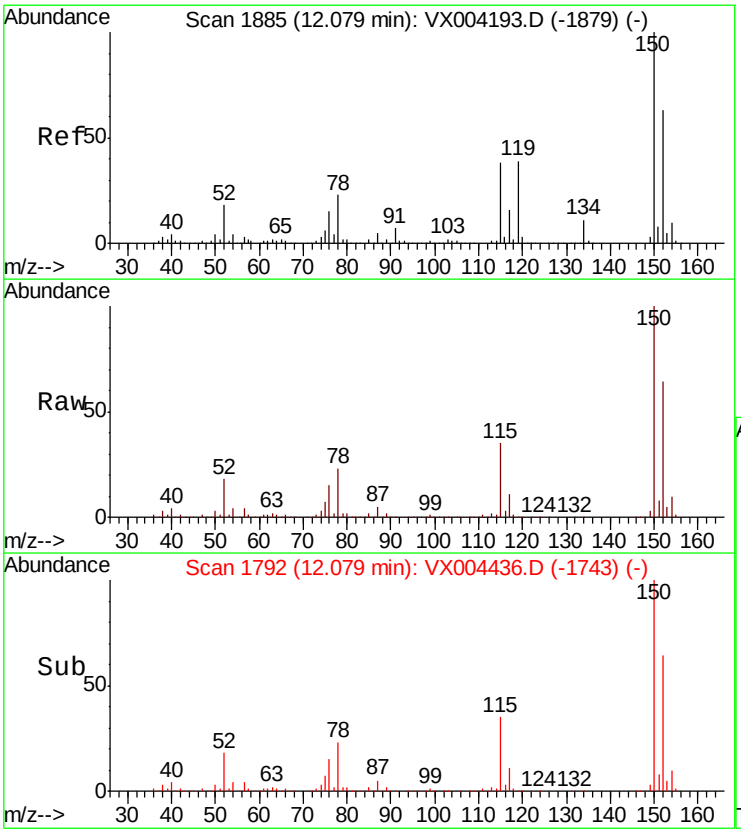
#68
m/p-Xylenes
Concen: 0.33 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Instrument :
MSVOA_X
ClientSampleId :
OK-03-090618

Tgt Ion:106 Resp: 2331

Ion	Ratio	Lower	Upper
106	100		
91	188.5	157.1	235.7

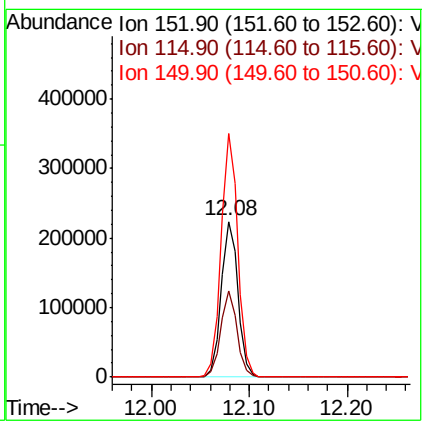


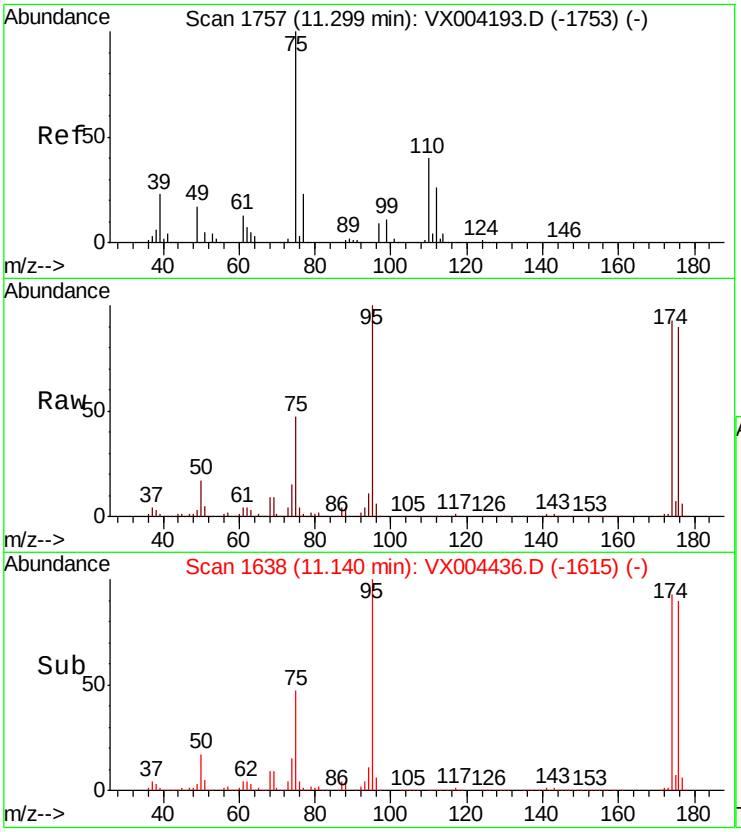


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Tgt Ion:152 Resp: 264062

Ion	Ratio	Lower	Upper
152	100		
115	54.3	39.0	117.0
150	156.5	0.0	351.0



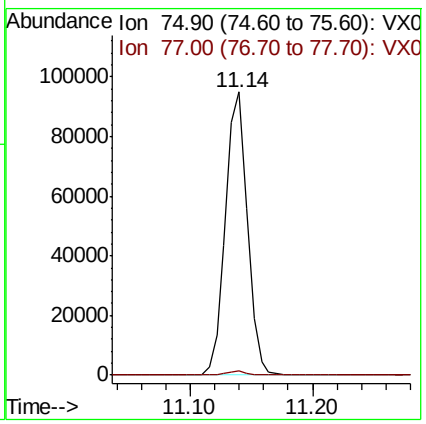


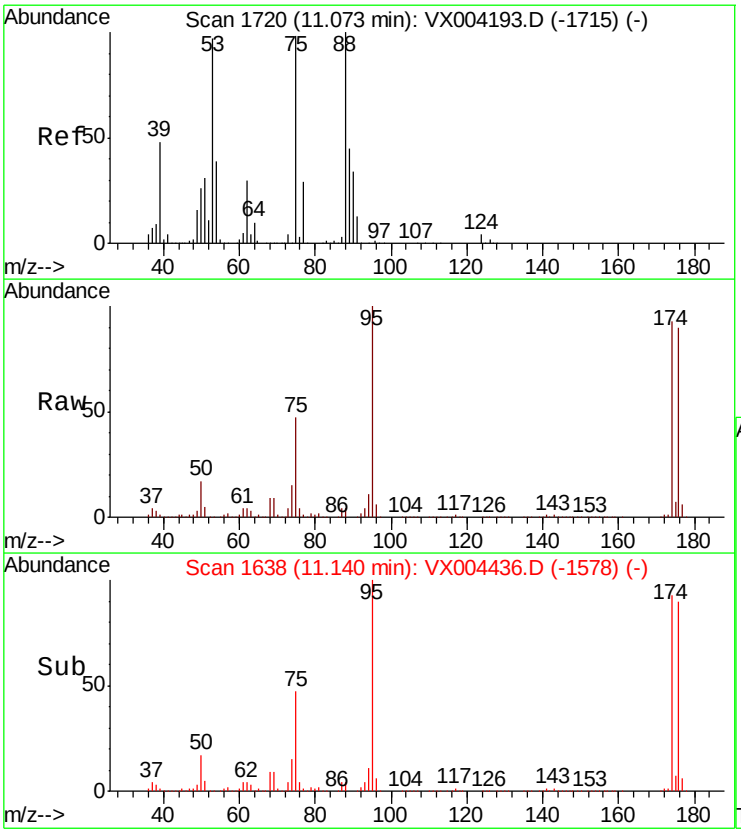
#76
1,2,3-Trichloropropane
Concen: 21.89 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Instrument :
MSVOA_X
ClientSampleId :
OK-03-090618

Tgt Ion: 75 Resp: 117573

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#

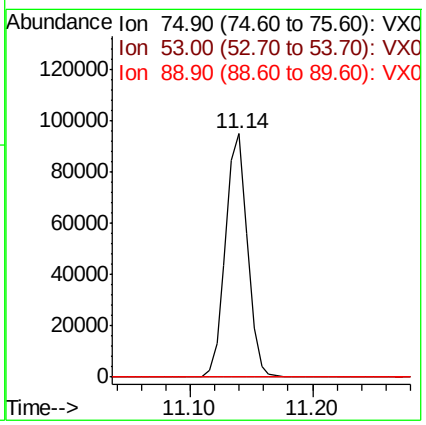


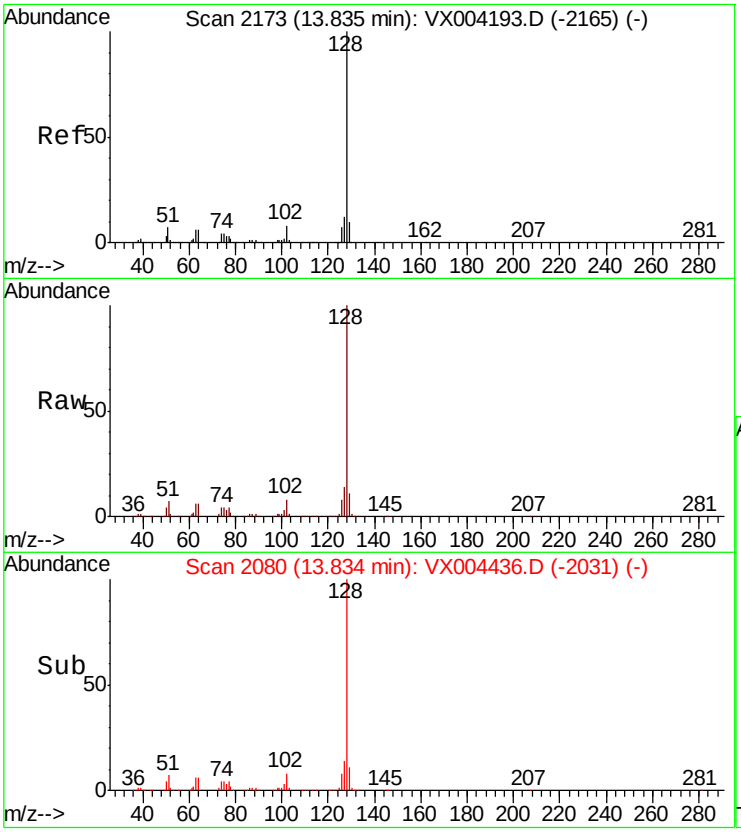


#81
trans-1,4-Dichloro-2-butene
Concen: 71.03 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Tgt Ion: 75 Resp: 117573

Ion	Ratio	Lower	Upper
75	100		
53	0.3	80.1	120.1#
89	0.0	37.2	55.8#





#95
Naphthalene
Concen: 13.18 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004436.D
Acq: 08 Sep 2018 04:59

Instrument :
MSVOA_X
ClientSampleId :
OK-03-090618

Tgt Ion:128 Resp: 227109

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.0	8.6	12.8