Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121218\
Data File : VX006471.D
Acq On : 13 Dec 2018 03:46
Operator : JC/MD
Sample : J6189-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HR-05-121118-A

Quant Time: Dec 13 06:58:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	683072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1067126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	982635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	470256	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	358106	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.72%			
35) Dibromofluoromethane	5.51	113	320961	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.90%			
50) Toluene-d8	8.71	98	1270661	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.12%			
62) 4-Bromofluorobenzene	11.13	95	464348	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.06%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.02	59	6467	3.391	ug/l #	79
13) Acrolein	2.31	56	244	0.234	ug/l #	76
16) Acetone	2.45	43	27474	8.396	ug/l	97
18) Methyl Acetate	2.78	43	13347	1.220	ug/l	100
20) Methylene Chloride	2.86	84	402441	57.785	ug/l	95
25) 2-Butanone	4.70	43	4935	1.057	ug/l #	81
29) Tetrahydrofuran	5.16	42	2898	0.893	ug/l #	43
30) Chloroform	5.23	83	3438	0.300	ug/l	95
36) 1,1-Dichloropropene	5.66	75	45370	5.049	ug/l #	49
38) Carbon Tetrachloride	5.67	117	64825	6.132	ug/l #	16
40) Benzene	6.15	78	7031	0.261	ug/l #	85
43) Isopropyl Acetate	6.46	43	33068	1.971	ug/l	98
48) Methyl methacrylate	7.68	41	16250	1.991	ug/l #	13
49) 1,4-Dioxane	7.76	88	48	0.239	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	163933	16.783	ug/l #	49
52) Toluene	8.79	92	6214	0.351	ug/l	97
54) cis-1,3-Dichloropropene	8.62	75	86754	7.467	ug/l #	58
57) 1,3-Dichloropropane	9.54	76	21232	1.867	ug/l #	44
59) 2-Hexanone	9.54	43	250490	33.567	ug/l #	51
68) m/p-Xylenes	10.36	106	5561	0.400	ug/l	98
69) o-Xylene	10.70	106	3342	0.243	ug/l	98
74) N-amyl acetate	10.69	43	25296	1.809	ug/l #	56
76) 1,2,3-Trichloropropane	11.13	75	211110	23.258	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	15266	0.565	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	211110	54.581	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.80	105	36424	1.305	ug/l	97
89) n-Butylbenzene	12.39	91	5080	0.202	ug/l #	26
95) Naphthalene	13.83	128	75577	2.092	ug/l	97

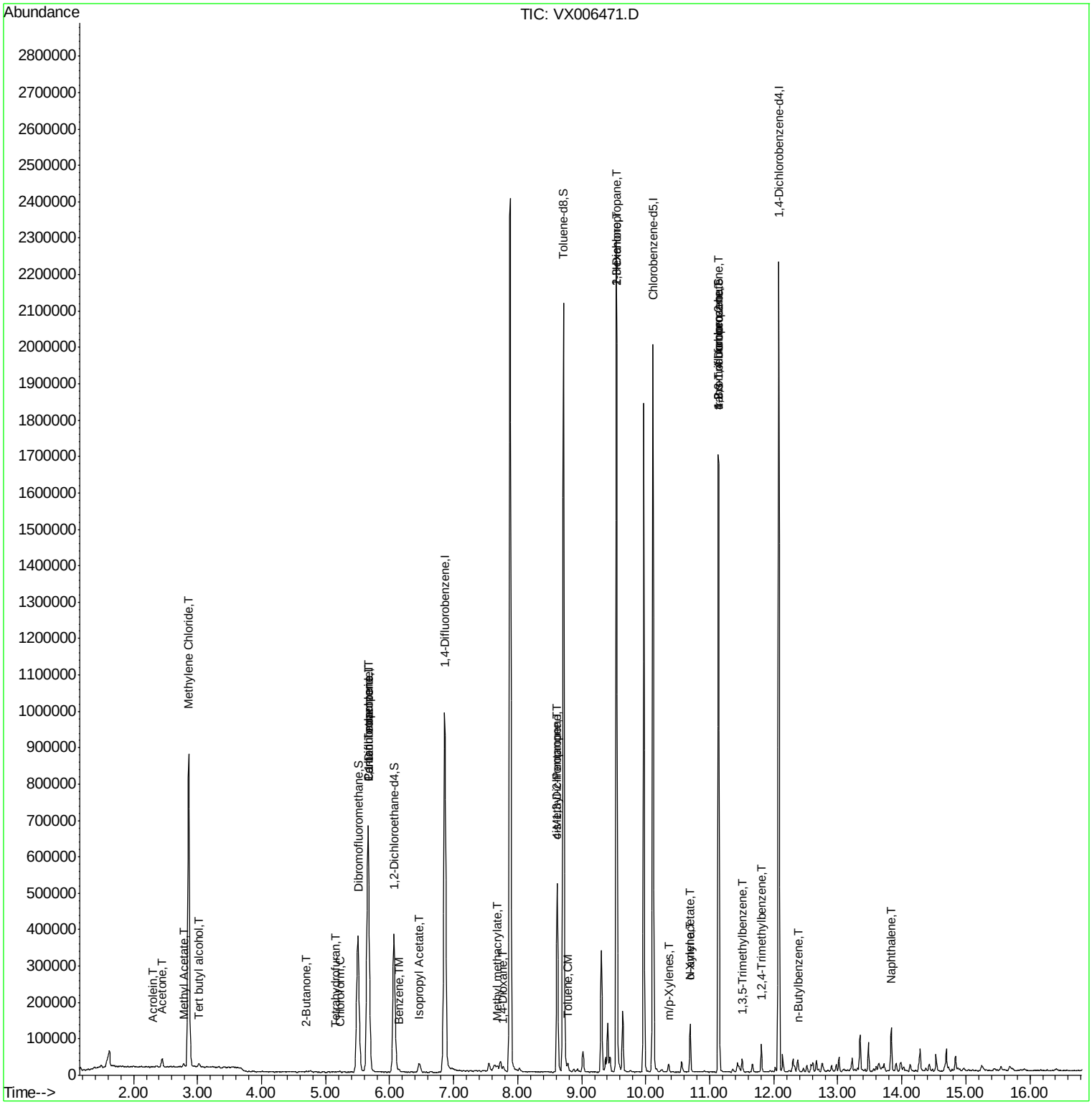
(#) = qualifier out of range (m) = manual integration (+) = signals summed

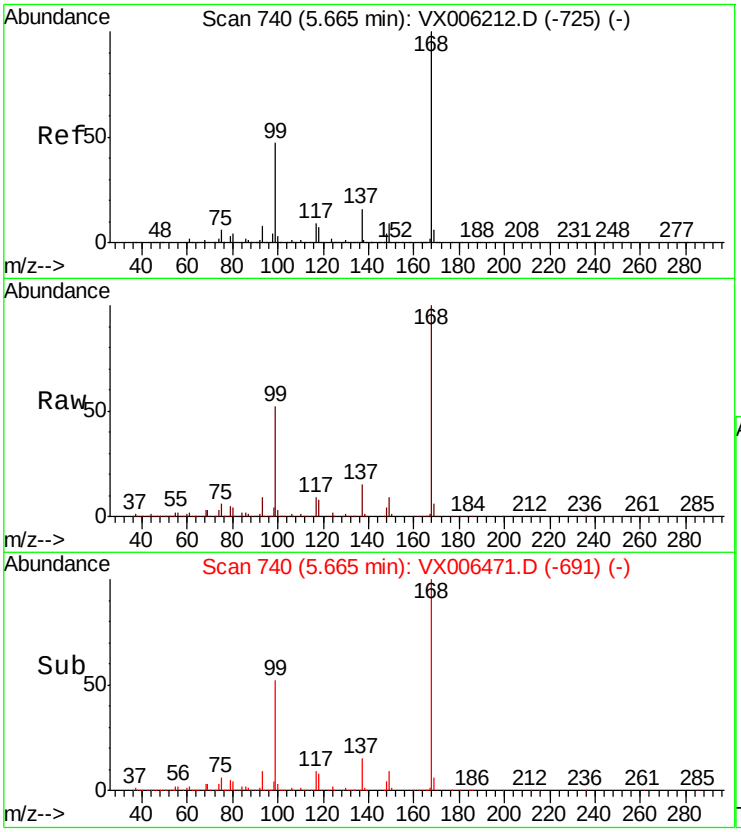
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121218\
Data File : VX006471.D
Acq On : 13 Dec 2018 03:46
Operator : JC/MD
Sample : J6189-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HR-05-121118-A

Quant Time: Dec 13 06:58:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration



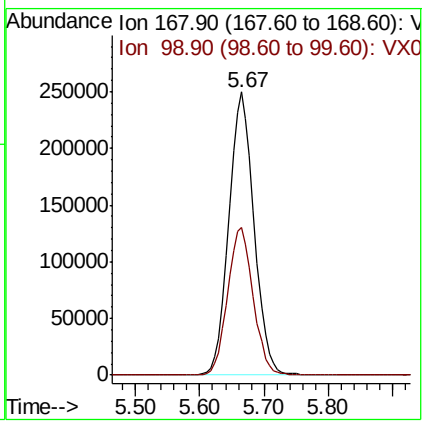


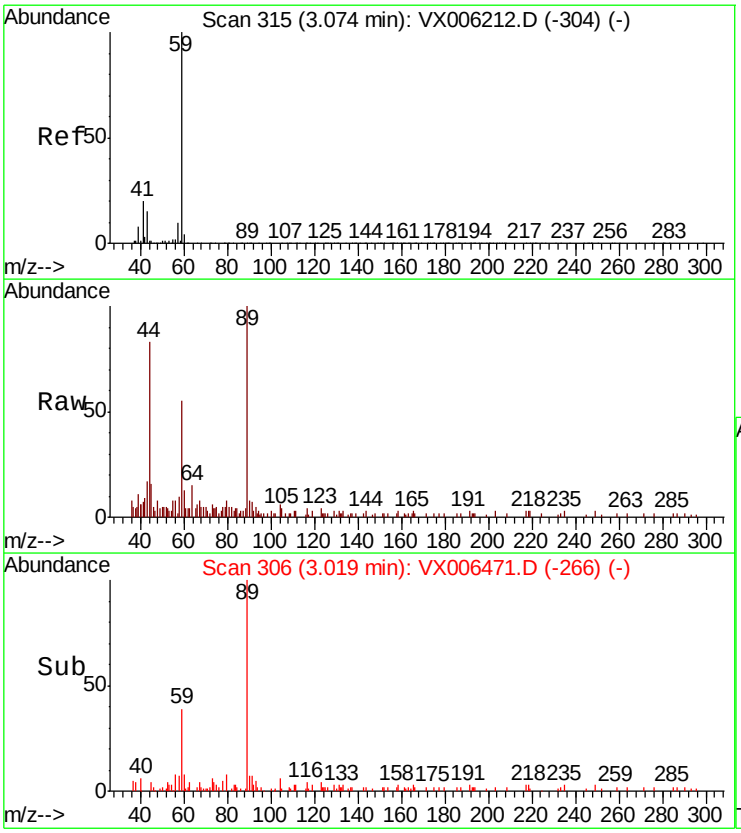
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Instrument :
MSVOA_X
ClientSampleId :
HR-05-121118-A

Tgt Ion:168 Resp: 683072

Ion	Ratio	Lower	Upper
168	100		
99	52.1	37.8	56.8

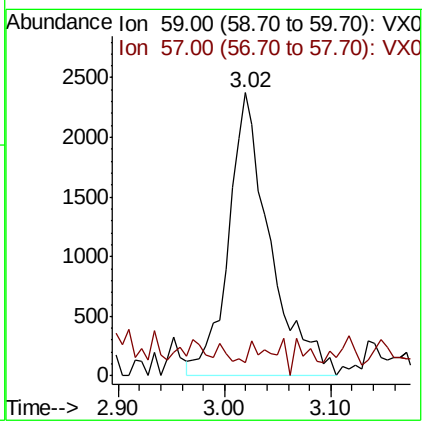


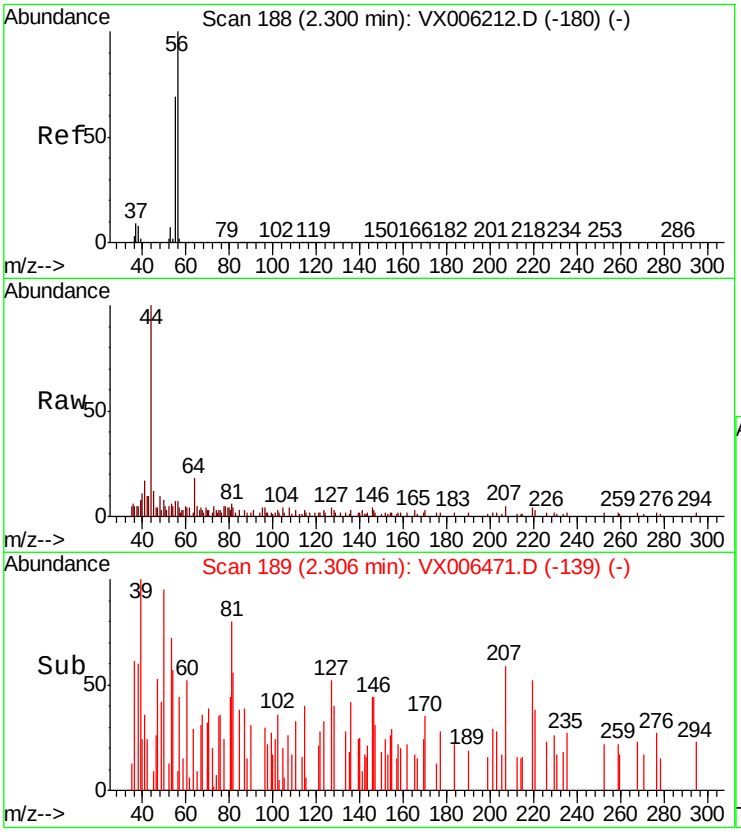


#11
Tert butyl alcohol
Concen: 3.391 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Tgt Ion: 59 Resp: 6467

Ion	Ratio	Lower	Upper
59	100		
57	2.5	8.2	12.2#



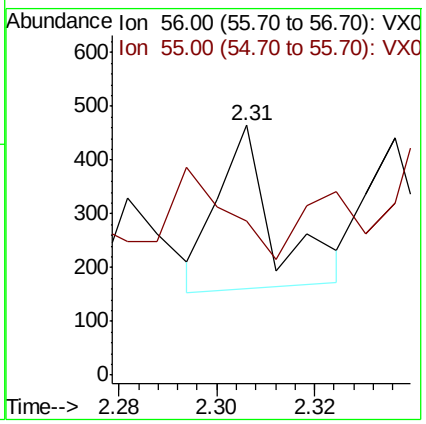


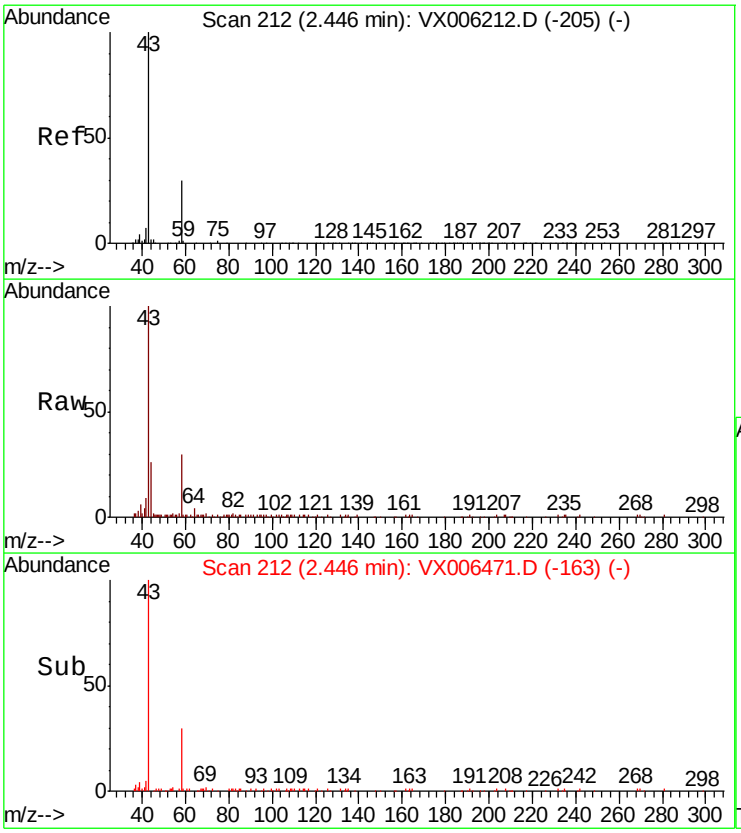
#13
Acrolein
Concen: 0.234 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Instrument :
MSVOA_X
ClientSampleId :
HR-05-121118-A

Tgt Ion: 56 Resp: 244

Ion	Ratio	Lower	Upper
56	100		
55	52.5	57.8	86.6#

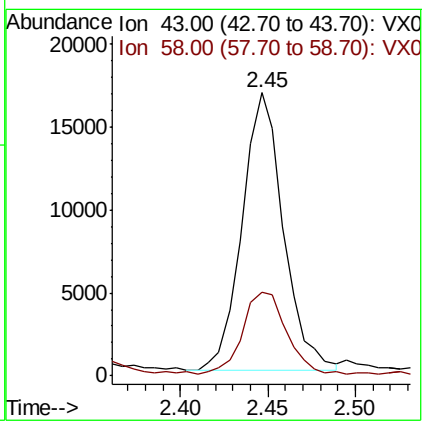


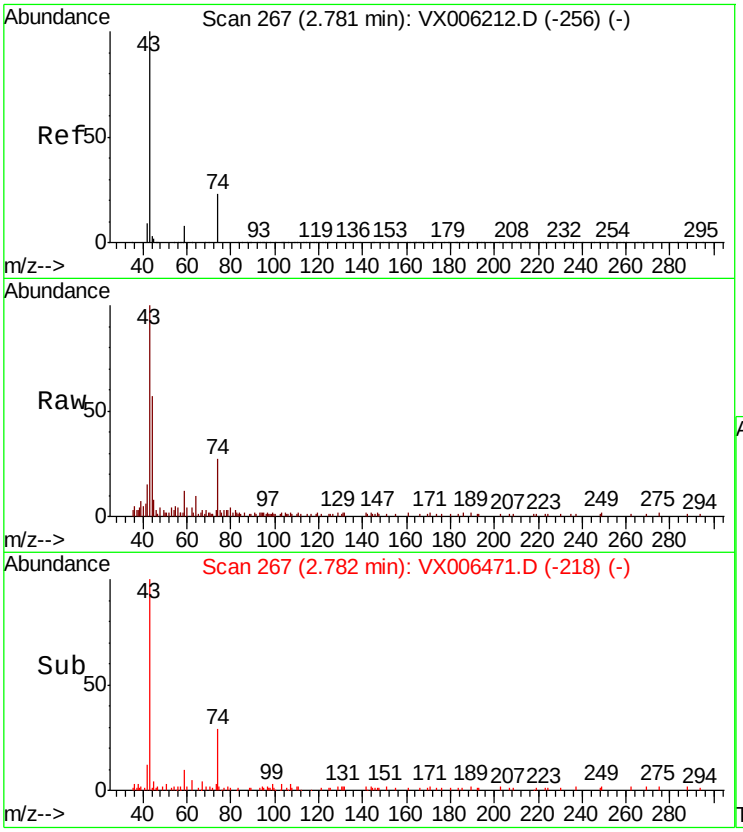


#16
Acetone
Concen: 8.396 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Tgt Ion: 43 Resp: 27474

Ion	Ratio	Lower	Upper
43	100		
58	28.6	24.0	36.0



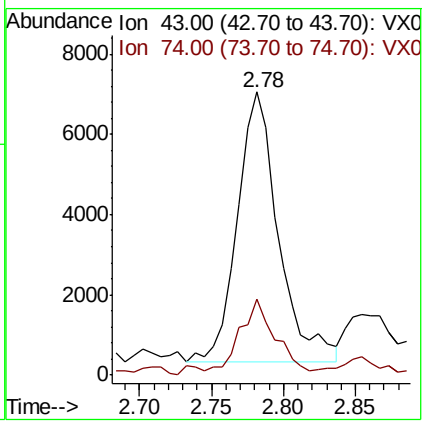


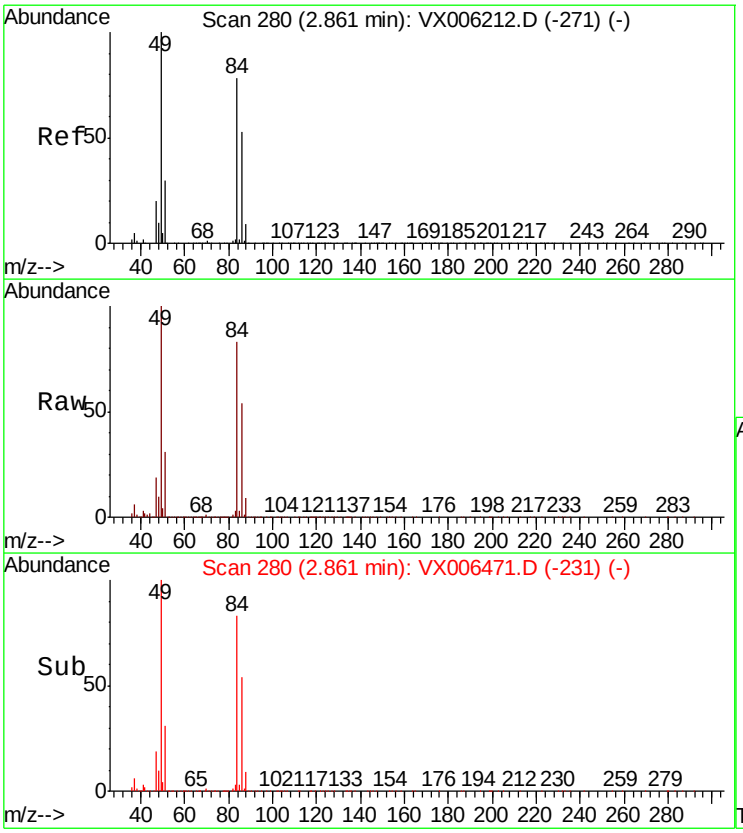
#18
Methyl Acetate
Concen: 1.220 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Instrument :
MSVOA_X
ClientSampleId :
HR-05-121118-A

Tgt Ion: 43 Resp: 13347

Ion	Ratio	Lower	Upper
43	100		
74	22.6	17.9	26.9

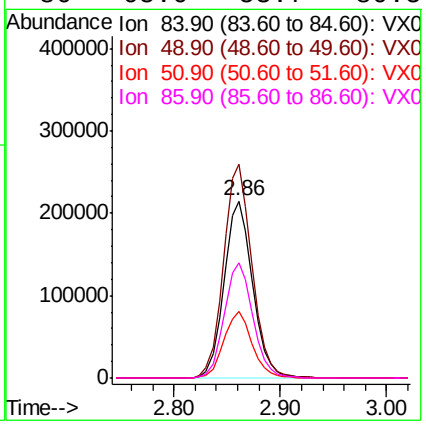


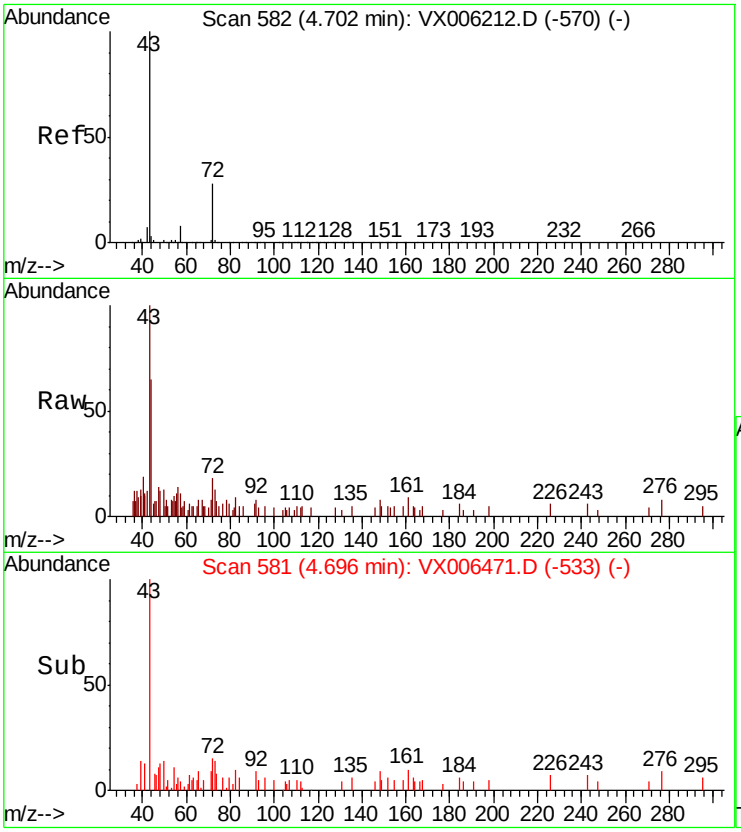


#20
Methylene Chloride
Concen: 57.785 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Tgt Ion: 84 Resp: 402441

Ion	Ratio	Lower	Upper
84	100		
49	120.3	102.2	153.4
51	37.3	31.1	46.7
86	65.0	53.7	80.5



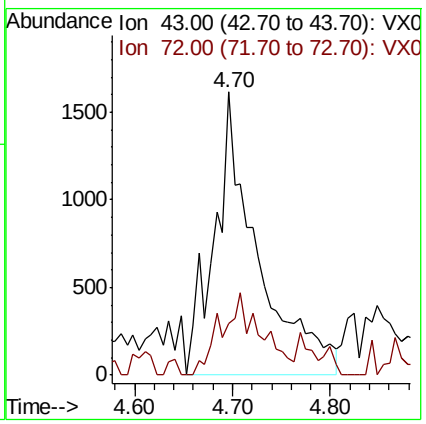


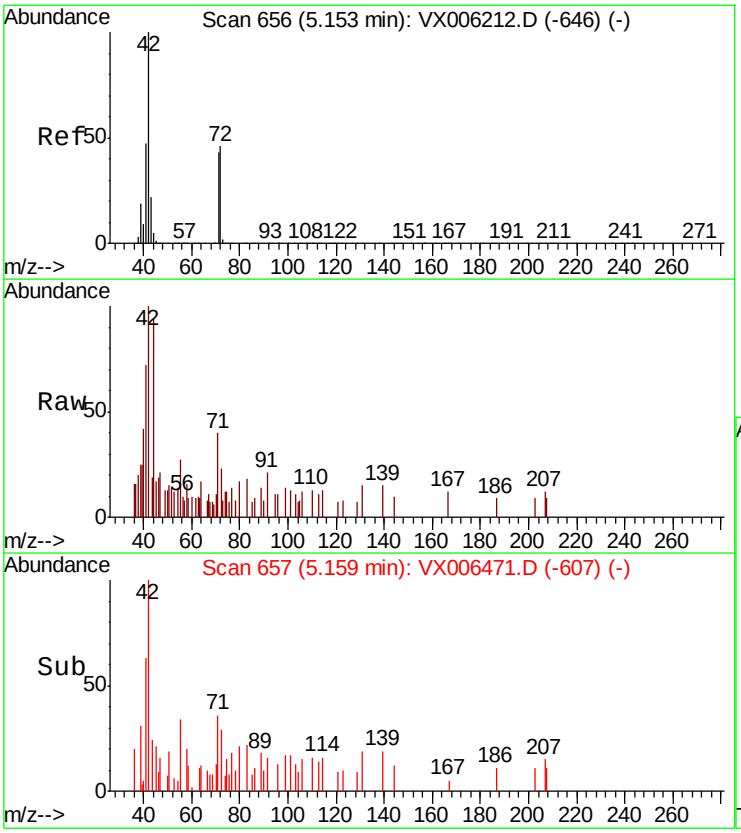
#25
2-Butanone
Concen: 1.057 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Instrument : MSVOA_X
ClientSampleId : HR-05-121118-A

Tgt Ion: 43 Resp: 4935

Ion	Ratio	Lower	Upper
43	100		
72	18.1	22.6	33.8#

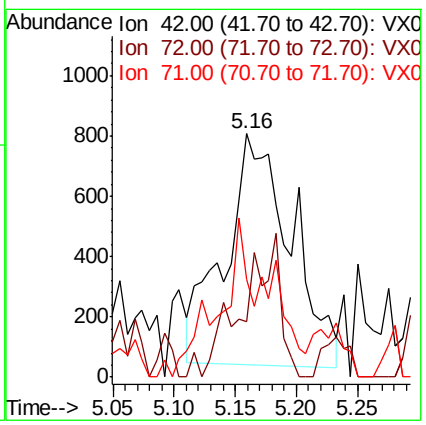


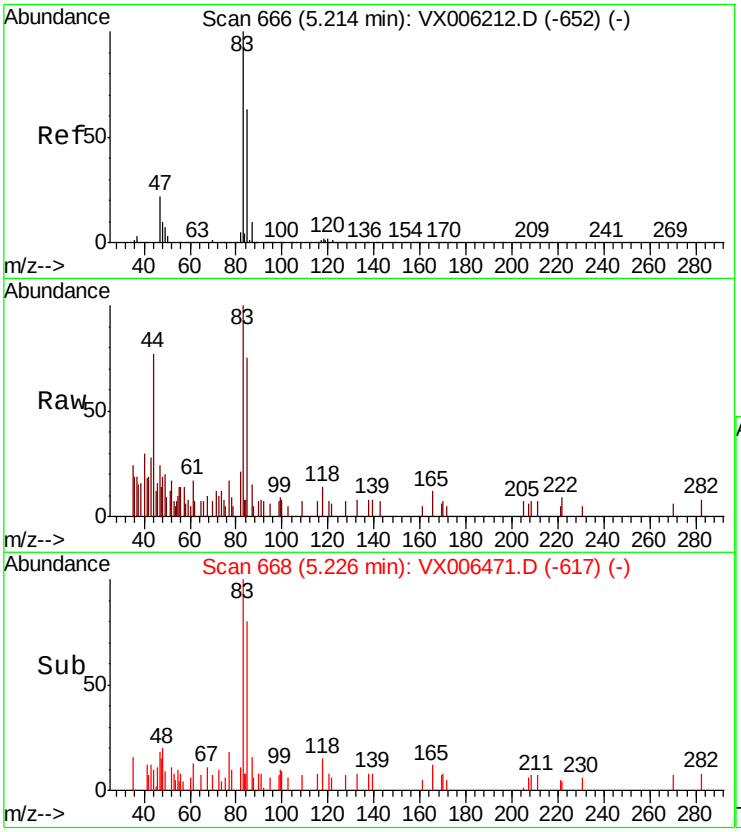


#29
Tetrahydrofuran
Concen: 0.893 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Tgt Ion: 42 Resp: 2898

Ion	Ratio	Lower	Upper
42	100		
72	9.0	37.8	56.8#
71	6.7	35.2	52.8#



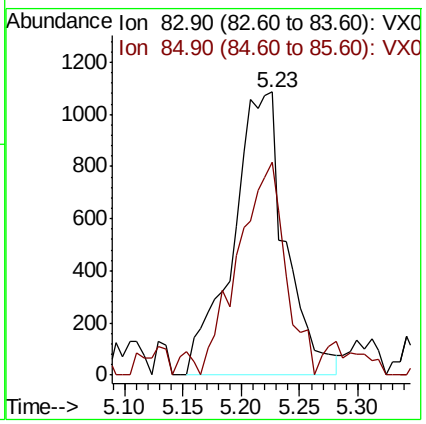


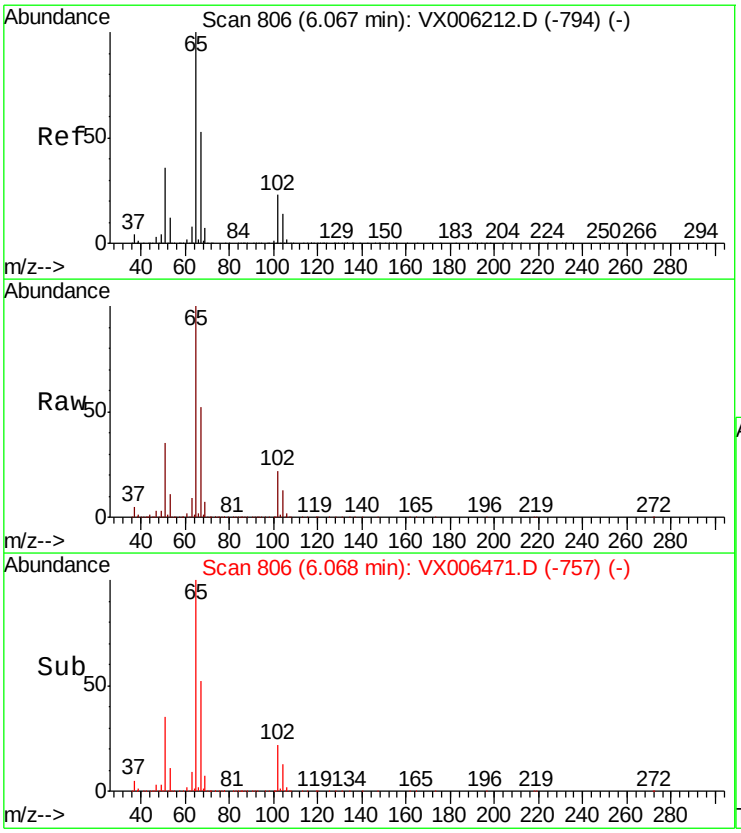
#30
Chloroform
Concen: 0.300 ug/l
RT: 5.23 min Scan# 668
Delta R.T. 0.01 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Instrument :
MSVOA_X
ClientSampleId :
HR-05-121118-A

Tgt Ion: 83 Resp: 3438

Ion	Ratio	Lower	Upper
83	100		
85	66.9	50.3	75.5

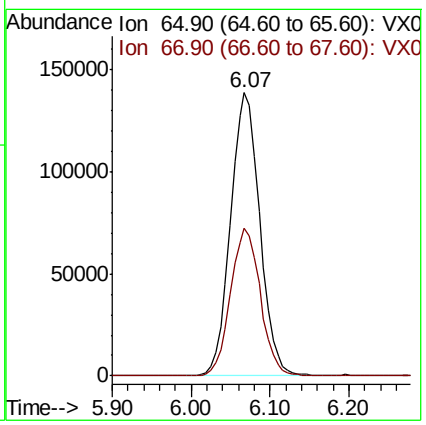


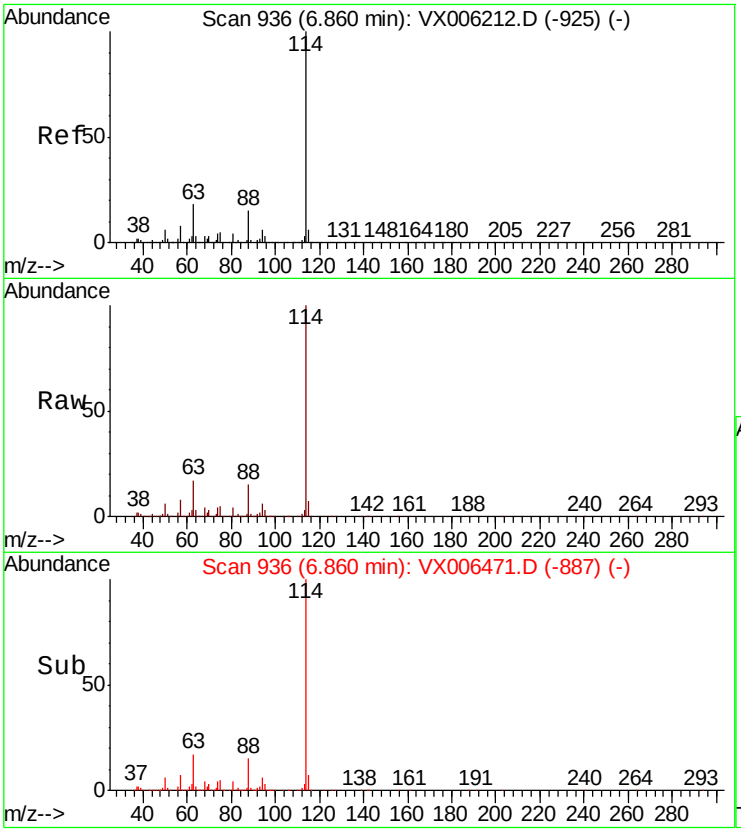


#33
1,2-Dichloroethane-d4
Concen: 51.356 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Tgt Ion: 65 Resp: 358106

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.2



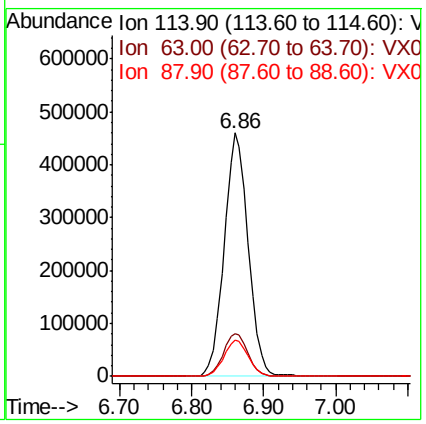


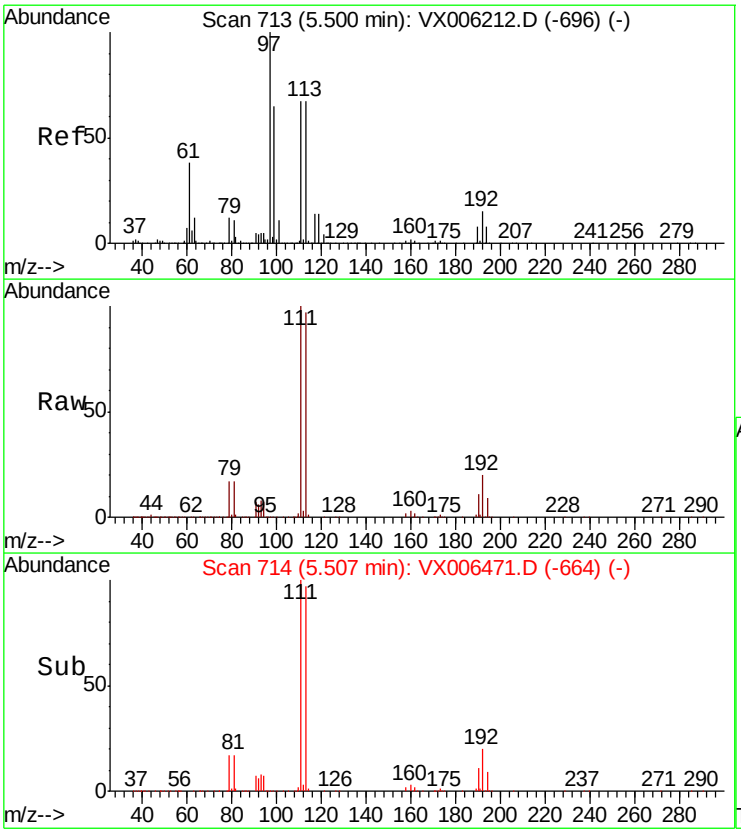
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Instrument :
MSVOA_X
ClientSampleId :
HR-05-121118-A

Tgt Ion:114 Resp: 1067126

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	36.6
88	14.7	0.0	29.0

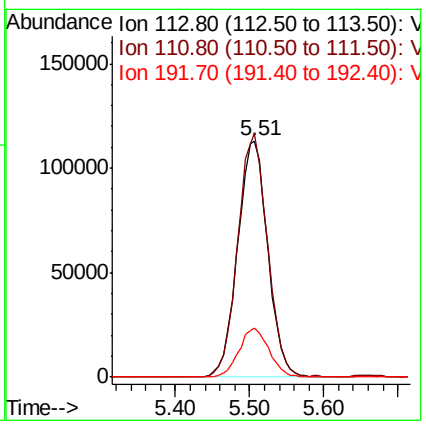


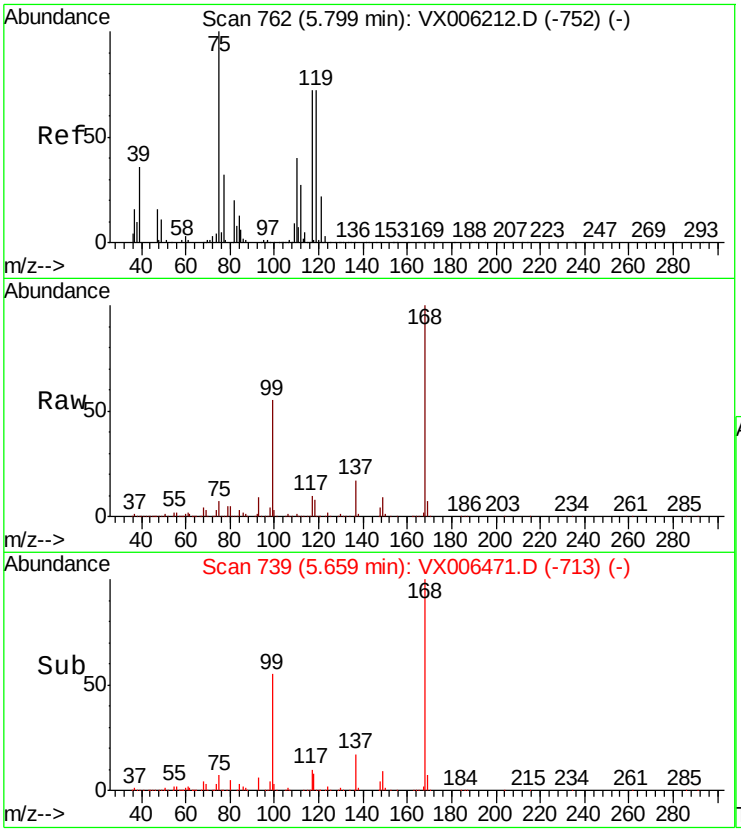


#35
Dibromofluoromethane
Concen: 46.454 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Tgt Ion:113 Resp: 320961

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.1	121.7
192	20.7	18.2	27.2



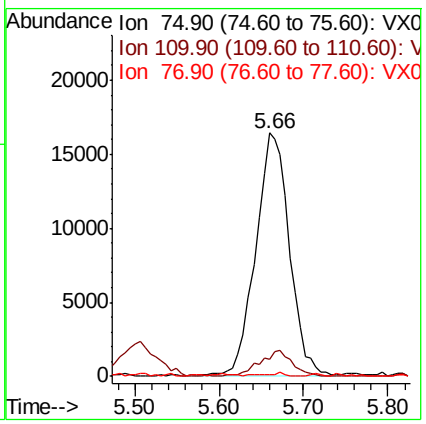


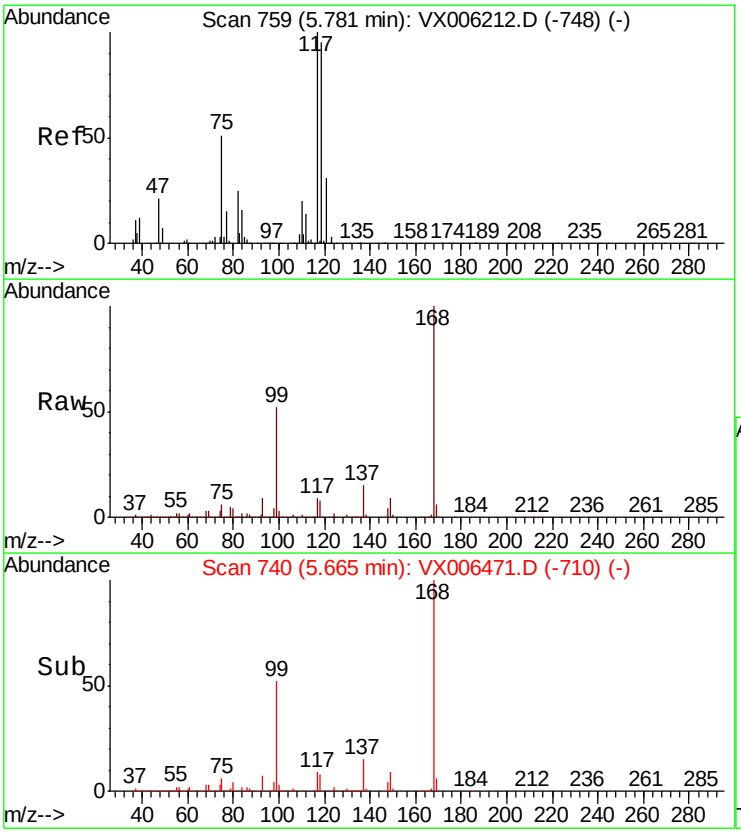
#36
1,1-Dichloropropene
Concen: 5.049 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Instrument : MSVOA_X
ClientSampleId : HR-05-121118-A

Tgt Ion: 75 Resp: 45370

Ion	Ratio	Lower	Upper
75	100		
110	10.3	20.4	61.3#
77	1.0	24.9	37.3#

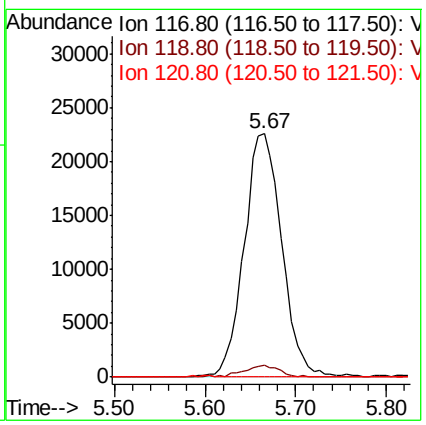


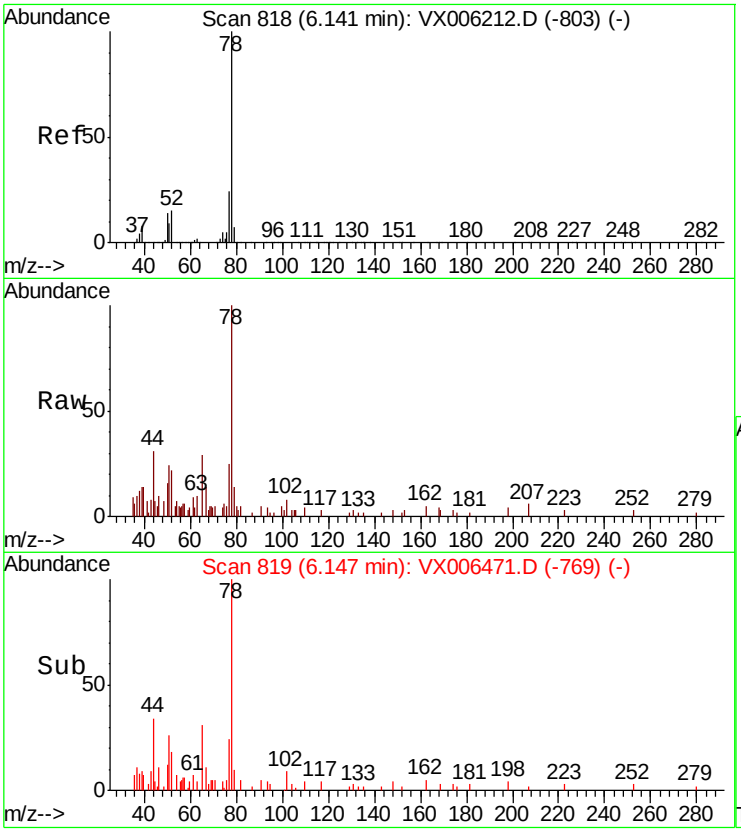


#38
Carbon Tetrachloride
Concen: 6.132 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Tgt Ion:117 Resp: 64825

Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.8	113.8#
121	0.0	24.6	37.0#



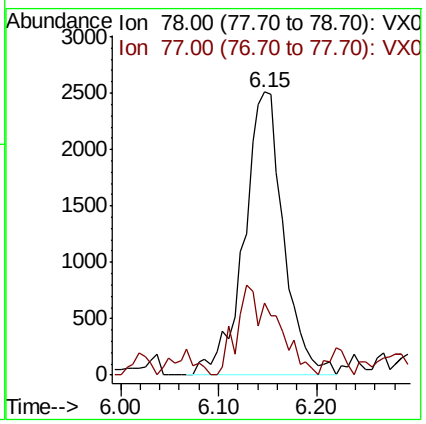


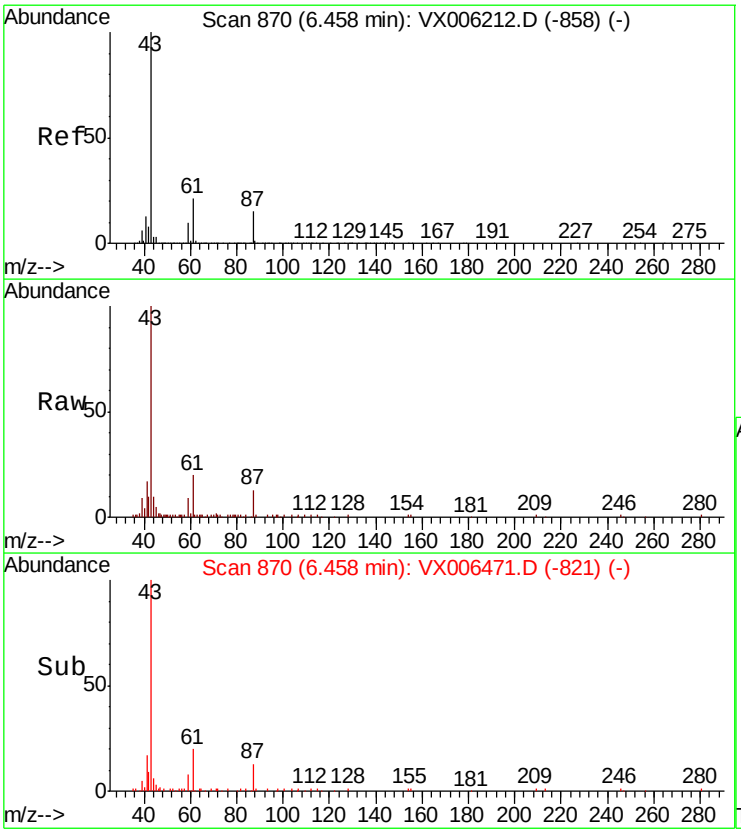
#40
Benzene
Concen: 0.261 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Instrument :
MSVOA_X
ClientSampleId :
HR-05-121118-A

Tgt Ion: 78 Resp: 7031

Ion	Ratio	Lower	Upper
78	100		
77	16.4	19.2	28.8#

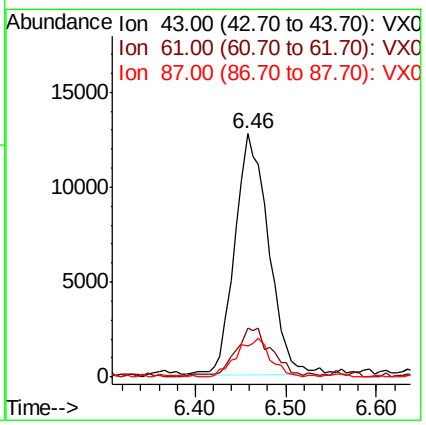


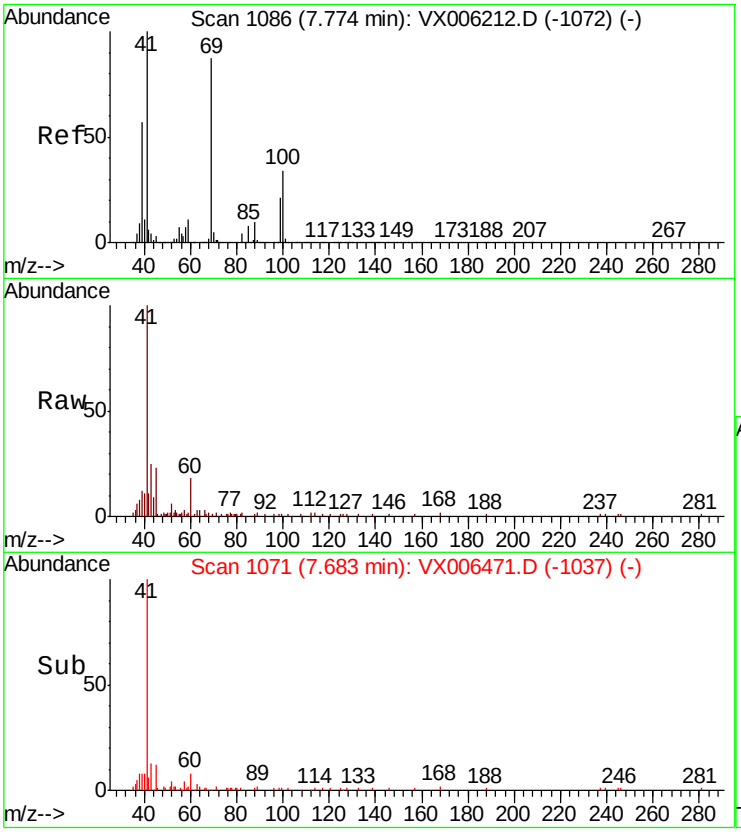


#43
Isopropyl Acetate
Concen: 1.971 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Tgt Ion: 43 Resp: 33068

Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.8	25.2
87	15.8	11.9	17.9



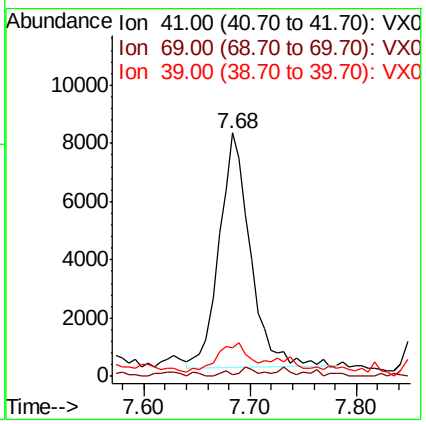


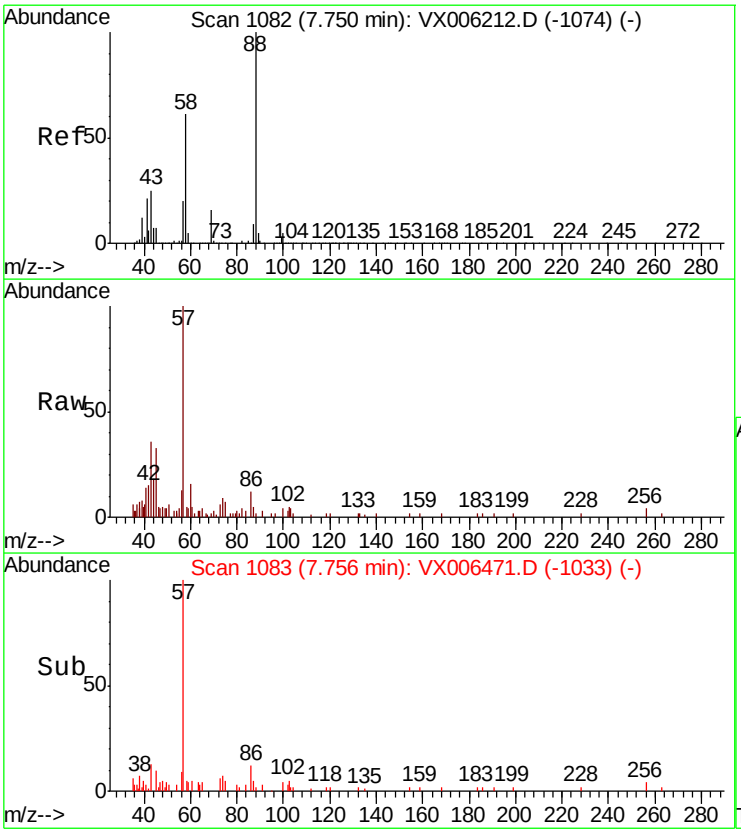
#48
Methyl methacrylate
Concen: 1.991 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Instrument : MSVOA_X
ClientSampleId : HR-05-121118-A

Tgt Ion: 41 Resp: 16250

Ion	Ratio	Lower	Upper
41	100		
69	0.7	70.3	105.5#
39	0.0	45.3	67.9#

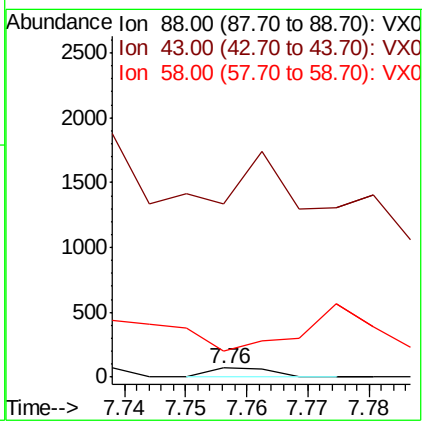


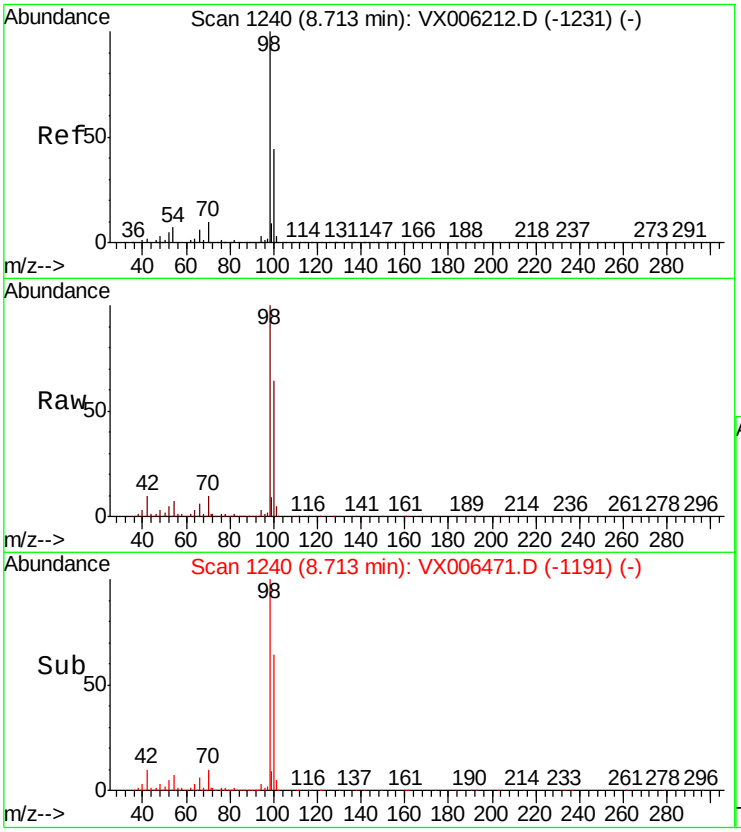


#49
1,4-Dioxane
Concen: 0.239 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Tgt Ion: 88 Resp: 48

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	1343.8	51.4	77.0#



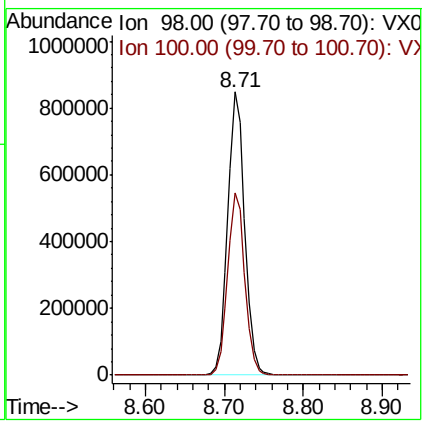


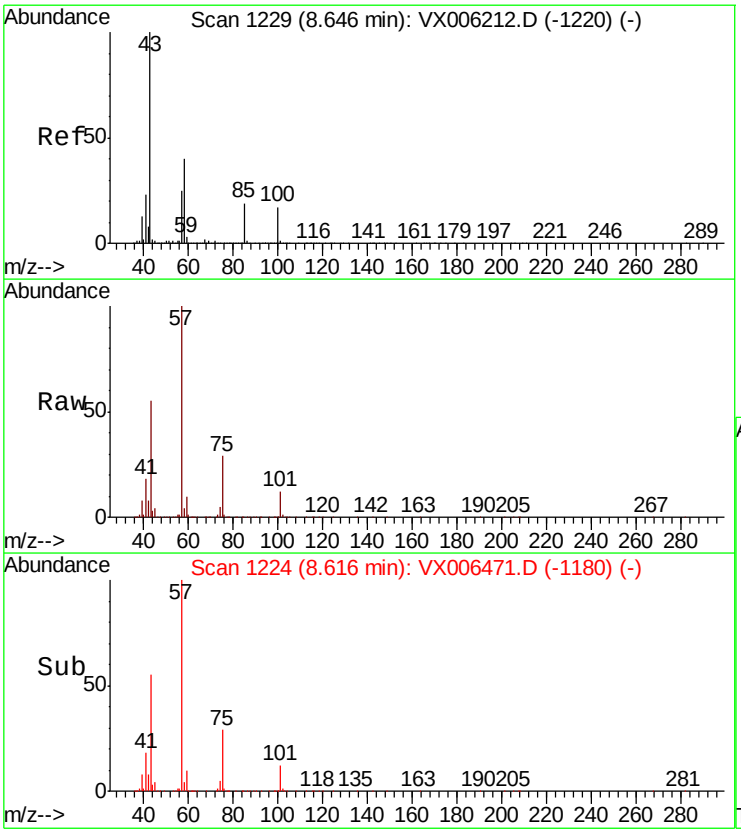
#50
Toluene-d8
Concen: 50.560 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Instrument :
MSVOA_X
ClientSampleId :
HR-05-121118-A

Tgt Ion: 98 Resp: 1270661

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2

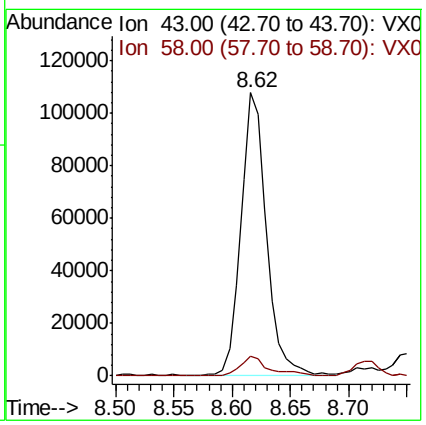


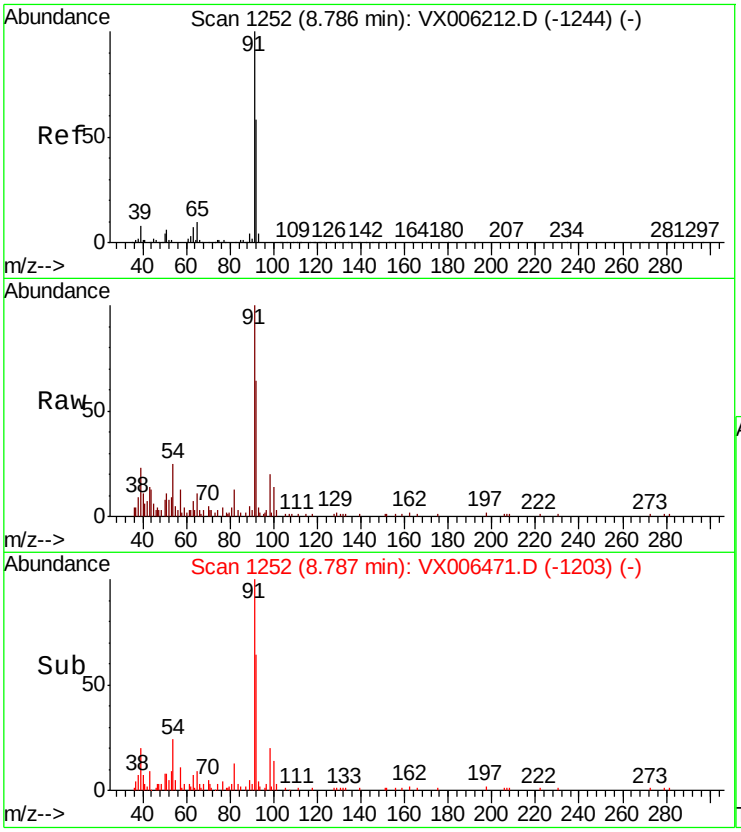


#51
4-Methyl-2-Pentanone
Concen: 16.783 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Tgt Ion: 43 Resp: 163933

Ion	Ratio	Lower	Upper
43	100		
58	8.2	31.3	46.9#



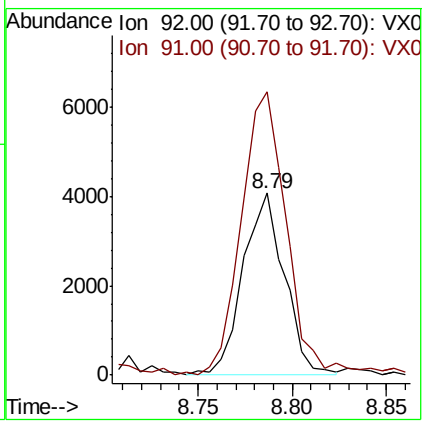


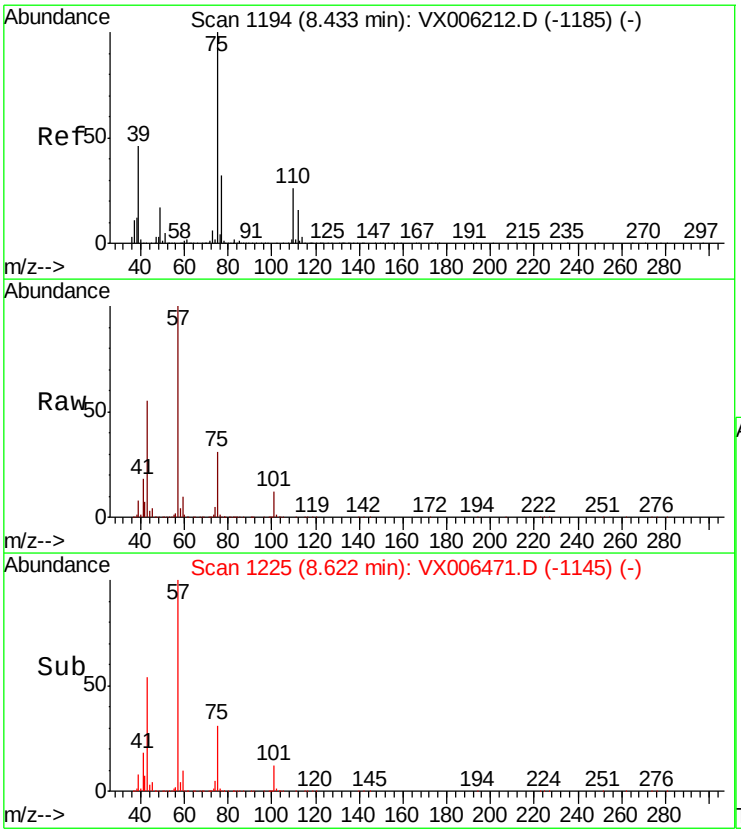
#52
Toluene
Concen: 0.351 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Instrument :
MSVOA_X
ClientSampleId :
HR-05-121118-A

Tgt Ion: 92 Resp: 6214

Ion	Ratio	Lower	Upper
92	100		
91	170.1	139.2	208.8

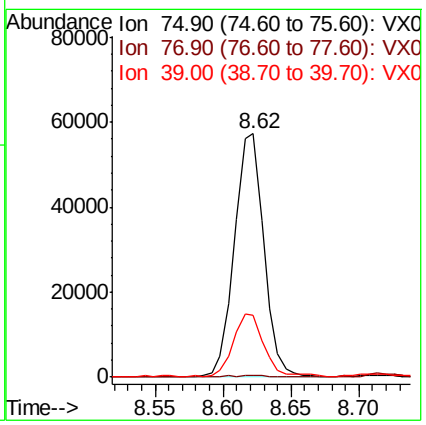


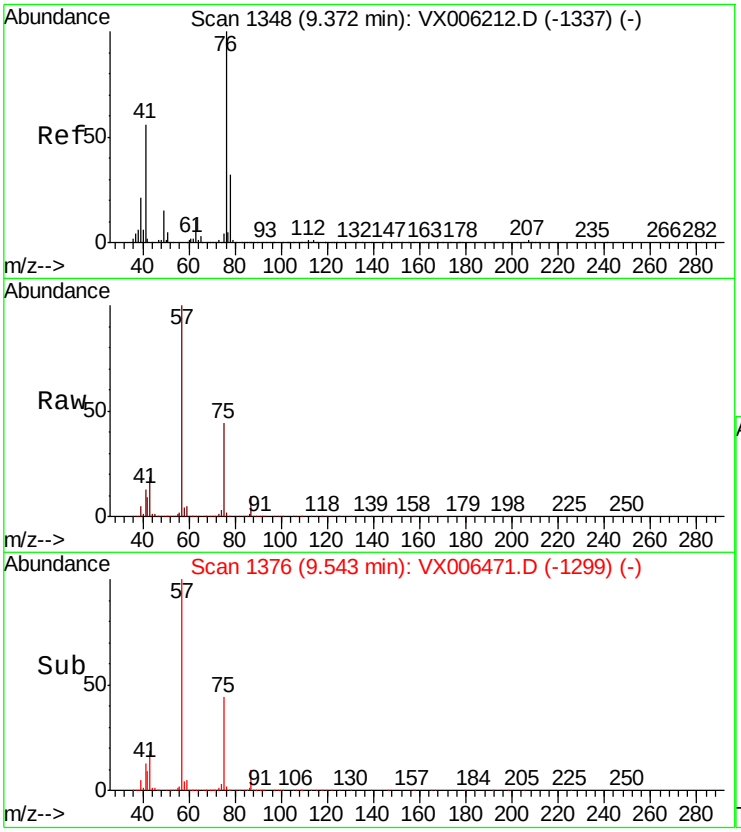


#54
cis-1,3-Dichloropropene
Concen: 7.467 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.19 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Tgt Ion: 75 Resp: 86754

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.6	38.4#
39	24.9	36.5	54.7#



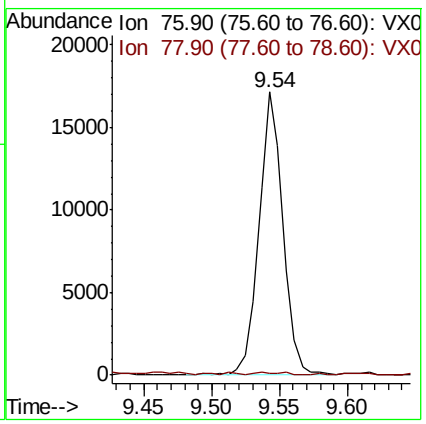


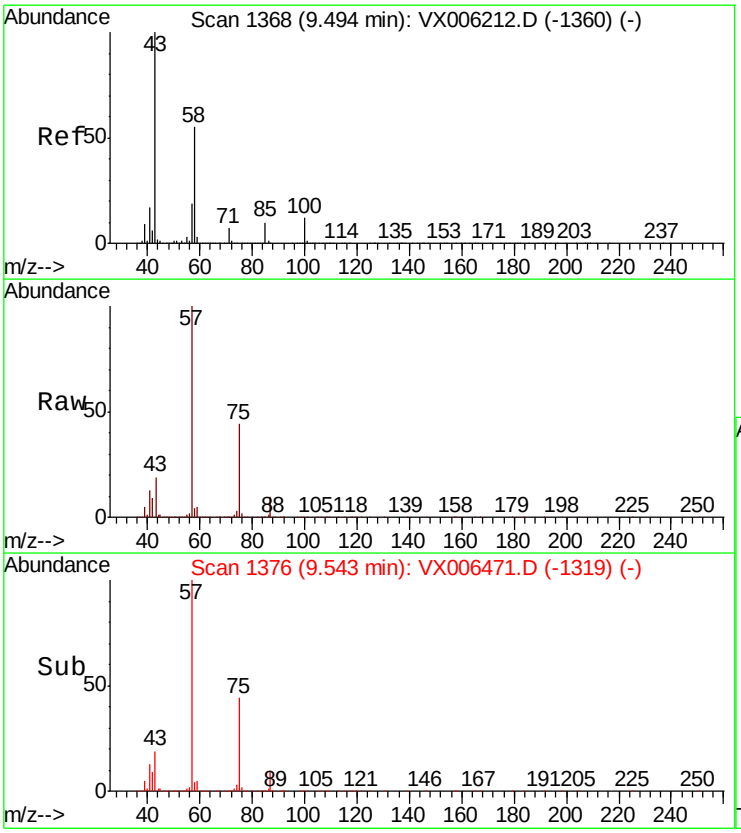
#57
1,3-Dichloropropane
Concen: 1.867 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Instrument :
MSVOA_X
ClientSampleId :
HR-05-121118-A

Tgt Ion: 76 Resp: 21232

Ion	Ratio	Lower	Upper
76	100		
78	1.4	26.1	39.1#

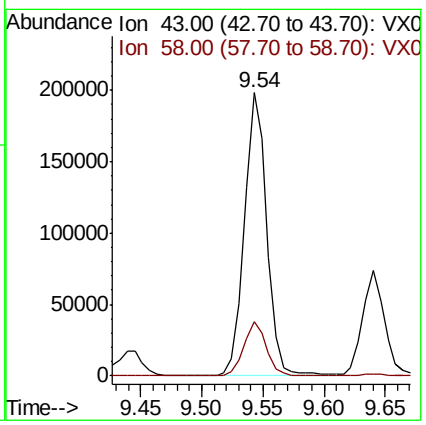


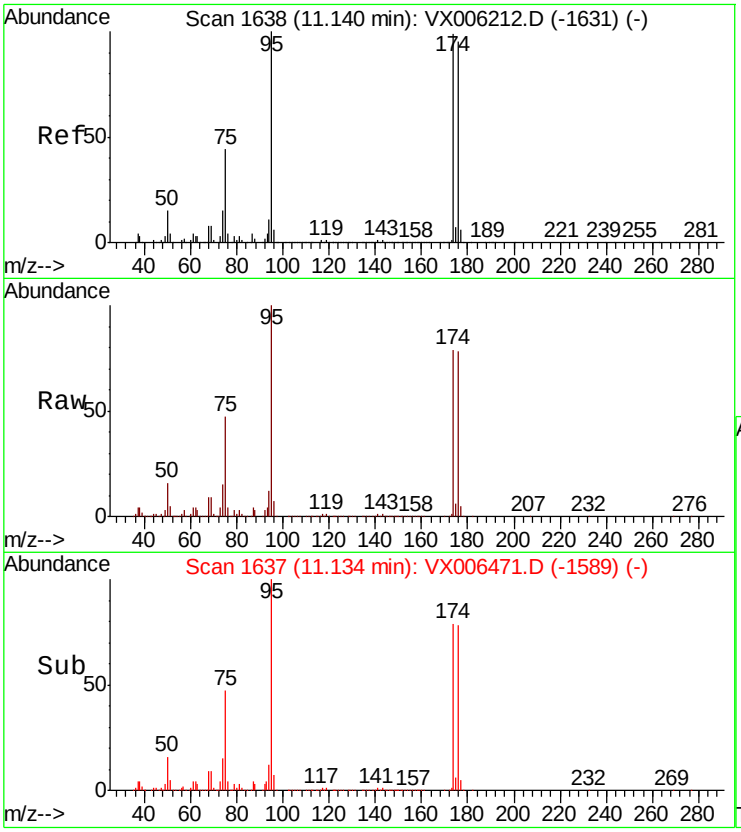


#59
2-Hexanone
Concen: 33.567 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Tgt Ion: 43 Resp: 250490

Ion	Ratio	Lower	Upper
43	100		
58	19.6	27.7	83.1#



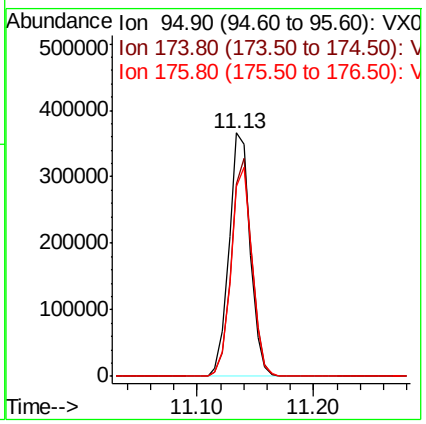


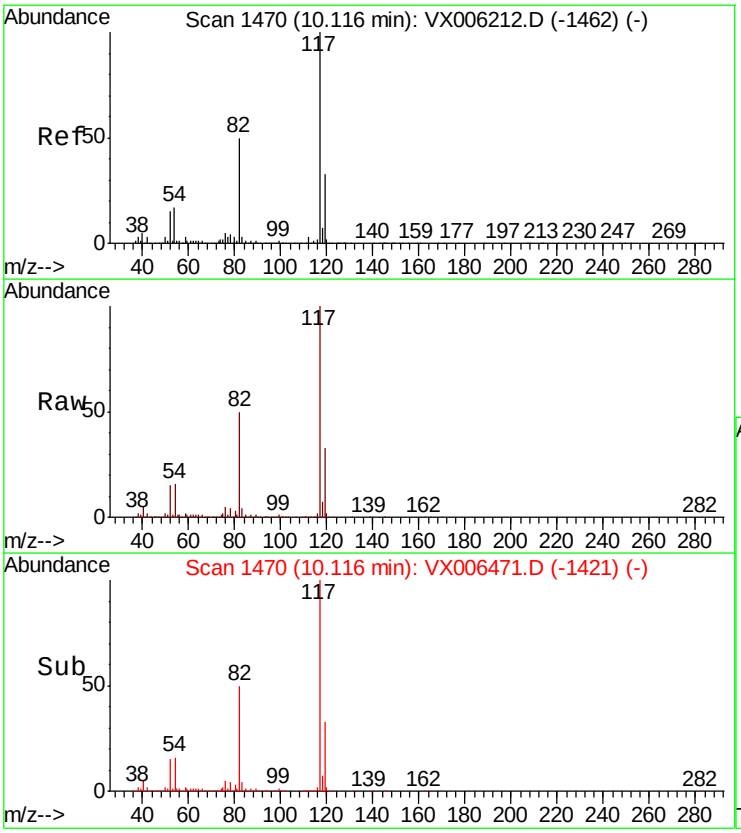
#62
4-Bromofluorobenzene
Concen: 49.032 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Instrument :
MSVOA_X
ClientSampleId :
HR-05-121118-A

Tgt Ion: 95 Resp: 464348

Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	187.0
176	85.2	0.0	181.8

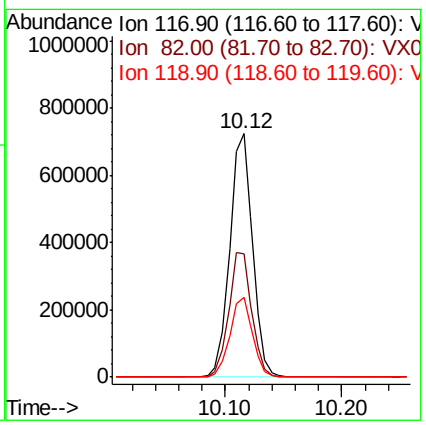


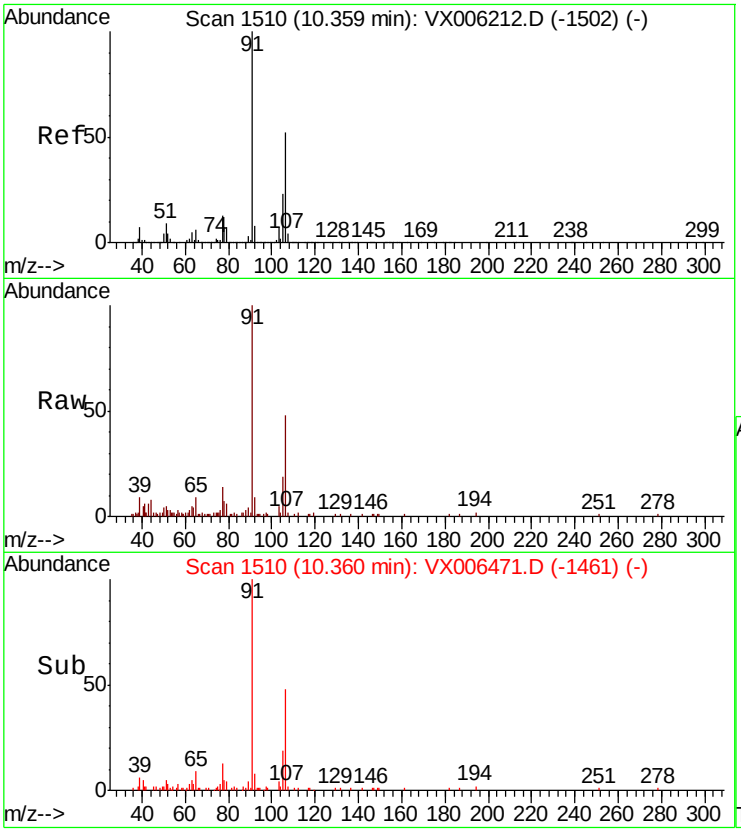


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Tgt Ion:117 Resp: 982635

Ion	Ratio	Lower	Upper
117	100		
82	50.4	39.6	59.4
119	32.7	26.3	39.5



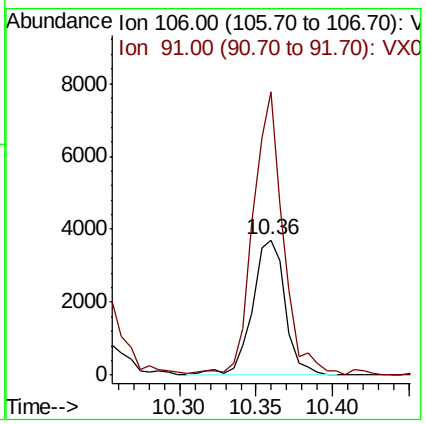


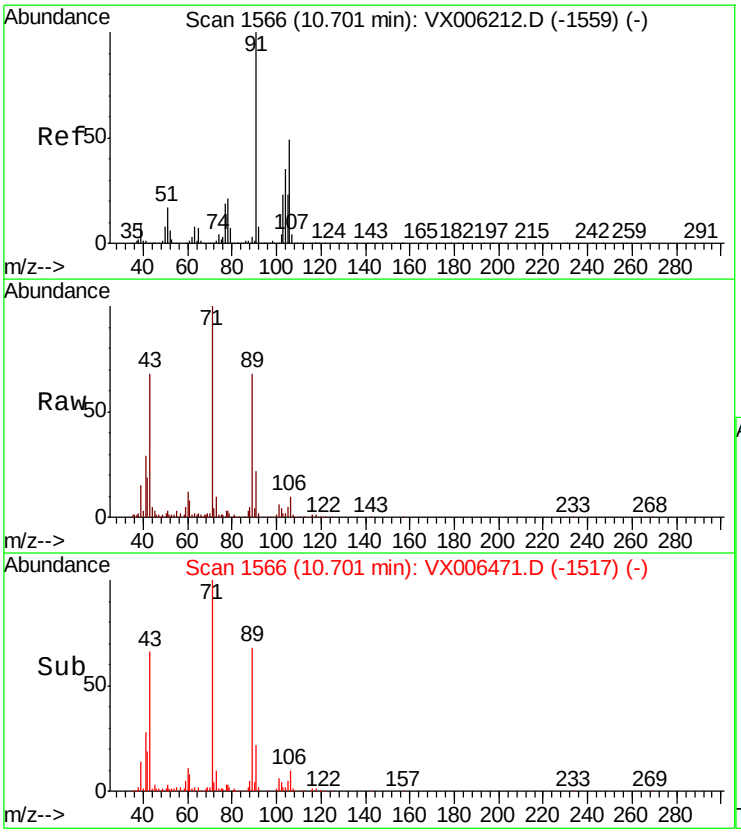
#68
m/p-Xylenes
Concen: 0.400 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Instrument :
MSVOA_X
ClientSampleId :
HR-05-121118-A

Tgt Ion:106 Resp: 5561

Ion	Ratio	Lower	Upper
106	100		
91	191.6	155.2	232.8

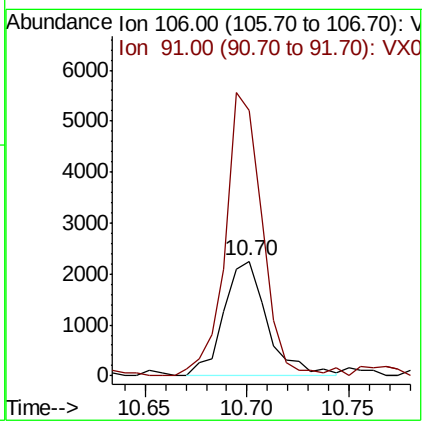


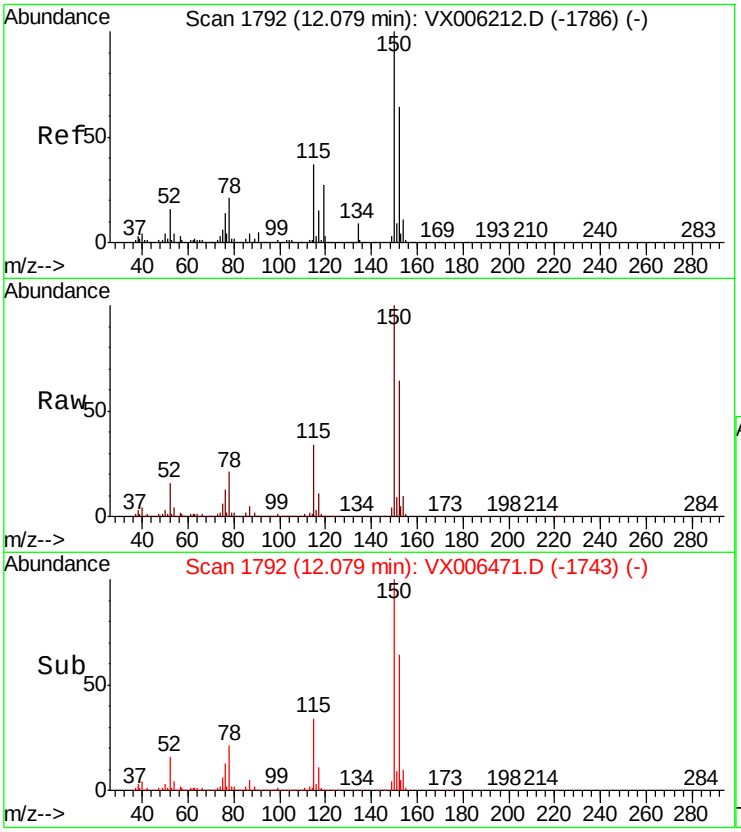


#69
o-Xylene
Concen: 0.243 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Tgt Ion:106 Resp: 3342

Ion	Ratio	Lower	Upper
106	100		
91	206.4	101.8	305.6



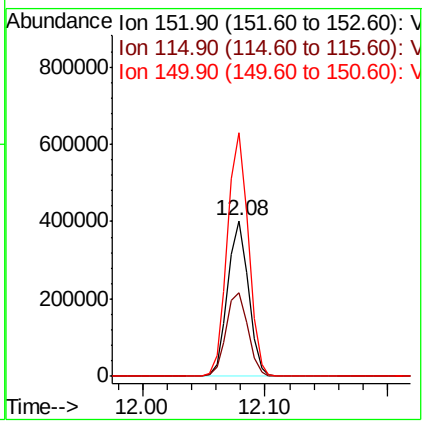


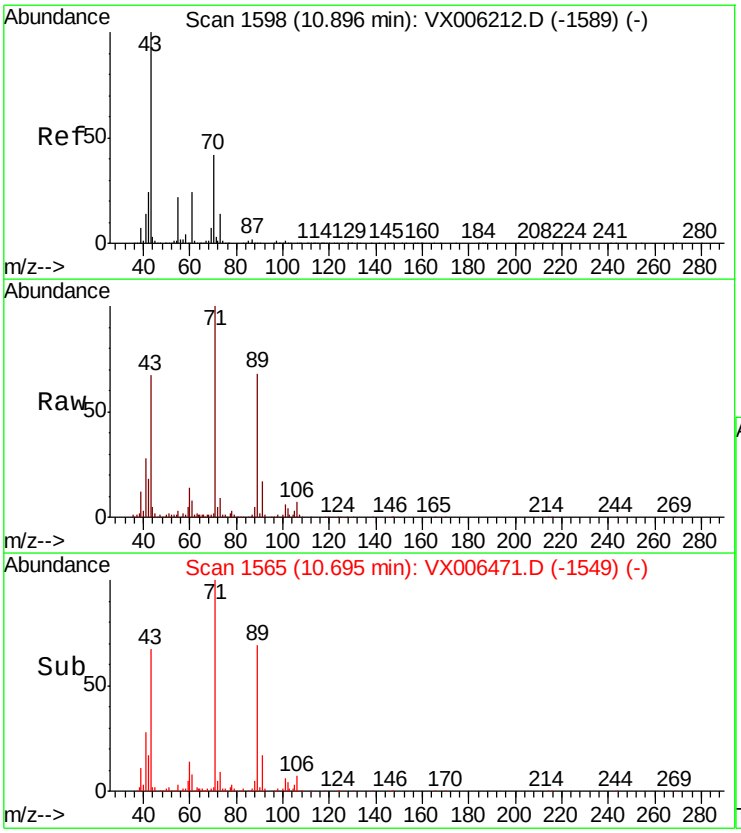
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Instrument : MSVOA_X
ClientSampleId : HR-05-121118-A

Tgt Ion:152 Resp: 470256

Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.0	116.9
150	158.5	0.0	345.8

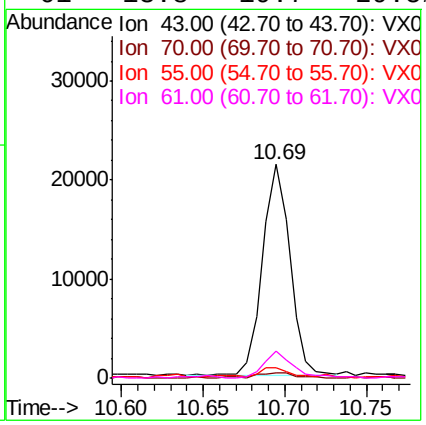


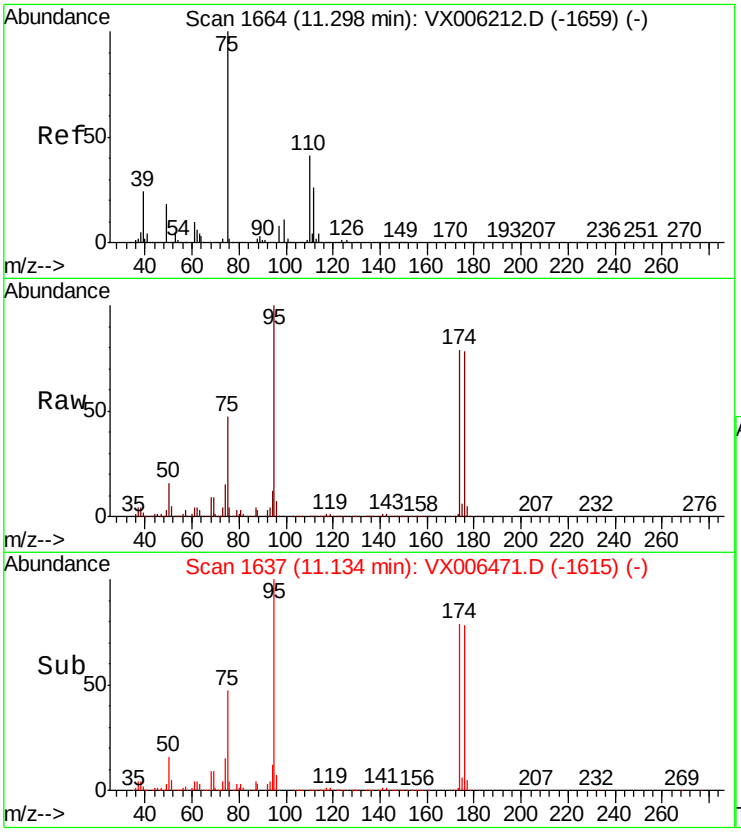


#74
N-amyl acetate
Concen: 1.809 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Tgt Ion: 43 Resp: 25296

Ion	Ratio	Lower	Upper
43	100		
70	3.6	34.1	51.1#
55	5.9	17.8	26.8#
61	13.8	19.7	29.5#



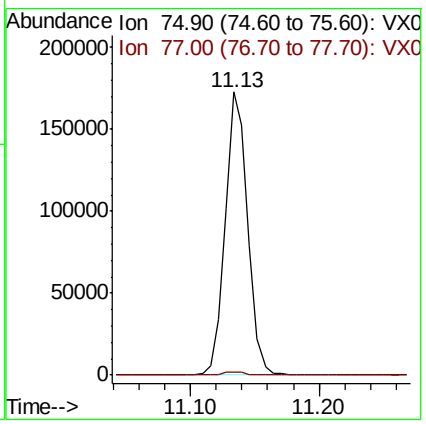


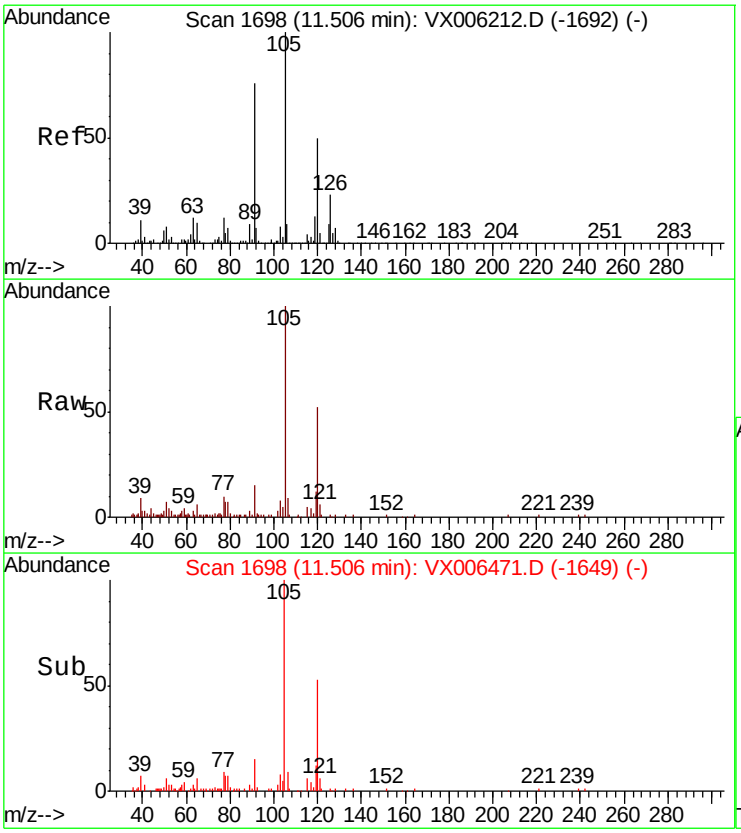
#76
1,2,3-Trichloropropane
Concen: 23.258 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Instrument : MSVOA_X
ClientSampleId : HR-05-121118-A

Tgt Ion: 75 Resp: 211110

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.9	59.7#

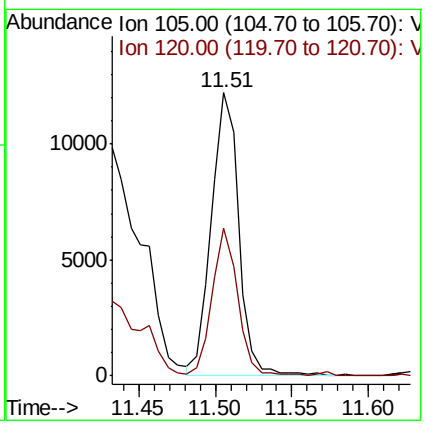


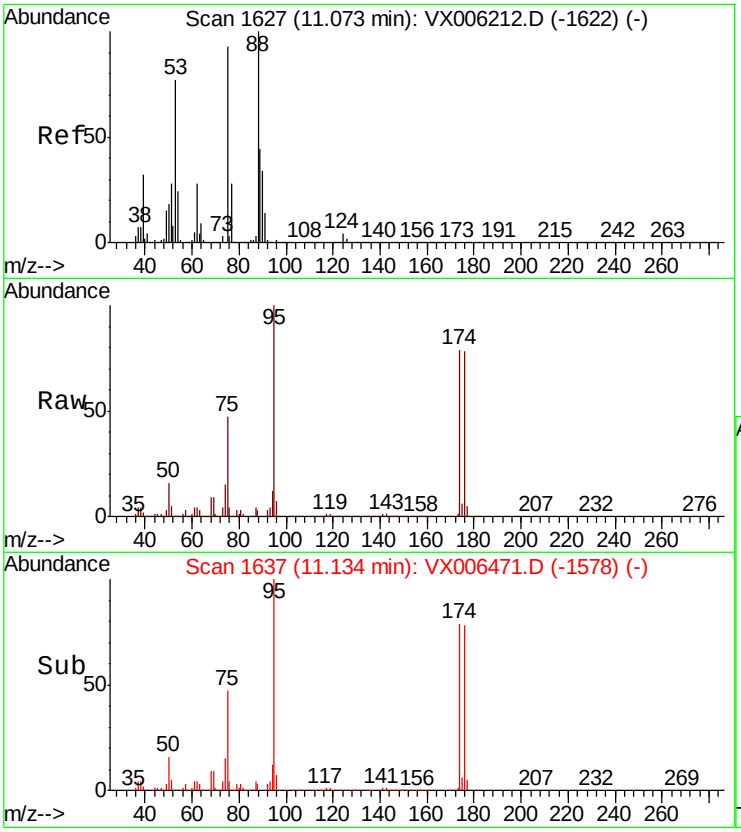


#80
1,3,5-Trimethylbenzene
Concen: 0.565 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Tgt Ion:105 Resp: 15266

Ion	Ratio	Lower	Upper
105	100		
120	48.7	25.4	76.0



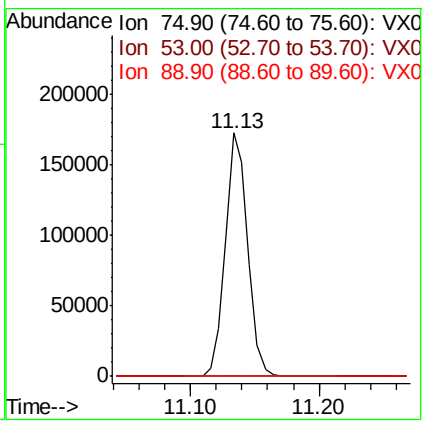


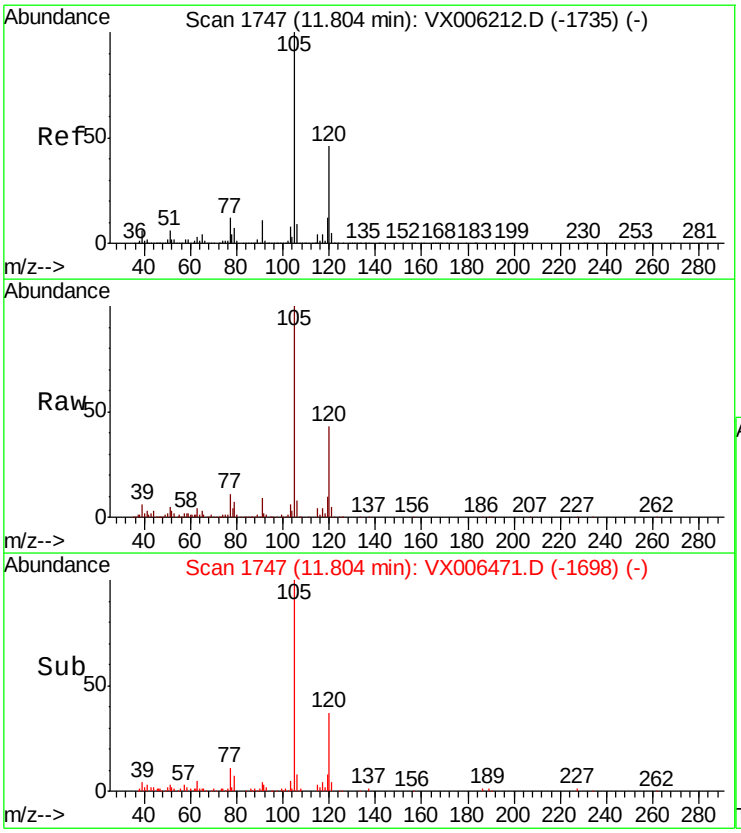
#81
trans-1,4-Dichloro-2-butene
Concen: 54.581 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Instrument :
MSVOA_X
ClientSampleId :
HR-05-121118-A

Tgt Ion: 75 Resp: 211110

Ion	Ratio	Lower	Upper
75	100		
53	0.1	64.4	96.6#
89	0.0	44.2	66.4#

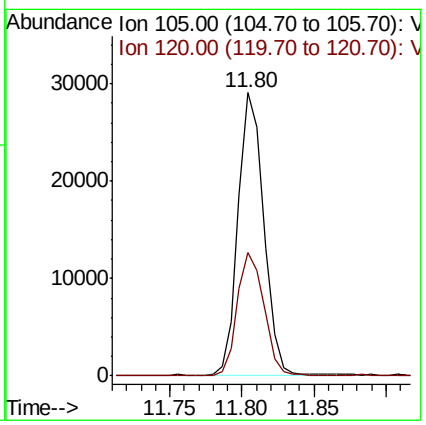


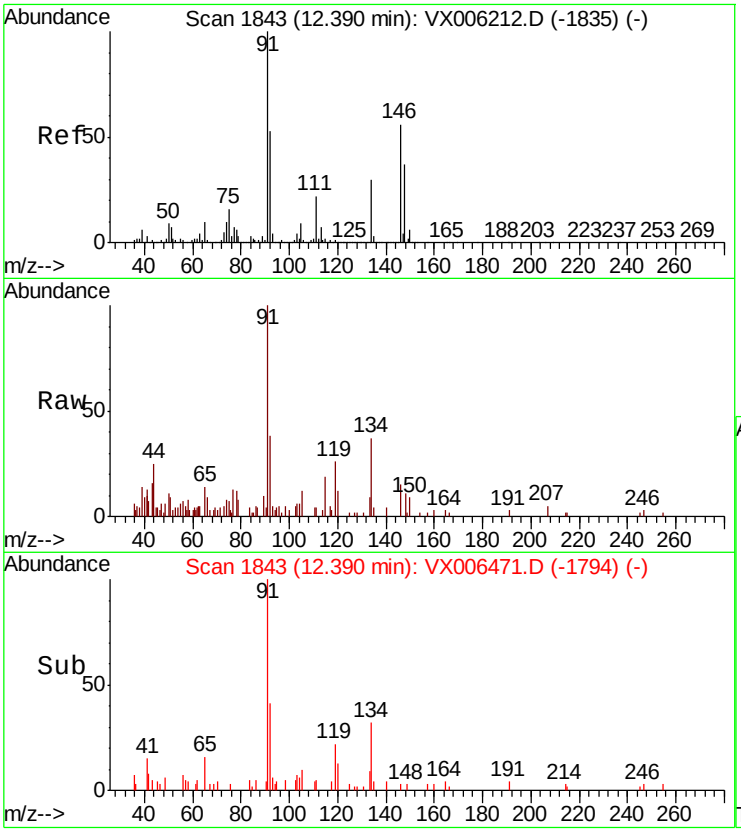


#84
1,2,4-Trimethylbenzene
Concen: 1.305 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Tgt Ion:105 Resp: 36424

Ion	Ratio	Lower	Upper
105	100		
120	45.0	23.4	70.0



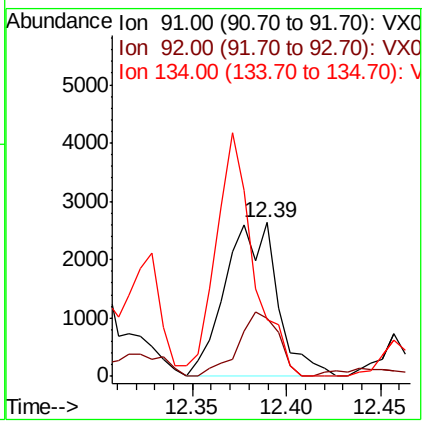


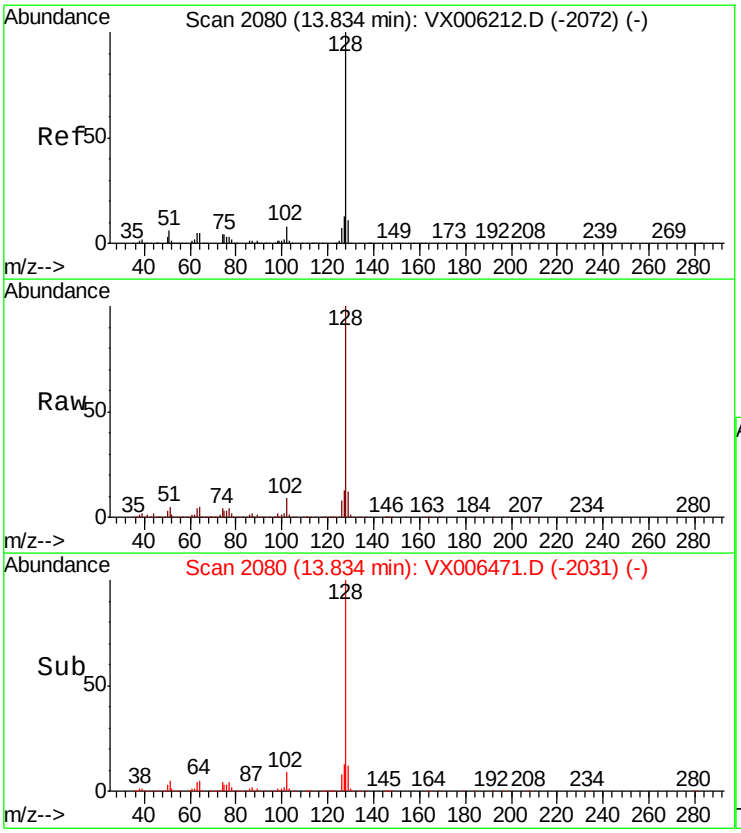
#89
n-Butylbenzene
Concen: 0.202 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Instrument :
MSVOA_X
ClientSampleId :
HR-05-121118-A

Tgt Ion: 91 Resp: 5080

Ion	Ratio	Lower	Upper
91	100		
92	32.3	26.6	79.8
134	113.0	14.8	44.3#





#95
Naphthalene
Concen: 2.092 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006471.D
Acq: 13 Dec 2018 03:46

Tgt Ion:128 Resp: 75577

Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.2	15.4
129	12.0	8.9	13.3