Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
Data File : VX006516.D
Acq On : 14 Dec 2018 14:18
Operator : JC/MD
Sample : J6043-65 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Dec 15 04:35:17 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	5.66	168	656304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1041978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	957539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	477313	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	355959	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.26%			
35) Dibromofluoromethane	5.50	113	310248	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.98%			
50) Toluene-d8	8.71	98	1228971	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.16%			
62) 4-Bromofluorobenzene	11.13	95	461894	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.90%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	2318	0.471	ug/l #	71
8) Diethyl Ether	2.18	74	1076	0.261	ug/l	53
11) Tert butyl alcohol	3.02	59	14350	7.832	ug/l #	79
13) Acrolein	2.30	56	283	0.283	ug/l #	61
16) Acetone	2.45	43	6842	2.176	ug/l	94
18) Methyl Acetate	2.78	43	5083	0.483	ug/l	95
20) Methylene Chloride	2.87	84	1945	0.291	ug/l #	65
25) 2-Butanone	4.70	43	1963	0.438	ug/l #	74
31) Cyclohexane	5.65	56	10744	1.110	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	42367	4.828	ug/l #	48
38) Carbon Tetrachloride	5.67	117	62402	6.045	ug/l #	16
49) 1,4-Dioxane	7.74	88	84	0.428	ug/l #	1
67) Ethyl Benzene	10.25	91	19299	0.571	ug/l	94
68) m/p-Xylenes	10.36	106	3875	0.286	ug/l	93
69) o-Xylene	10.70	106	7890	0.590	ug/l	99
73) Isopropylbenzene	11.02	105	11732	0.356	ug/l	95
76) 1,2,3-Trichloropropane	11.13	75	212874	23.106	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	33198	1.210	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	212874	54.223	ug/l #	15
83) tert-Butylbenzene	11.80	119	14527	0.496	ug/l #	55
84) 1,2,4-Trimethylbenzene	11.80	105	108929	3.846	ug/l	99
85) sec-Butylbenzene	11.80	105	108929	3.272	ug/l #	54
86) p-Isopropyltoluene	12.06	119	13411	0.447	ug/l	85
89) n-Butylbenzene	12.37	91	15832	0.619	ug/l #	1
90) Hexachloroethane	12.61	117	8050	1.318	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1356	0.502	ug/l #	1
95) Naphthalene	13.83	128	2331065	63.585	ug/l	100

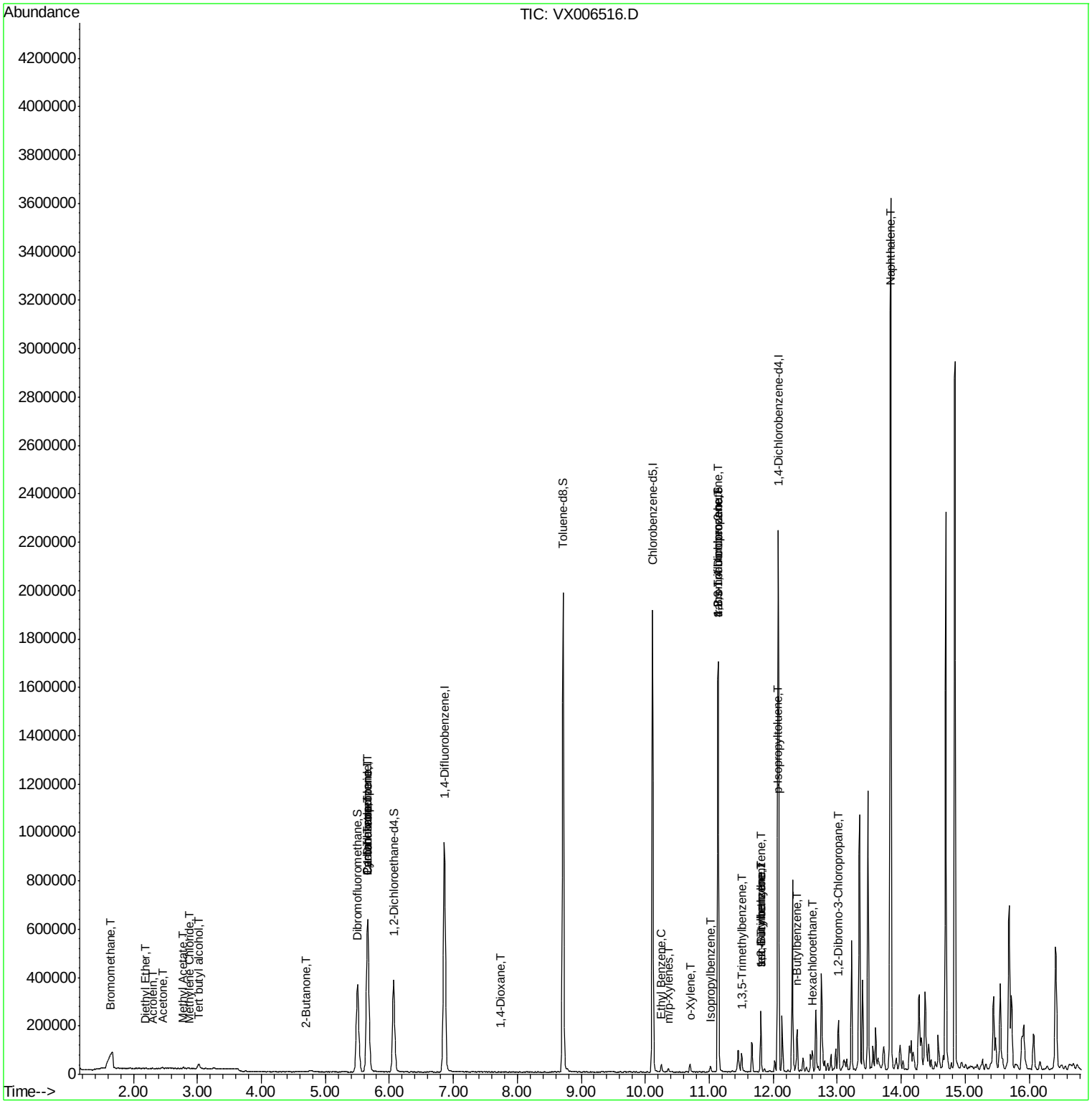
(#) = qualifier out of range (m) = manual integration (+) = signals summed

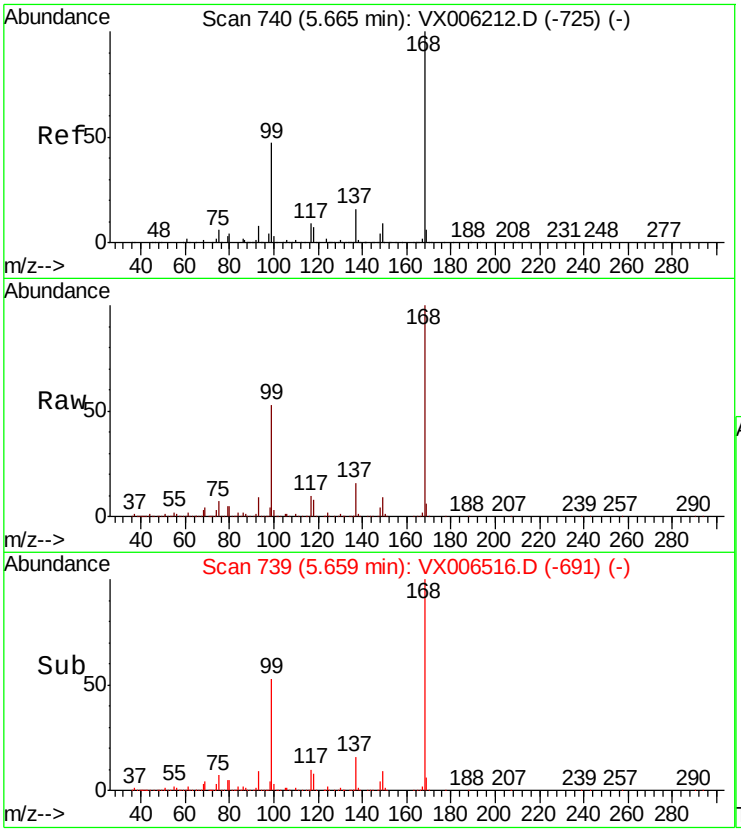
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
Data File : VX006516.D
Acq On : 14 Dec 2018 14:18
Operator : JC/MD
Sample : J6043-65 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 15 04:35:17 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



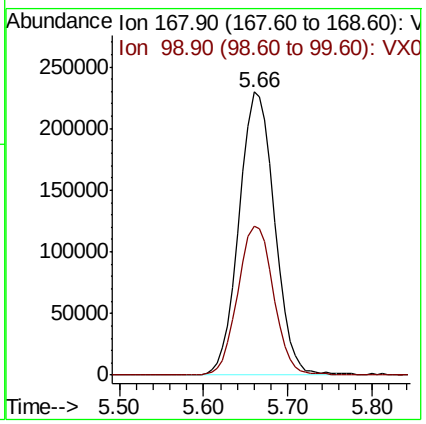


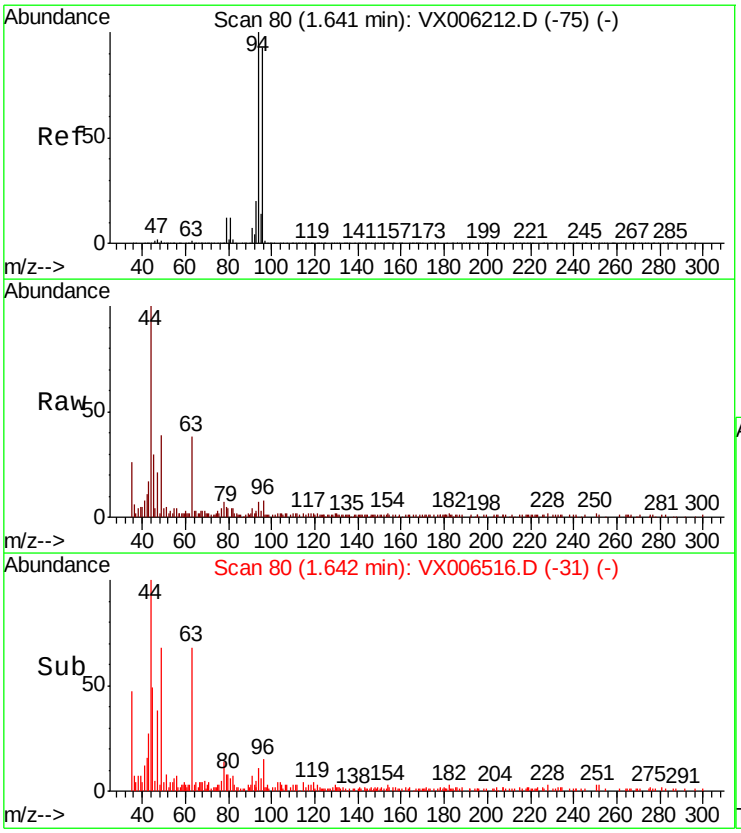
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 656304

Ion	Ratio	Lower	Upper
168	100		
99	52.5	37.8	56.8

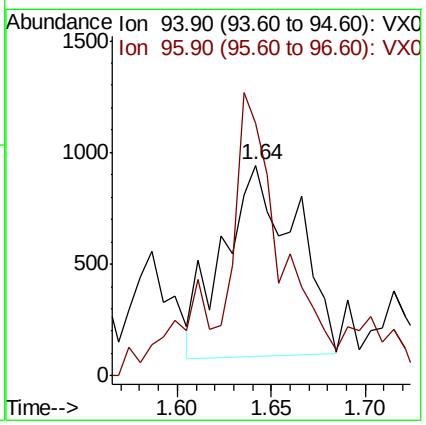


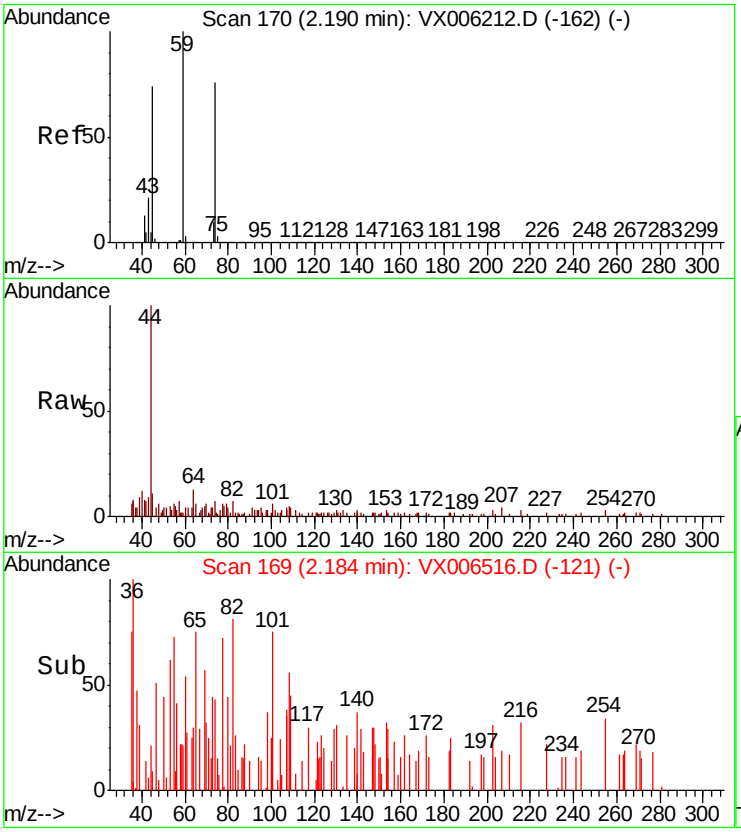


#5
Bromomethane
Concen: 0.471 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Tgt Ion: 94 Resp: 2318

Ion	Ratio	Lower	Upper
94	100		
96	120.7	74.5	111.7#



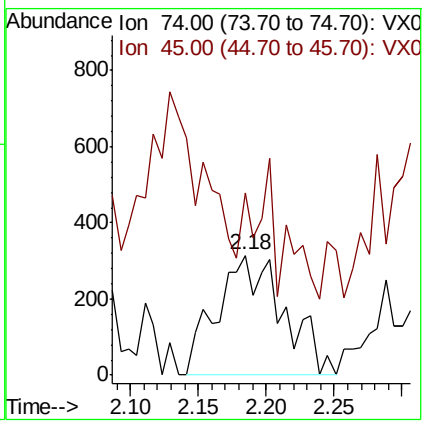


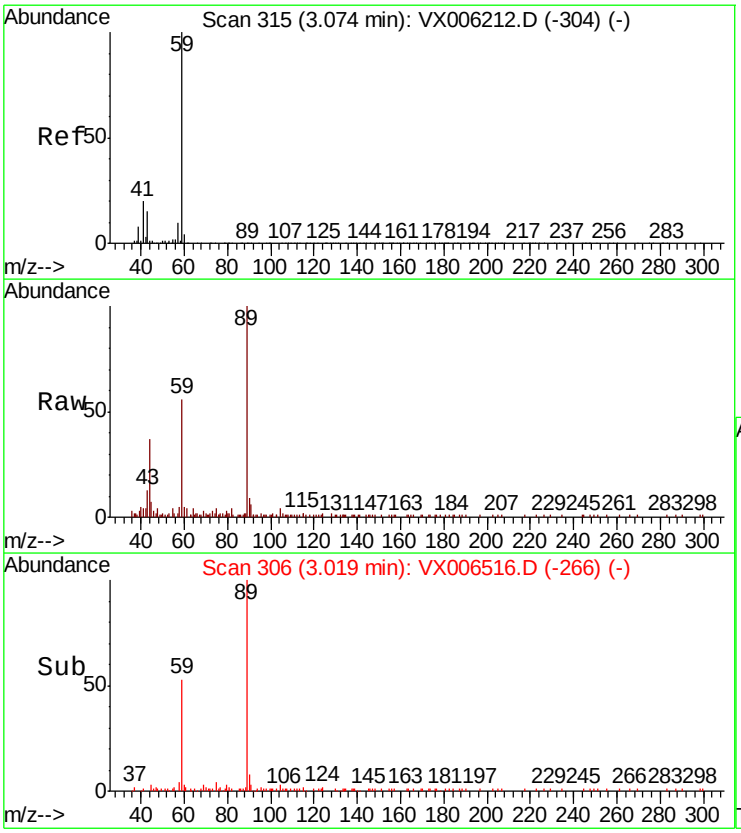
#8
Diethyl Ether
Concen: 0.261 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 1076

Ion	Ratio	Lower	Upper
74	100		
45	52.7	49.5	148.7

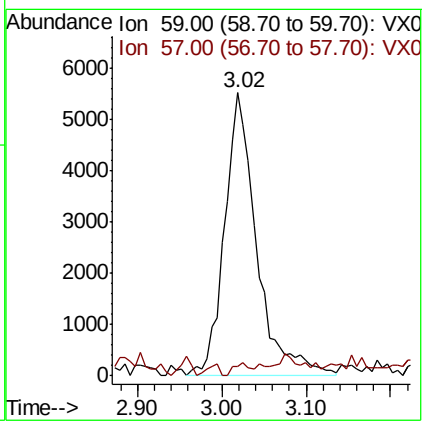


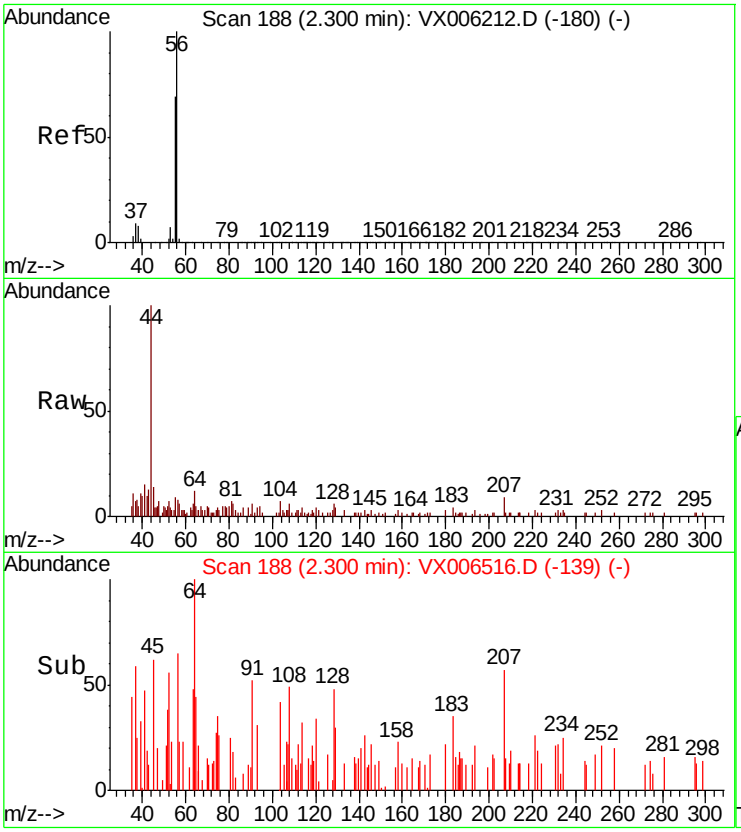


#11
Tert butyl alcohol
Concen: 7.832 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Tgt Ion: 59 Resp: 14350

Ion	Ratio	Lower	Upper
59	100		
57	2.4	8.2	12.2#



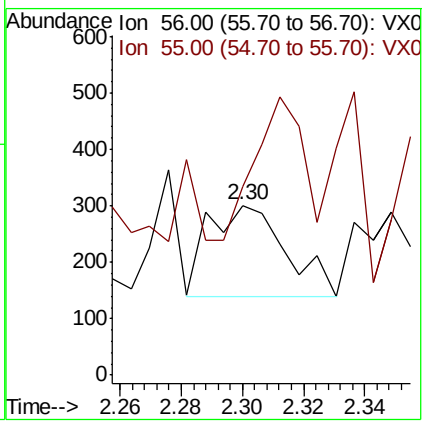


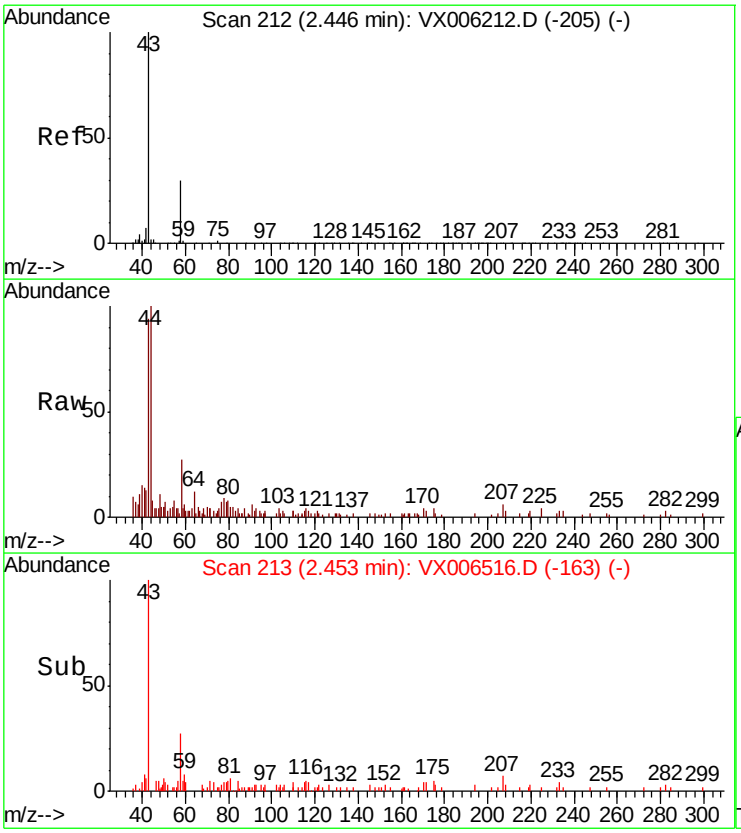
#13
Acrolein
Concen: 0.283 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 283

Ion	Ratio	Lower	Upper
56	100		
55	104.9	57.8	86.6#

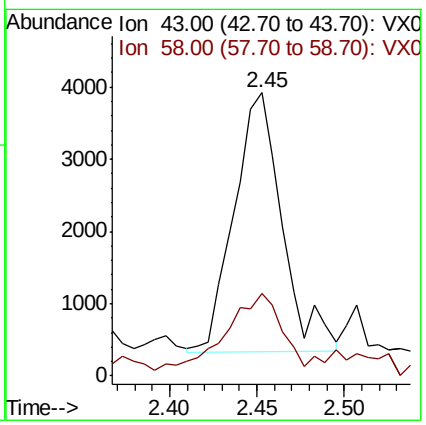


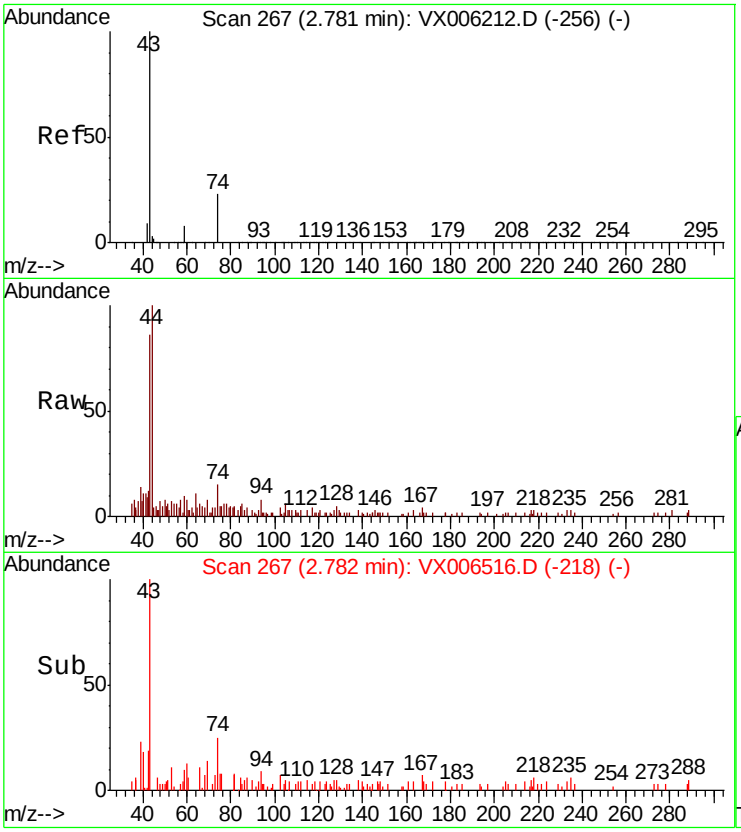


#16
Acetone
Concen: 2.176 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Tgt Ion: 43 Resp: 6842

Ion	Ratio	Lower	Upper
43	100		
58	26.6	24.0	36.0



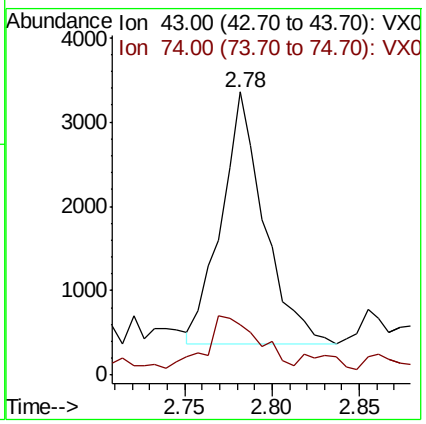


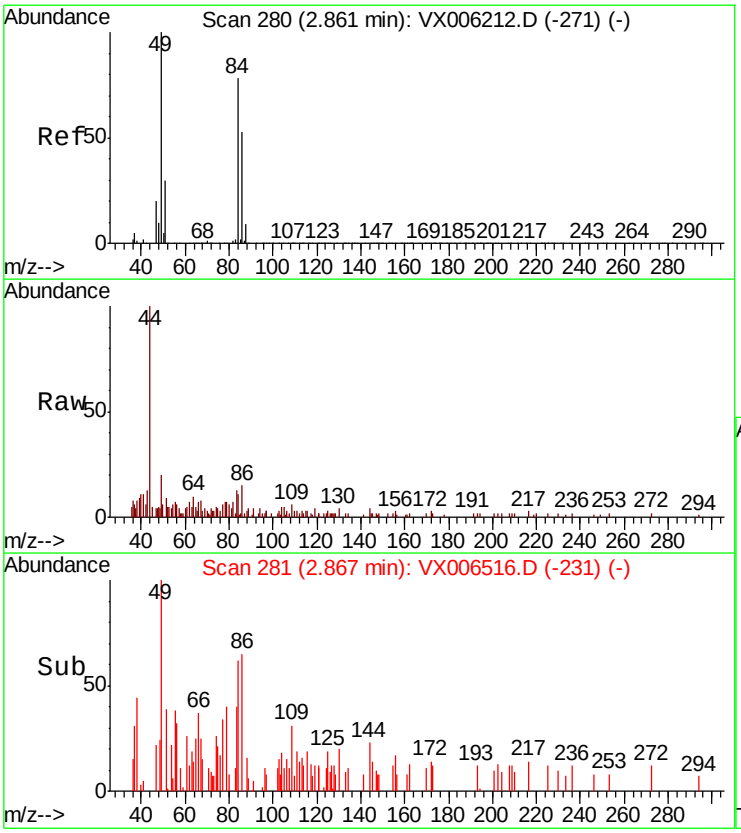
#18
Methyl Acetate
Concen: 0.483 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 5083

Ion	Ratio	Lower	Upper
43	100		
74	25.0	17.9	26.9

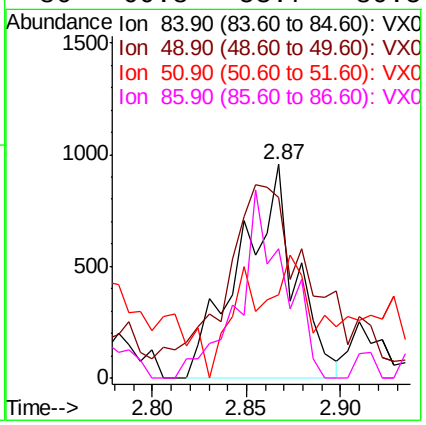


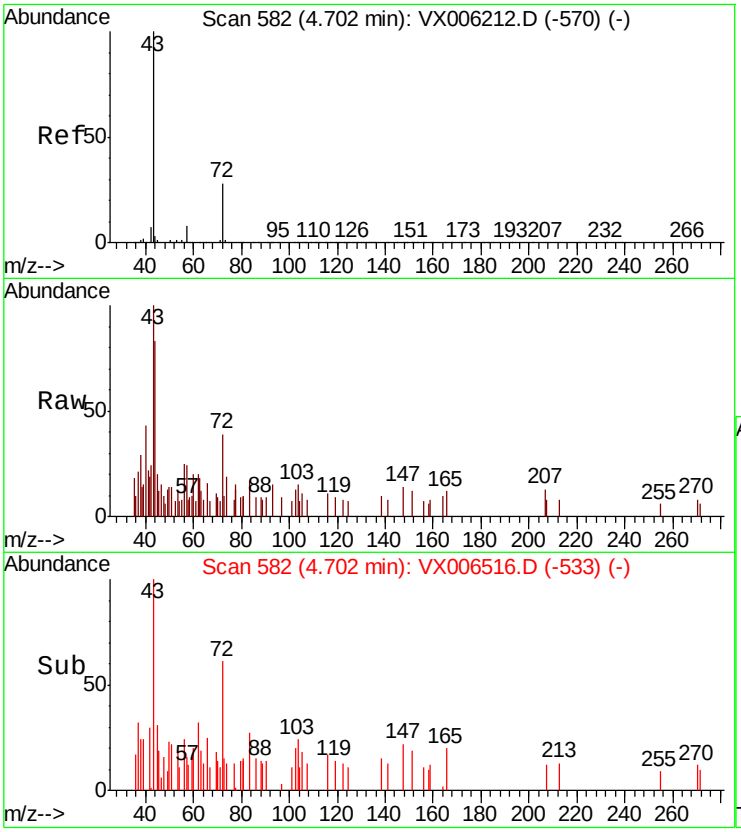


#20
Methylene Chloride
Concen: 0.291 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Tgt Ion: 84 Resp: 1945

Ion	Ratio	Lower	Upper
84	100		
49	67.4	102.2	153.4#
51	23.7	31.1	46.7#
86	60.8	53.7	80.5



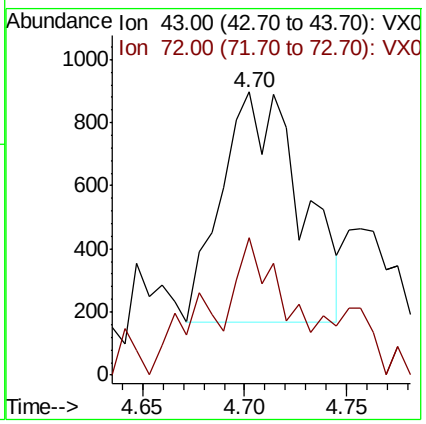


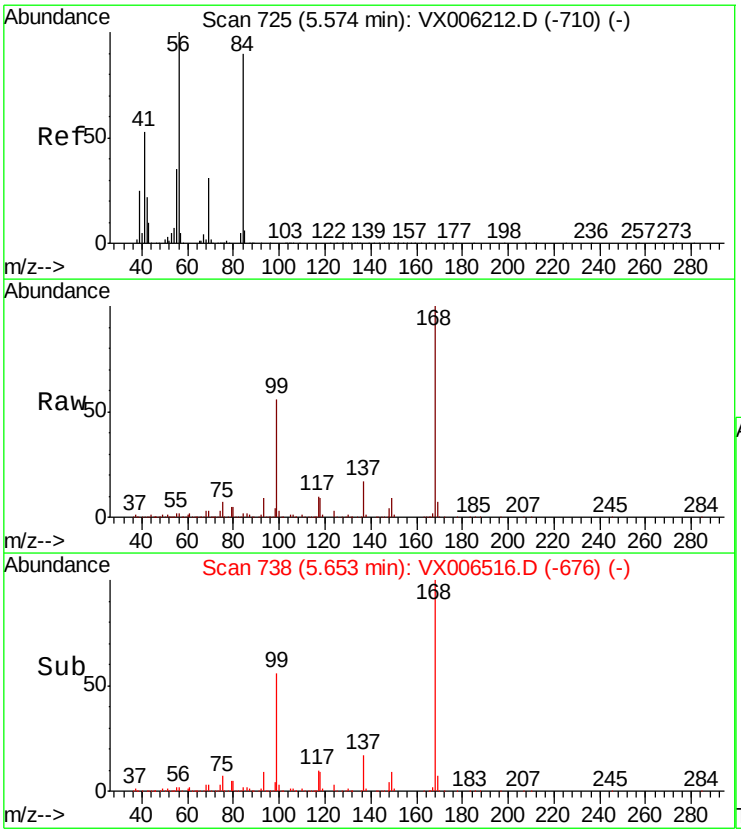
#25
2-Butanone
Concen: 0.438 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1963

Ion	Ratio	Lower	Upper
43	100		
72	42.0	22.6	33.8#

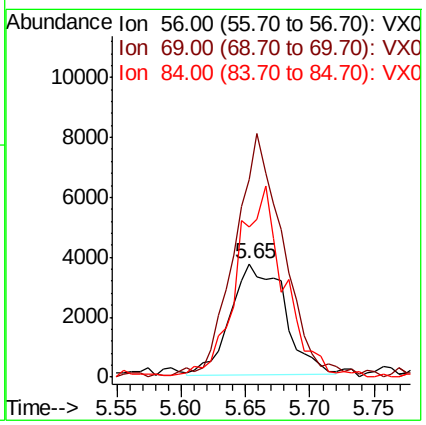


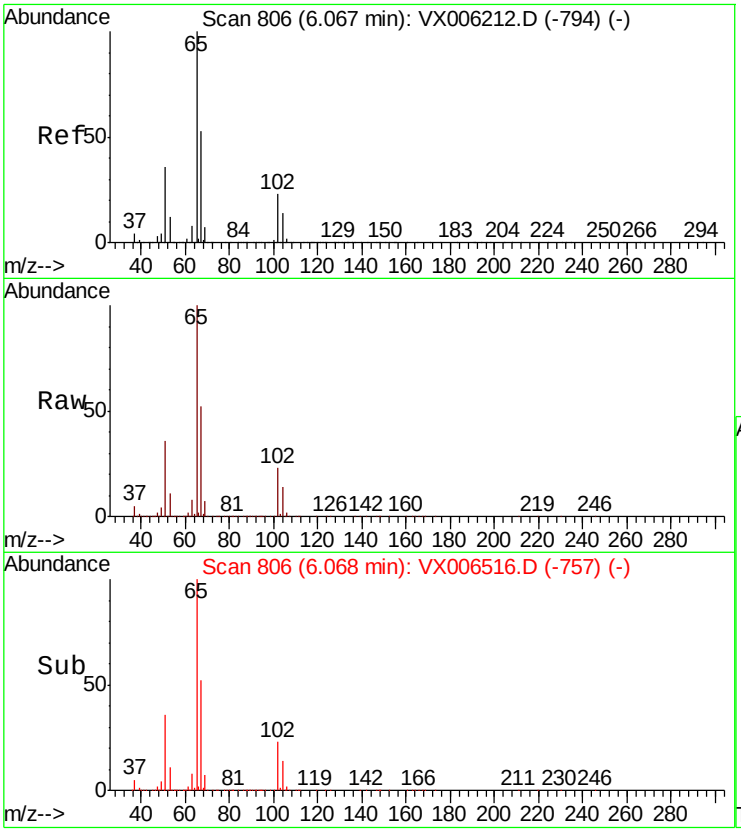


#31
Cyclohexane
Concen: 1.110 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Tgt Ion: 56 Resp: 10744

Ion	Ratio	Lower	Upper
56	100		
69	173.6	24.5	36.7#
84	134.8	71.8	107.6#



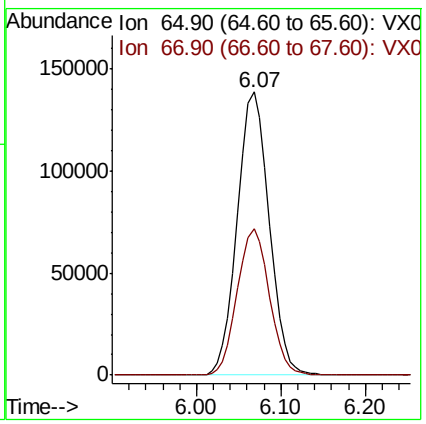


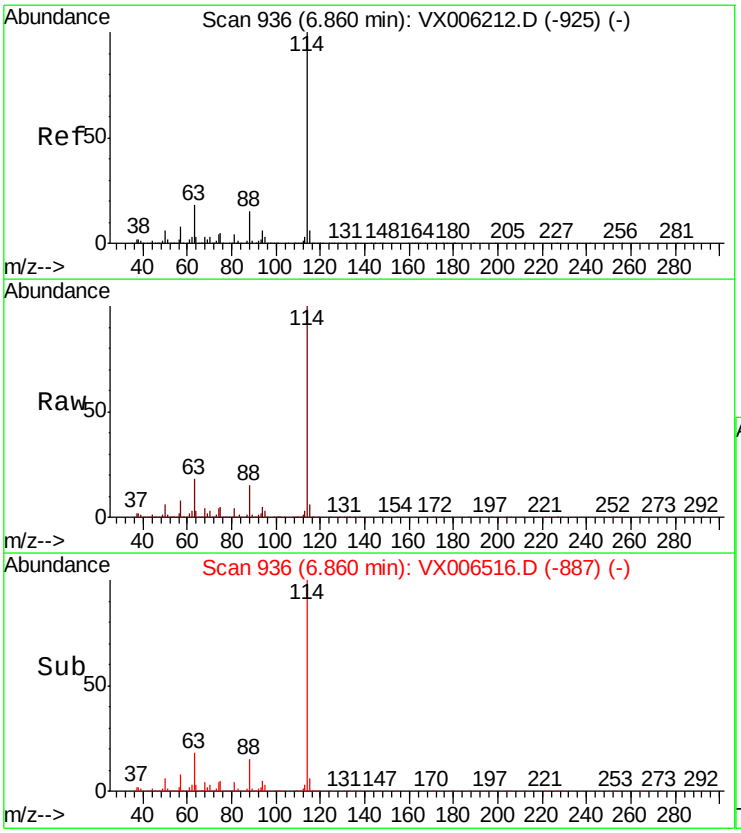
#33
1,2-Dichloroethane-d4
Concen: 53.130 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 355959

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	107.2

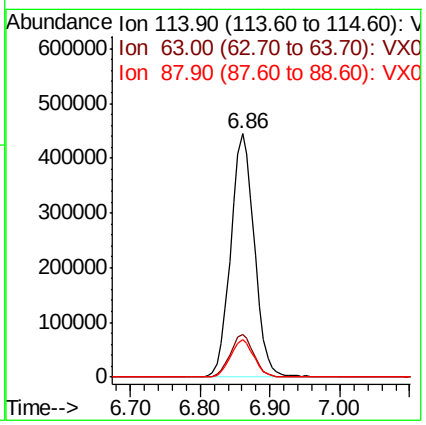


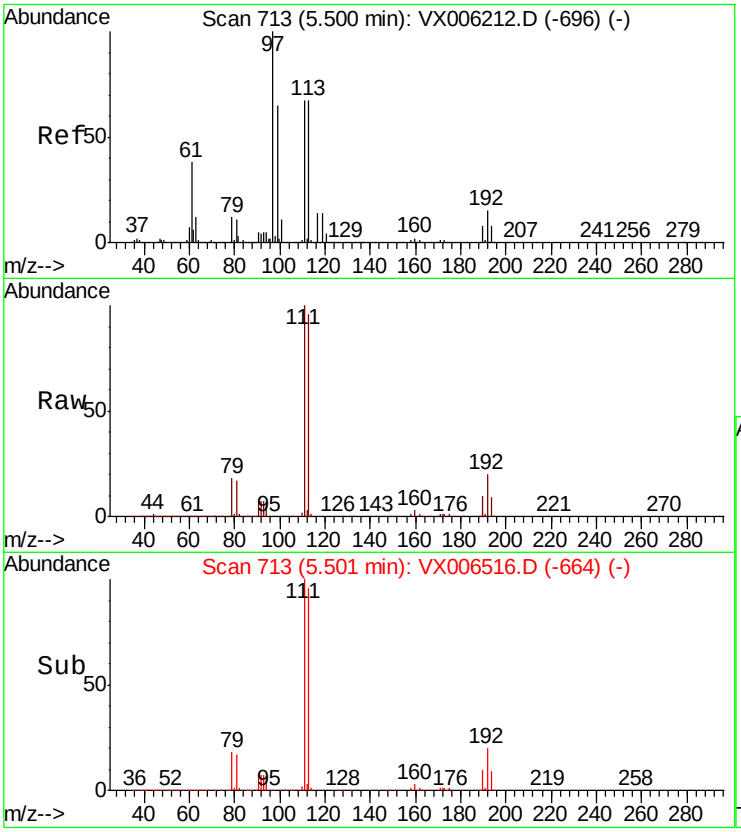


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Tgt Ion:114 Resp: 1041978

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	36.6
88	15.2	0.0	29.0



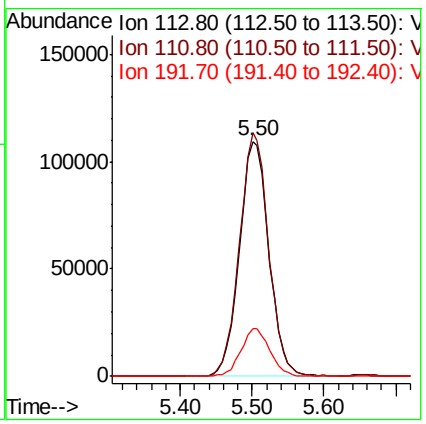


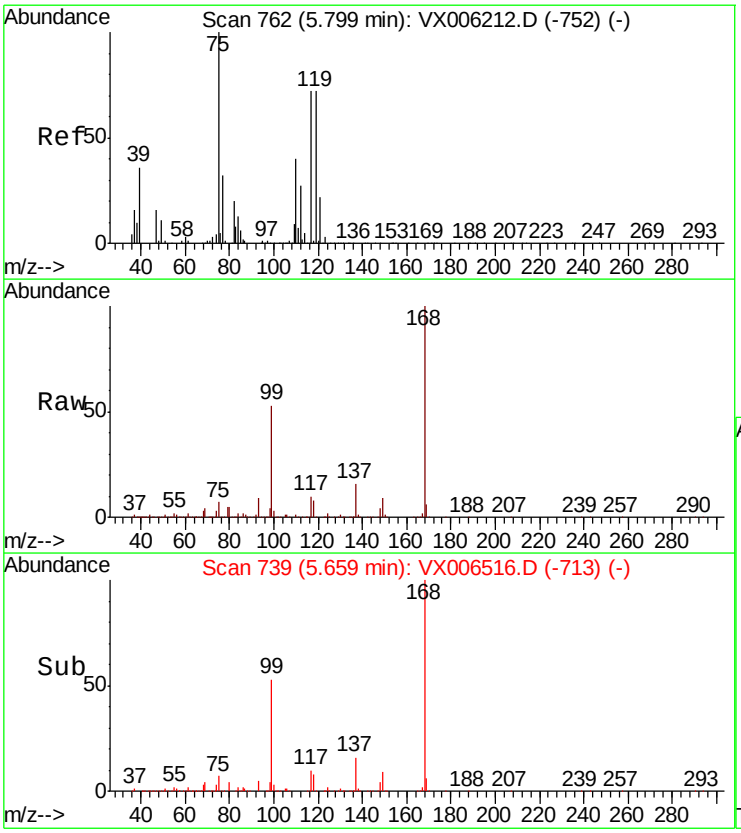
#35
Dibromofluoromethane
Concen: 45.987 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 310248

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.1	121.7
192	20.0	18.2	27.2

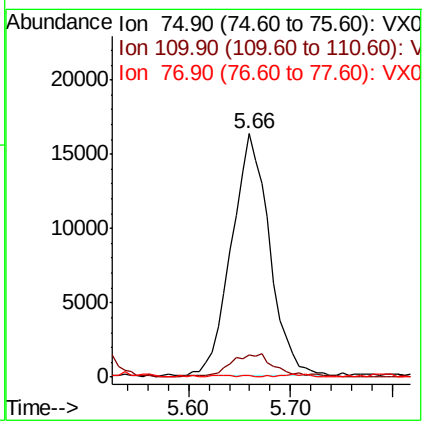


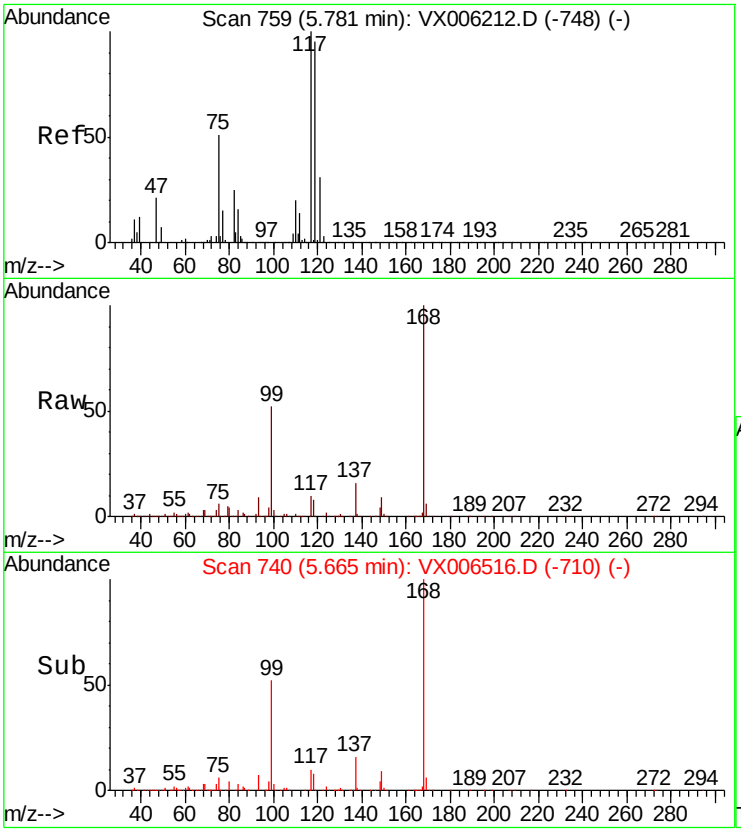


#36
1,1-Dichloropropene
Concen: 4.828 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Tgt Ion: 75 Resp: 42367

Ion	Ratio	Lower	Upper
75	100		
110	10.0	20.4	61.3#
77	0.4	24.9	37.3#



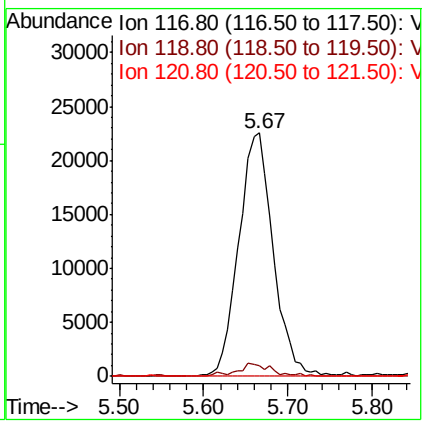


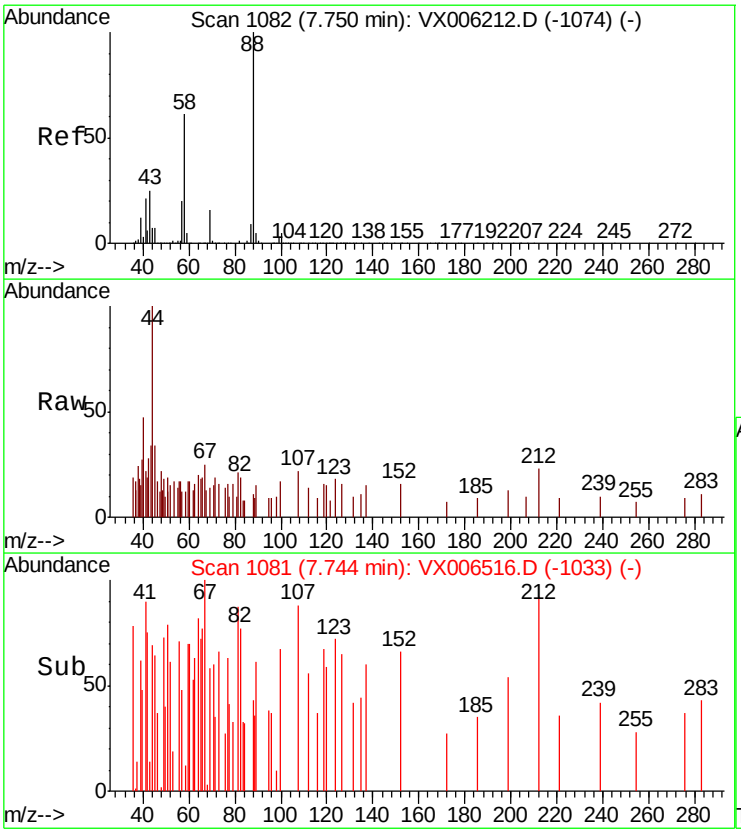
#38
Carbon Tetrachloride
Concen: 6.045 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 62402

Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.8	113.8#
121	0.0	24.6	37.0#

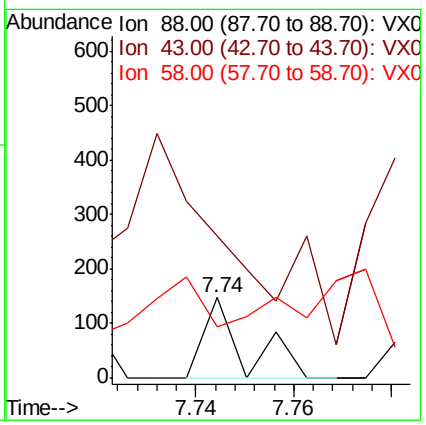


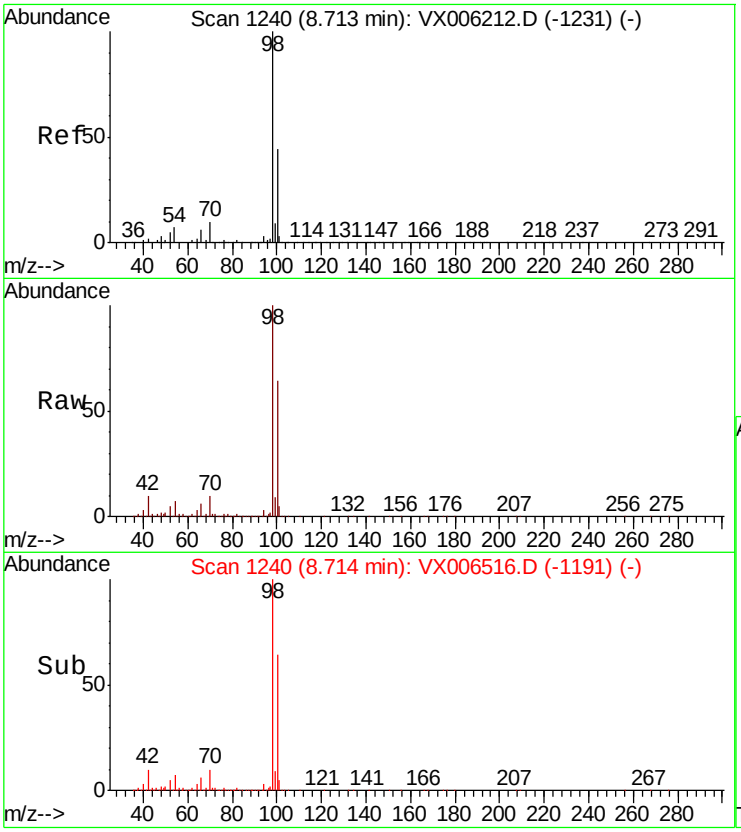


#49
1,4-Dioxane
Concen: 0.428 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Tgt Ion: 88 Resp: 84

Ion	Ratio	Lower	Upper
88	100		
43	590.5	23.2	34.8#
58	275.0	51.4	77.0#



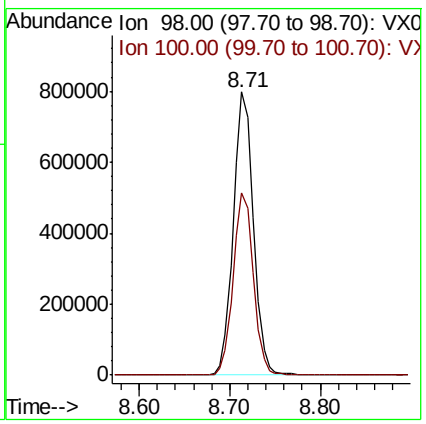


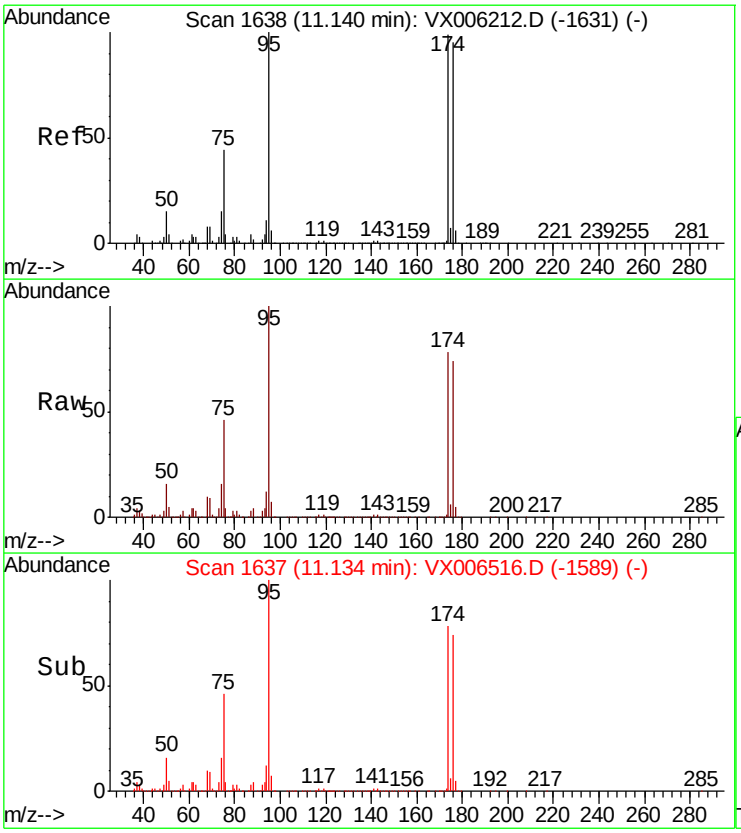
#50
Toluene-d8
Concen: 50.081 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 1228971

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2

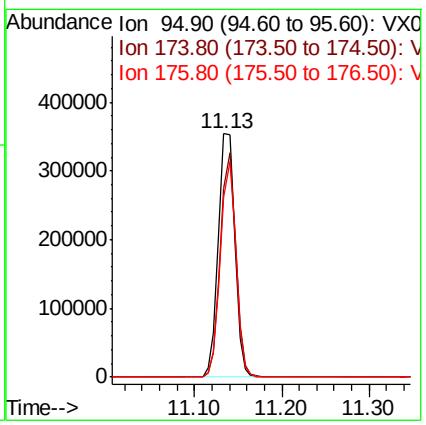


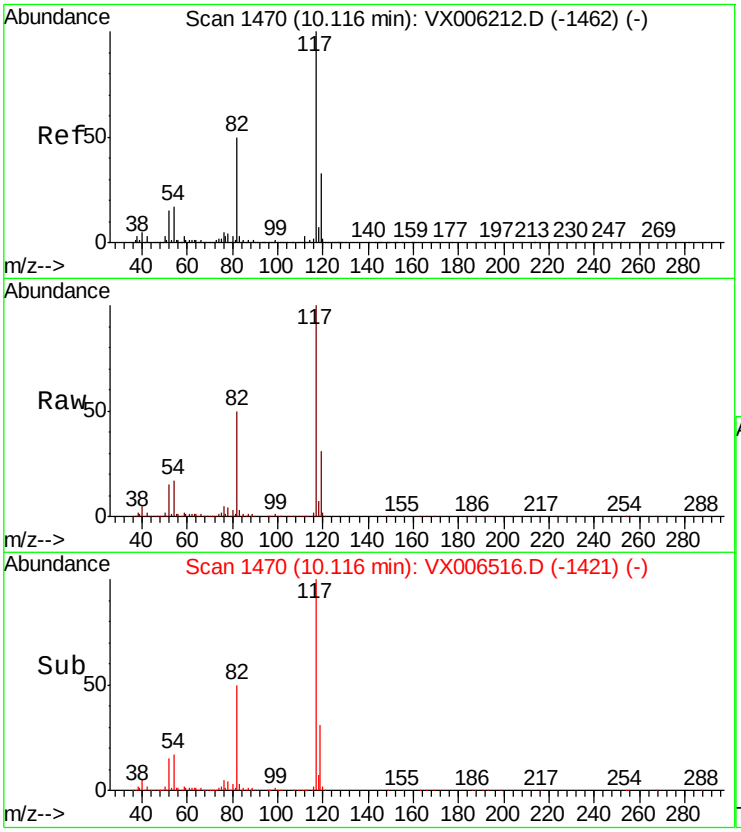


#62
4-Bromofluorobenzene
Concen: 49.950 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Tgt Ion: 95 Resp: 461894

Ion	Ratio	Lower	Upper
95	100		
174	86.2	0.0	187.0
176	83.2	0.0	181.8



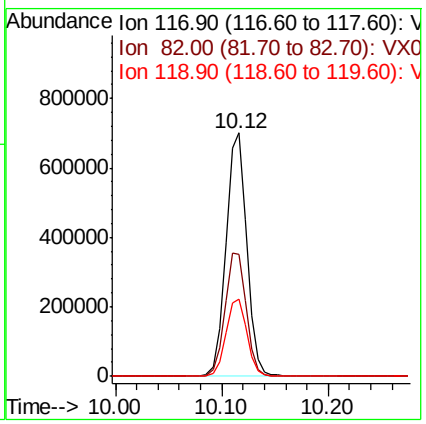


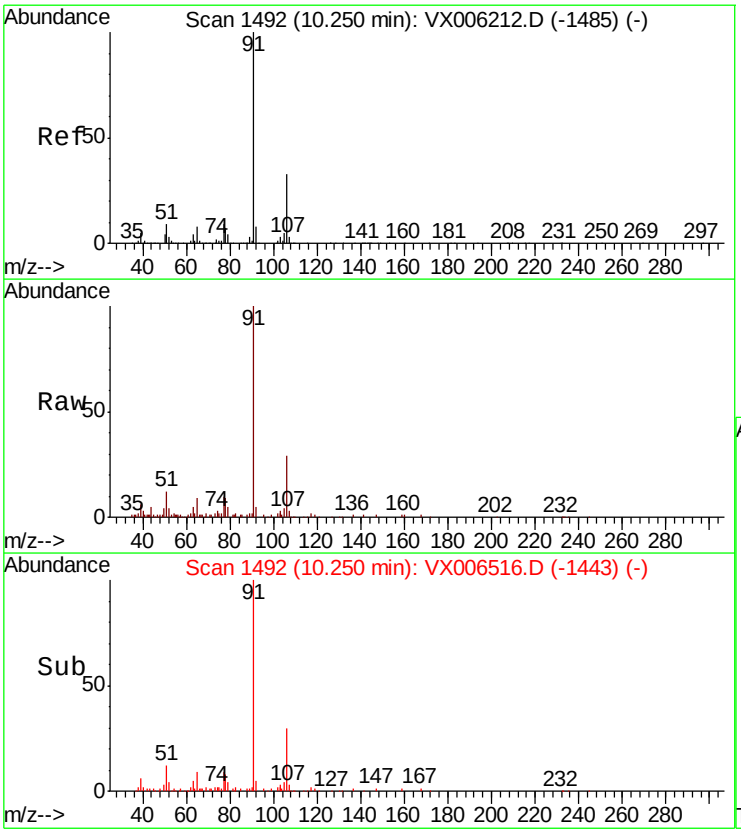
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 957539

Ion	Ratio	Lower	Upper
117	100		
82	50.1	39.6	59.4
119	31.5	26.3	39.5

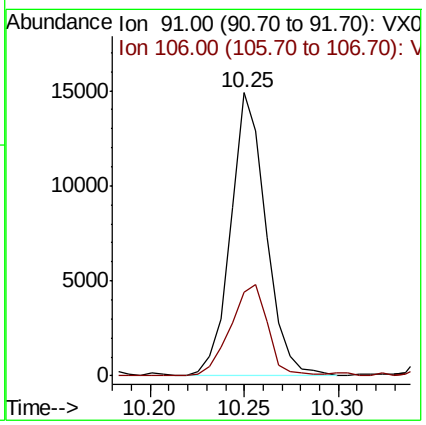


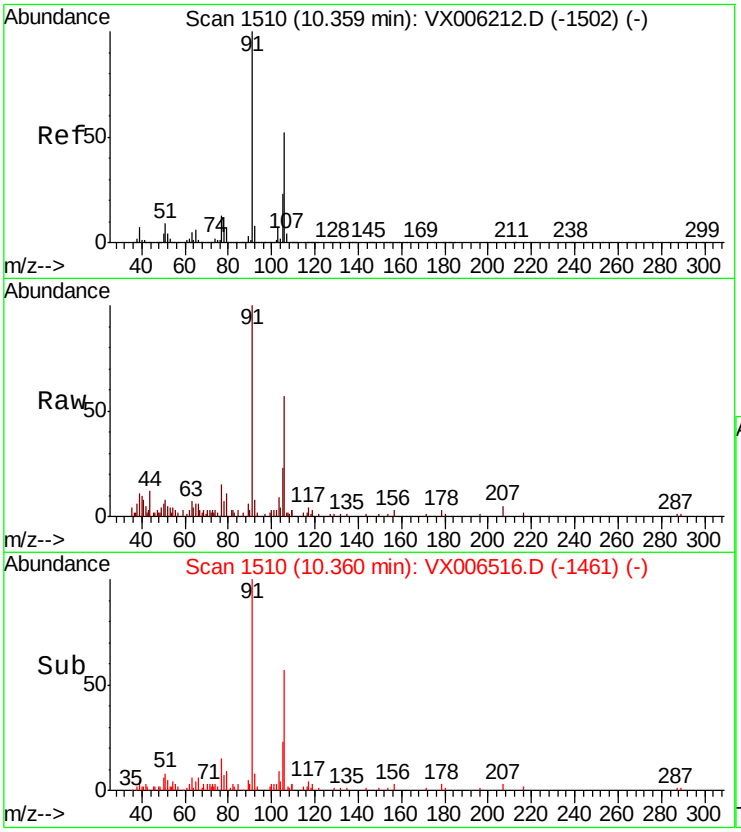


#67
Ethyl Benzene
Concen: 0.571 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Tgt Ion: 91 Resp: 19299

Ion	Ratio	Lower	Upper
91	100		
106	29.5	26.5	39.7



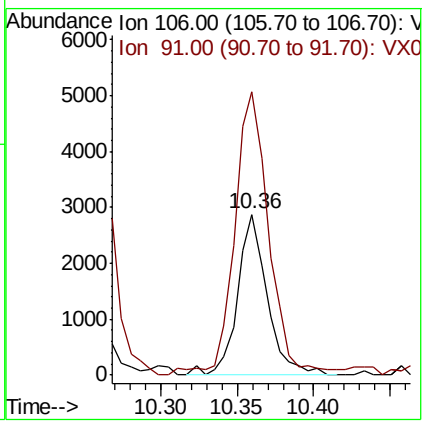


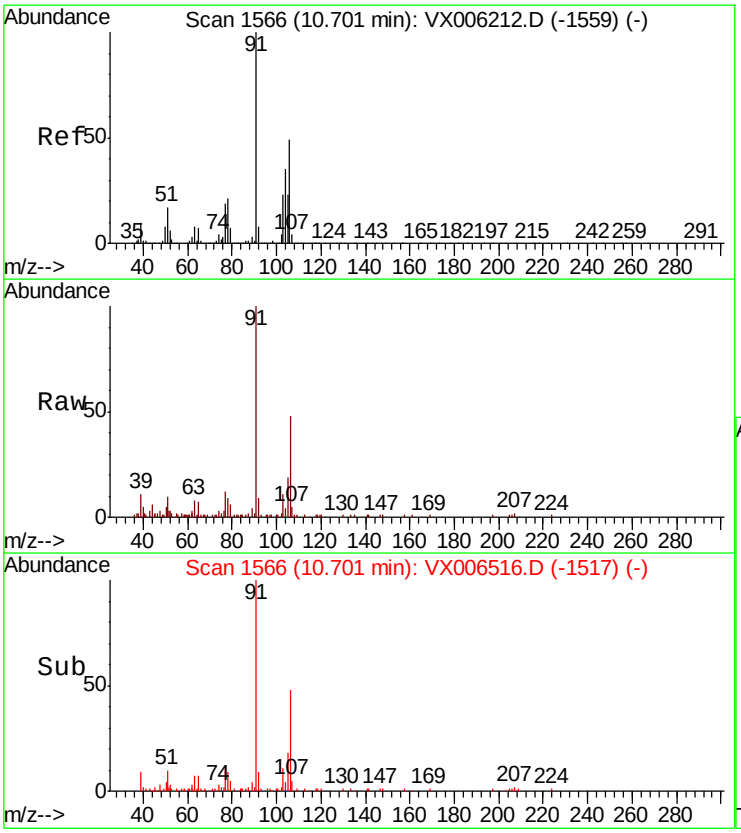
#68
m/p-Xylenes
Concen: 0.286 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 3875

Ion	Ratio	Lower	Upper
106	100		
91	204.0	155.2	232.8

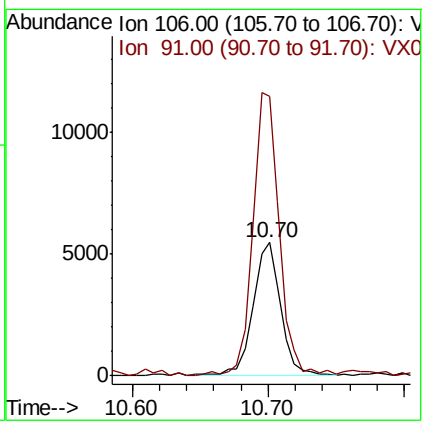


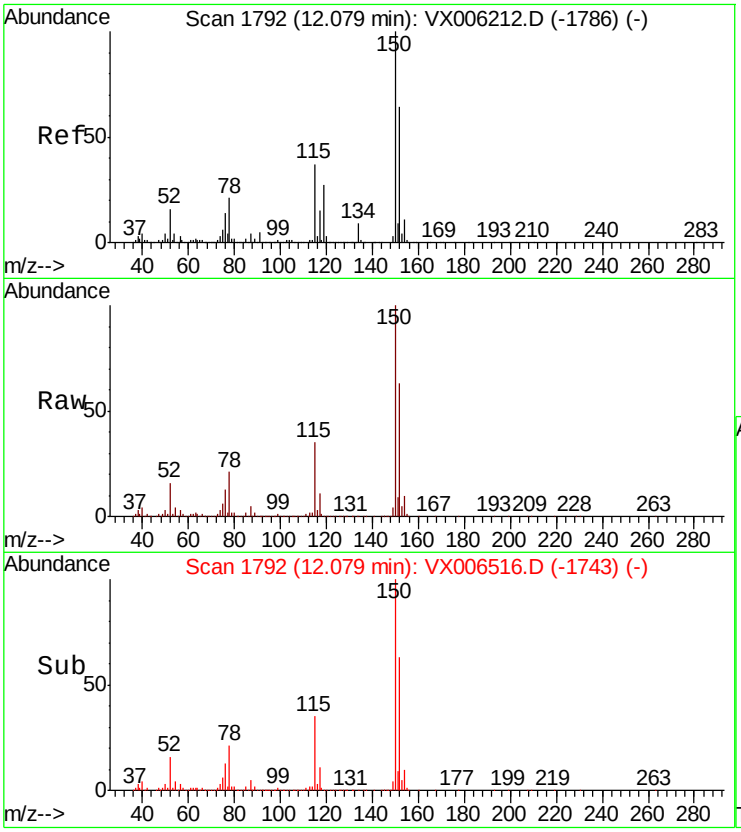


#69
o-Xylene
Concen: 0.590 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Tgt Ion:106 Resp: 7890

Ion	Ratio	Lower	Upper
106	100		
91	202.2	101.8	305.6



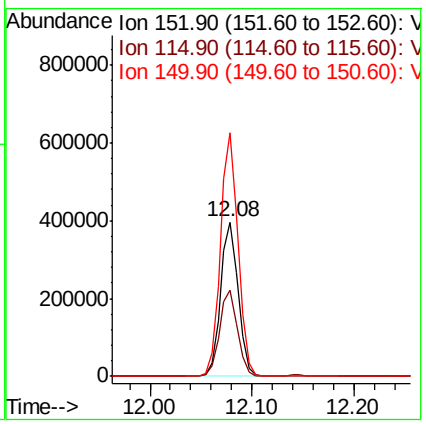


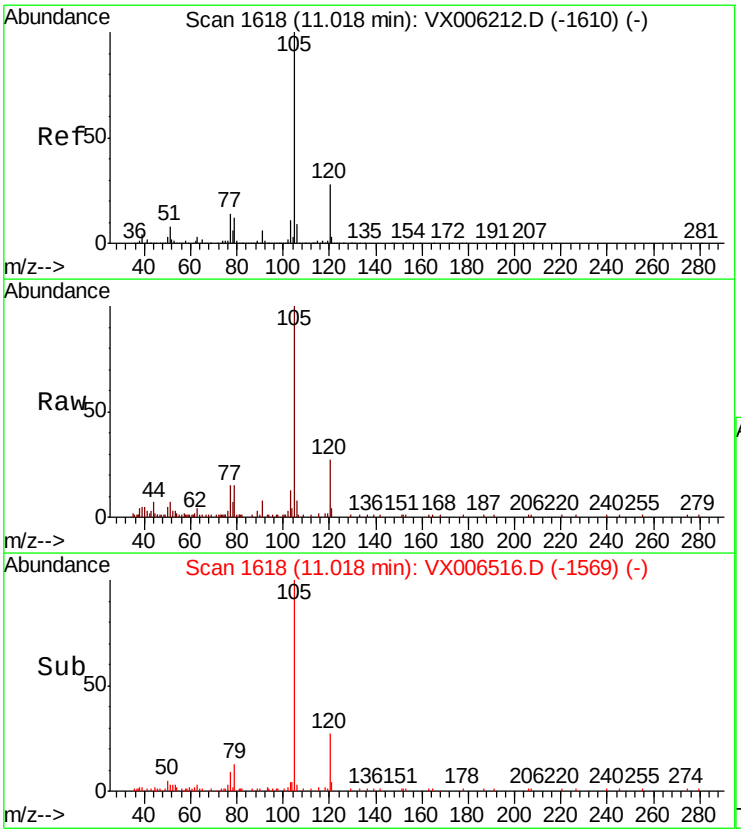
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 477313

Ion	Ratio	Lower	Upper
152	100		
115	56.5	39.0	116.9
150	157.3	0.0	345.8

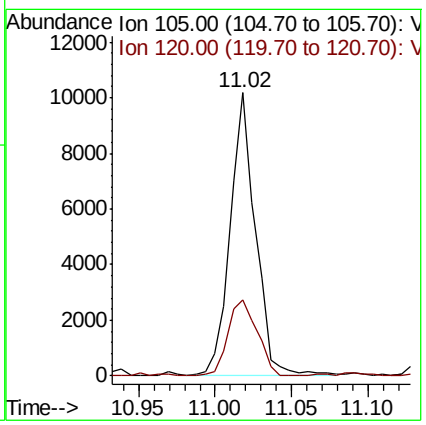


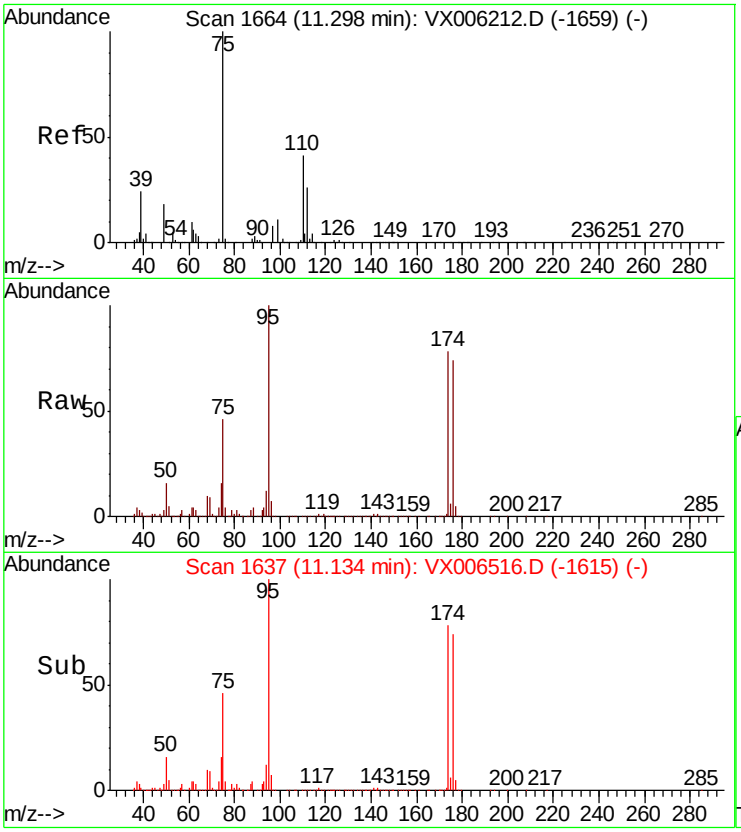


#73
Isopropylbenzene
Concen: 0.356 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Tgt Ion:105 Resp: 11732

Ion	Ratio	Lower	Upper
105	100		
120	30.7	14.1	42.3



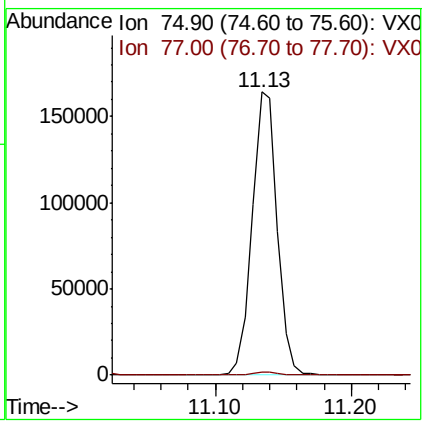


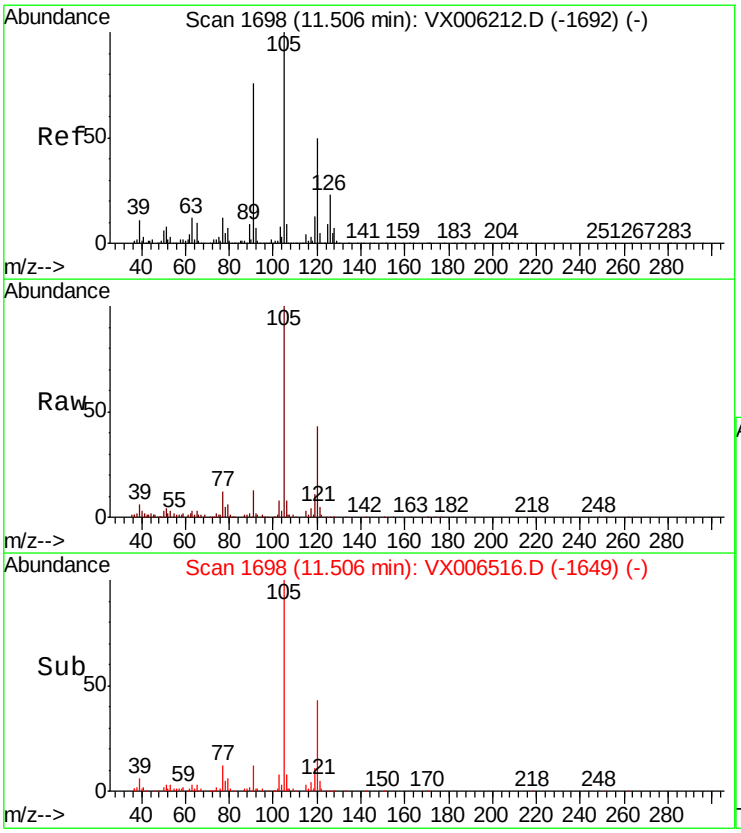
#76
1,2,3-Trichloropropane
Concen: 23.106 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 212874

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.9	59.7#

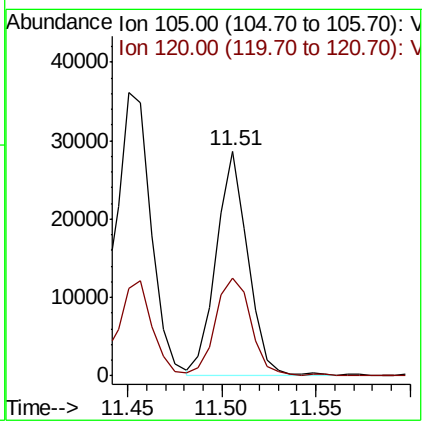


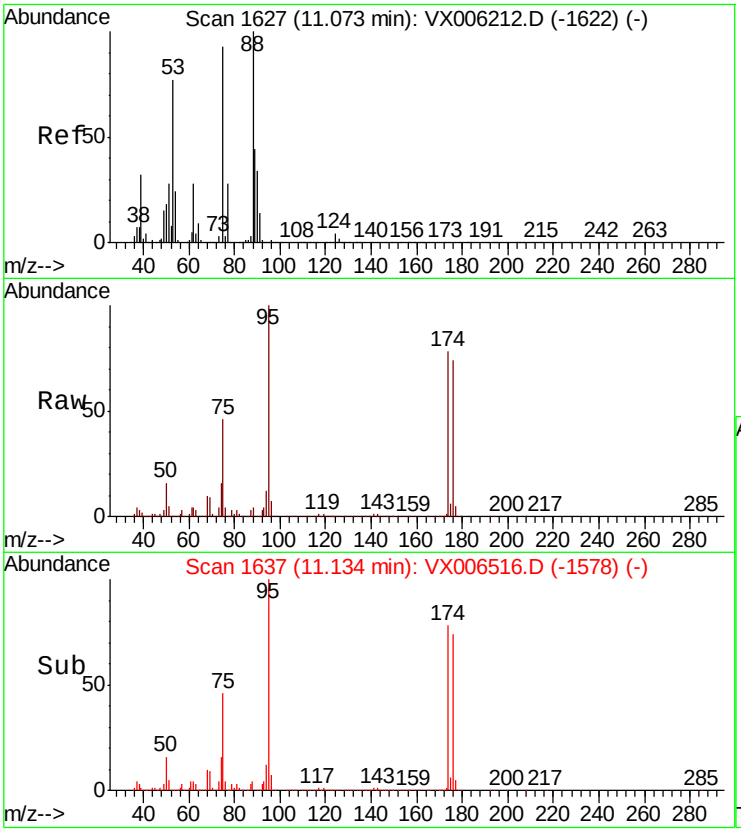


#80
1,3,5-Trimethylbenzene
Concen: 1.210 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Tgt Ion:105 Resp: 33198

Ion	Ratio	Lower	Upper
105	100		
120	49.8	25.4	76.0



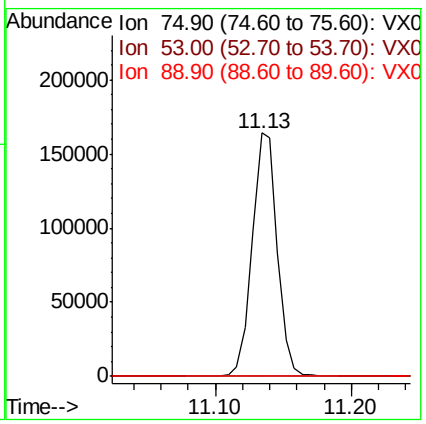


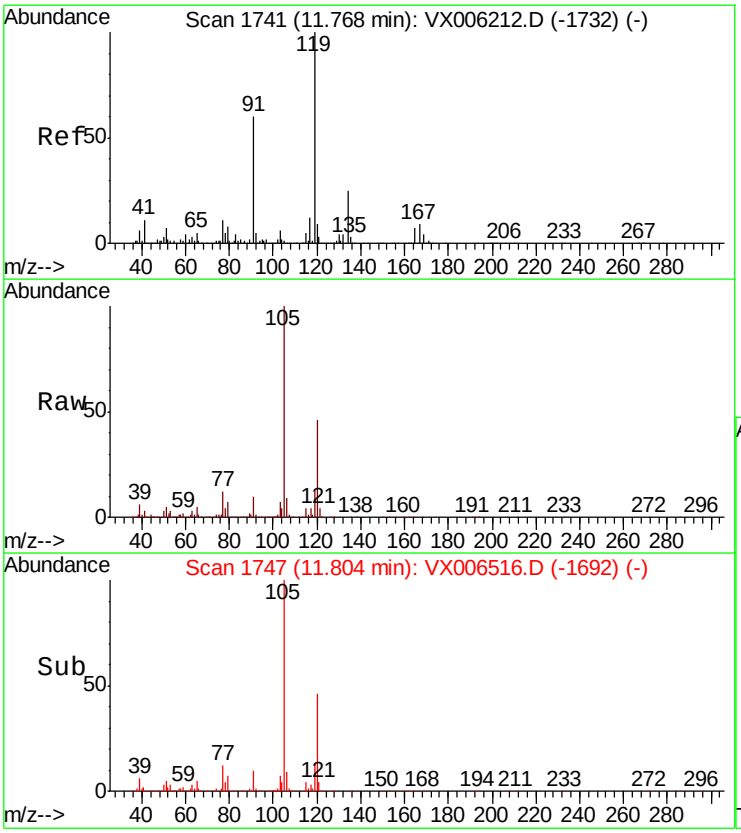
#81
trans-1,4-Dichloro-2-butene
Concen: 54.223 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 212874

Ion	Ratio	Lower	Upper
75	100		
53	0.2	64.4	96.6#
89	0.0	44.2	66.4#

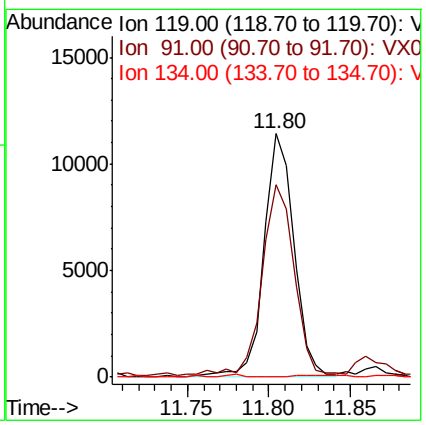


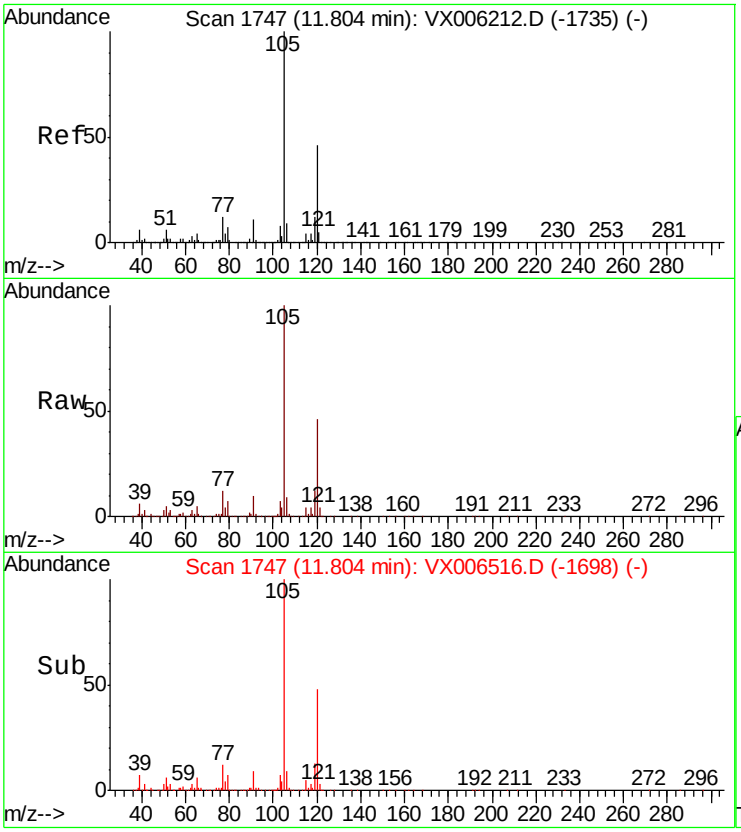


#83
tert-Butylbenzene
Concen: 0.496 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.04 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Tgt Ion:119 Resp: 14527

Ion	Ratio	Lower	Upper
119	100		
91	84.3	26.4	79.2#
134	0.0	11.6	34.7#



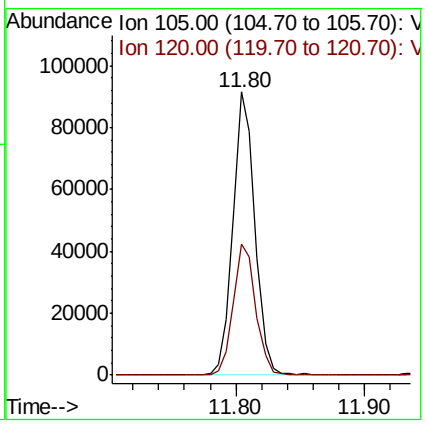


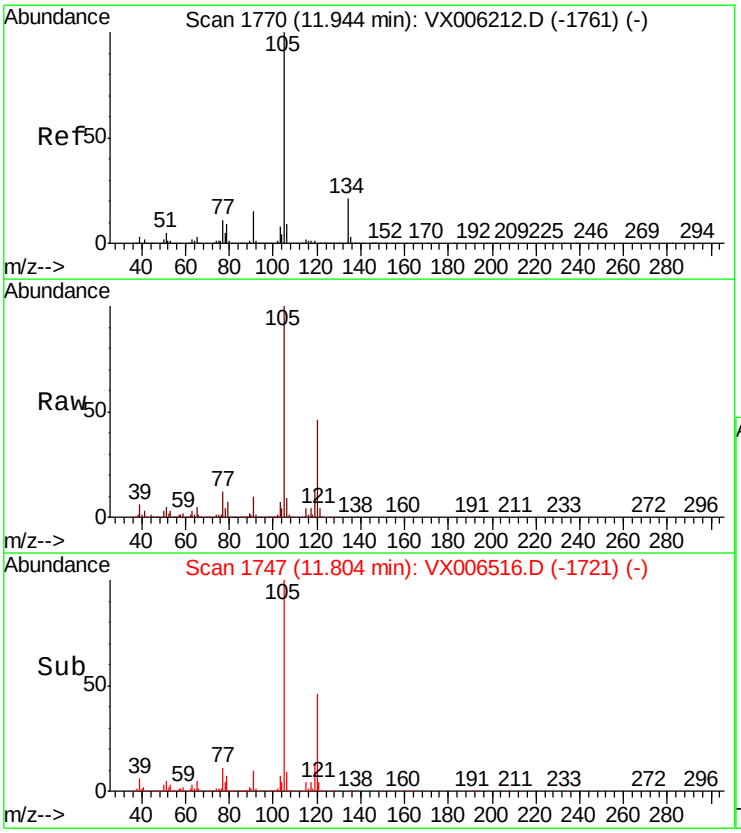
#84
1,2,4-Trimethylbenzene
Concen: 3.846 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 108929

Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.4	70.0

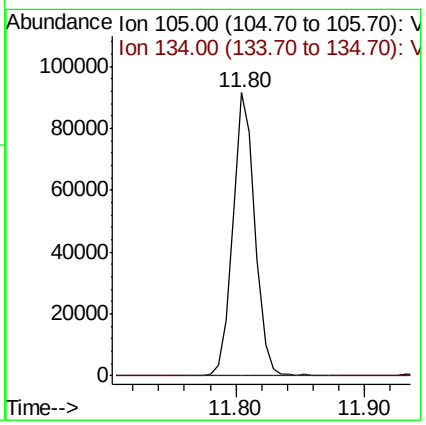


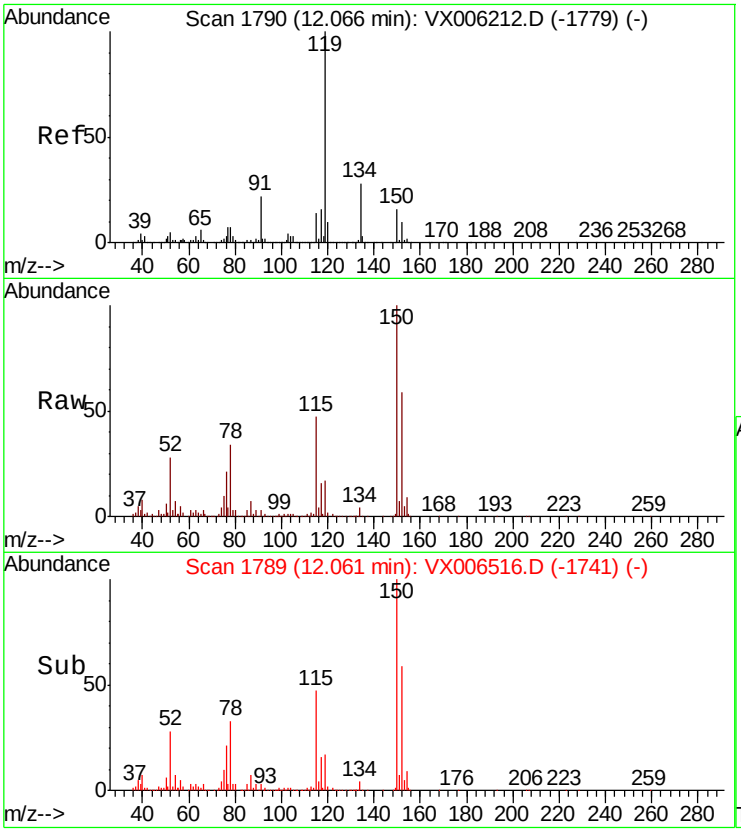


#85
sec-Butylbenzene
Concen: 3.272 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.14 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Tgt Ion:105 Resp: 108929

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.8	32.4#



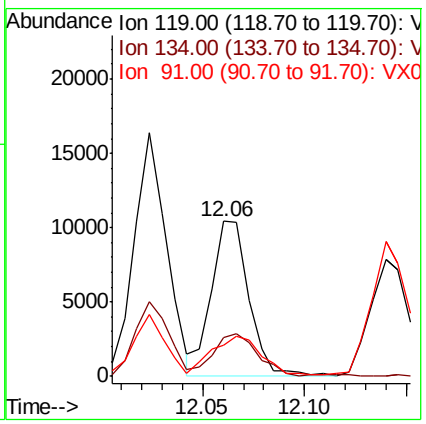


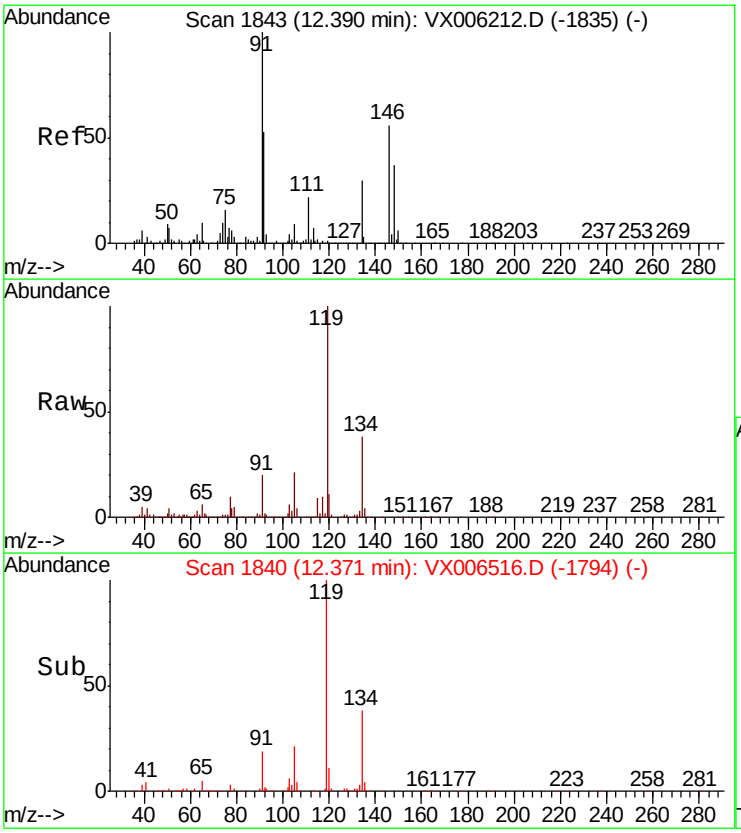
#86
p-Isopropyltoluene
Concen: 0.447 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.01 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:119 Resp: 13411

Ion	Ratio	Lower	Upper
119	100		
134	32.4	13.9	41.6
91	33.1	11.3	33.8

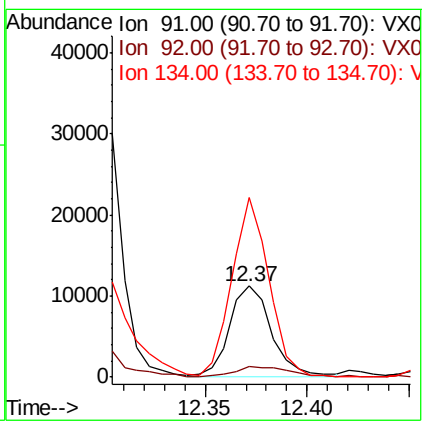


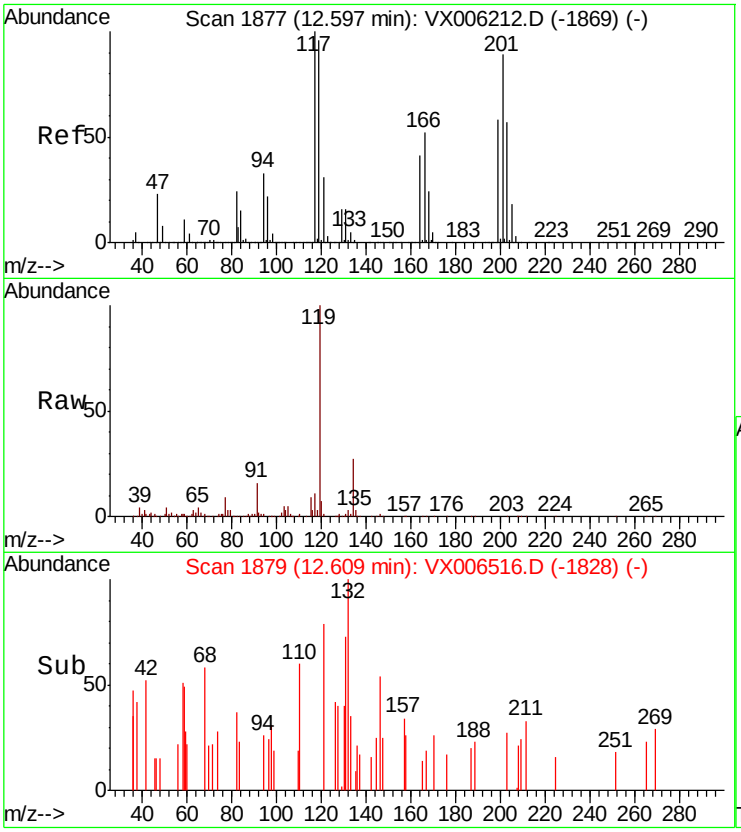


#89
n-Butylbenzene
Concen: 0.619 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.02 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Tgt Ion: 91 Resp: 15832

Ion	Ratio	Lower	Upper
91	100		
92	14.3	26.6	79.8#
134	176.2	14.8	44.3#



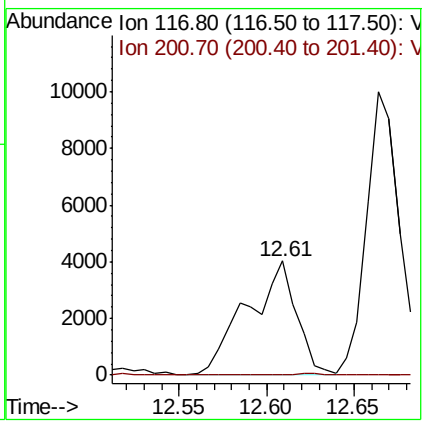


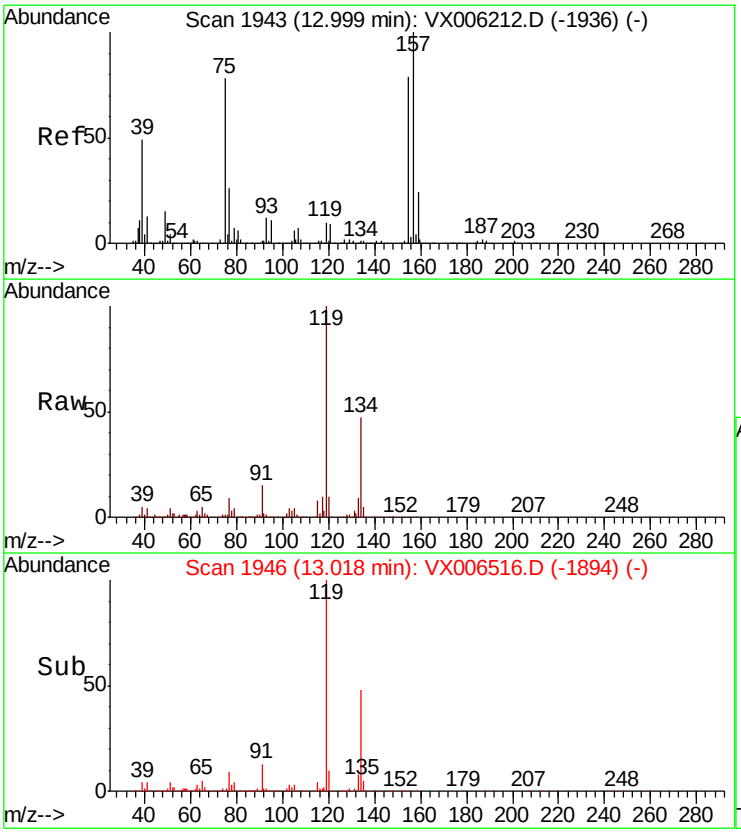
#90
Hexachloroethane
Concen: 1.318 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 8050

Ion	Ratio	Lower	Upper
117	100		
201	0.5	44.7	134.1#

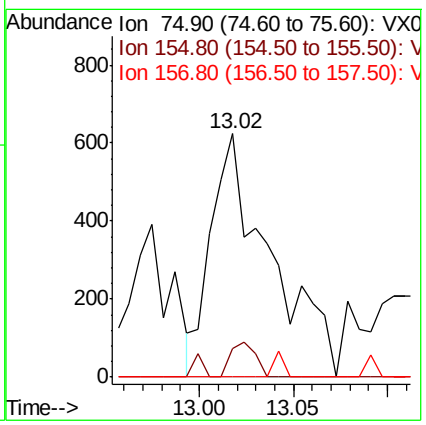


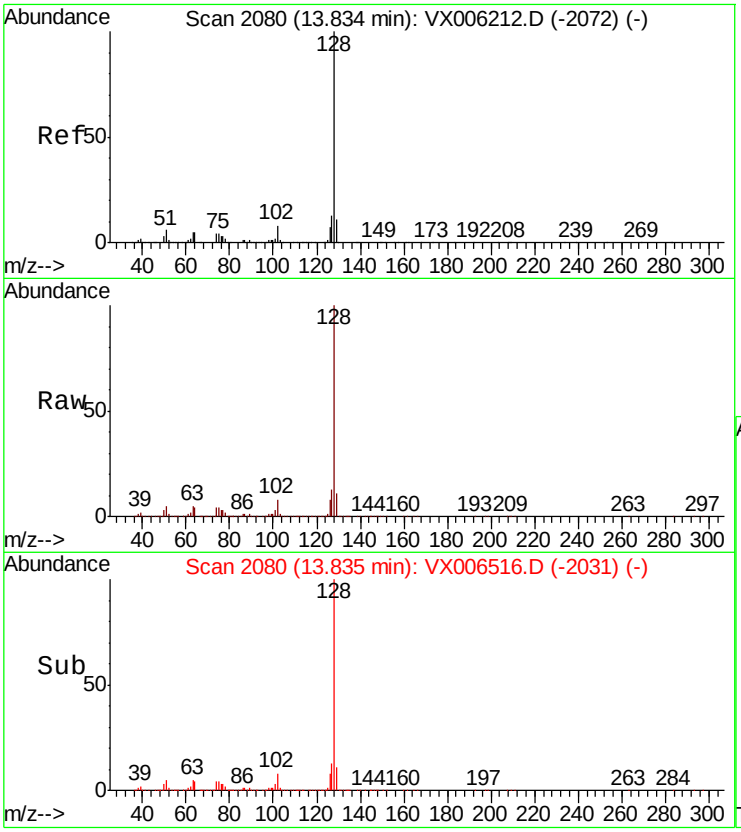


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.502 ug/l
RT: 13.02 min Scan# 1946
Delta R.T. 0.02 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Tgt Ion: 75 Resp: 1356

Ion	Ratio	Lower	Upper
75	100		
155	5.9	53.4	160.3#
157	0.0	68.0	203.8#





#95
Naphthalene
Concen: 63.585 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 2331065

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.2	8.9	13.3