Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102418\
Data File : VX005542.D
Acq On : 24 Oct 2018 15:39
Operator : JC/MD
Sample : J5655-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S37-TB-2018-1

Quant Time: Oct 25 05:50:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	193964	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	287451	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	256728	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121744	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	121380	51.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.52%				
35) Dibromofluoromethane	5.50	113	94868	48.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.48%				
50) Toluene-d8	8.71	98	346214	49.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.00%				
62) 4-Bromofluorobenzene	11.14	95	113257	42.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.76%				
Target Compounds							Qvalue
16) Acetone	2.44	43	2341	1.871	ug/l		100
19) Methyl tert-butyl Ether	3.20	73	1626	0.250	ug/l	#	73
20) Methylene Chloride	2.85	84	2070	0.988	ug/l		97
23) Vinyl Acetate	3.82	43	8099	1.296	ug/l	#	92
25) 2-Butanone	4.70	43	2434	1.278	ug/l	#	89
39) Methylcyclohexane	7.46	83	1111	0.361	ug/l	#	85
51) 4-Methyl-2-Pentanone	8.65	43	3322	0.927	ug/l		92
59) 2-Hexanone	9.50	43	2716	0.961	ug/l		85
68) m/p-Xylenes	10.36	106	1654	0.474	ug/l		94
73) Isopropylbenzene	11.02	105	2023	0.272	ug/l		98
78) n-propylbenzene	11.36	91	2758	0.324	ug/l		97
80) 1,3,5-Trimethylbenzene	11.51	105	1963	0.308	ug/l		98
82) 4-Chlorotoluene	11.51	91	1945	0.313	ug/l		100
83) tert-Butylbenzene	11.77	119	2279	0.359	ug/l		92
84) 1,2,4-Trimethylbenzene	11.80	105	1761	0.273	ug/l		99
85) sec-Butylbenzene	11.94	105	3061	0.404	ug/l		95
89) n-Butylbenzene	12.38	91	3260	0.533	ug/l		96
95) Naphthalene	13.83	128	2790	0.336	ug/l	#	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102418\
Data File : VX005542.D
Acq On : 24 Oct 2018 15:39
Operator : JC/MD
Sample : J5655-09
Misc : 5.0mL/MSVOA_X/WATER
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Instrument : MSVOA_X
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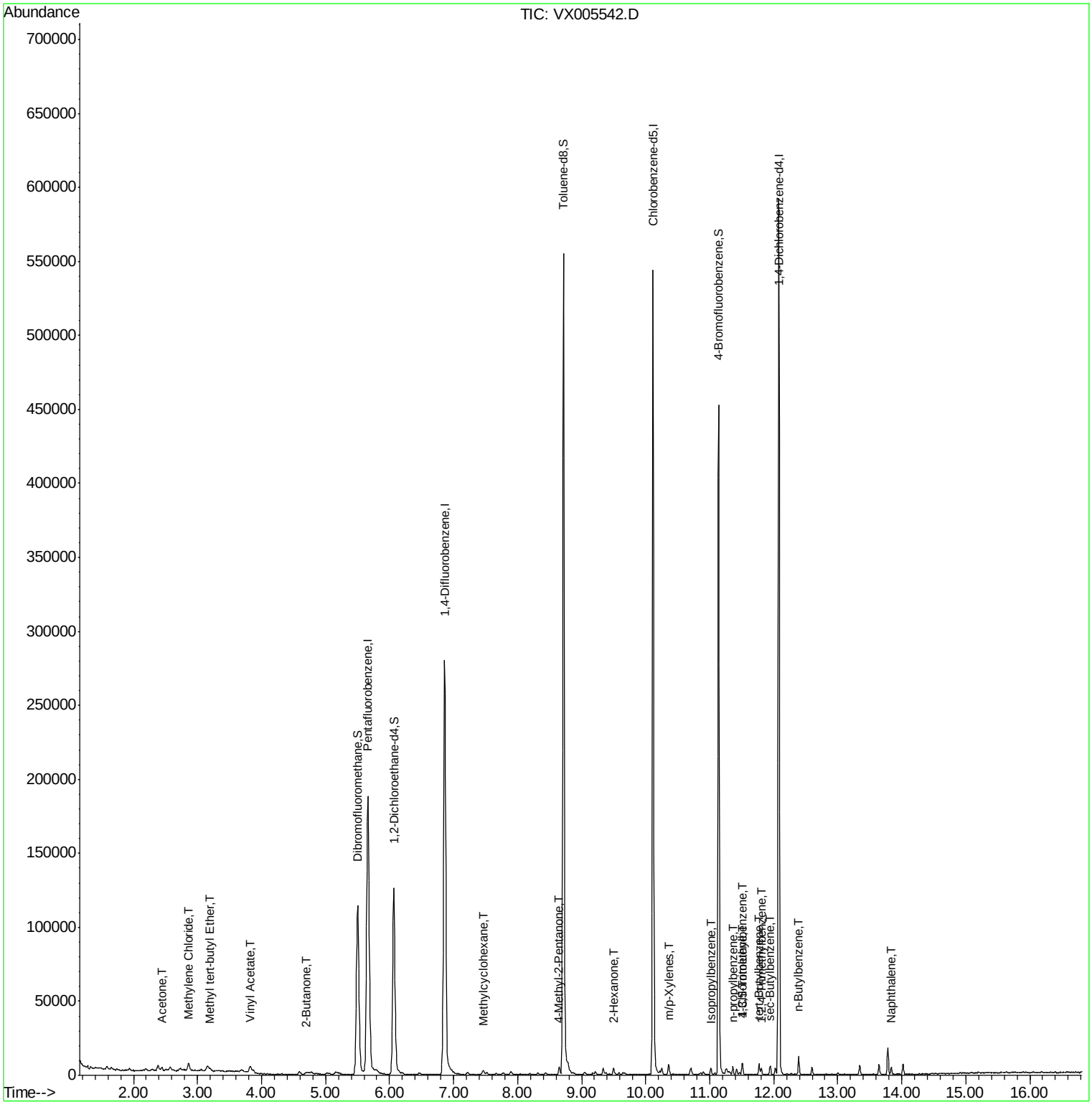
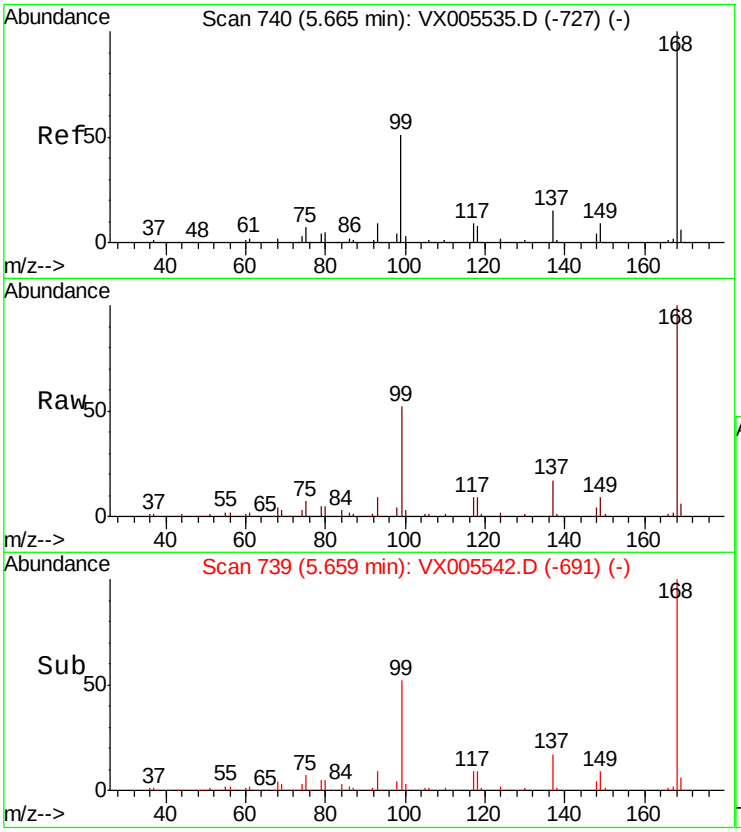
Quant Time: Oct 25 05:50:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration



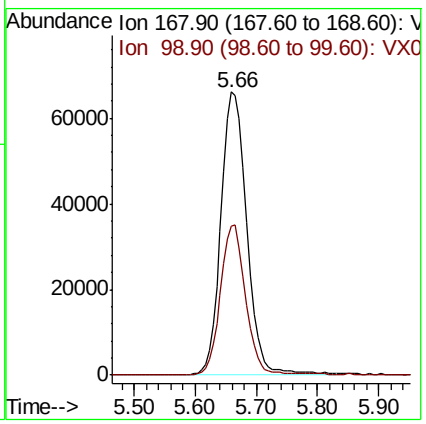


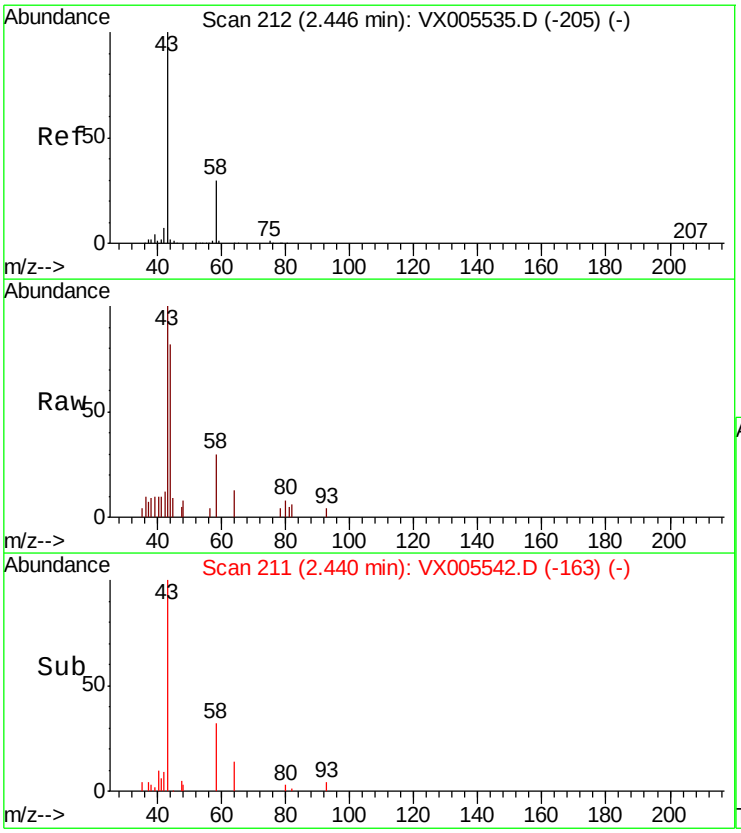
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2018-1

Tgt Ion:168 Resp: 193964

Ion	Ratio	Lower	Upper
168	100		
99	52.5	39.9	59.9

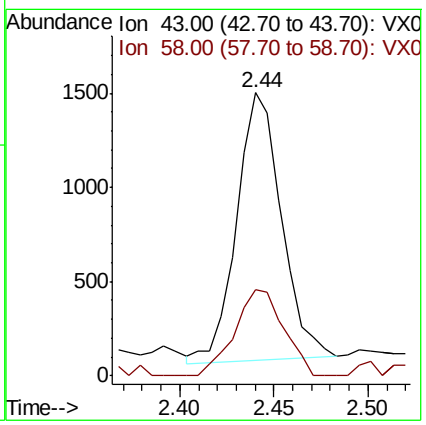


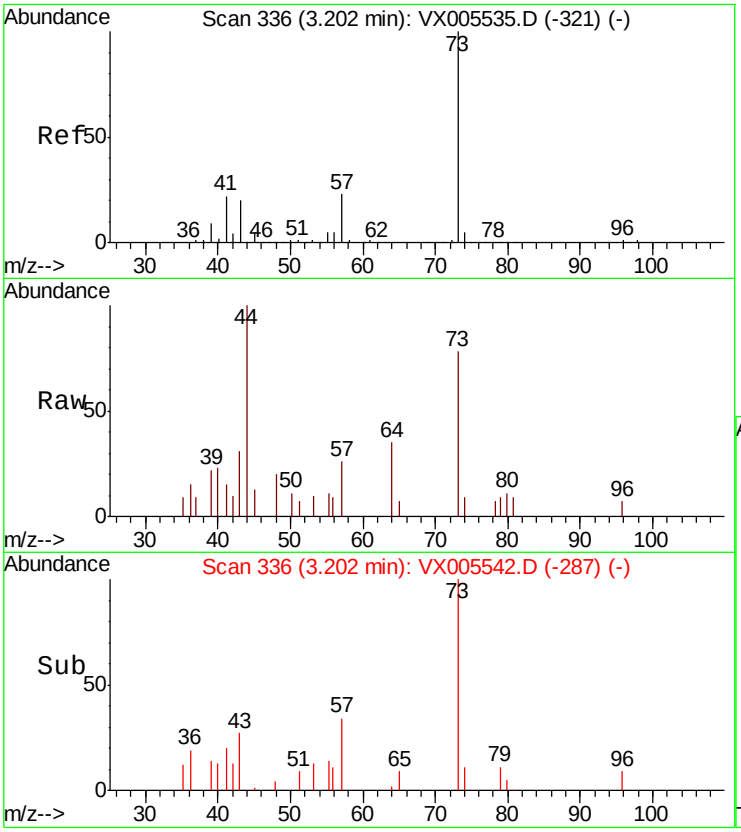


#16
Acetone
Concen: 1.871 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion: 43 Resp: 2341

Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.2	39.4



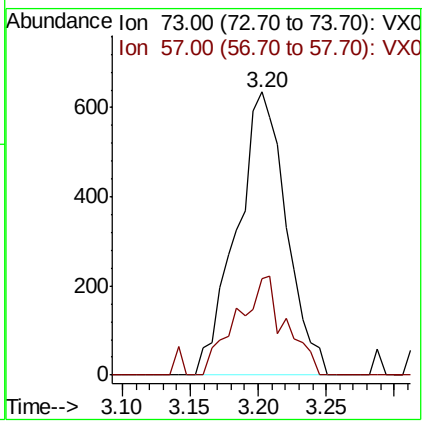


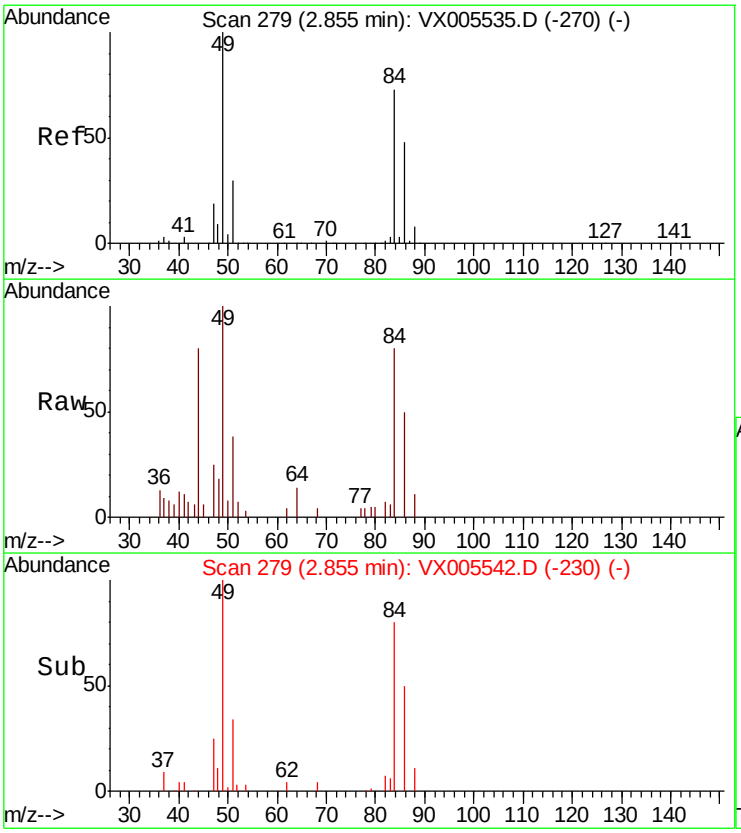
#19
Methyl tert-butyl Ether
Concen: 0.250 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Instrument : MSVOA_X
ClientSampleId : S37-TB-2018-1

Tgt Ion: 73 Resp: 1626

Ion	Ratio	Lower	Upper
73	100		
57	34.0	17.1	25.7#

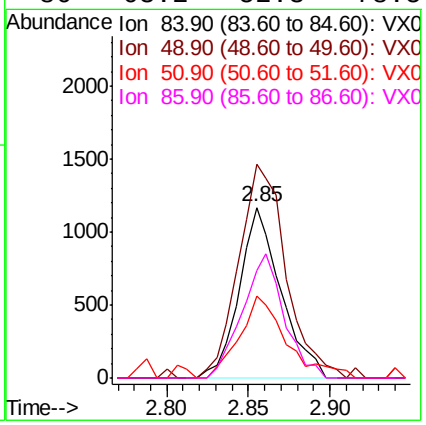


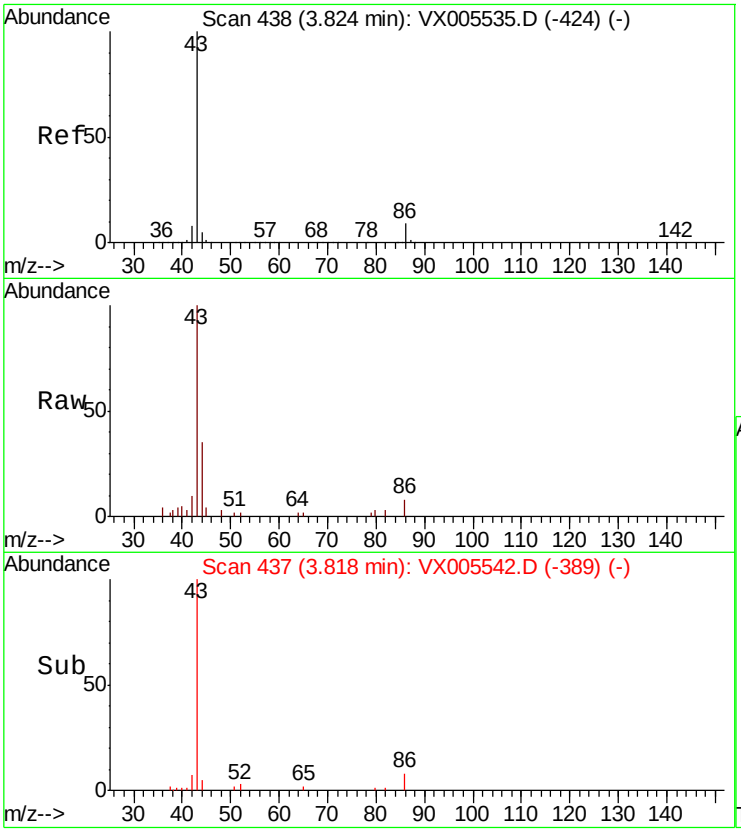


#20
Methylene Chloride
Concen: 0.988 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion: 84 Resp: 2070

Ion	Ratio	Lower	Upper
84	100		
49	125.4	101.2	151.8
51	42.8	29.5	44.3
86	63.2	52.3	78.5



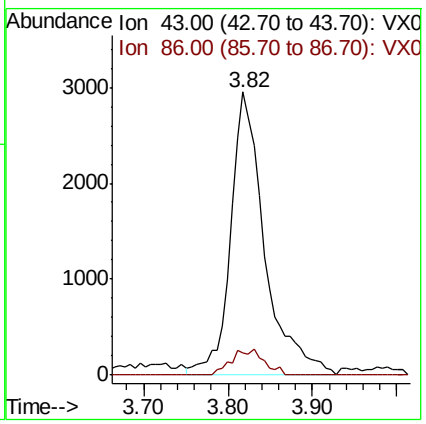


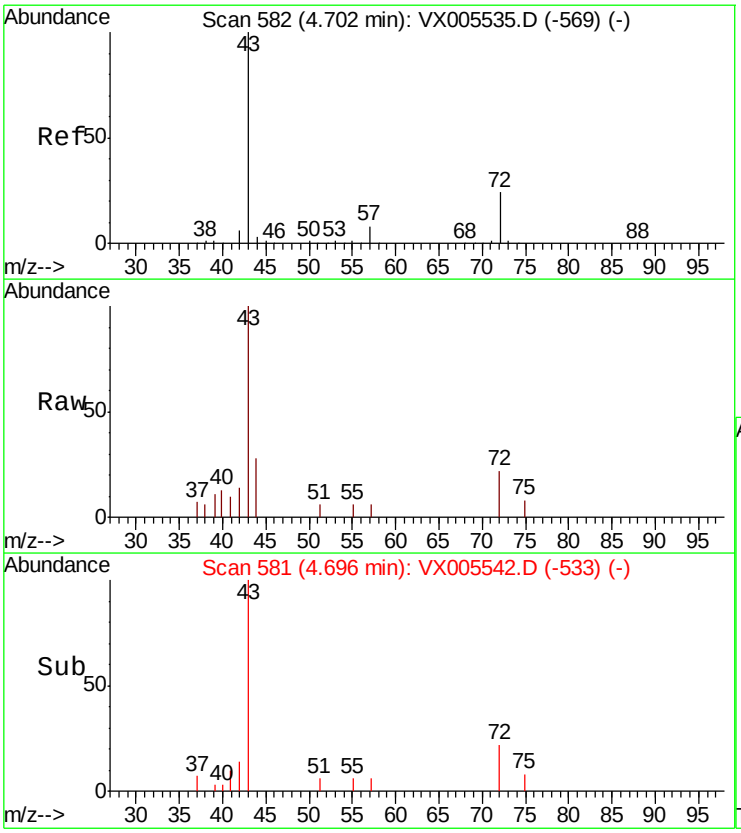
#23
Vinyl Acetate
Concen: 1.296 ug/l
RT: 3.82 min Scan# 437
Delta R.T. -0.01 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Instrument : MSVOA_X
ClientSampleId : S37-TB-2018-1

Tgt Ion: 43 Resp: 8099

Ion	Ratio	Lower	Upper
43	100		
86	7.9	8.9	13.3#

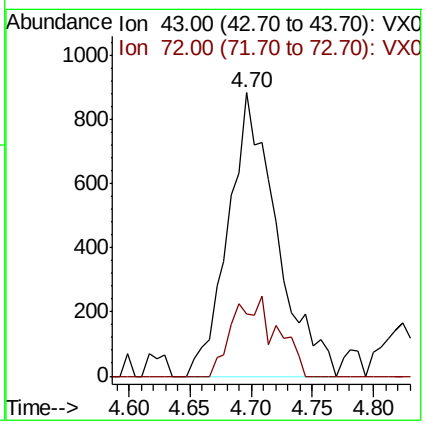


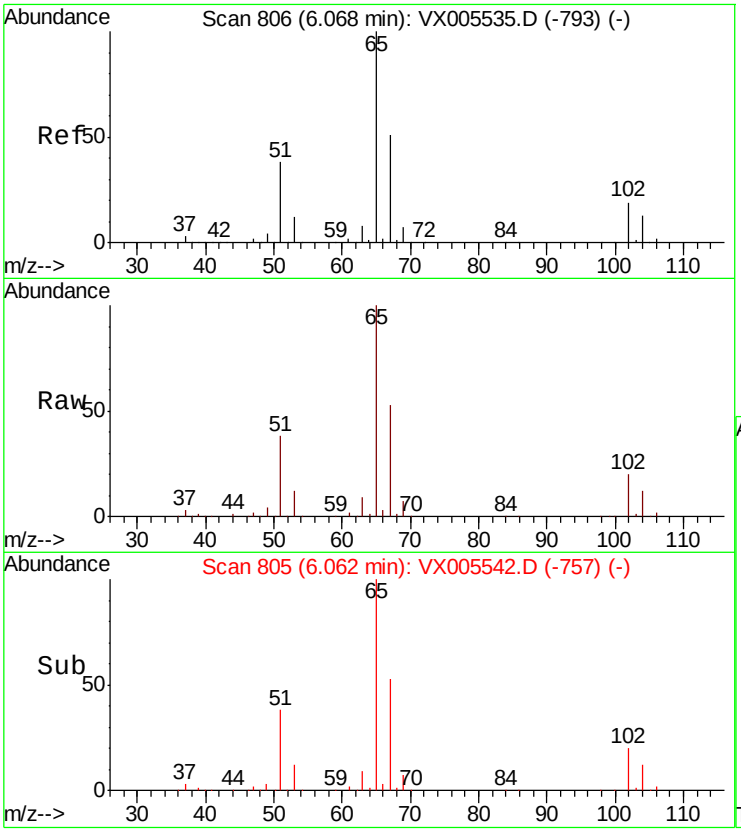


#25
2-Butanone
Concen: 1.278 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion: 43 Resp: 2434

Ion	Ratio	Lower	Upper
43	100		
72	21.9	22.0	33.0#



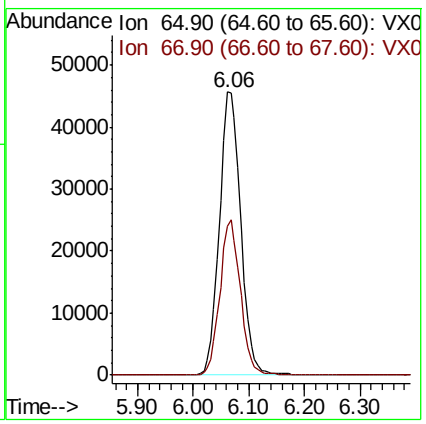


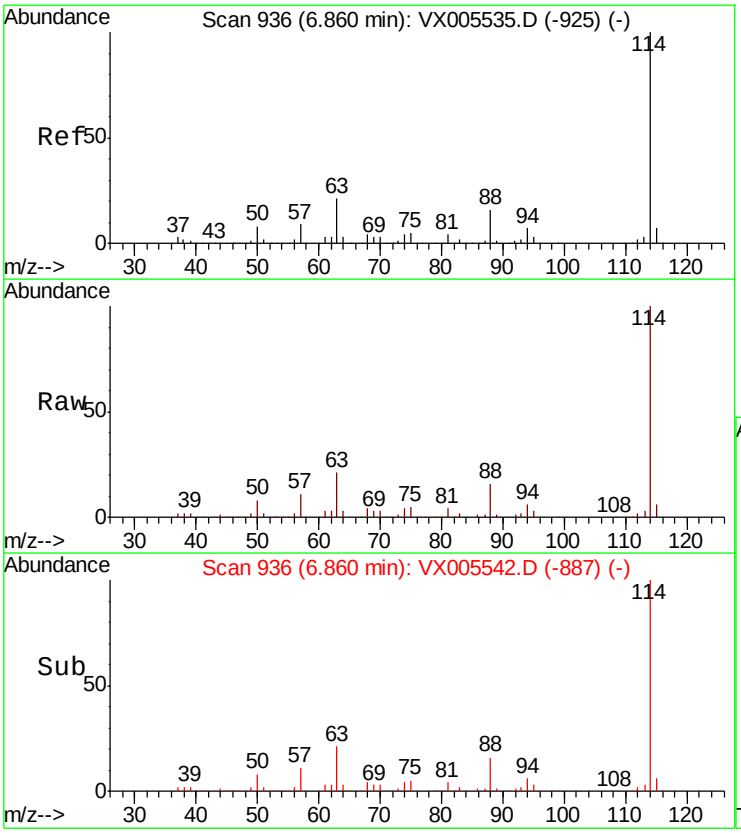
#33
1,2-Dichloroethane-d4
Concen: 51.265 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Instrument : MSVOA_X
ClientSampleId : S37-TB-2018-1

Tgt Ion: 65 Resp: 121380

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.8

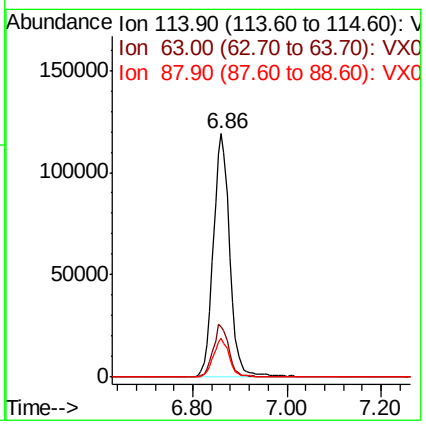


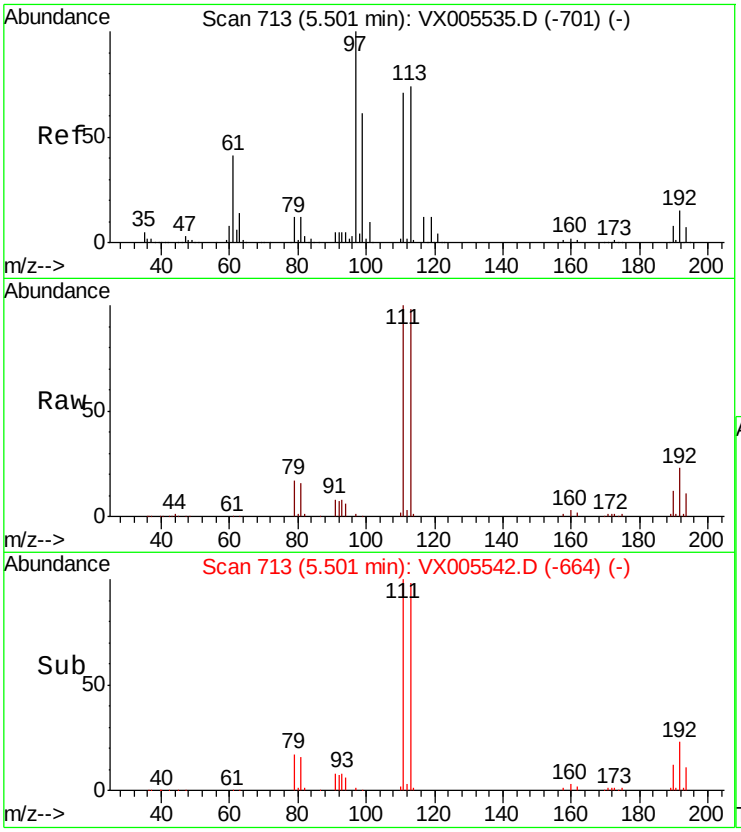


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion:114 Resp: 287451

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.0
88	16.0	0.0	30.4



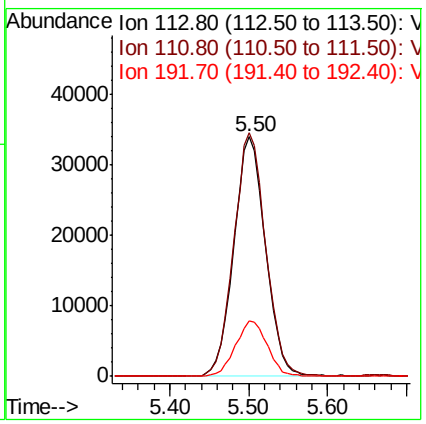


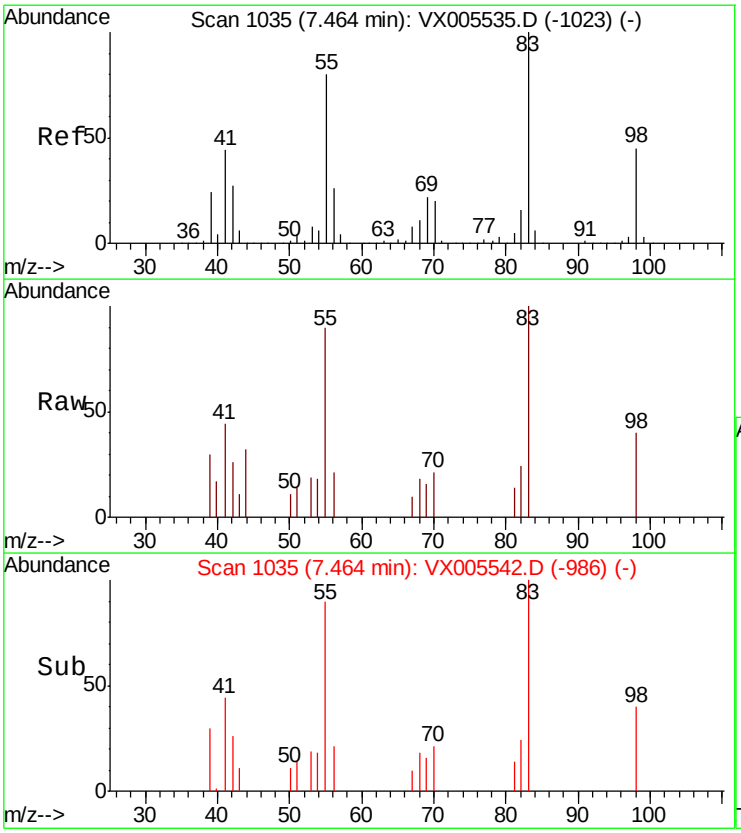
#35
Dibromofluoromethane
Concen: 48.741 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2018-1

Tgt Ion:113 Resp: 94868

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.4	123.6
192	23.2	19.4	29.2

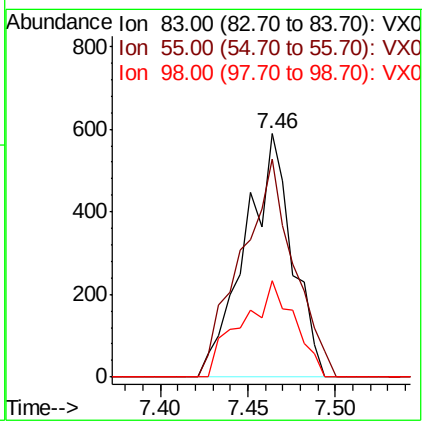


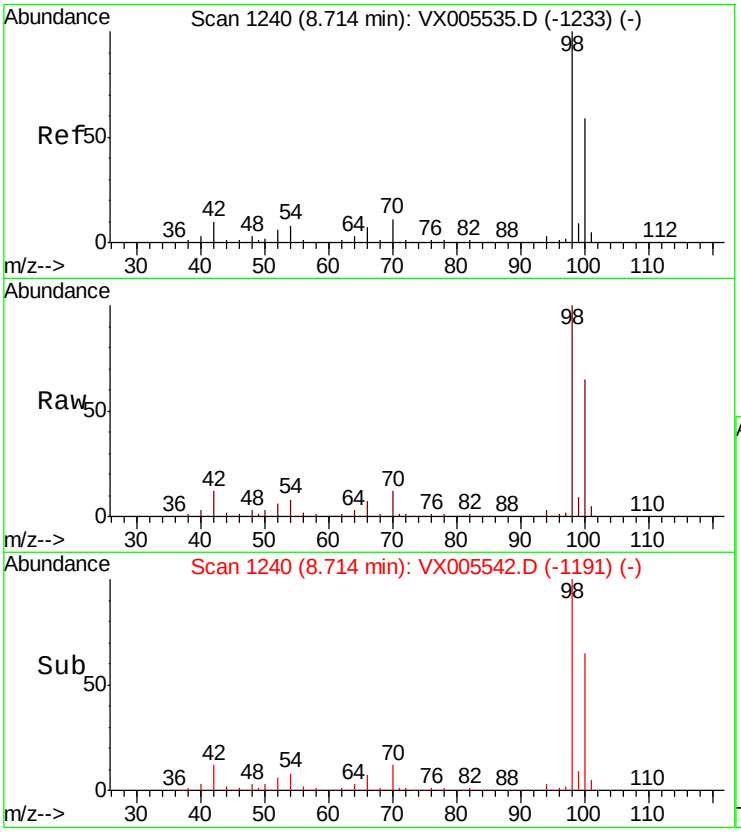


#39
Methylcyclohexane
Concen: 0.361 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion: 83 Resp: 1111

Ion	Ratio	Lower	Upper
83	100		
55	89.6	61.0	91.4
98	39.6	39.6	59.4#



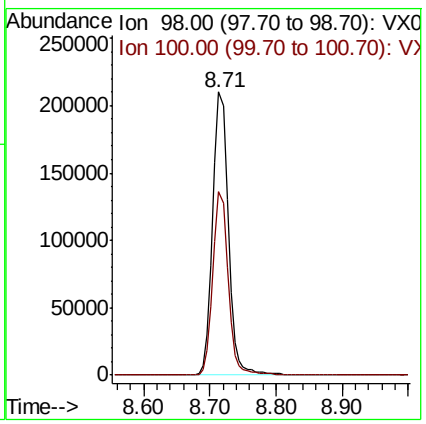


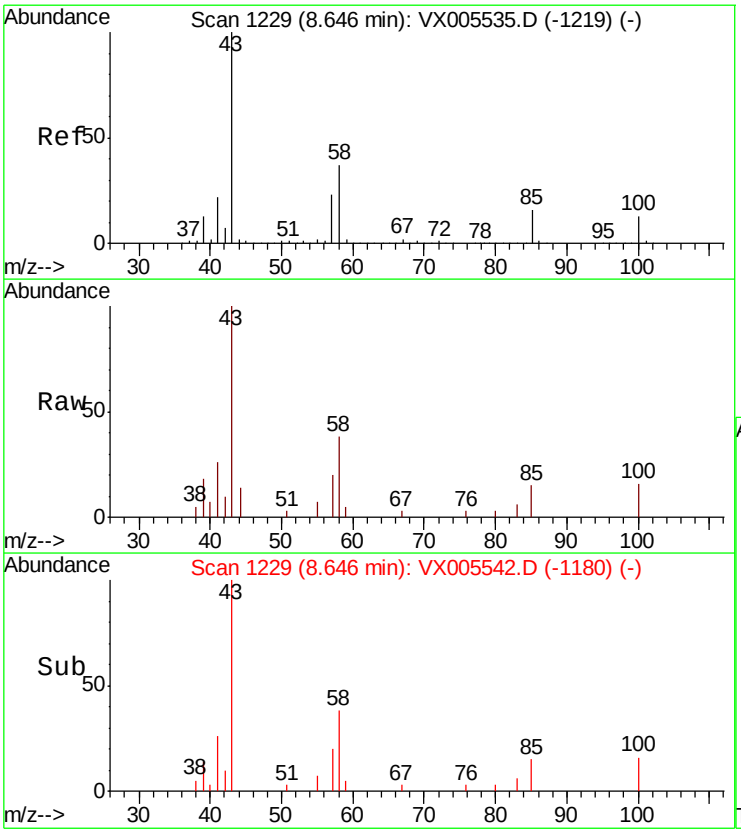
#50
Toluene-d8
Concen: 49.503 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2018-1

Tgt Ion: 98 Resp: 346214

Ion	Ratio	Lower	Upper
98	100		
100	62.8	52.9	79.3

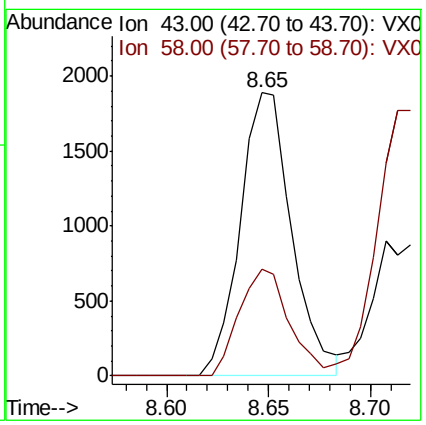


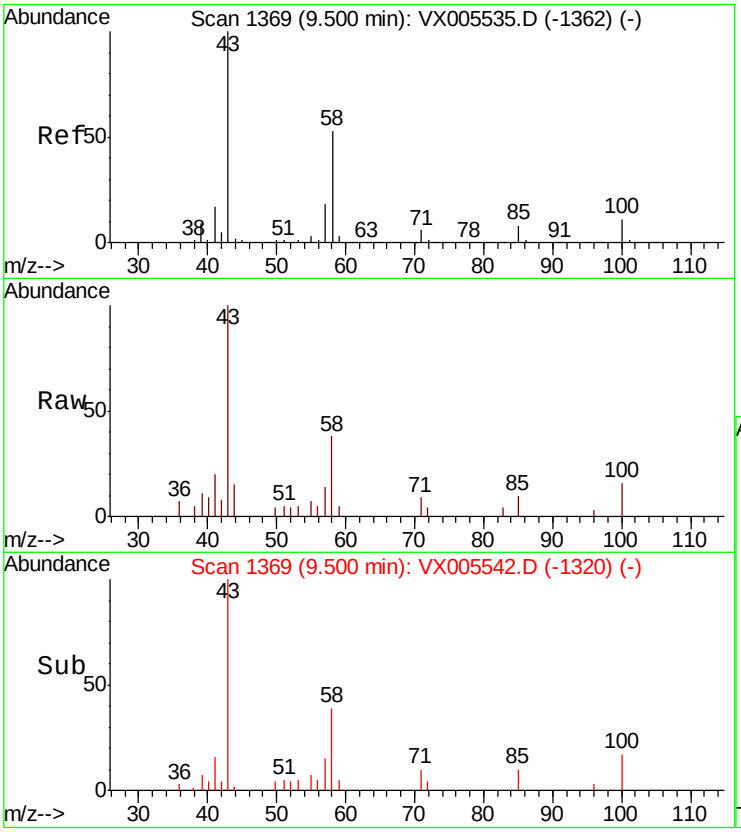


#51
4-Methyl-2-Pentanone
Concen: 0.927 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion: 43 Resp: 3322

Ion	Ratio	Lower	Upper
43	100		
58	36.2	33.1	49.7



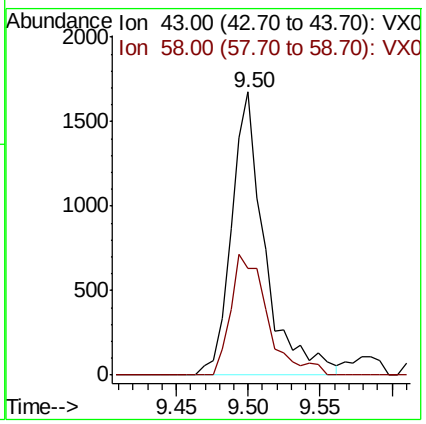


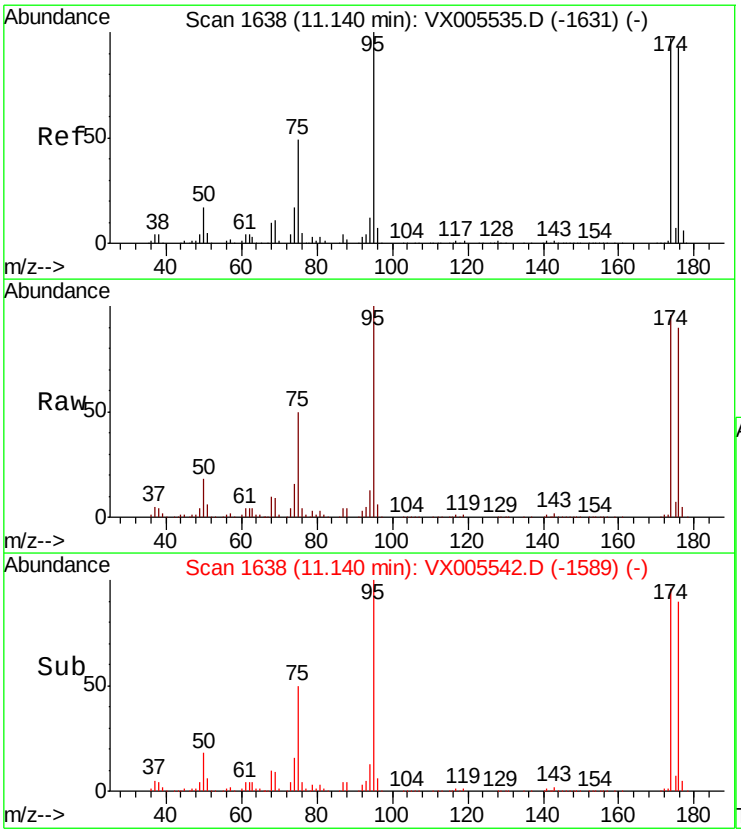
#59
2-Hexanone
Concen: 0.961 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2018-1

Tgt Ion: 43 Resp: 2716

Ion	Ratio	Lower	Upper
43	100		
58	46.6	29.0	87.0

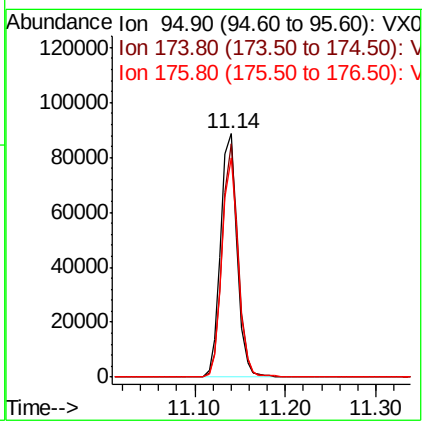


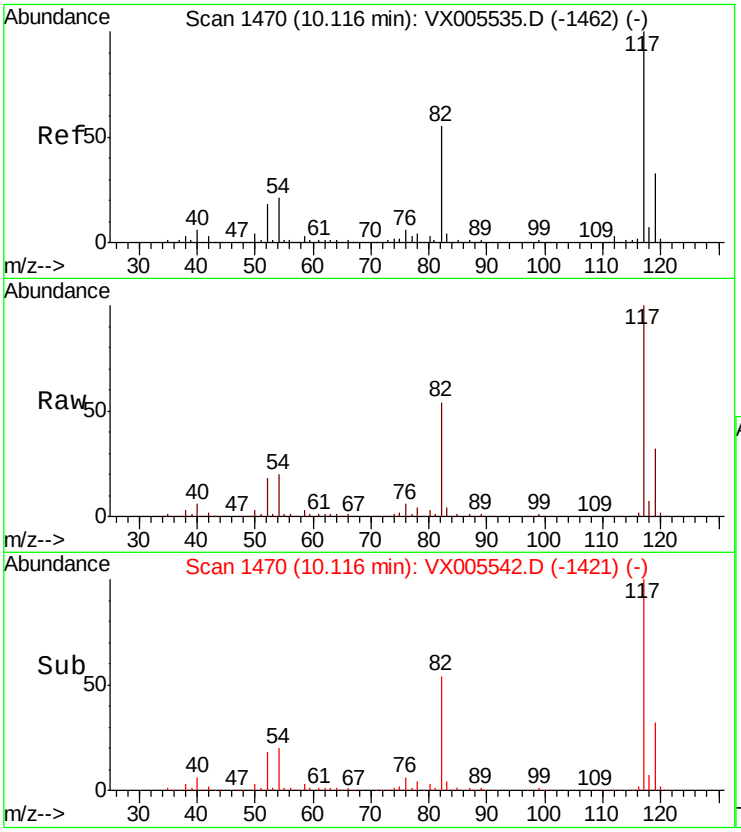


#62
4-Bromofluorobenzene
Concen: 42.882 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion: 95 Resp: 113257

Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	185.2
176	88.7	0.0	178.6



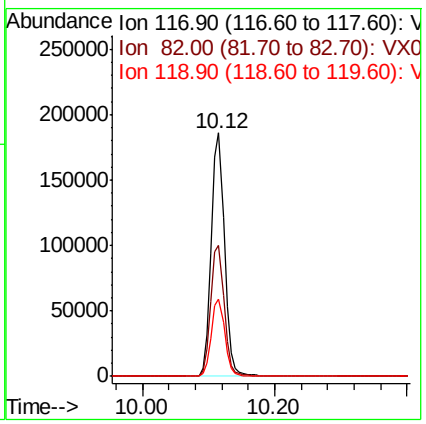


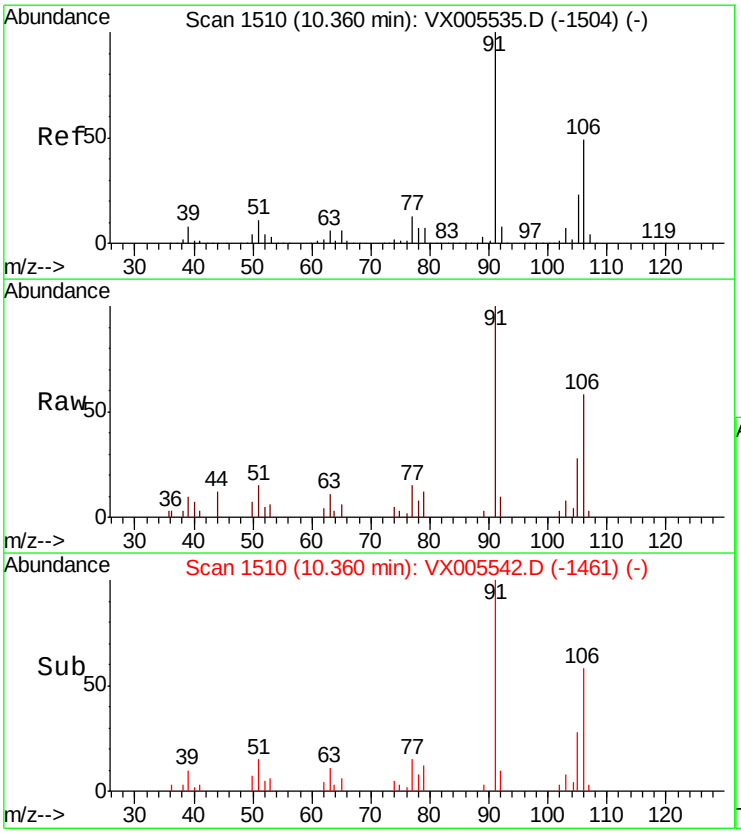
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2018-1

Tgt Ion:117 Resp: 256728

Ion	Ratio	Lower	Upper
117	100		
82	54.0	47.8	71.6
119	31.8	29.3	43.9

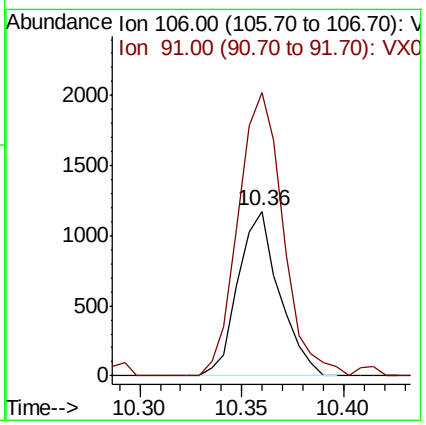


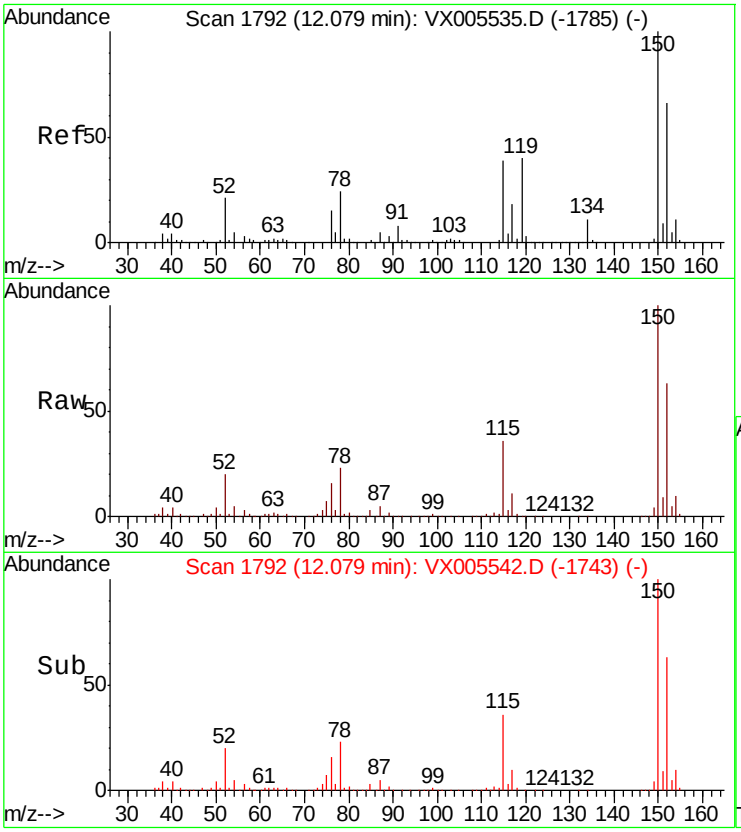


#68
m/p-Xylenes
Concen: 0.474 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion:106 Resp: 1654

Ion	Ratio	Lower	Upper
106	100		
91	187.2	157.1	235.7



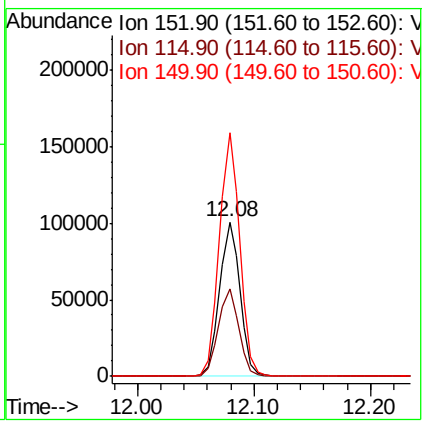


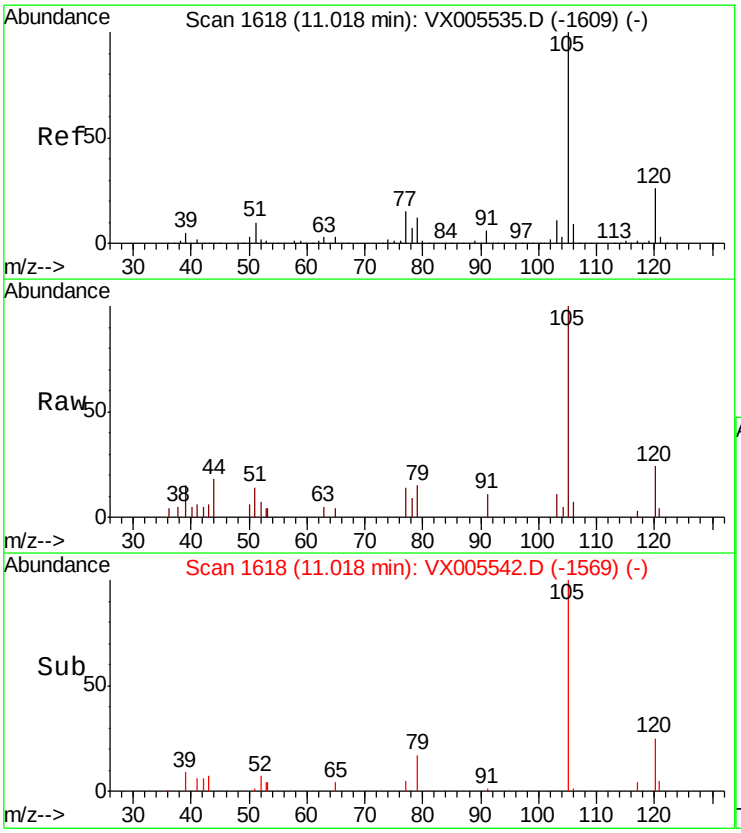
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Instrument : MSVOA_X
ClientSampleId : S37-TB-2018-1

Tgt Ion:152 Resp: 121744

Ion	Ratio	Lower	Upper
152	100		
115	56.9	39.0	117.0
150	157.7	0.0	351.0

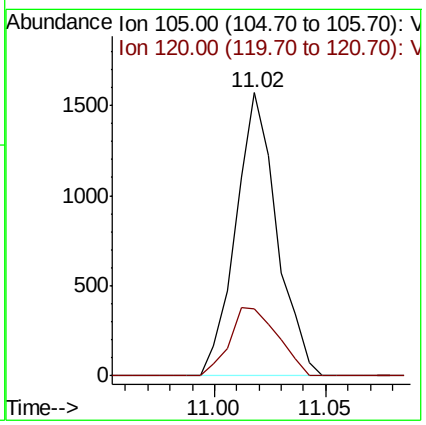


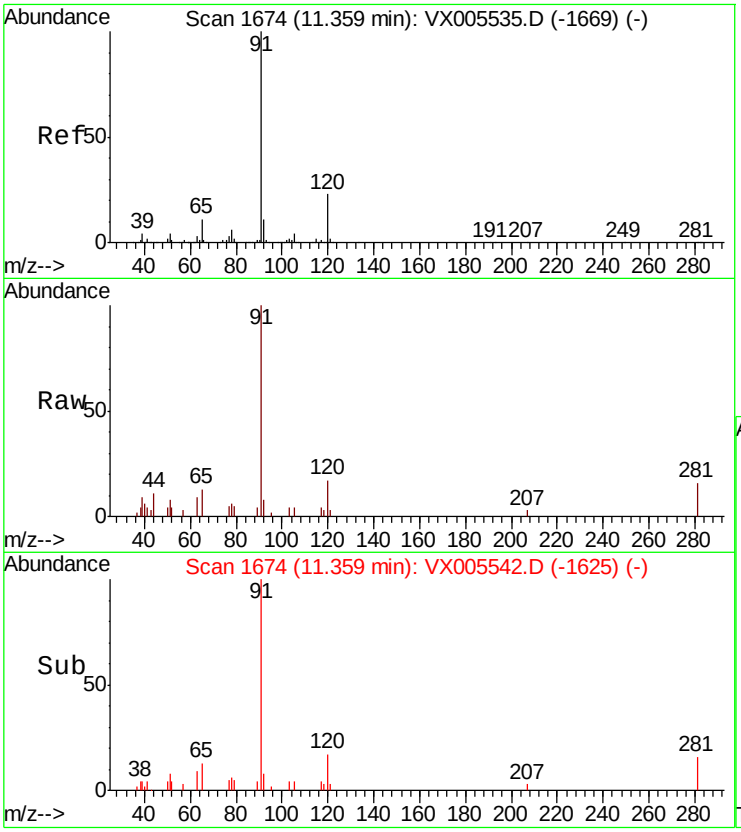


#73
Isopropylbenzene
Concen: 0.272 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion:105 Resp: 2023

Ion	Ratio	Lower	Upper
105	100		
120	28.2	13.5	40.4



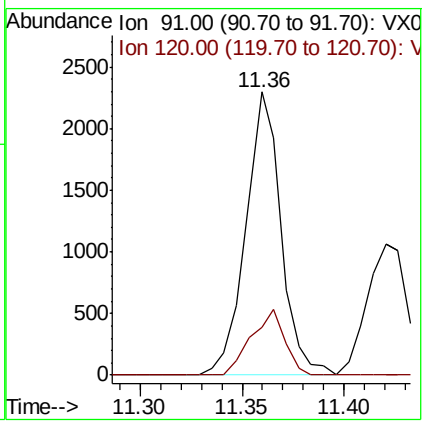


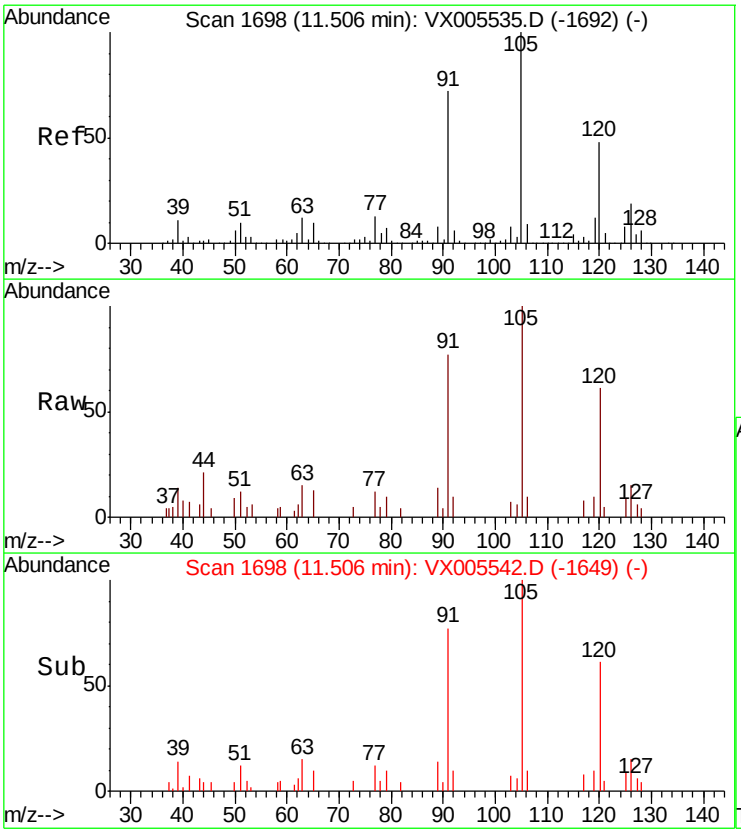
#78
n-propylbenzene
Concen: 0.324 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2018-1

Tgt Ion: 91 Resp: 2758

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.9	35.9

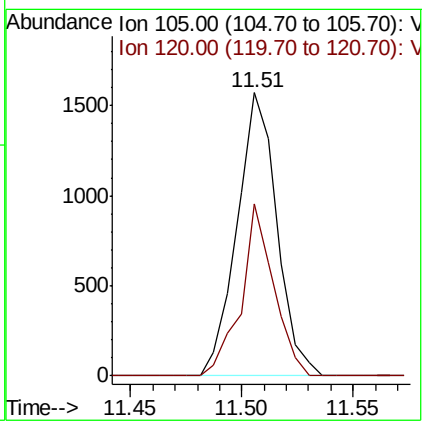


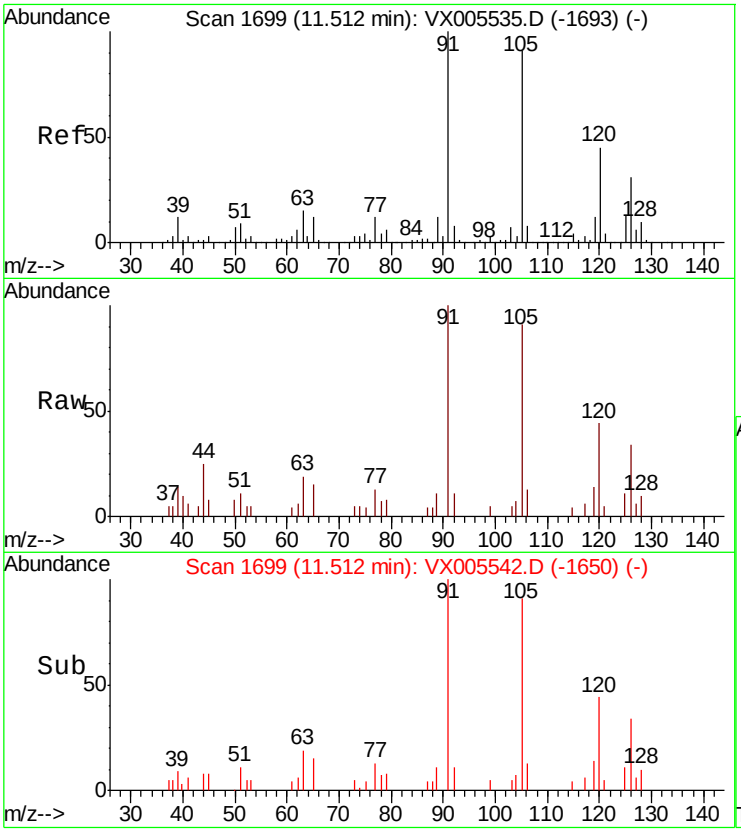


#80
1,3,5-Trimethylbenzene
Concen: 0.308 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion:105 Resp: 1963

Ion	Ratio	Lower	Upper
105	100		
120	49.6	25.6	76.8



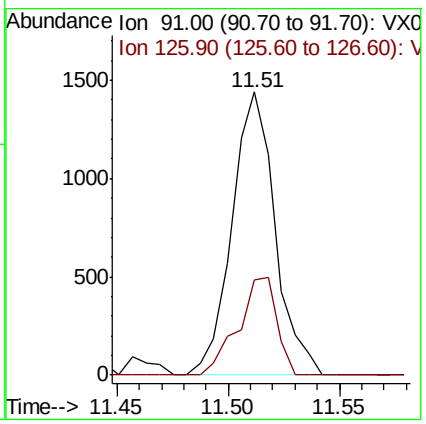


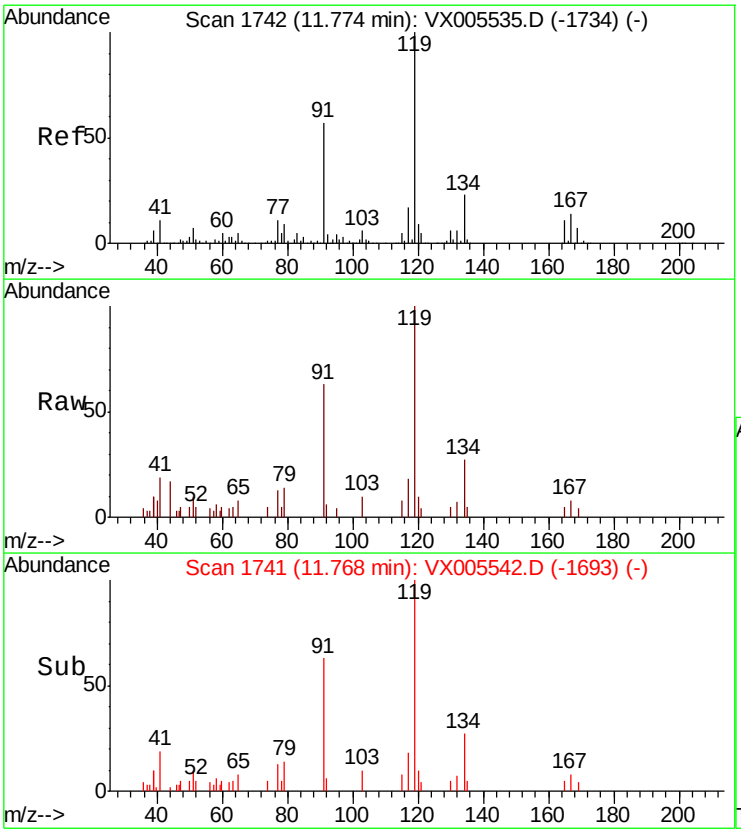
#82
4-Chlorotoluene
Concen: 0.313 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Instrument : MSVOA_X
ClientSampleId : S37-TB-2018-1

Tgt Ion: 91 Resp: 1945

Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.5	46.5

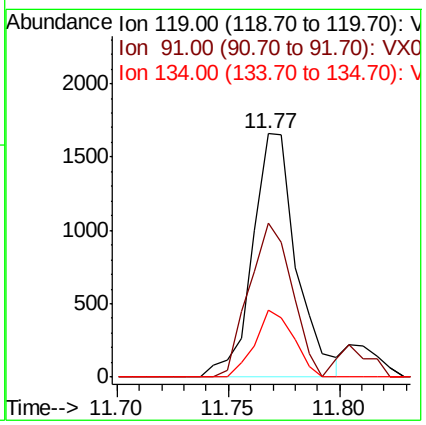


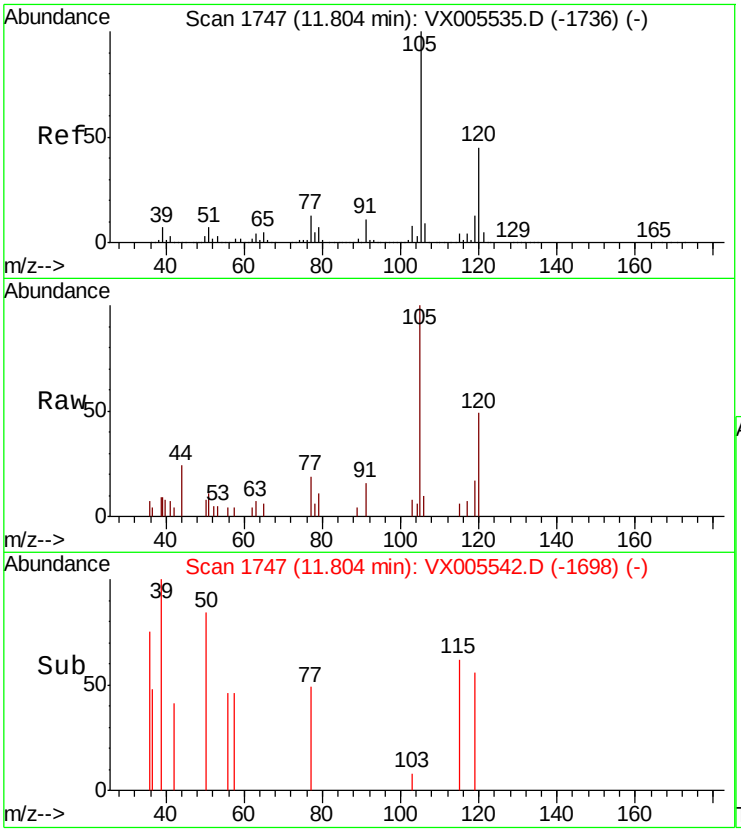


#83
tert-Butylbenzene
Concen: 0.359 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion:119 Resp: 2279

Ion	Ratio	Lower	Upper
119	100		
91	62.2	27.0	81.0
134	24.0	11.7	35.1



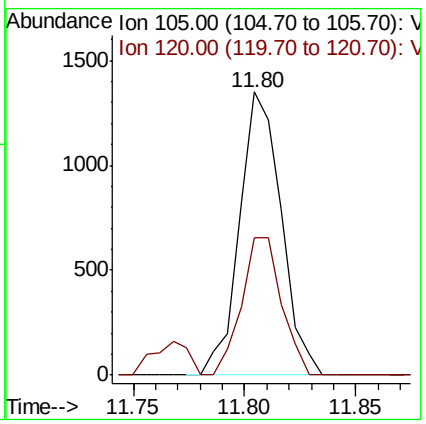


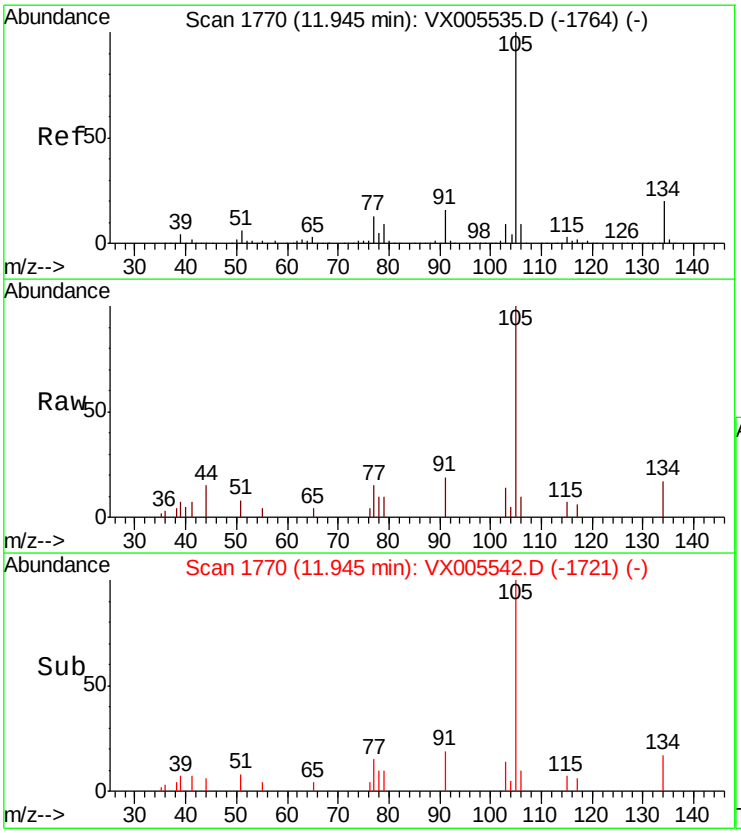
#84
1,2,4-Trimethylbenzene
Concen: 0.273 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2018-1

Tgt Ion:105 Resp: 1761

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.2	69.6

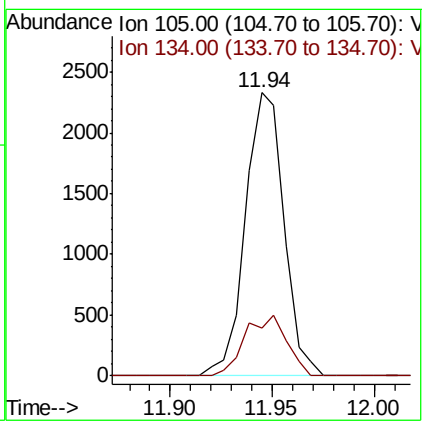


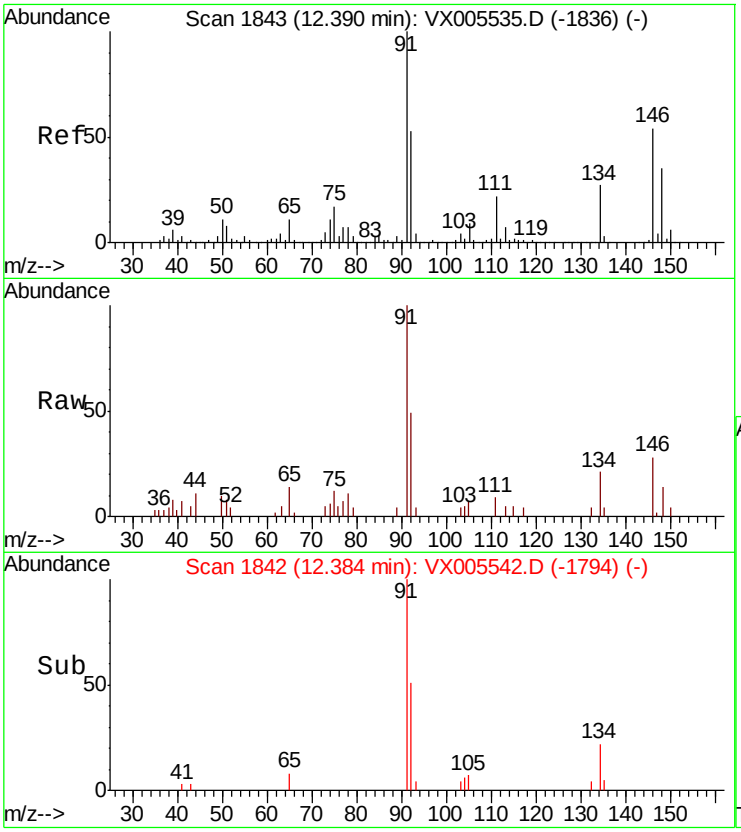


#85
sec-Butylbenzene
Concen: 0.404 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion:105 Resp: 3061

Ion	Ratio	Lower	Upper
105	100		
134	23.2	10.5	31.5



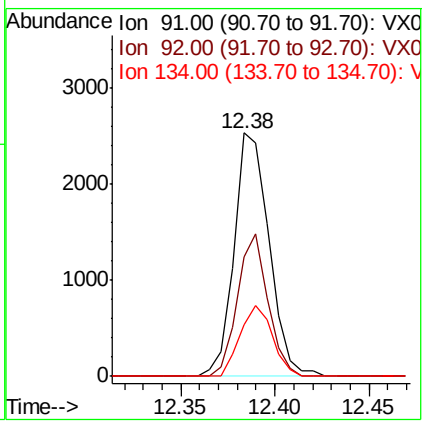


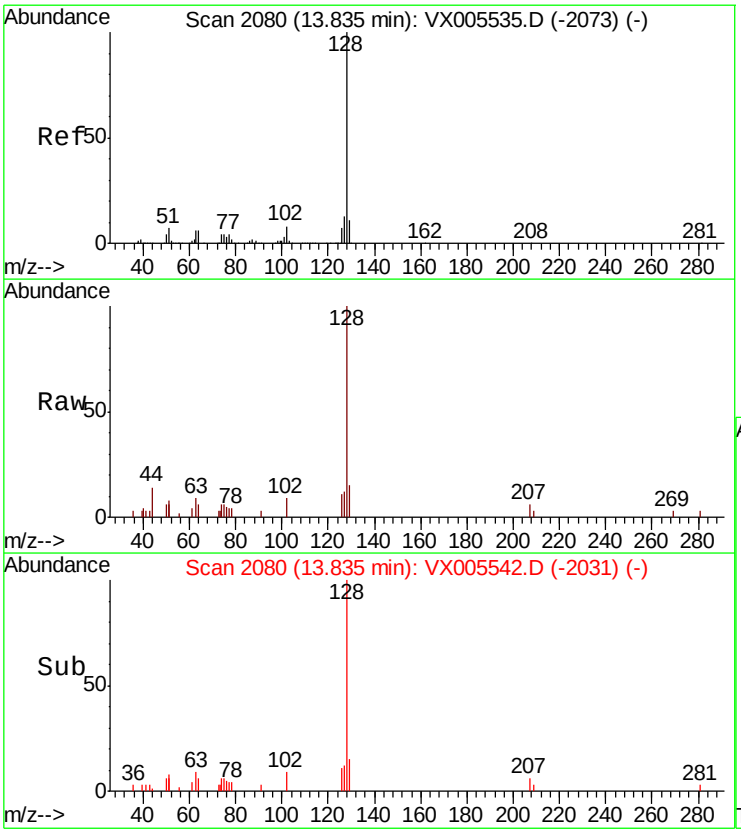
#89
n-Butylbenzene
Concen: 0.533 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2018-1

Tgt Ion: 91 Resp: 3260

Ion	Ratio	Lower	Upper
91	100		
92	50.7	27.3	81.9
134	27.0	13.6	40.7





#95
Naphthalene
Concen: 0.336 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion:128 Resp: 2790

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	13.4	8.6	12.8#