Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007769.D
Acq On : 21 Dec 2018 00:53
Operator : SY/AP
Sample : J6423-01
Misc : 3.64G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : S32-0638

Quant Time: Dec 21 05:11:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	12469	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	20321	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	18350	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	8631	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	6194	45.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.64%				
35) Dibromofluoromethane	7.88	113	5292	42.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.38%				
50) Toluene-d8	10.33	98	18936	40.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 81.04%				
62) 4-Bromofluorobenzene	12.62	95	8096	44.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.68%				
Target Compounds							Qvalue
4) Vinyl Chloride	2.36	62	13938	160.861	ug/l		93
16) Acetone	4.13	43	1430	55.877	ug/l		96
27) cis-1,2-Dichloroethene	7.17	96	18897	131.094	ug/l		93
44) Trichloroethene	9.09	130	4480	28.305	ug/l		82
52) Toluene	10.38	92	1485	4.229	ug/l		96
67) Ethyl Benzene	11.73	91	6331	9.289	ug/l	#	86
68) m/p-Xylenes	11.85	106	3772	14.267	ug/l		99
69) o-Xylene	12.16	106	1500	6.053	ug/l		99
73) Isopropylbenzene	12.47	105	2333	3.576	ug/l		98
78) n-propylbenzene	12.81	91	5986	7.882	ug/l		94
80) 1,3,5-Trimethylbenzene	12.94	105	5170	9.187	ug/l		96
84) 1,2,4-Trimethylbenzene	13.26	105	7774	13.690	ug/l		97
85) sec-Butylbenzene	13.39	105	1418	2.084	ug/l		83
95) Naphthalene	15.38	128	5411	15.863	ug/l		96

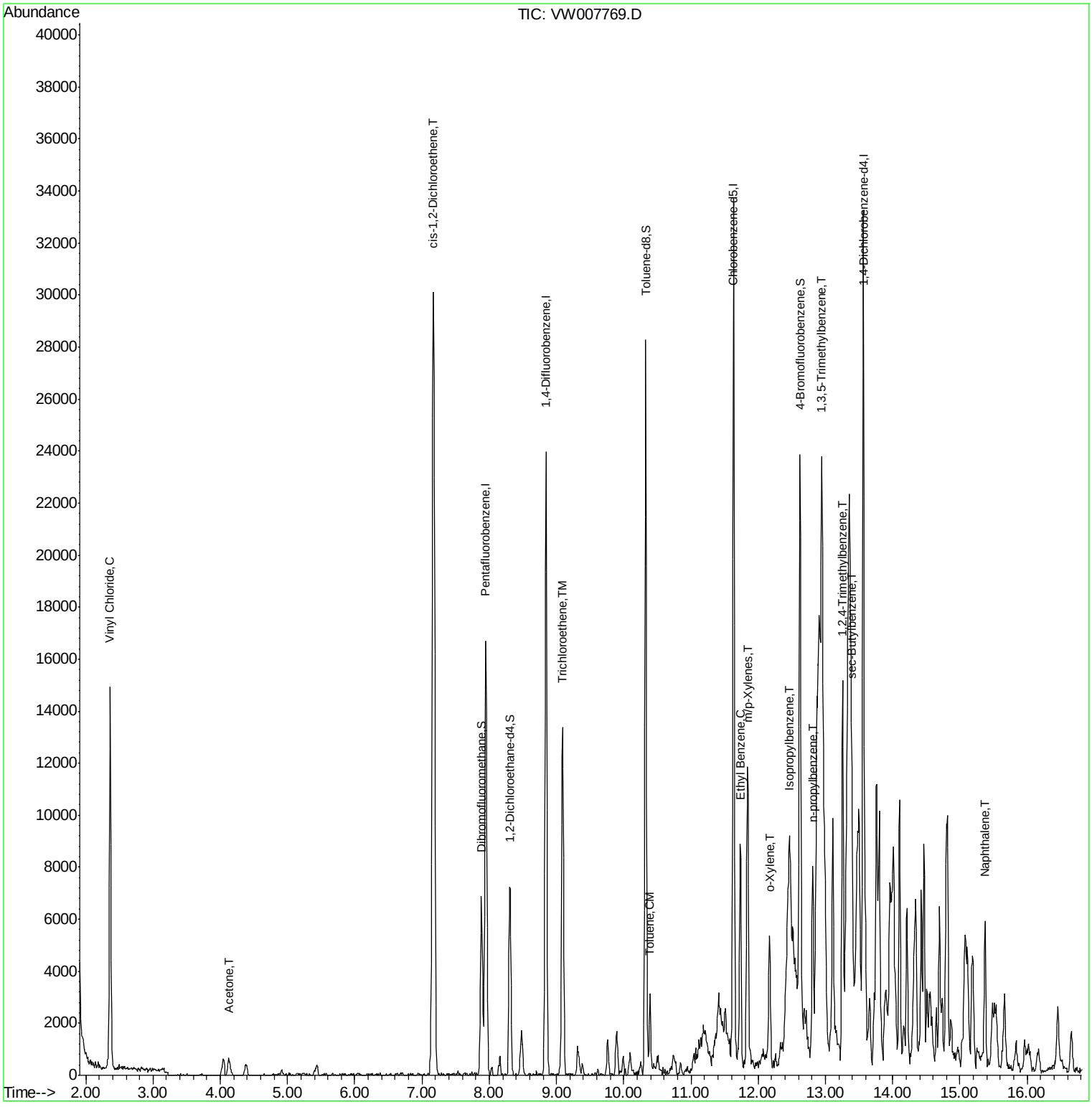
(#) = qualifier out of range (m) = manual integration (+) = signals summed

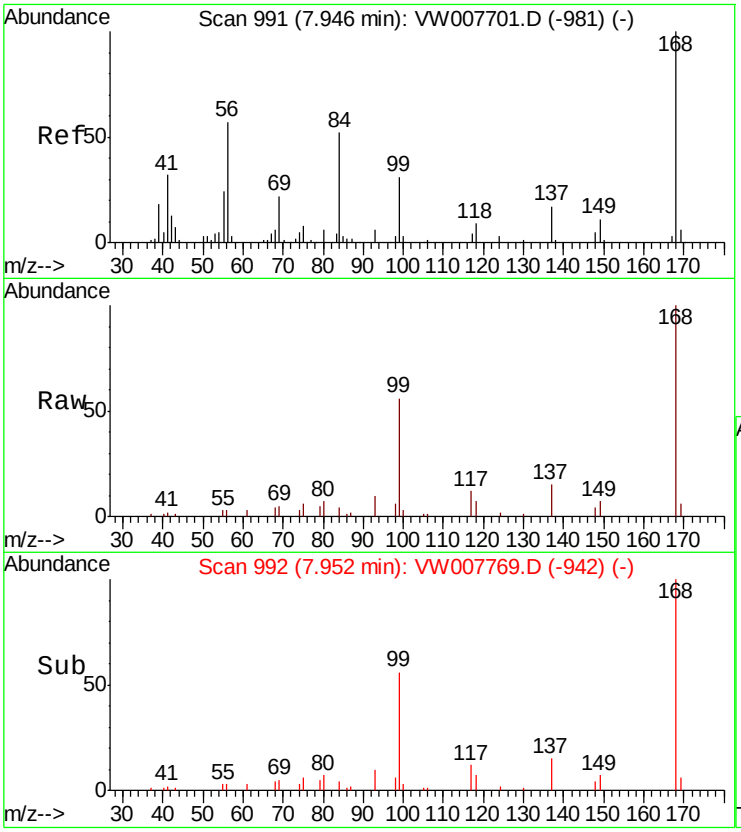
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007769.D
Acq On : 21 Dec 2018 00:53
Operator : SY/AP
Sample : J6423-01
Misc : 3.64G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S32-0638

Quant Time: Dec 21 05:11:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration



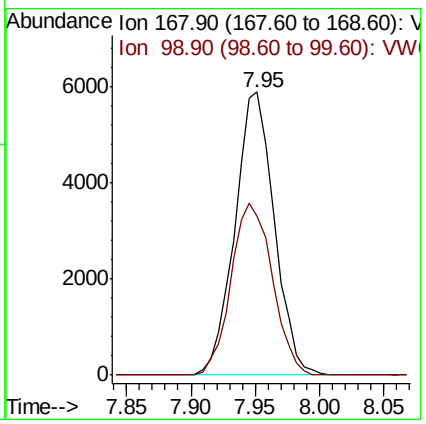


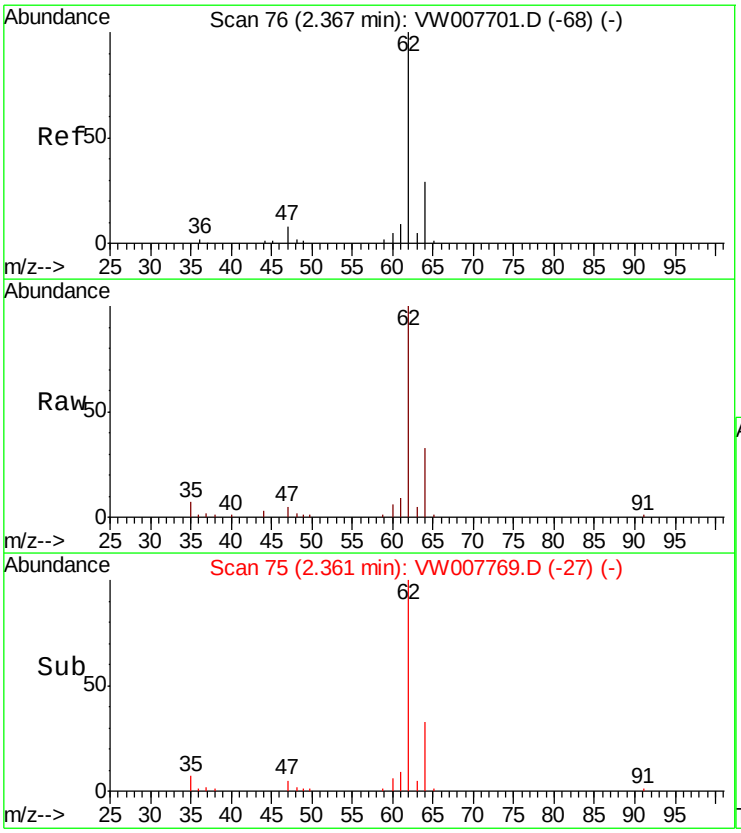
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.01 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Instrument :
MSVOA_W
ClientSampleId :
S32-0638

Tgt Ion:168 Resp: 12469

Ion	Ratio	Lower	Upper
168	100		
99	56.1	54.0	81.0

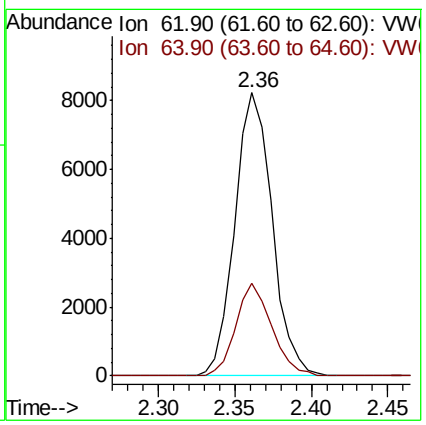


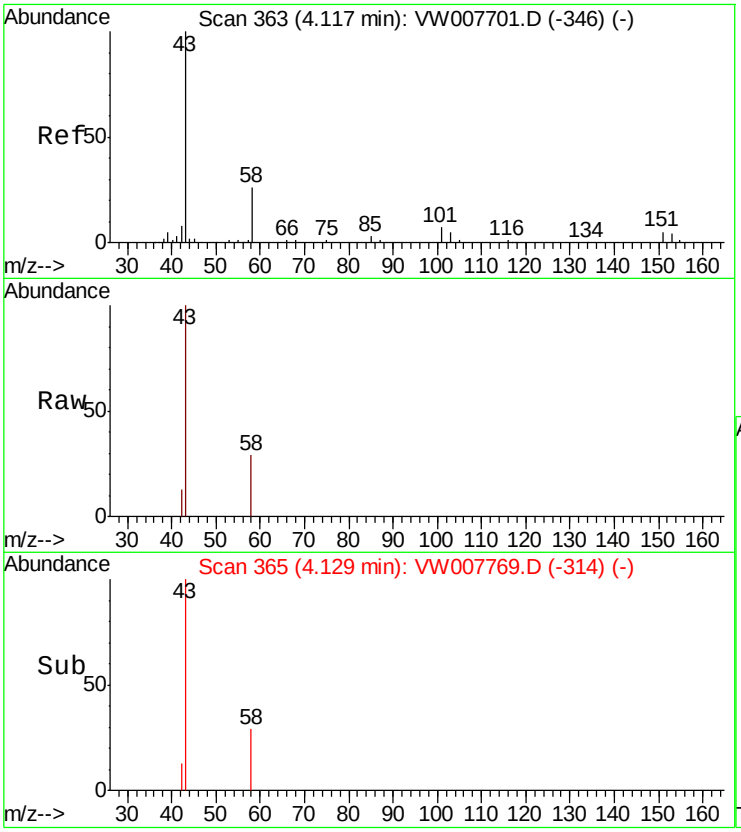


#4
Vinyl Chloride
Concen: 160.861 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.01 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Tgt Ion: 62 Resp: 13938

Ion	Ratio	Lower	Upper
62	100		
64	32.9	23.4	35.0



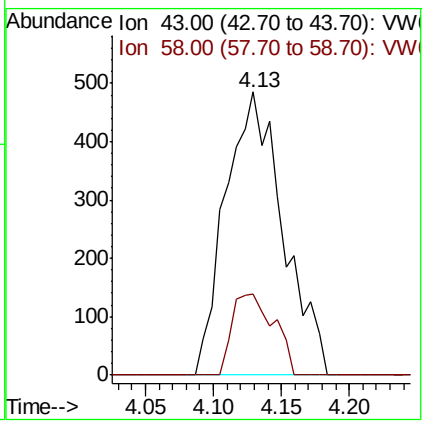


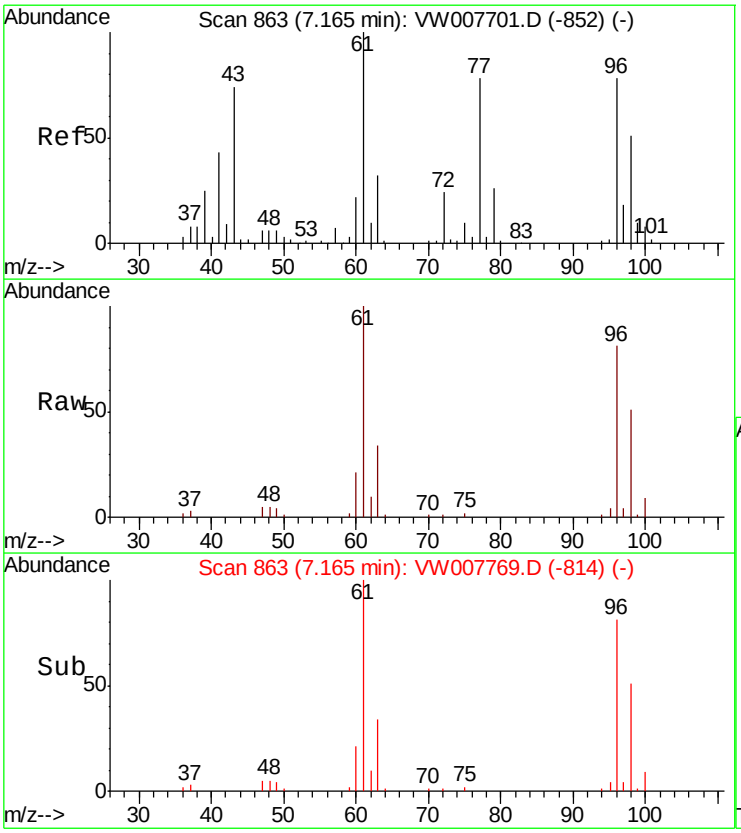
#16
Acetone
Concen: 55.877 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Instrument : MSVOA_W
ClientSampleId : S32-0638

Tgt Ion: 43 Resp: 1430

Ion	Ratio	Lower	Upper
43	100		
58	28.7	21.2	31.8

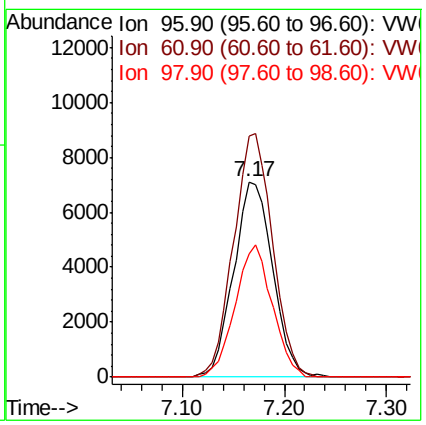


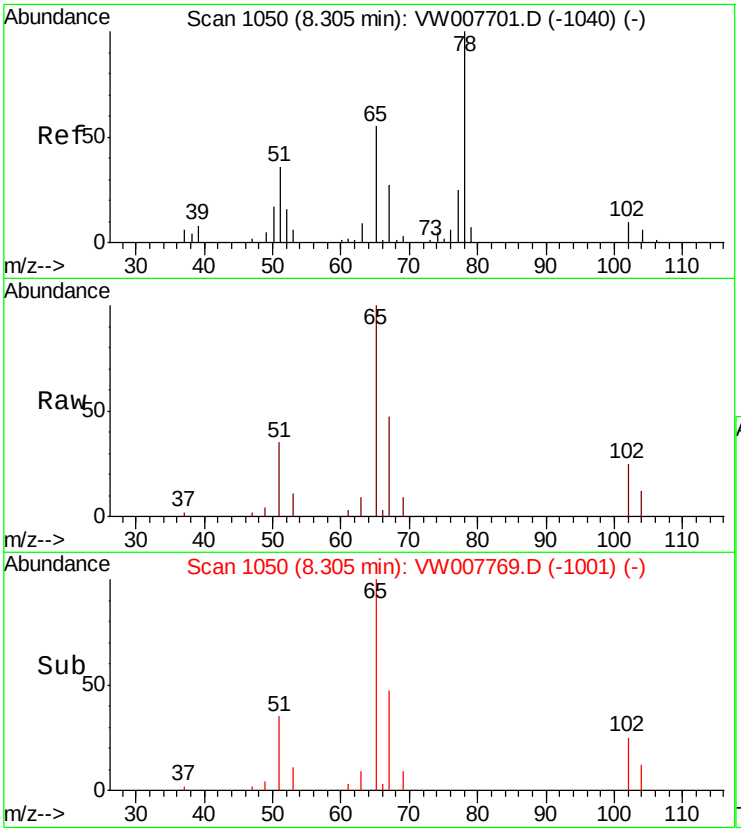


#27
cis-1,2-Dichloroethene
Concen: 131.094 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Tgt Ion: 96 Resp: 18897

Ion	Ratio	Lower	Upper
96	100		
61	124.3	0.0	271.6
98	64.3	0.0	131.2



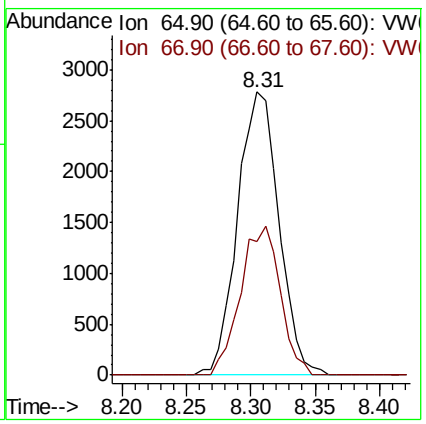


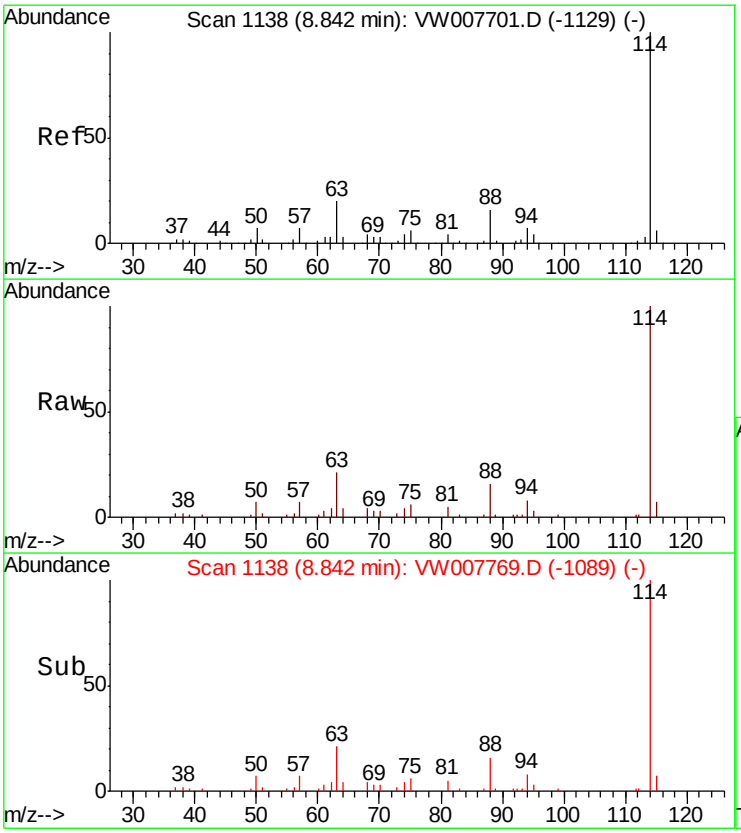
#33
1,2-Dichloroethane-d4
Concen: 45.322 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Instrument : MSVOA_W
ClientSampleId : S32-0638

Tgt Ion: 65 Resp: 6194

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	100.6

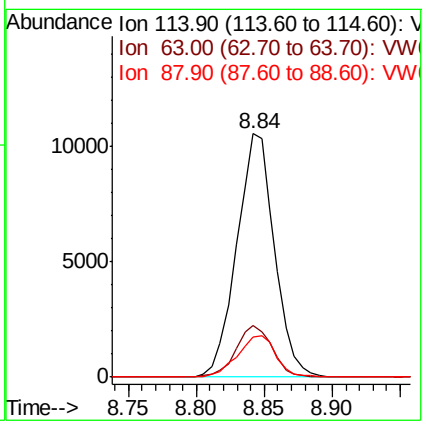


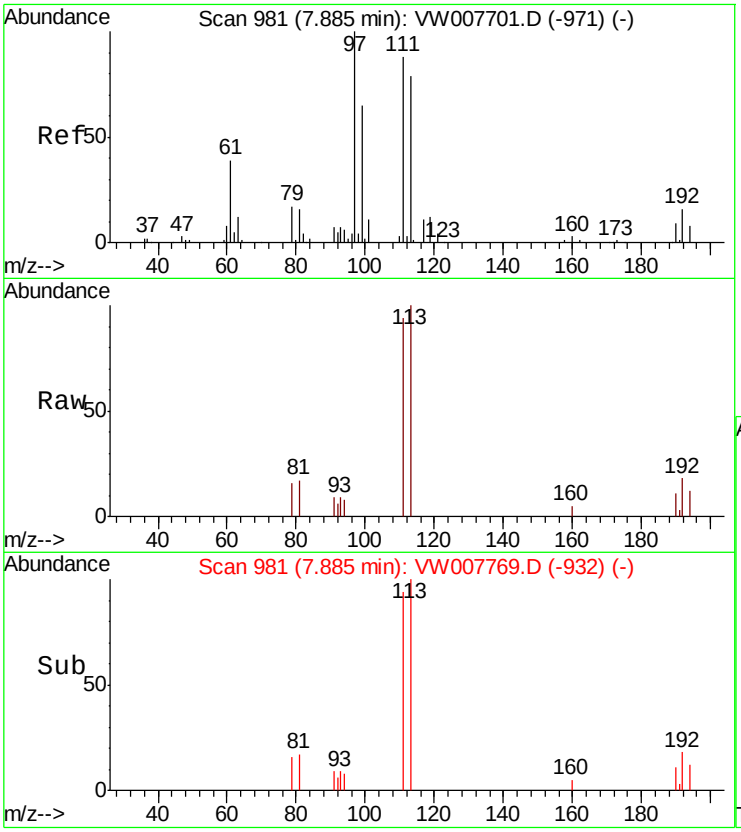


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Tgt Ion:114 Resp: 20321

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.0
88	16.4	0.0	32.6



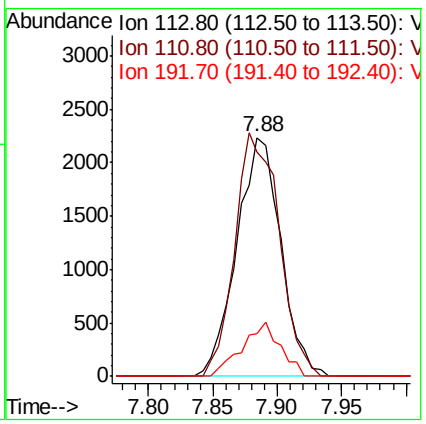


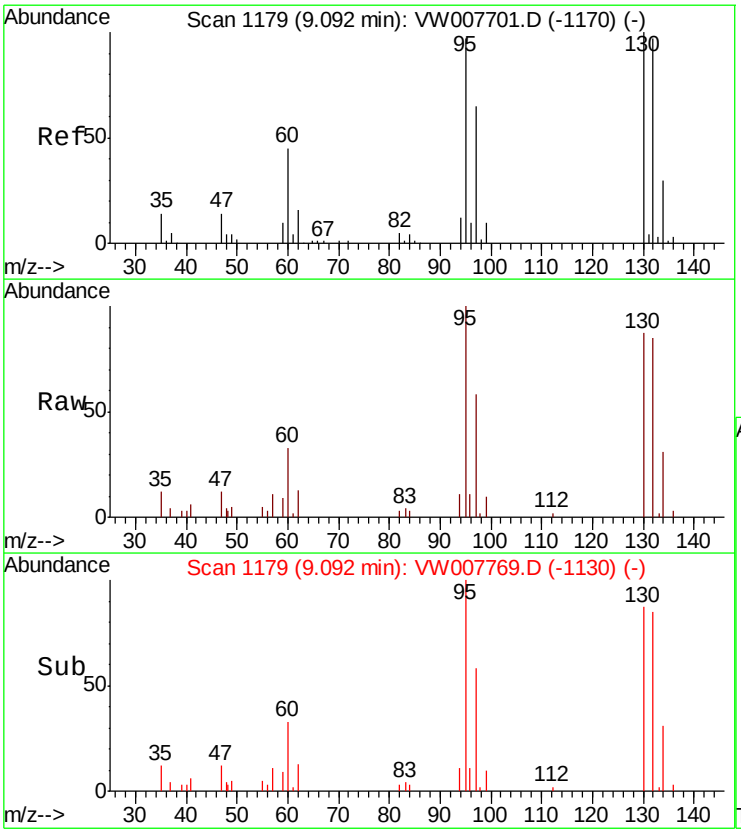
#35
Dibromofluoromethane
Concen: 42.688 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Instrument :
MSVOA_W
ClientSampleId :
S32-0638

Tgt Ion:113 Resp: 5292

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	124.0
192	19.7	15.5	23.3

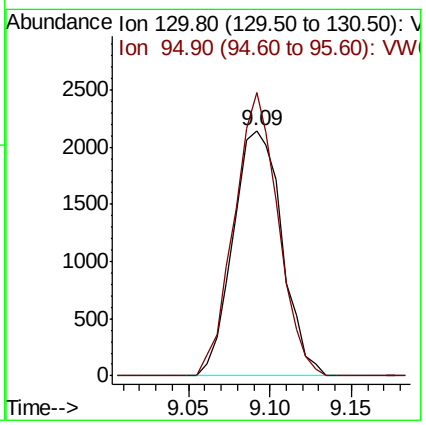


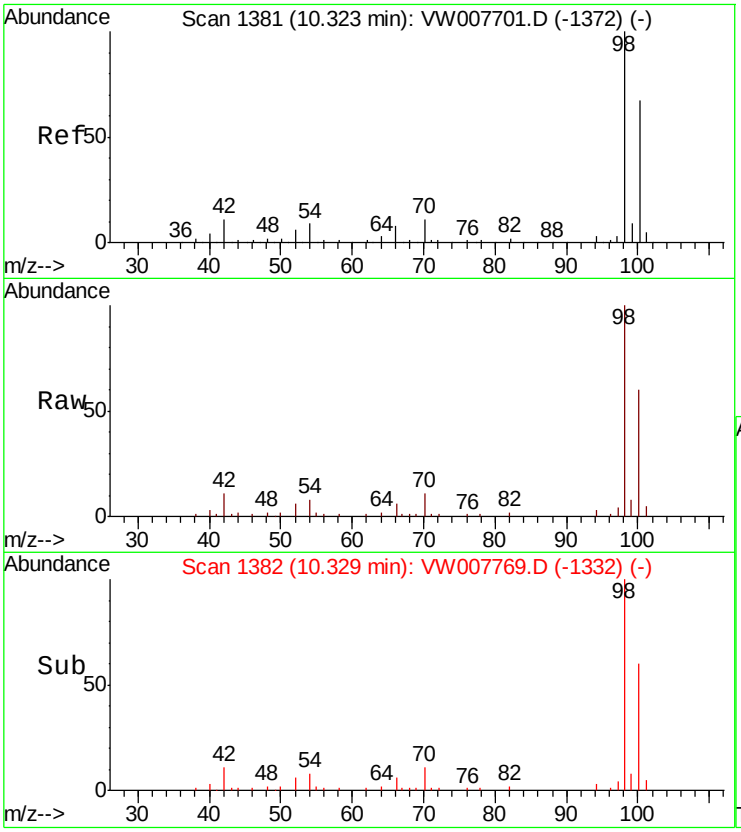


#44
Trichloroethene
Concen: 28.305 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Tgt Ion:130 Resp: 4480

Ion	Ratio	Lower	Upper
130	100		
95	115.3	0.0	194.8



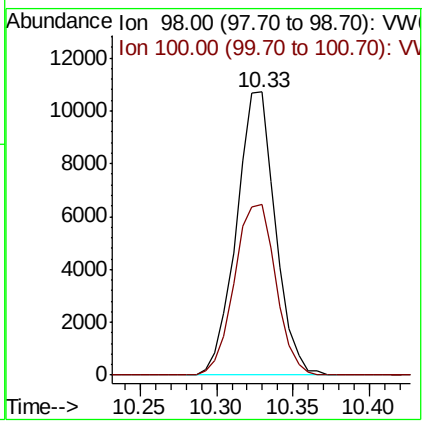


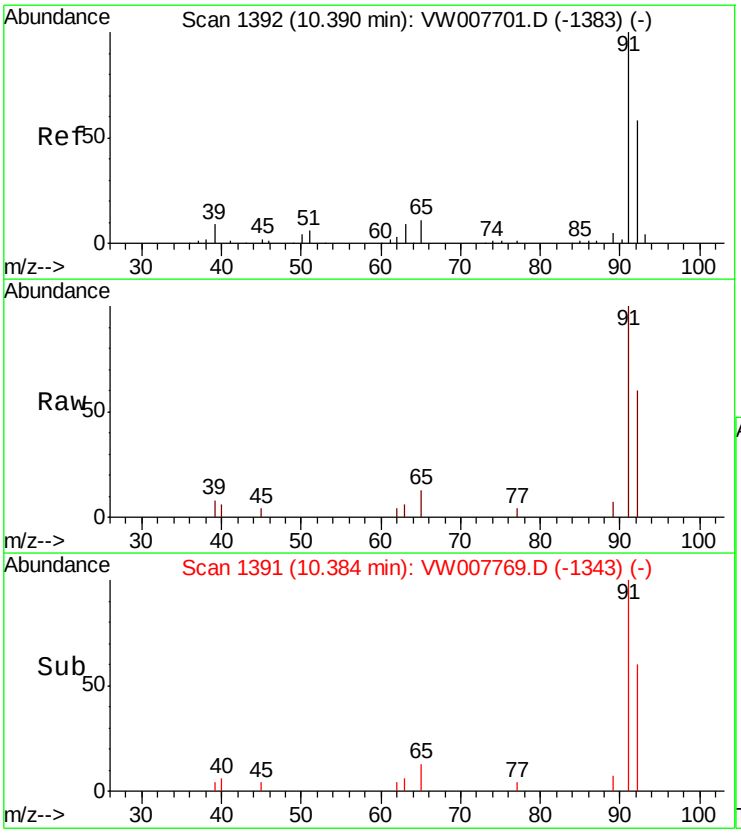
#50
Toluene-d8
Concen: 40.518 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Instrument : MSVOA_W
ClientSampleId : S32-0638

Tgt Ion: 98 Resp: 18936

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.2	78.2

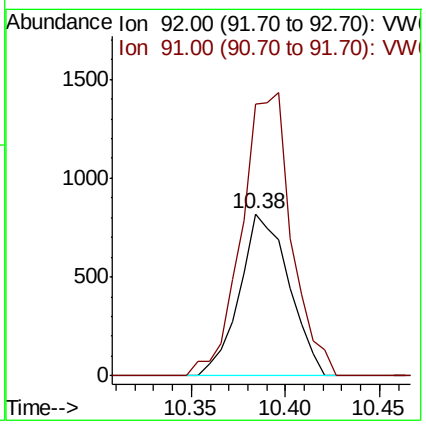


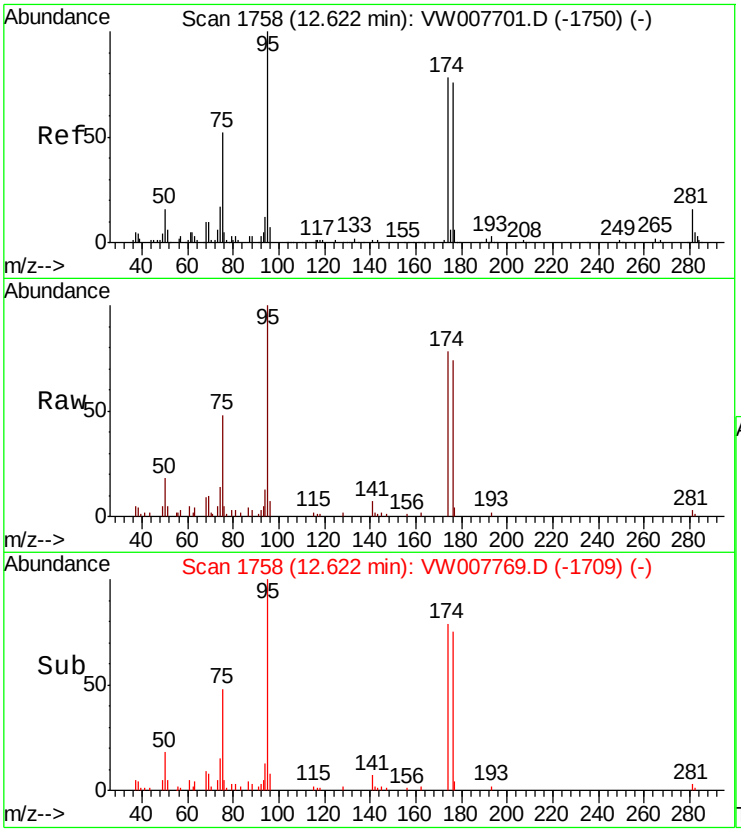


#52
Toluene
Concen: 4.229 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Tgt Ion: 92 Resp: 1485

Ion	Ratio	Lower	Upper
92	100		
91	176.8	137.0	205.4



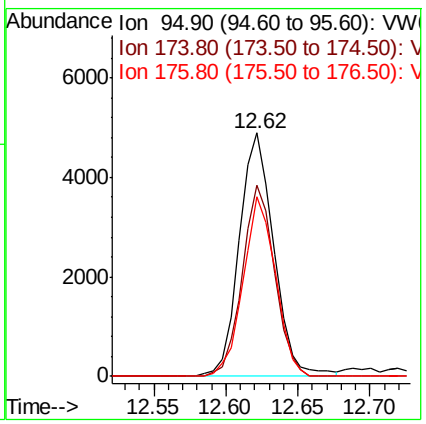


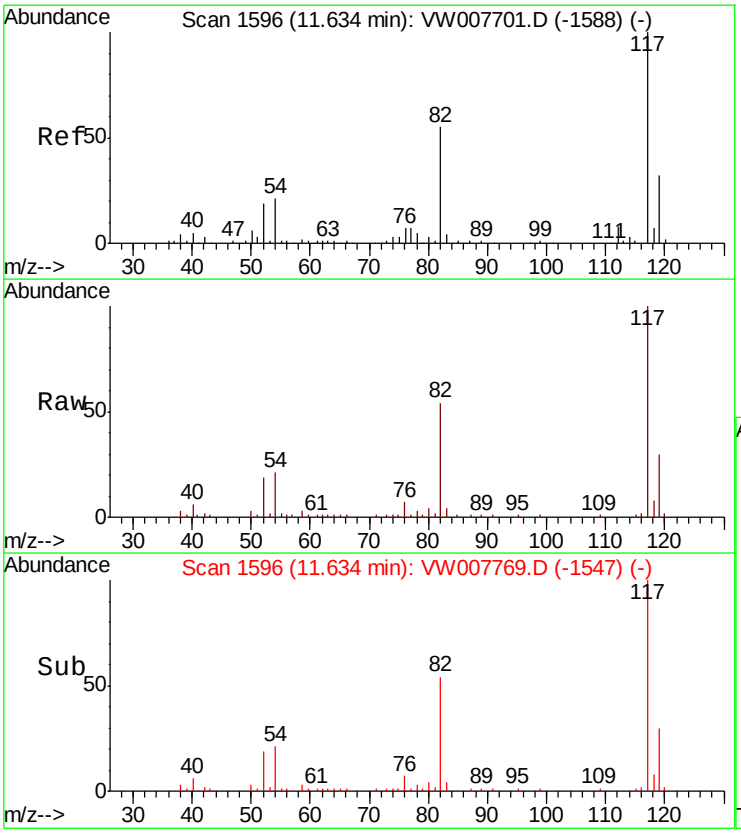
#62
4-Bromofluorobenzene
Concen: 44.842 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Instrument :
MSVOA_W
ClientSampleId :
S32-0638

Tgt Ion: 95 Resp: 8096

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	152.2
176	68.9	0.0	146.8

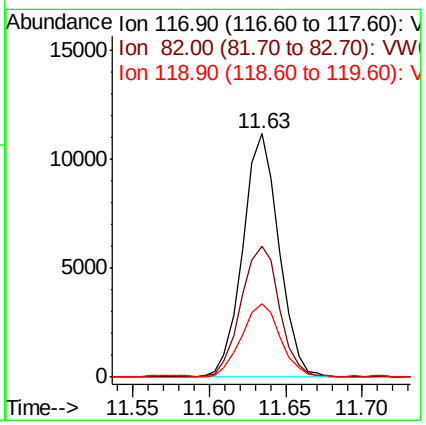


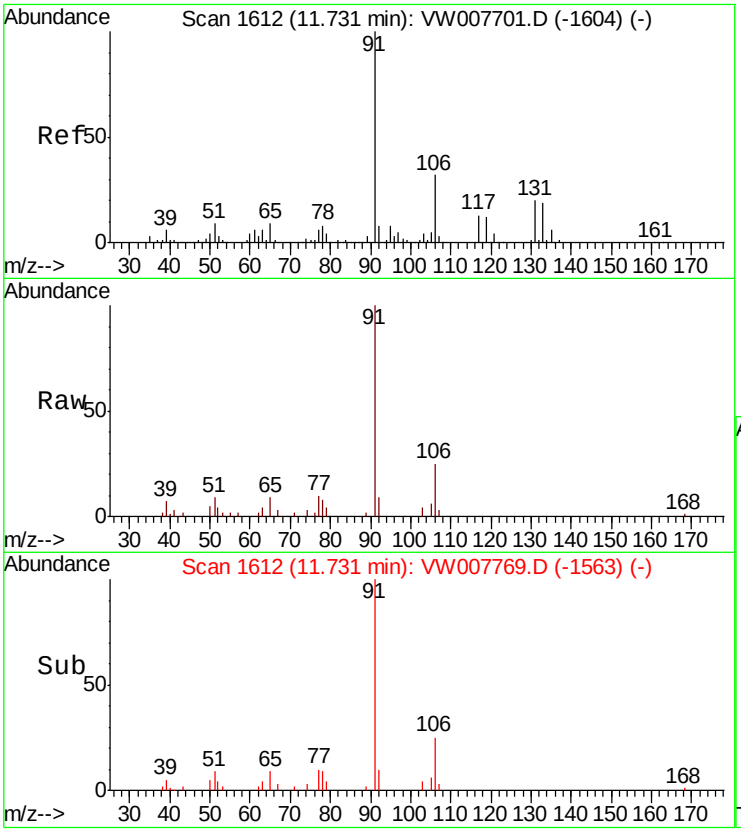


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Tgt Ion:117 Resp: 18350

Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.3	66.5
119	30.2	25.7	38.5



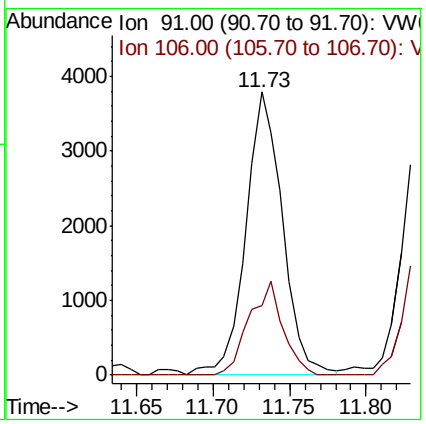


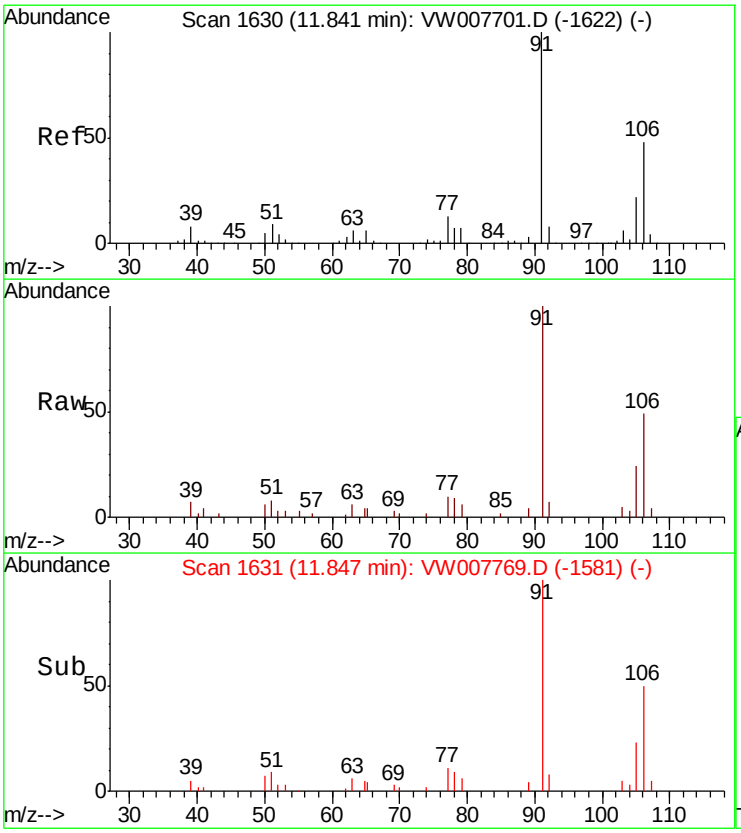
#67
Ethyl Benzene
Concen: 9.289 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Instrument : MSVOA_W
ClientSampleId : S32-0638

Tgt Ion: 91 Resp: 6331

Ion	Ratio	Lower	Upper
91	100		
106	24.7	25.8	38.8#

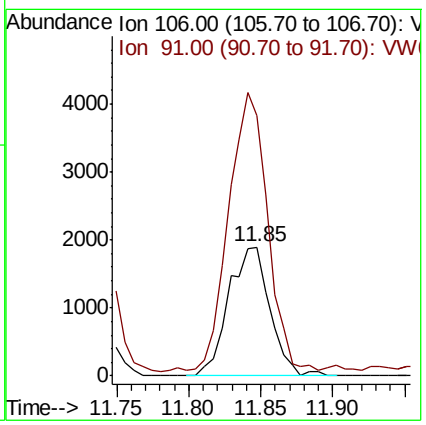


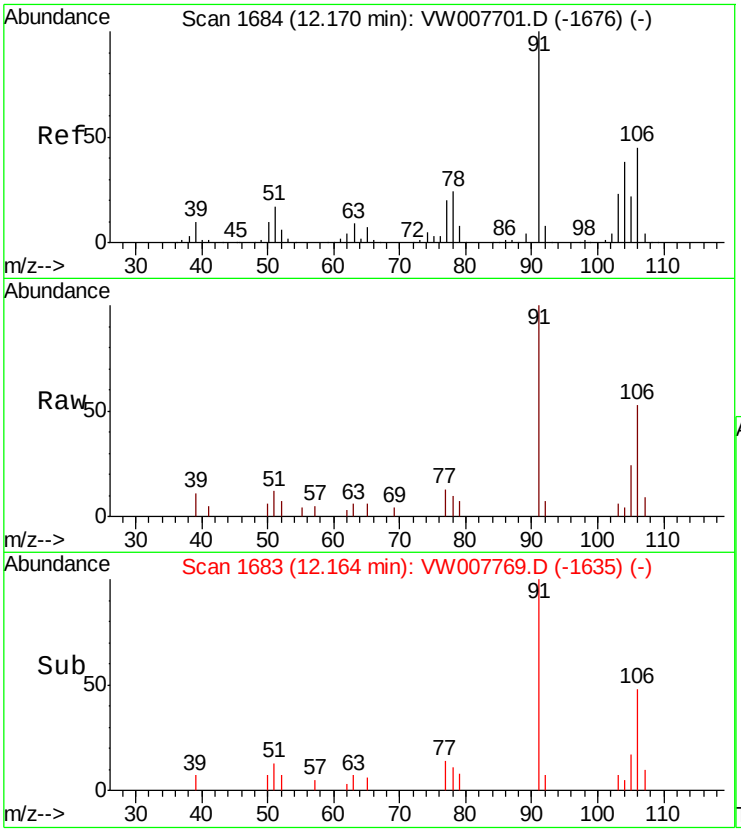


#68
m/p-Xylenes
Concen: 14.267 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Tgt Ion:106 Resp: 3772

Ion	Ratio	Lower	Upper
106	100		
91	207.3	165.2	247.8



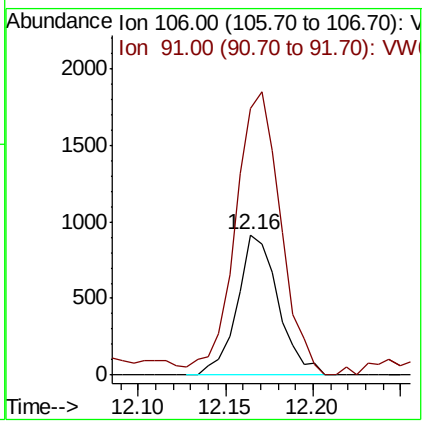


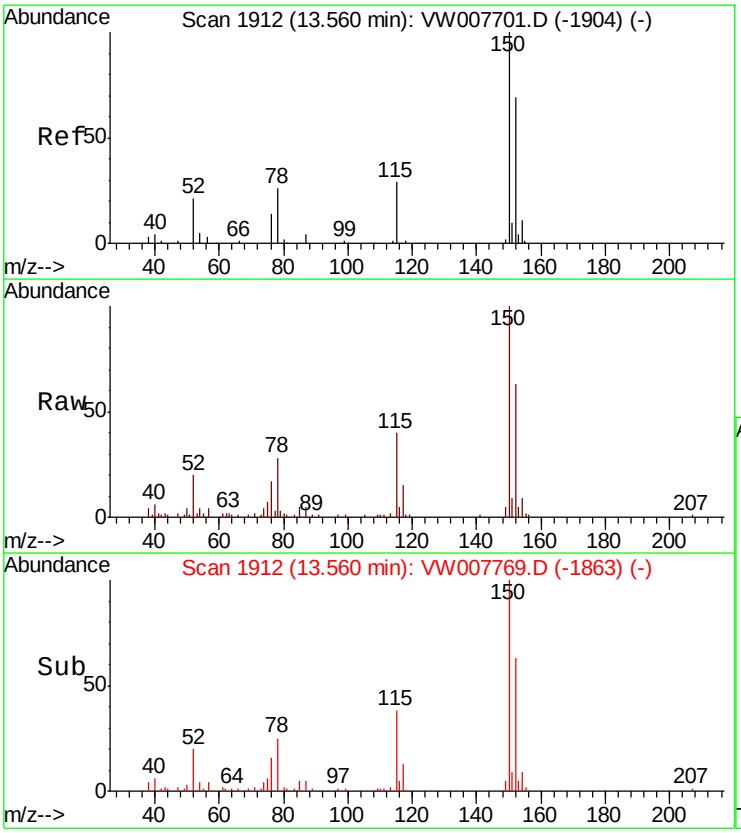
#69
o-Xylene
Concen: 6.053 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Instrument : MSVOA_W
ClientSampleId : S32-0638

Tgt Ion:106 Resp: 1500

Ion	Ratio	Lower	Upper
106	100		
91	222.8	110.5	331.4

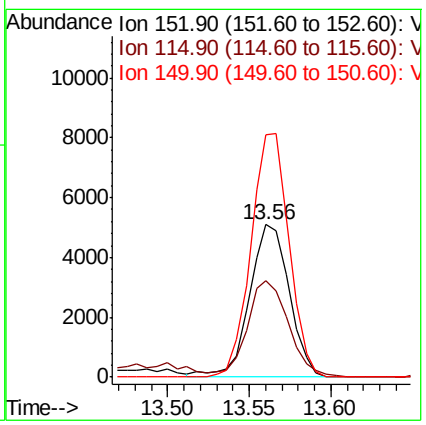


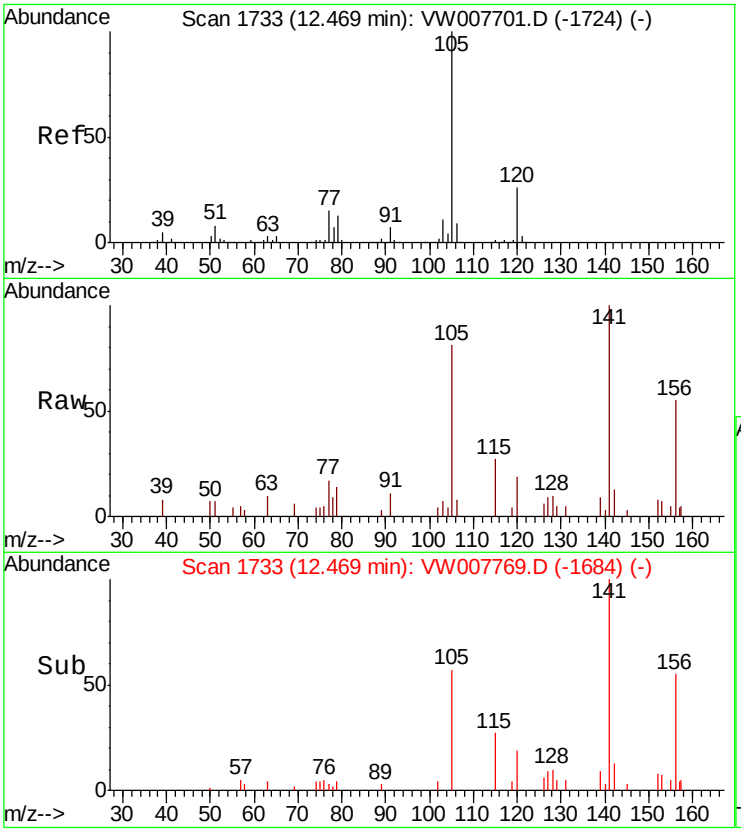


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Tgt Ion:152 Resp: 8631

Ion	Ratio	Lower	Upper
152	100		
115	65.9	31.8	95.4
150	151.9	0.0	350.8



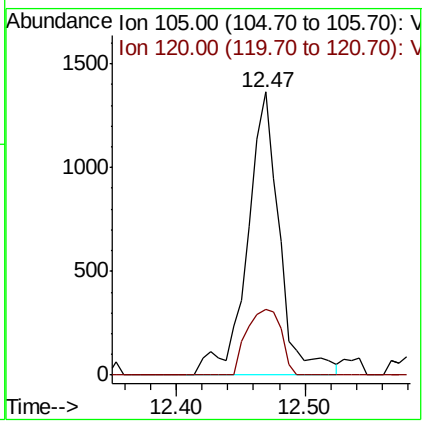


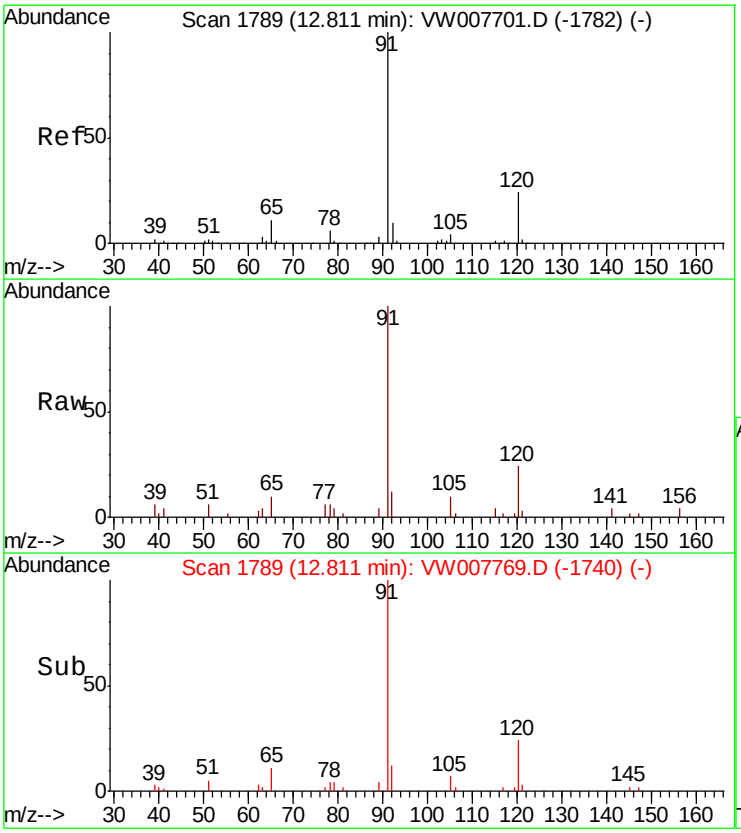
#73
Isopropylbenzene
Concen: 3.576 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Instrument : MSVOA_W
ClientSampleId : S32-0638

Tgt Ion:105 Resp: 2333

Ion	Ratio	Lower	Upper
105	100		
120	24.9	13.1	39.3

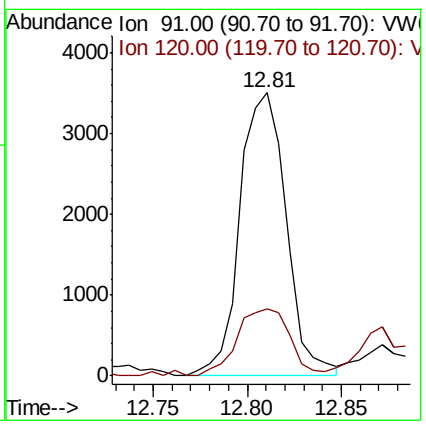


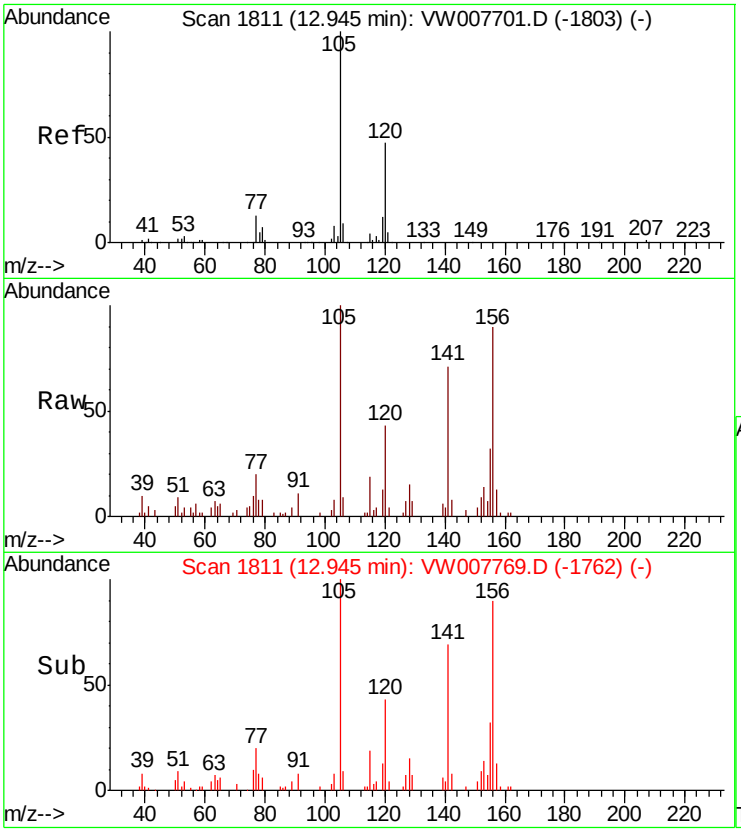


#78
n-propylbenzene
Concen: 7.882 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Tgt Ion: 91 Resp: 5986

Ion	Ratio	Lower	Upper
91	100		
120	26.9	11.9	35.7



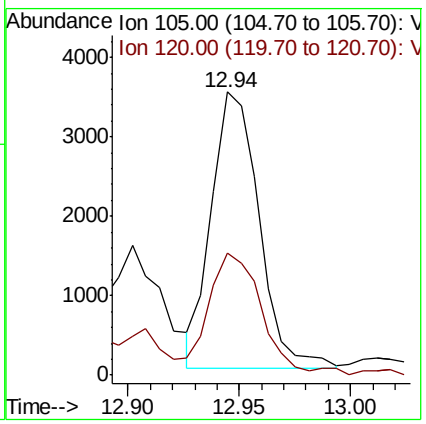


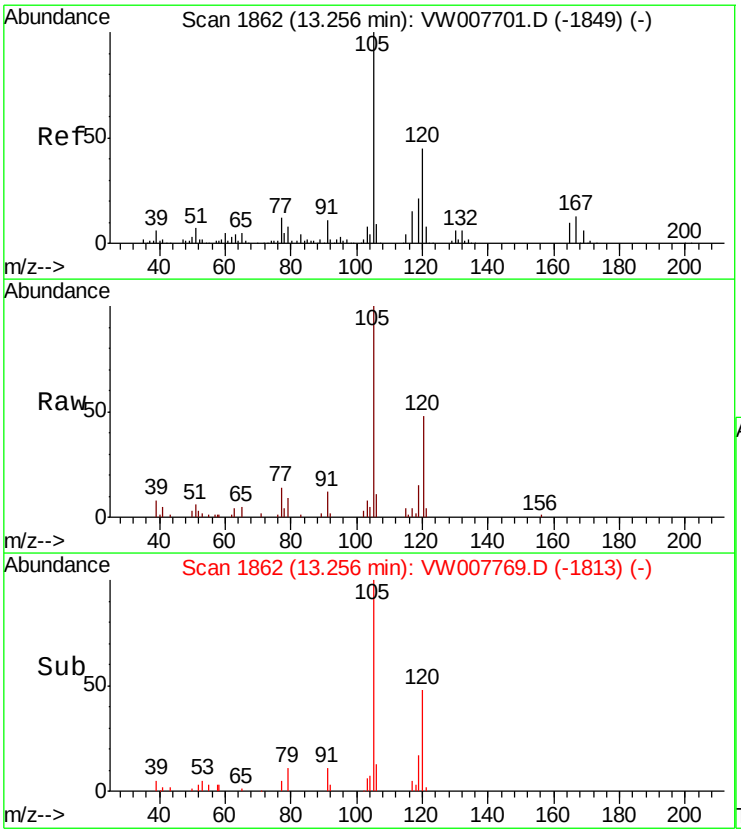
#80
1,3,5-Trimethylbenzene
Concen: 9.187 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Instrument :
MSVOA_W
ClientSampleId :
S32-0638

Tgt Ion:105 Resp: 5170

Ion	Ratio	Lower	Upper
105	100		
120	50.2	23.6	70.8

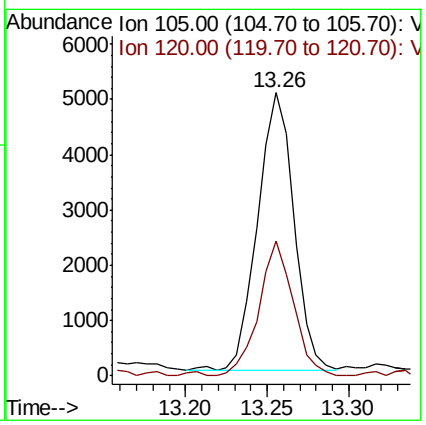


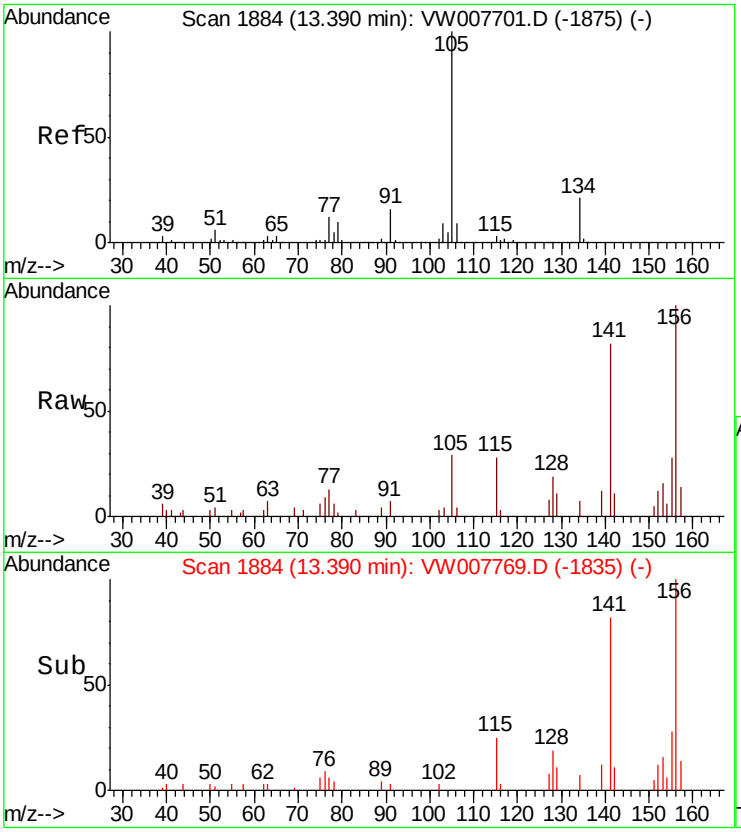


#84
1,2,4-Trimethylbenzene
Concen: 13.690 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Tgt Ion:105 Resp: 7774

Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.0	66.0



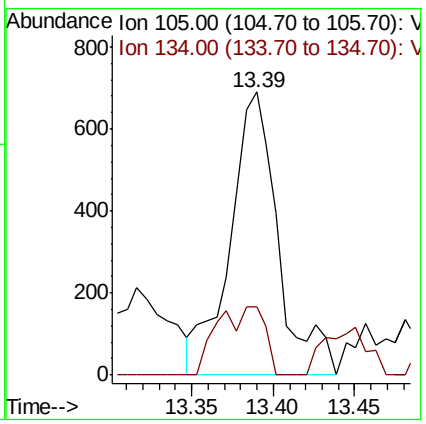


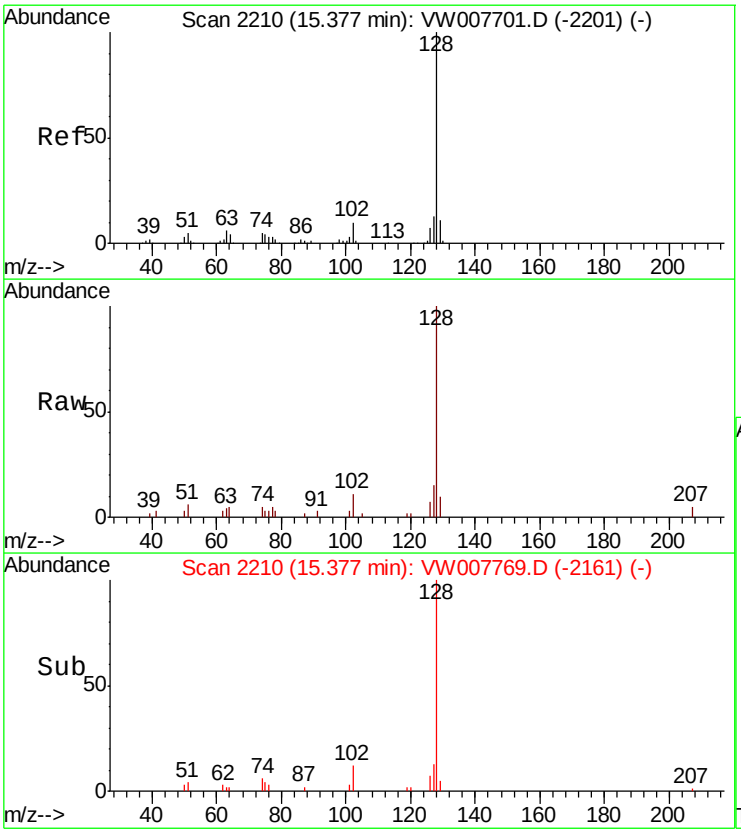
#85
sec-Butylbenzene
Concen: 2.084 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Instrument :
MSVOA_W
ClientSampleId :
S32-0638

Tgt Ion:105 Resp: 1418

Ion	Ratio	Lower	Upper
105	100		
134	12.4	10.2	30.4





#95
Naphthalene
Concen: 15.863 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007769.D
Acq: 21 Dec 2018 00:53

Tgt Ion:128 Resp: 5411

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.7	16.1
129	9.0	8.8	13.2