Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121618\
Data File : VW007501.D
Acq On : 13 Dec 2018 22:57
Operator : SY/AP
Sample : J6199-05RE
Misc : 6.39G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-04-121218-ARE

Quant Time: Dec 14 04:45:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	88419	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	149682	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	112193	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	44859	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	36873	37.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 75.18%				
35) Dibromofluoromethane	7.88	113	34780	38.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 76.76%				
50) Toluene-d8	10.32	98	95815	28.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 56.40%				
62) 4-Bromofluorobenzene	12.62	95	38742	31.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 62.04%				
Target Compounds							Qvalue
16) Acetone	4.12	43	69420	405.157	ug/l		93
18) Methyl Acetate	4.68	43	1970	4.236	ug/l		93
20) Methylene Chloride	4.91	84	16118	14.414	ug/l		96
52) Toluene	10.39	92	224707	91.632	ug/l		99
67) Ethyl Benzene	11.73	91	45508	11.319	ug/l		92
68) m/p-Xylenes	11.84	106	69963	44.763	ug/l		99
69) o-Xylene	12.17	106	41239	28.251	ug/l		95
73) Isopropylbenzene	12.47	105	9852	2.866	ug/l		97
78) n-propylbenzene	12.81	91	36160	9.348	ug/l		100
80) 1,3,5-Trimethylbenzene	12.94	105	54073	18.722	ug/l		99
84) 1,2,4-Trimethylbenzene	13.26	105	188570	63.448	ug/l		99
85) sec-Butylbenzene	13.38	105	17403	5.009	ug/l		95
86) p-Isopropyltoluene	13.51	119	13284	4.256	ug/l		99
89) n-Butylbenzene	13.83	91	24862	8.593	ug/l	#	72
95) Naphthalene	15.37	128	39465	22.032	ug/l	#	93

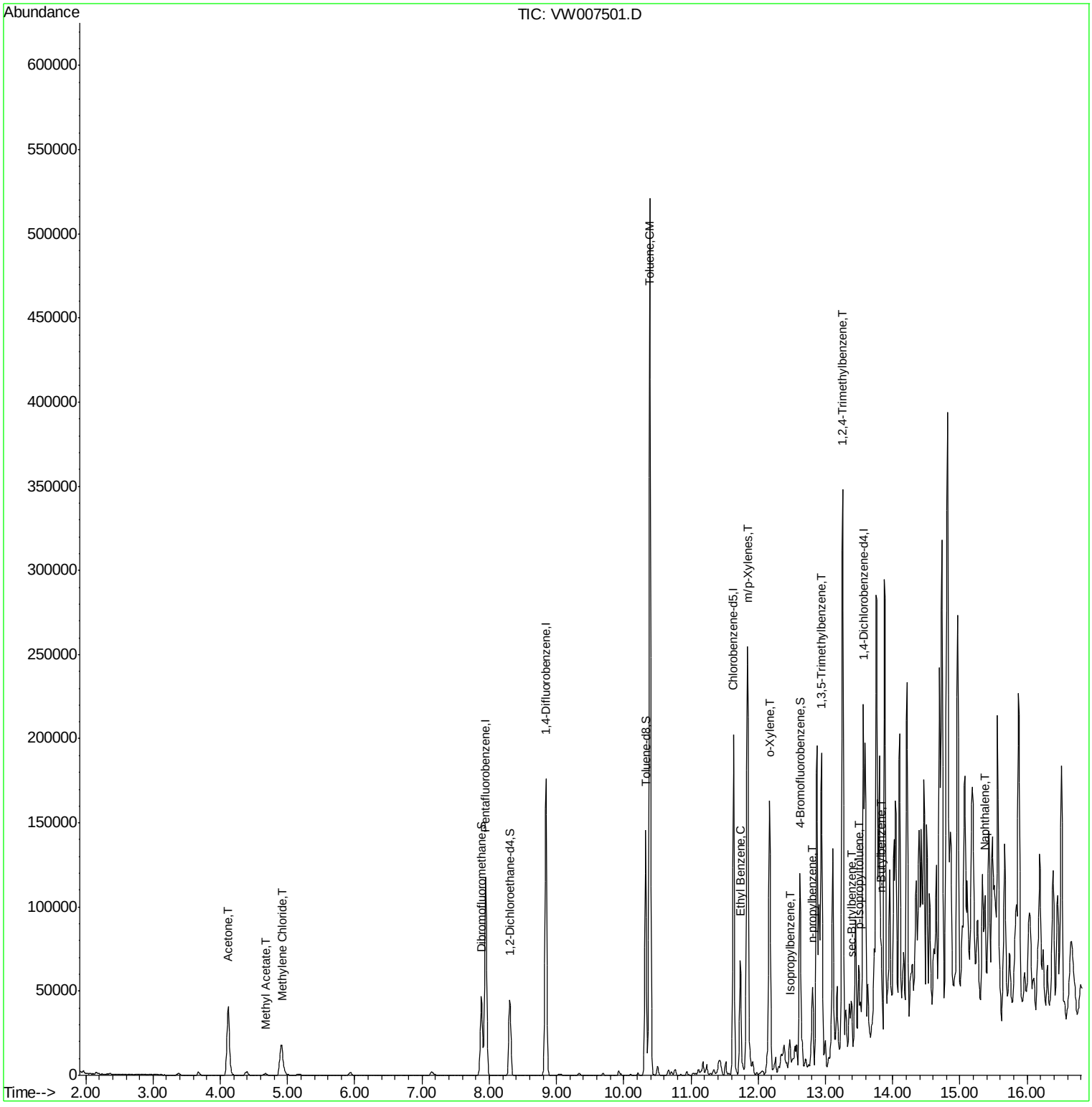
(#) = qualifier out of range (m) = manual integration (+) = signals summed

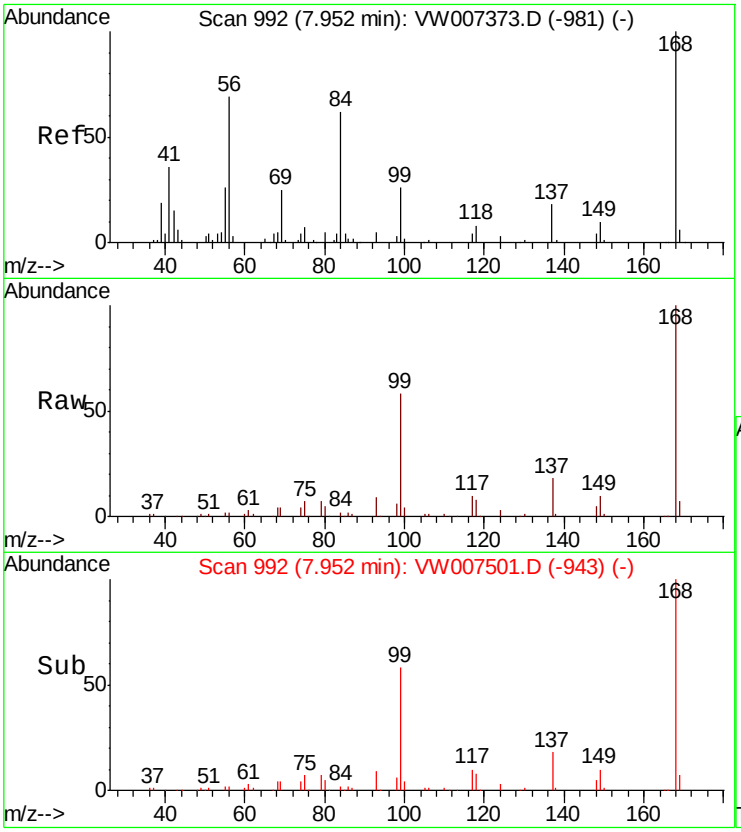
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121618\
Data File : VW007501.D
Acq On : 13 Dec 2018 22:57
Operator : SY/AP
Sample : J6199-05RE
Misc : 6.39G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-04-121218-ARE

Quant Time: Dec 14 04:45:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration



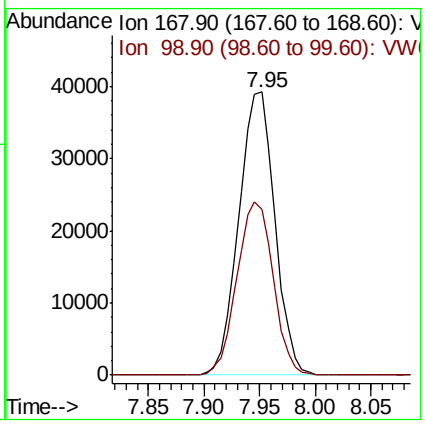


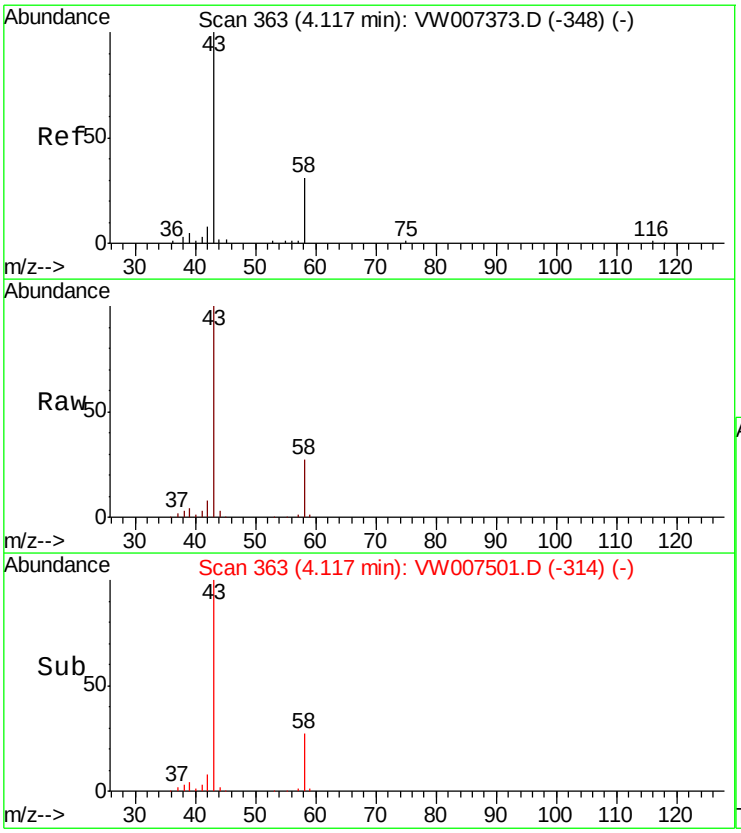
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Instrument :
MSVOA_W
ClientSampleId :
SU-04-121218-ARE

Tgt Ion:168 Resp: 88419

Ion	Ratio	Lower	Upper
168	100		
99	58.4	48.3	72.5

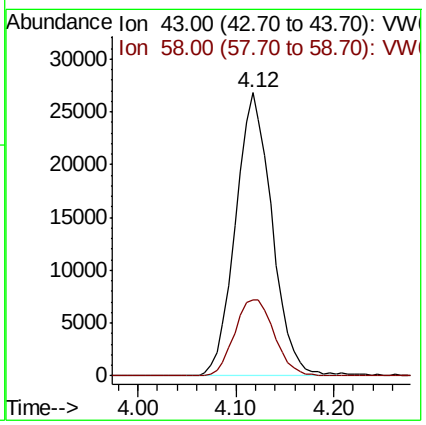


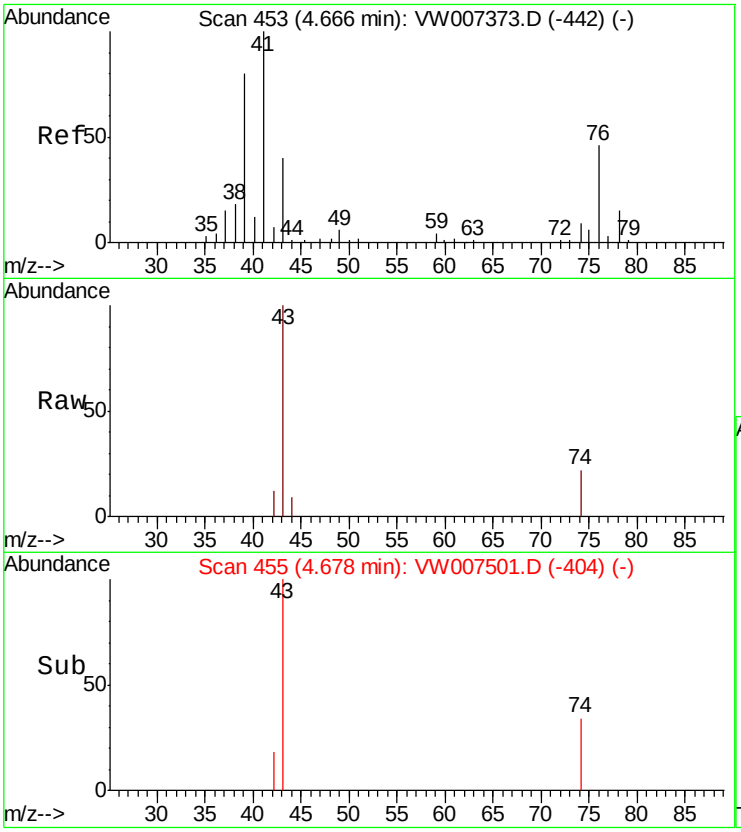


#16
Acetone
Concen: 405.157 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Tgt Ion: 43 Resp: 69420

Ion	Ratio	Lower	Upper
43	100		
58	27.0	24.9	37.3



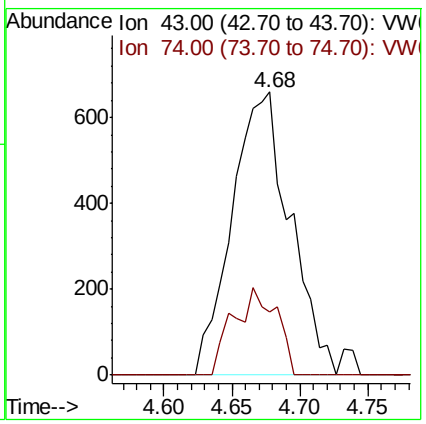


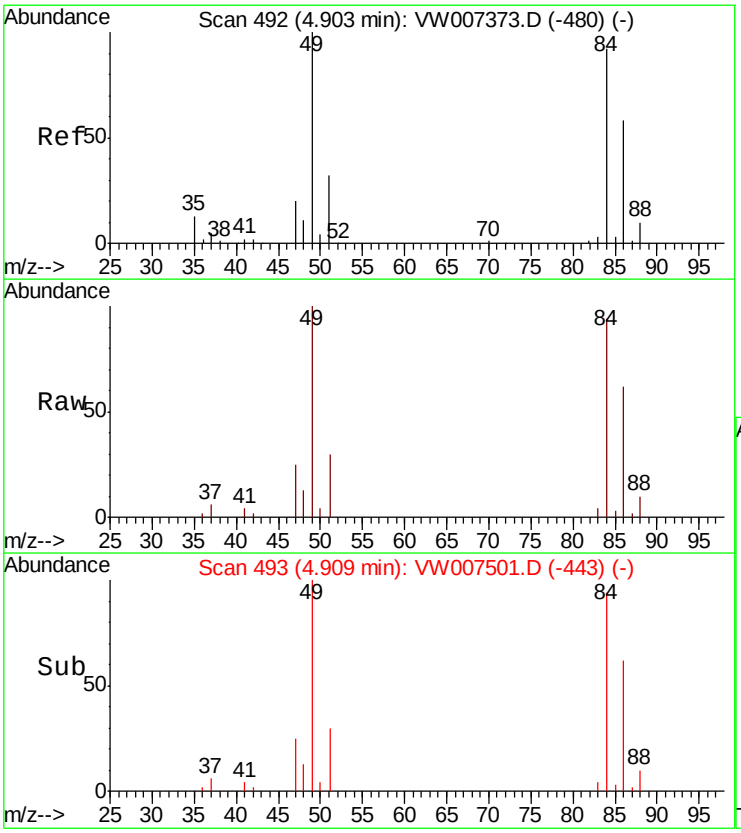
#18
Methyl Acetate
Concen: 4.236 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Instrument : MSVOA_W
ClientSampleId : SU-04-121218-ARE

Tgt Ion: 43 Resp: 1970

Ion	Ratio	Lower	Upper
43	100		
74	22.8	21.1	31.7

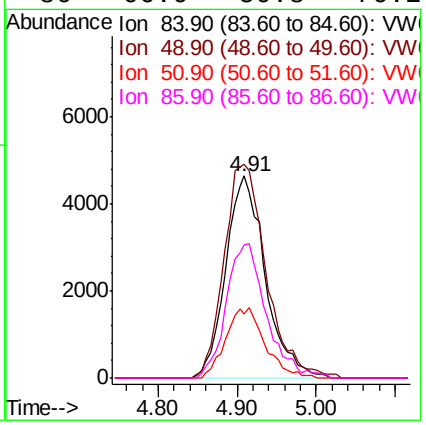


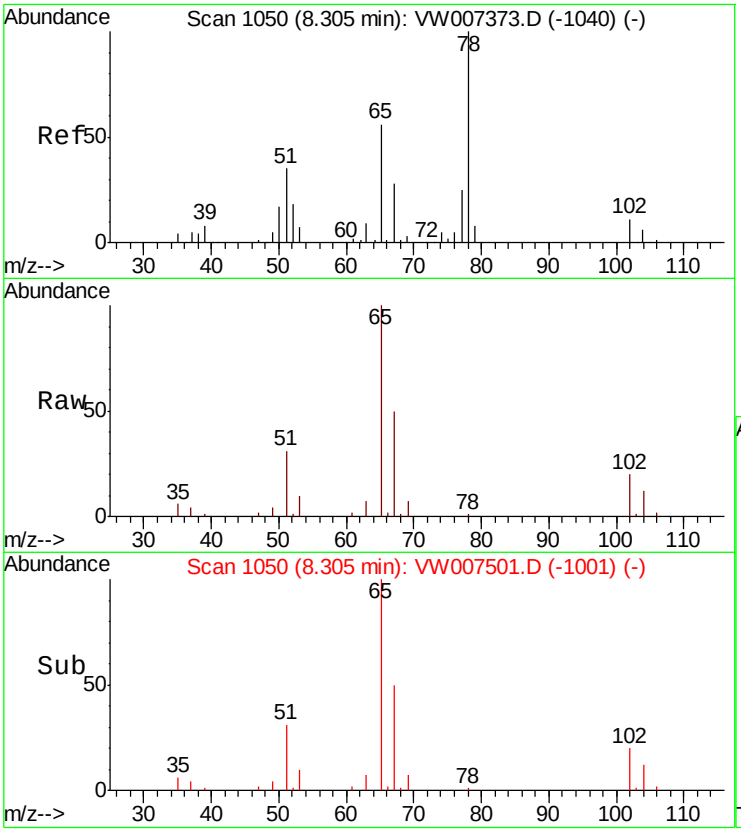


#20
Methylene Chloride
Concen: 14.414 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Tgt Ion: 84 Resp: 16118

Ion	Ratio	Lower	Upper
84	100		
49	105.9	87.1	130.7
51	31.8	28.2	42.2
86	66.0	50.8	76.2



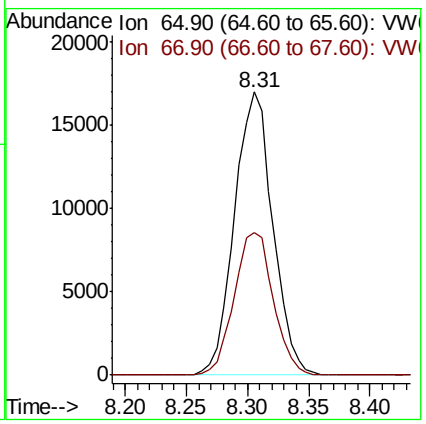


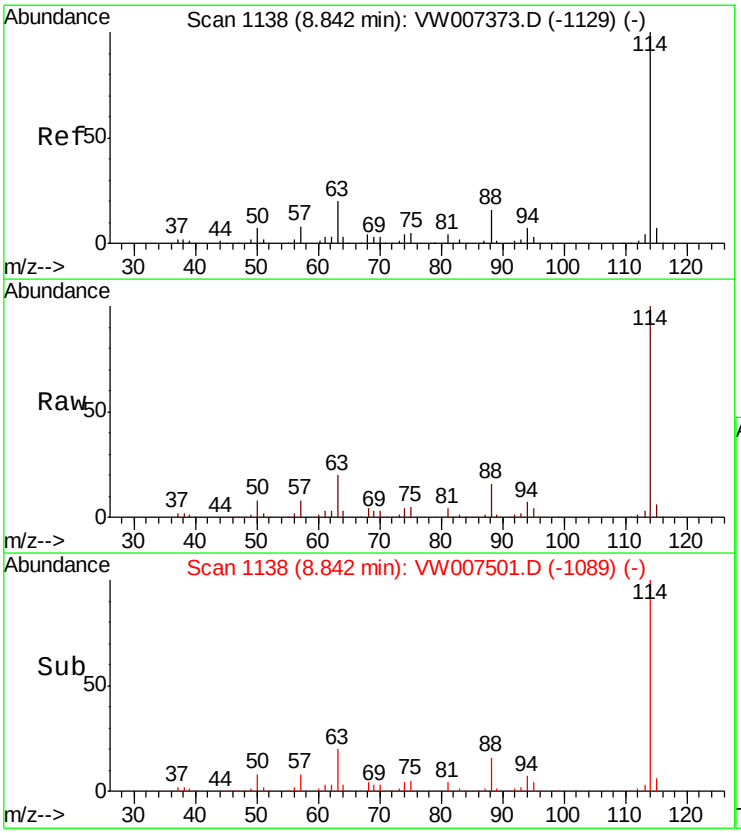
#33
1,2-Dichloroethane-d4
Concen: 37.590 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Instrument :
MSVOA_W
ClientSampleId :
SU-04-121218-ARE

Tgt Ion: 65 Resp: 36873

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	101.6

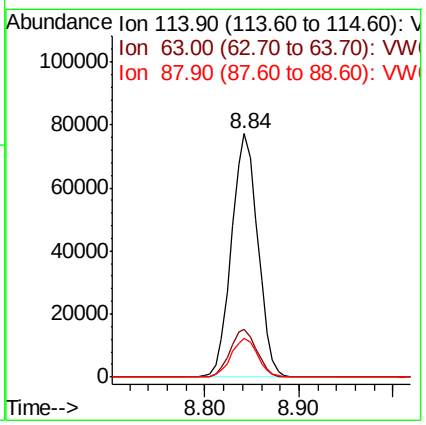


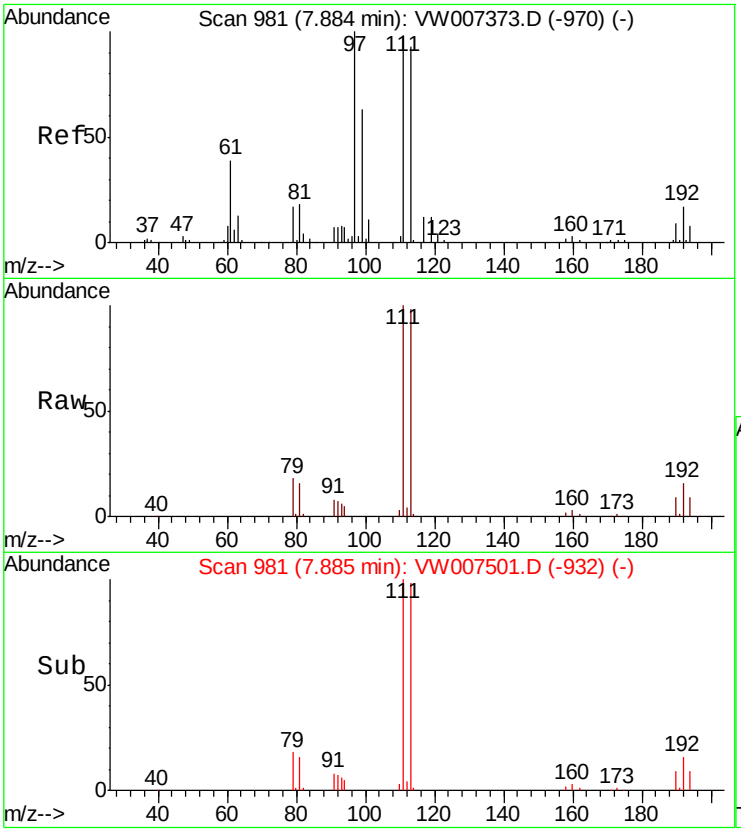


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Tgt Ion:114 Resp: 149682

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.6
88	16.0	0.0	31.4



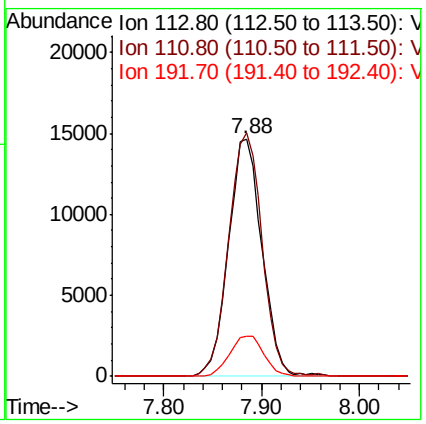


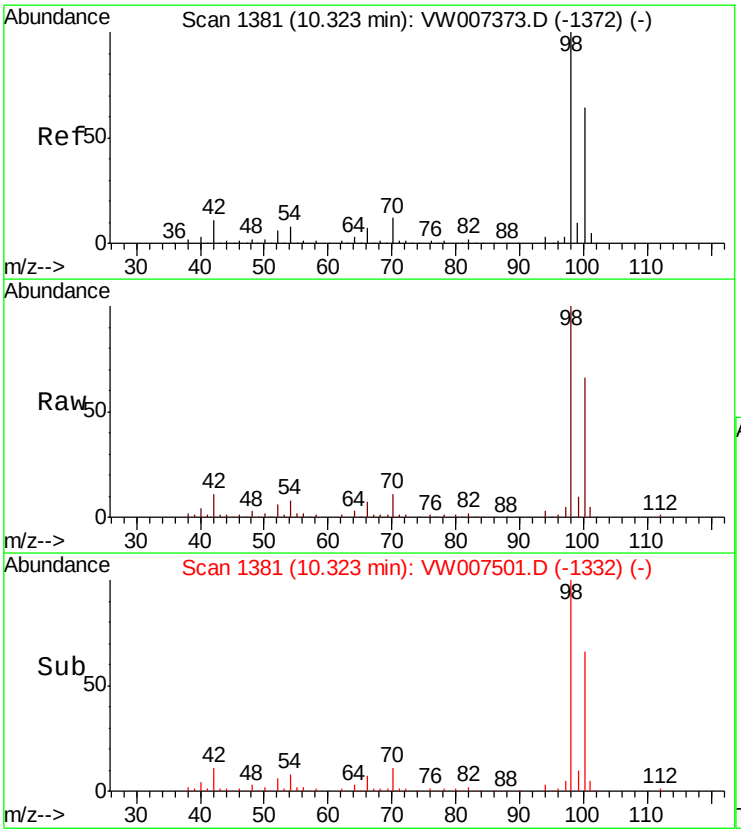
#35
Dibromofluoromethane
Concen: 38.385 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Instrument :
MSVOA_W
ClientSampleId :
SU-04-121218-ARE

Tgt Ion:113 Resp: 34780

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.1	121.7
192	17.5	14.6	21.8

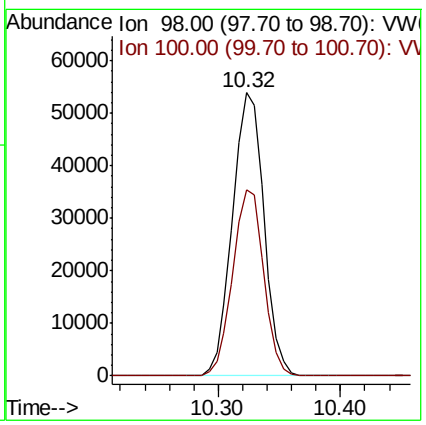


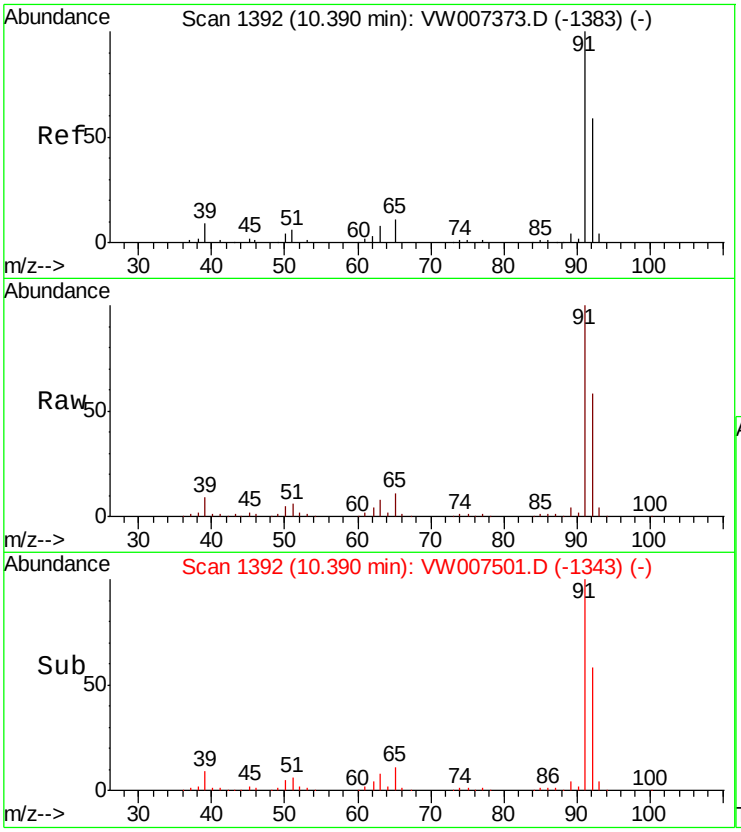


#50
Toluene-d8
Concen: 28.203 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Tgt Ion: 98 Resp: 95815

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.8	77.8



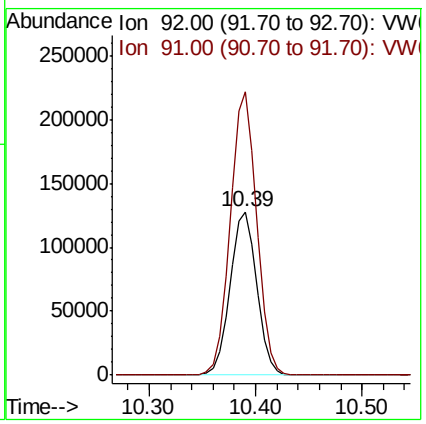


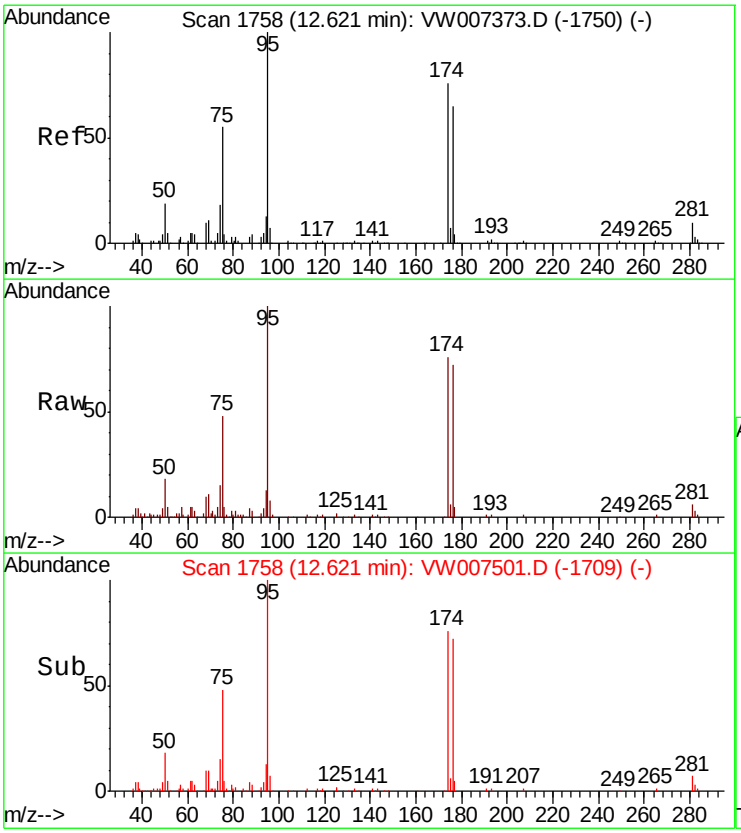
#52
Toluene
Concen: 91.632 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Instrument :
MSVOA_W
ClientSampleId :
SU-04-121218-ARE

Tgt Ion: 92 Resp: 224707

Ion	Ratio	Lower	Upper
92	100		
91	171.0	136.2	204.2

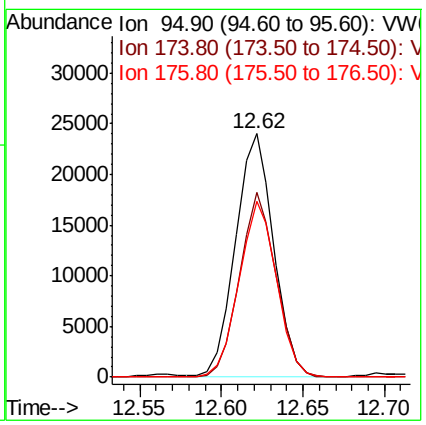


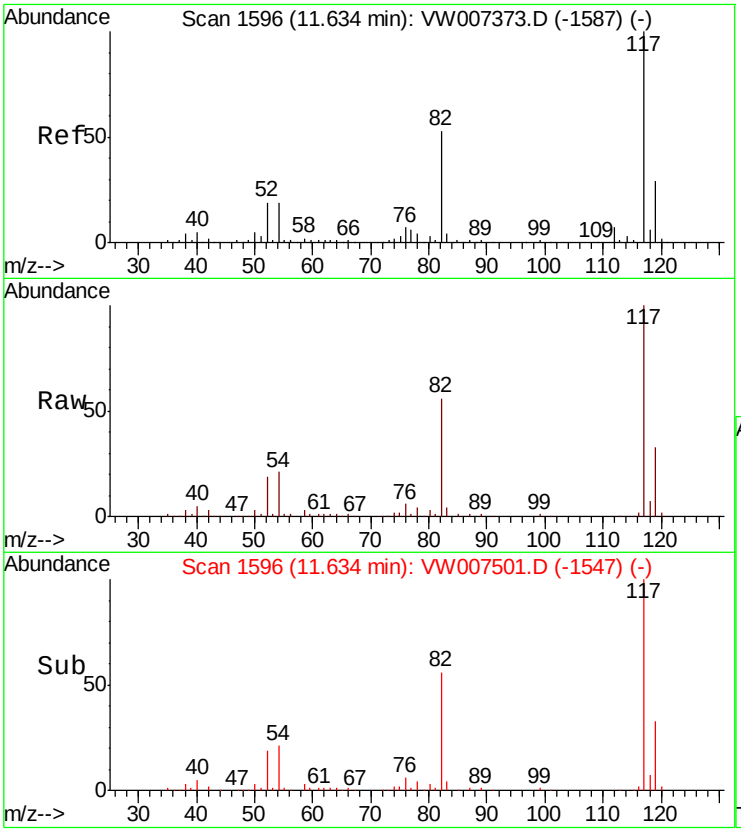


#62
4-Bromofluorobenzene
Concen: 31.016 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Tgt Ion: 95 Resp: 38742

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	147.2
176	71.5	0.0	138.8



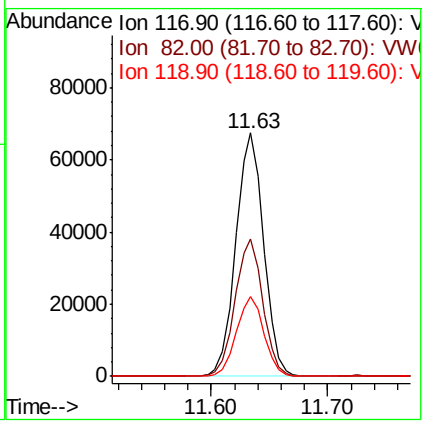


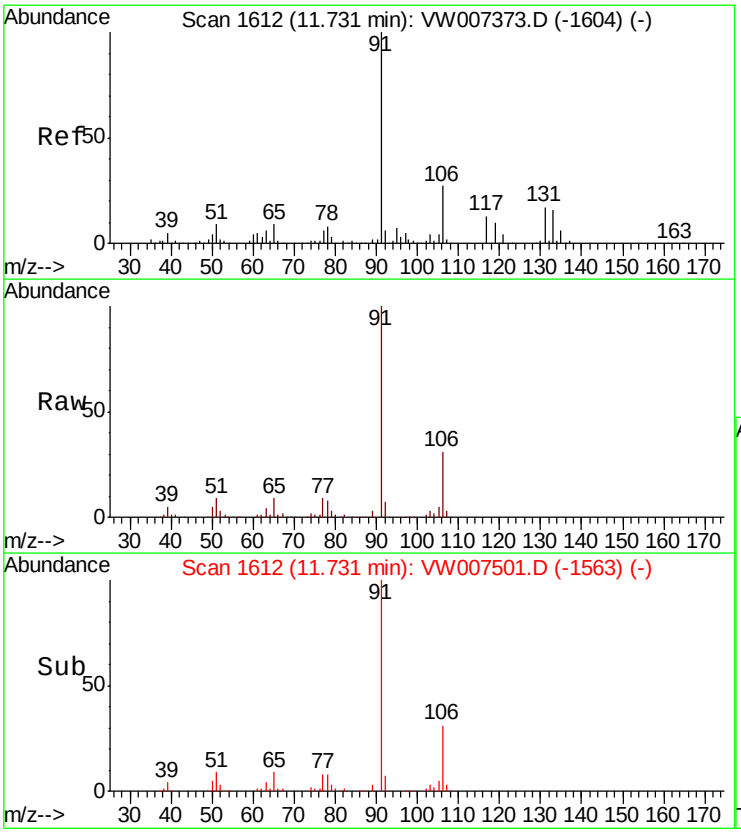
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Instrument : MSVOA_W
ClientSampleId : SU-04-121218-ARE

Tgt Ion:117 Resp: 112193

Ion	Ratio	Lower	Upper
117	100		
82	56.3	42.3	63.5
119	32.6	23.0	34.6

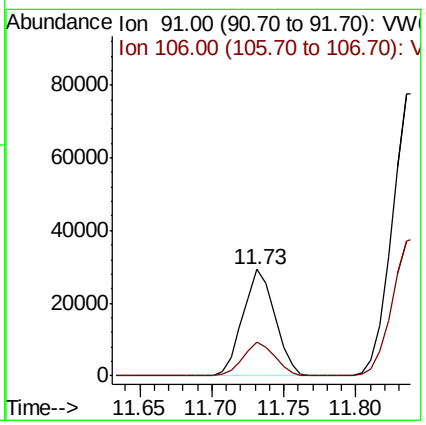


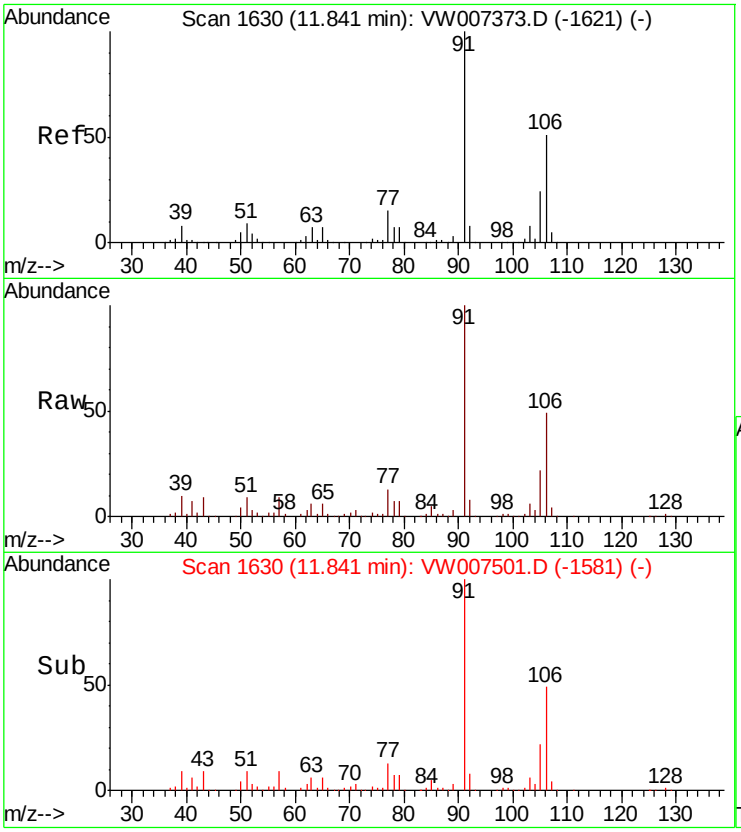


#67
Ethyl Benzene
Concen: 11.319 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Tgt Ion: 91 Resp: 45508

Ion	Ratio	Lower	Upper
91	100		
106	31.4	21.8	32.8



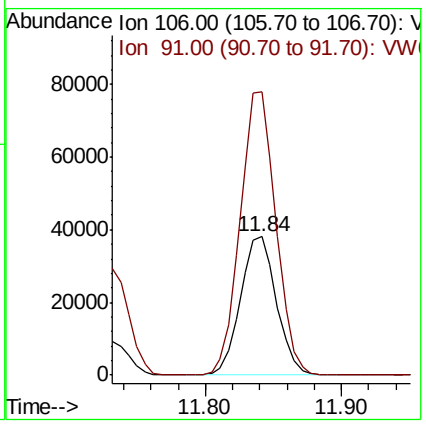


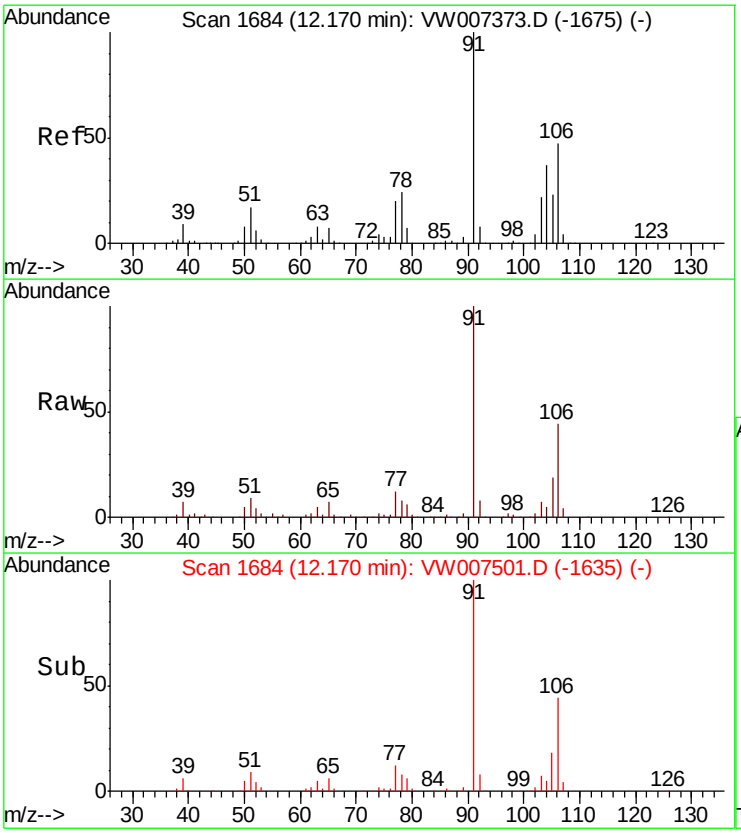
#68
m/p-Xylenes
Concen: 44.763 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Instrument :
MSVOA_W
ClientSampleId :
SU-04-121218-ARE

Tgt Ion:106 Resp: 69963

Ion	Ratio	Lower	Upper
106	100		
91	204.7	165.3	247.9

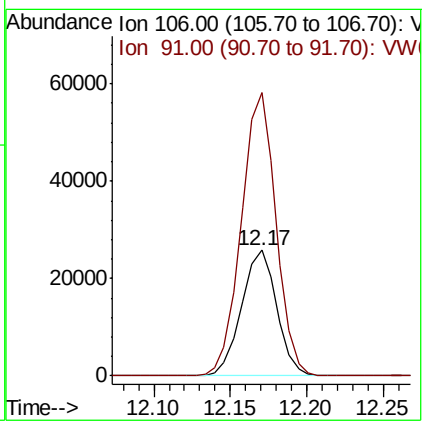


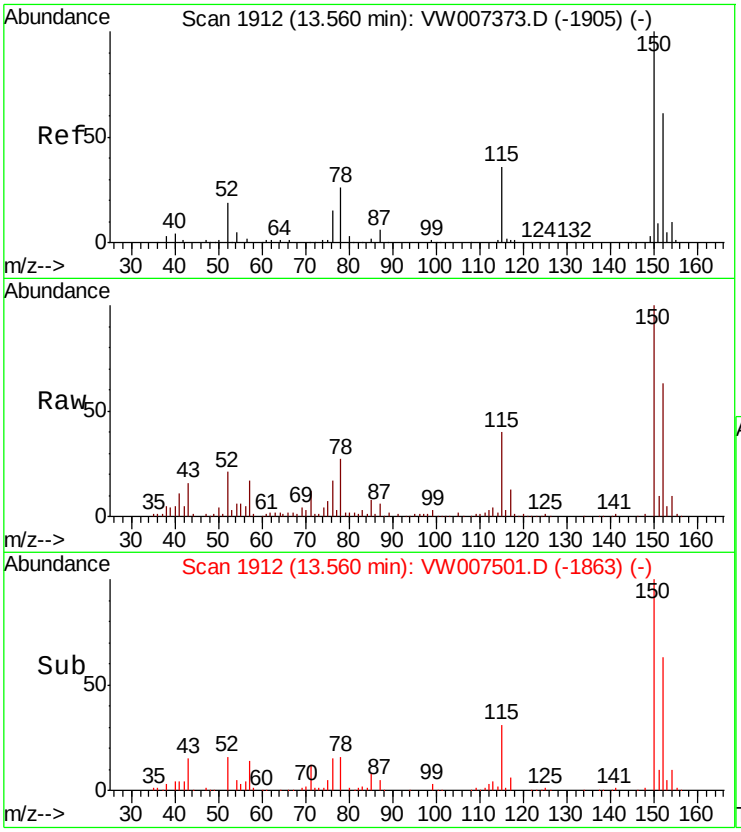


#69
o-Xylene
Concen: 28.251 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Tgt Ion:106 Resp: 41239

Ion	Ratio	Lower	Upper
106	100		
91	221.7	106.6	319.8



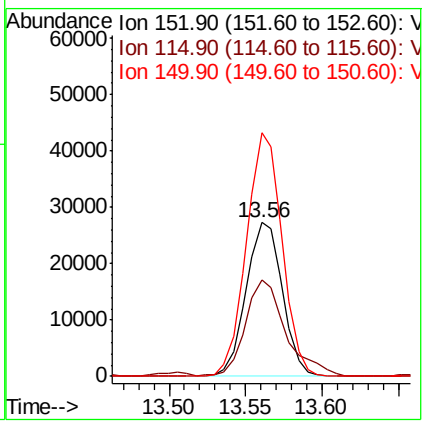


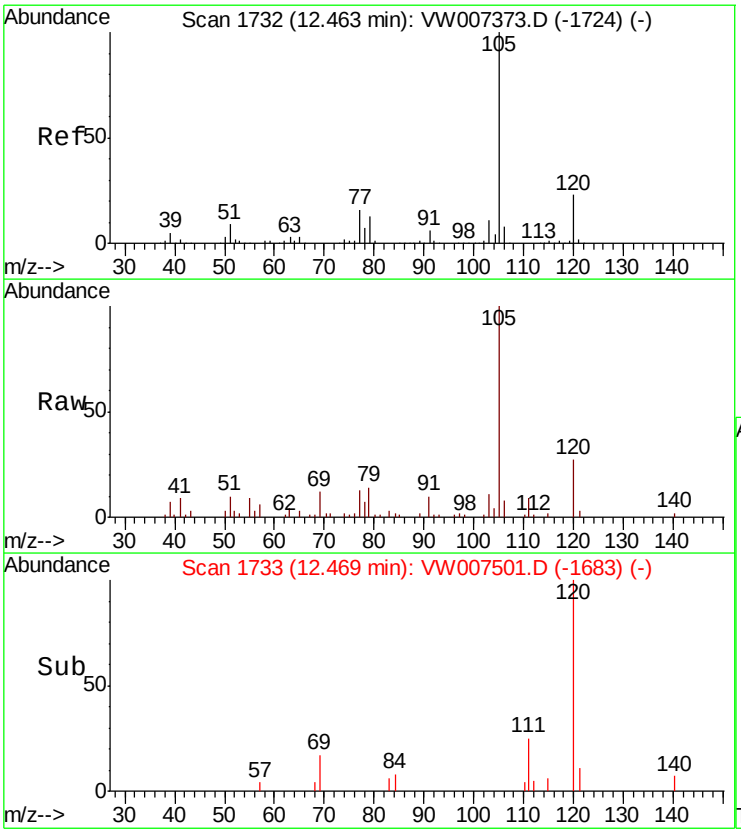
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Instrument :
MSVOA_W
ClientSampleId :
SU-04-121218-ARE

Tgt Ion:152 Resp: 44859

Ion	Ratio	Lower	Upper
152	100		
115	70.1	31.4	94.2
150	155.4	0.0	358.4

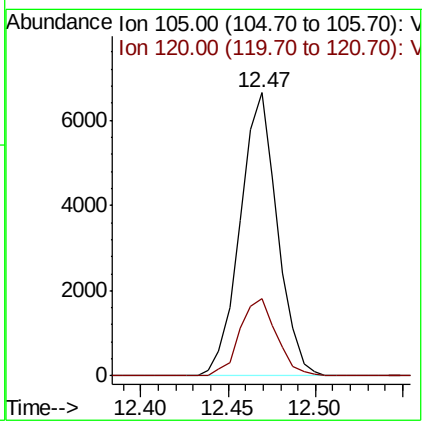


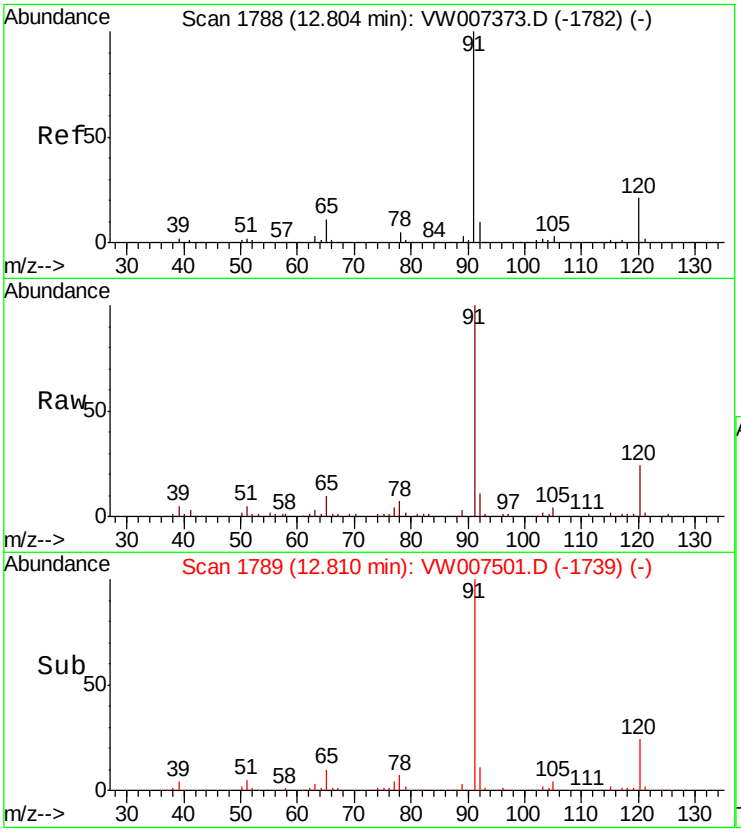


#73
Isopropylbenzene
Concen: 2.866 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Tgt Ion:105 Resp: 9852

Ion	Ratio	Lower	Upper
105	100		
120	27.2	12.8	38.4



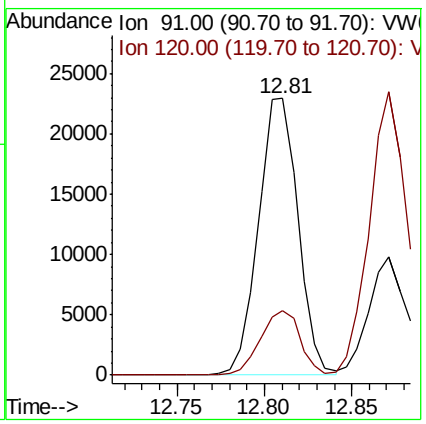


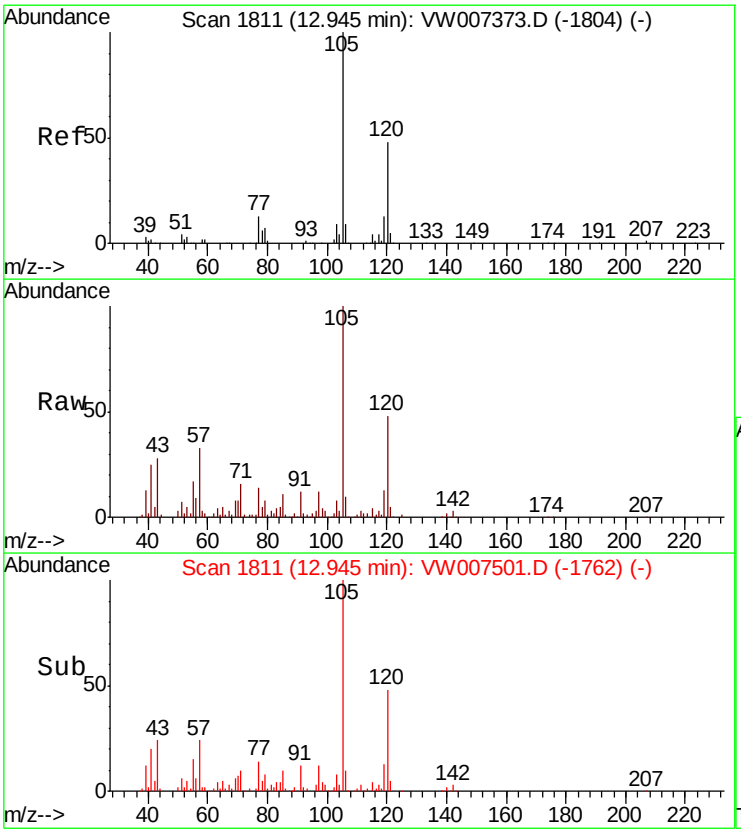
#78
n-propylbenzene
Concen: 9.348 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.01 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Instrument :
MSVOA_W
ClientSampleId :
SU-04-121218-ARE

Tgt Ion: 91 Resp: 36160

Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.9	35.5

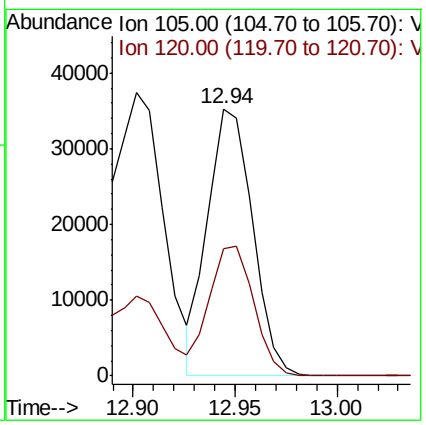


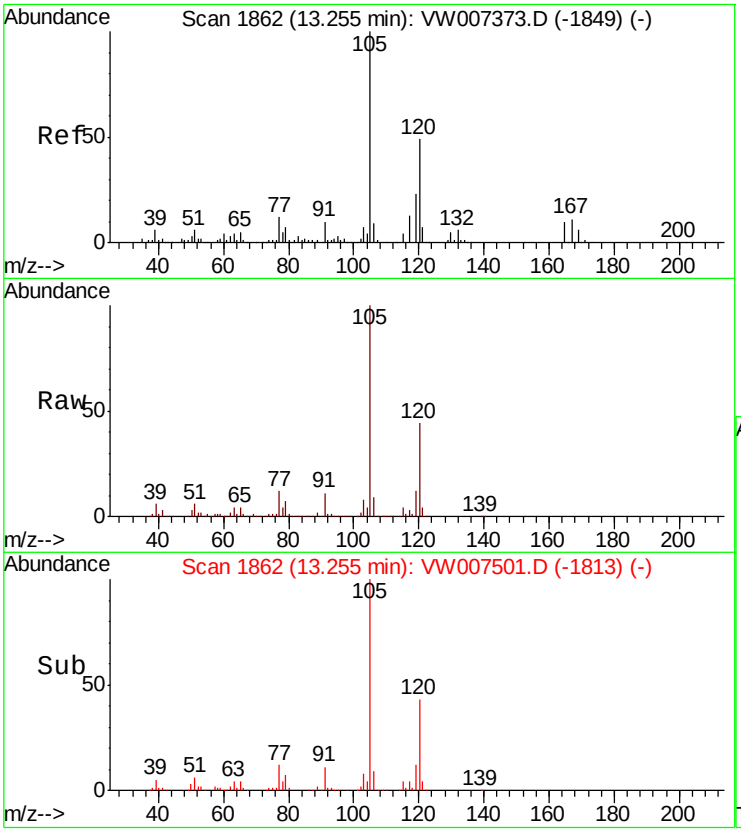


#80
1,3,5-Trimethylbenzene
Concen: 18.722 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Tgt Ion:105 Resp: 54073

Ion	Ratio	Lower	Upper
105	100		
120	48.1	23.8	71.4



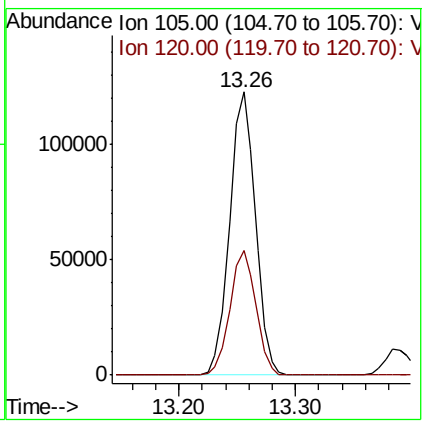


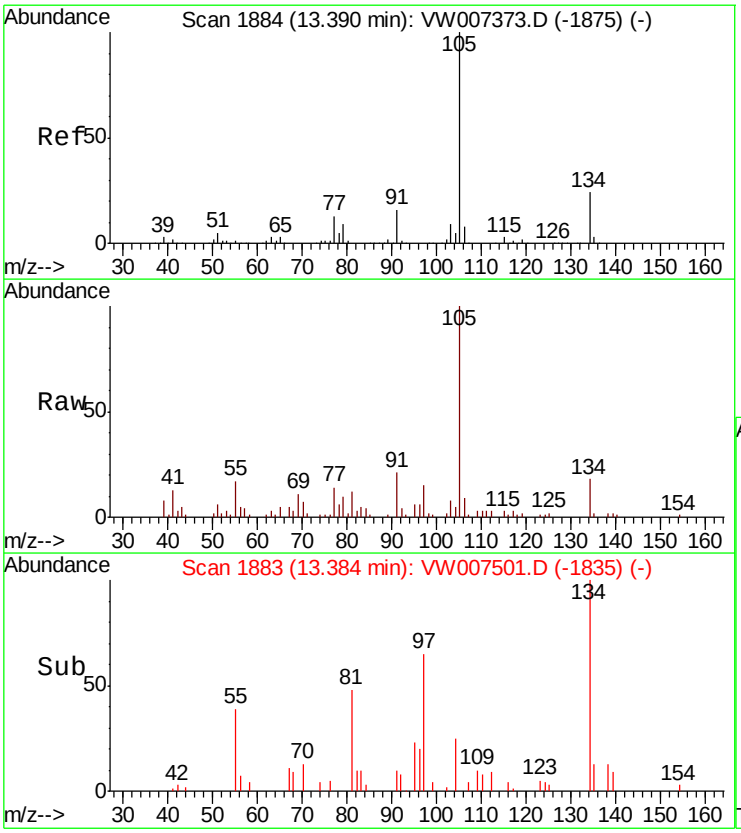
#84
1,2,4-Trimethylbenzene
Concen: 63.448 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Instrument :
MSVOA_W
ClientSampleId :
SU-04-121218-ARE

Tgt Ion:105 Resp: 188570

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.6	67.7

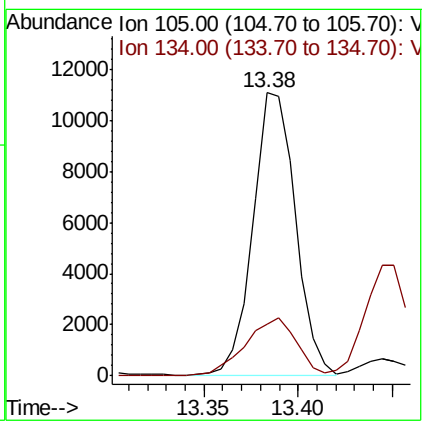


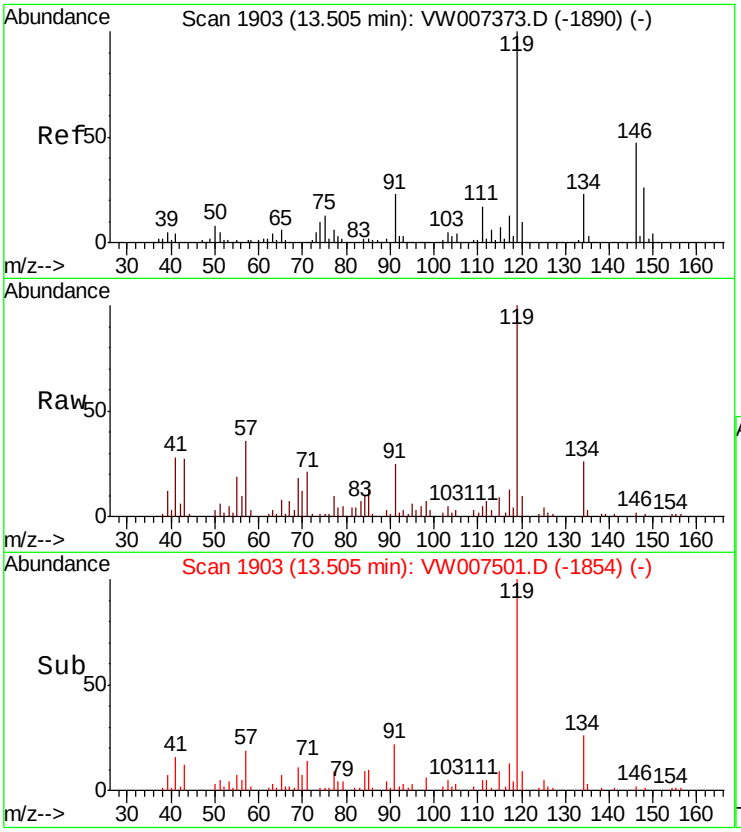


#85
sec-Butylbenzene
Concen: 5.009 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Tgt Ion:105 Resp: 17403

Ion	Ratio	Lower	Upper
105	100		
134	24.6	11.1	33.3



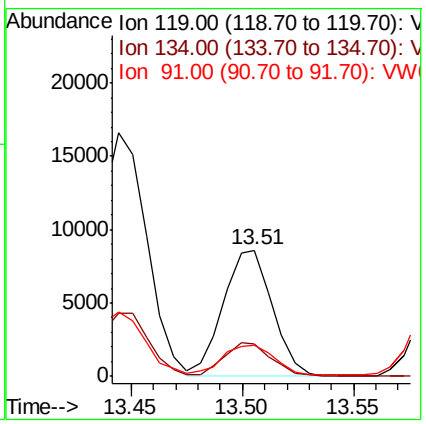


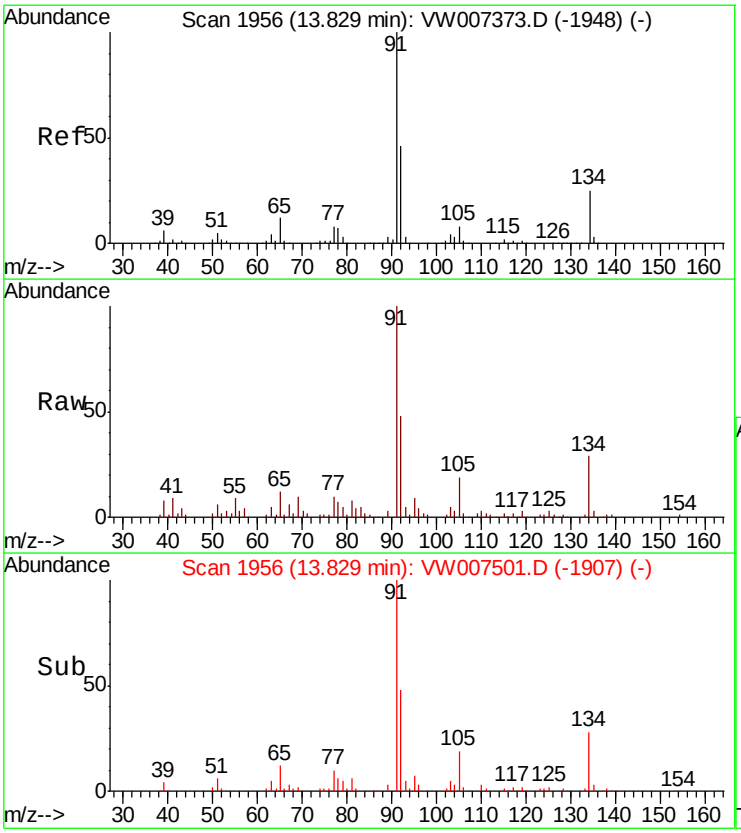
#86
p-Isopropyltoluene
Concen: 4.256 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Instrument : MSVOA_W
ClientSampleId : SU-04-121218-ARE

Tgt Ion:119 Resp: 13284

Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.9	38.7
91	24.8	11.9	35.9

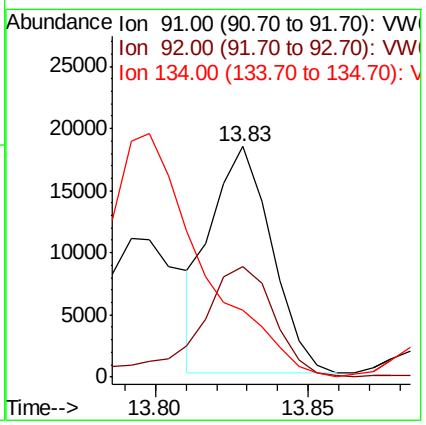


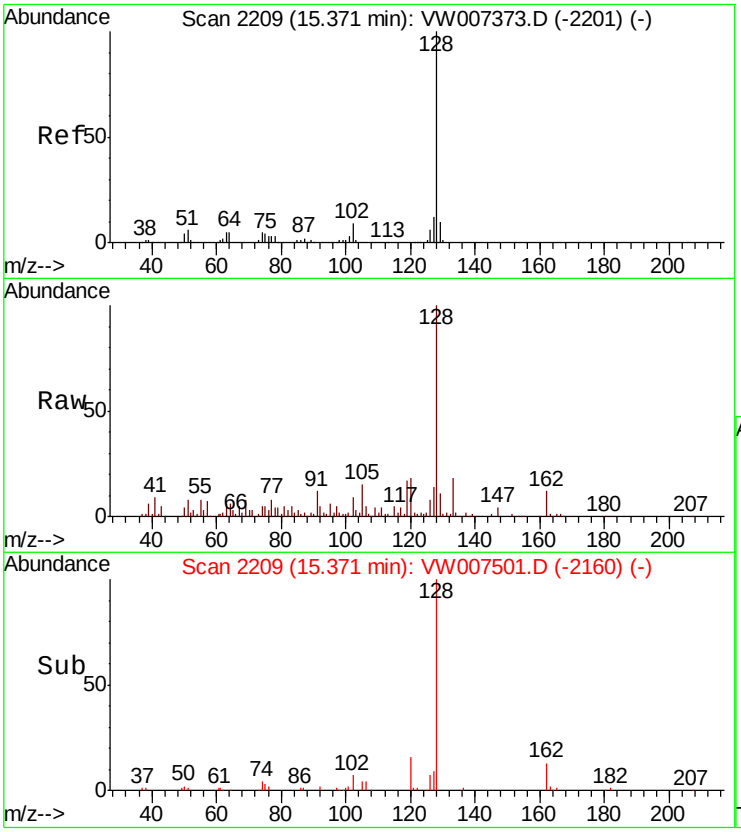


#89
n-Butylbenzene
Concen: 8.593 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Tgt Ion: 91 Resp: 24862

Ion	Ratio	Lower	Upper
91	100		
92	61.7	25.7	77.1
134	0.0	13.4	40.2#





#95
Naphthalene
Concen: 22.032 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Instrument :
MSVOA_W
ClientSampleId :
SU-04-121218-ARE

Tgt Ion:128 Resp: 39465

Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.2	15.4
129	13.9	8.3	12.5#