Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071718\
Data File : VW004015.D
Acq On : 18 Jul 2018 06:28
Operator : VA/AP
Sample : J3819-01RE
Misc : 6.45G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : AU-05-071318-ARE

Quant Time: Jul 18 07:56:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	36312	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.85	114	56062	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.64	117	35497	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	8647	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	31498	77.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 155.20%				
35) Dibromofluoromethane	7.88	113	25124	69.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 139.70%				
50) Toluene-d8	10.33	98	50908	36.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 72.94%				
62) 4-Bromofluorobenzene	12.63	95	10661	21.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 42.36%				
Target Compounds							Qvalue
16) Acetone	4.13	43	10709	109.79	ug/l		89
20) Methylene Chloride	4.91	84	4482	3.02	ug/l		93
30) Chloroform	7.68	83	958	1.34	ug/l	#	77
52) Toluene	10.39	92	4307	4.35	ug/l		98
68) m/p-Xylenes	11.85	106	671	1.32	ug/l		85
69) o-Xylene	12.18	106	637	1.36	ug/l		100
80) 1,3,5-Trimethylbenzene	12.95	105	2361	4.59	ug/l		91
84) 1,2,4-Trimethylbenzene	13.26	105	11823	22.35	ug/l		98
85) sec-Butylbenzene	13.39	105	1442	2.25	ug/l		94
89) n-Butylbenzene	13.83	91	1410	2.55	ug/l	#	67
95) Naphthalene	15.38	128	4760	14.11	ug/l	#	79

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071718\
Data File : VW004015.D
Acq On : 18 Jul 2018 06:28
Operator : VA/AP
Sample : J3819-01RE
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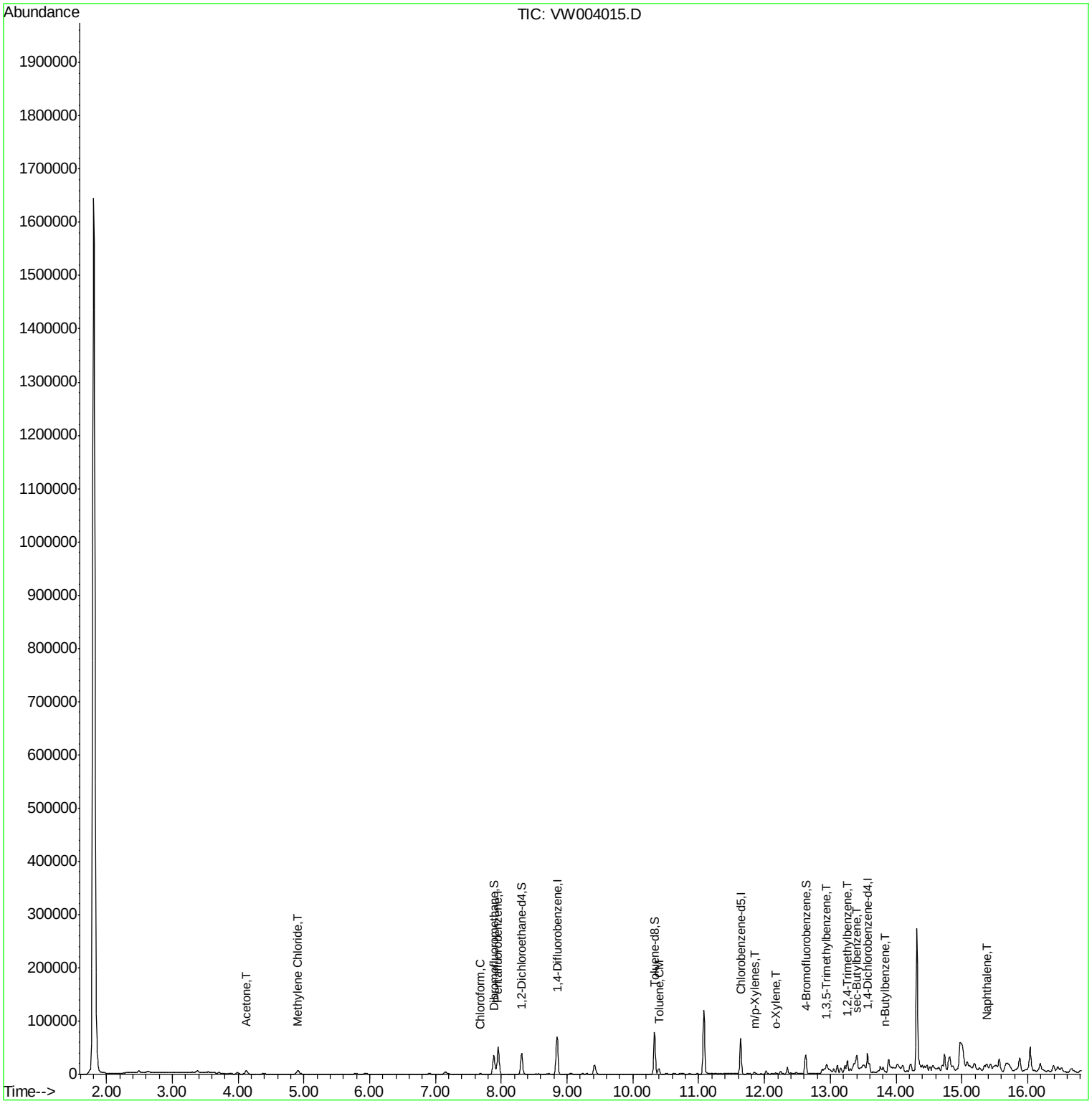
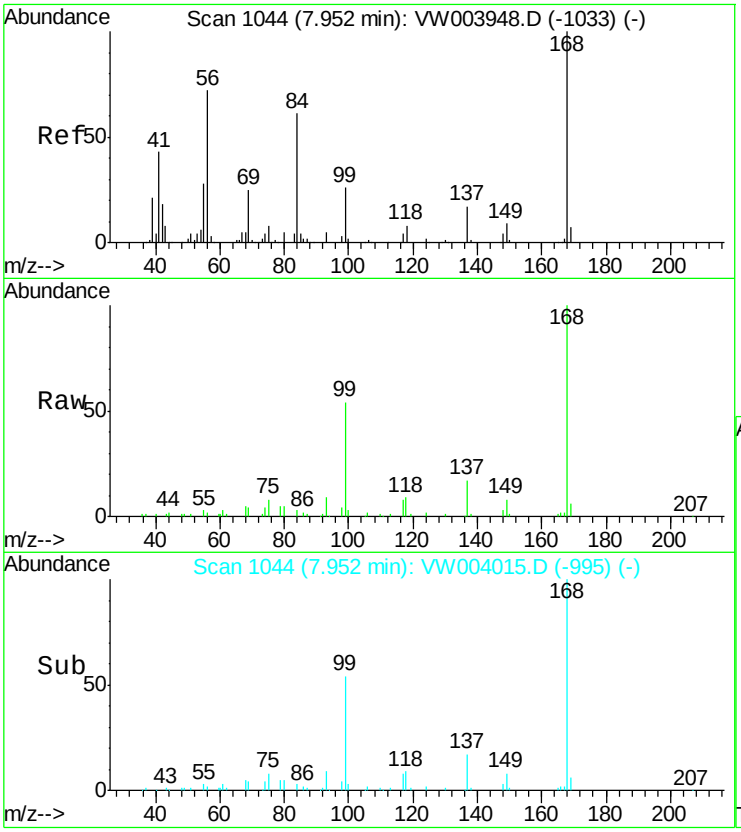
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-ARE

Quant Time: Jul 18 07:56:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration



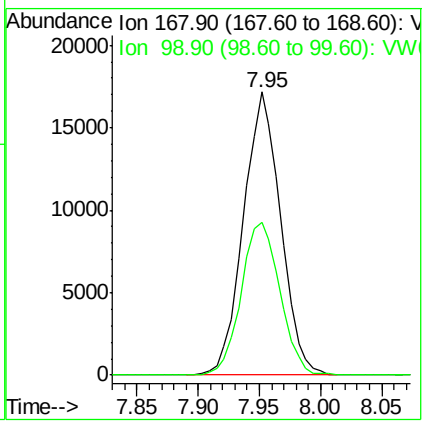


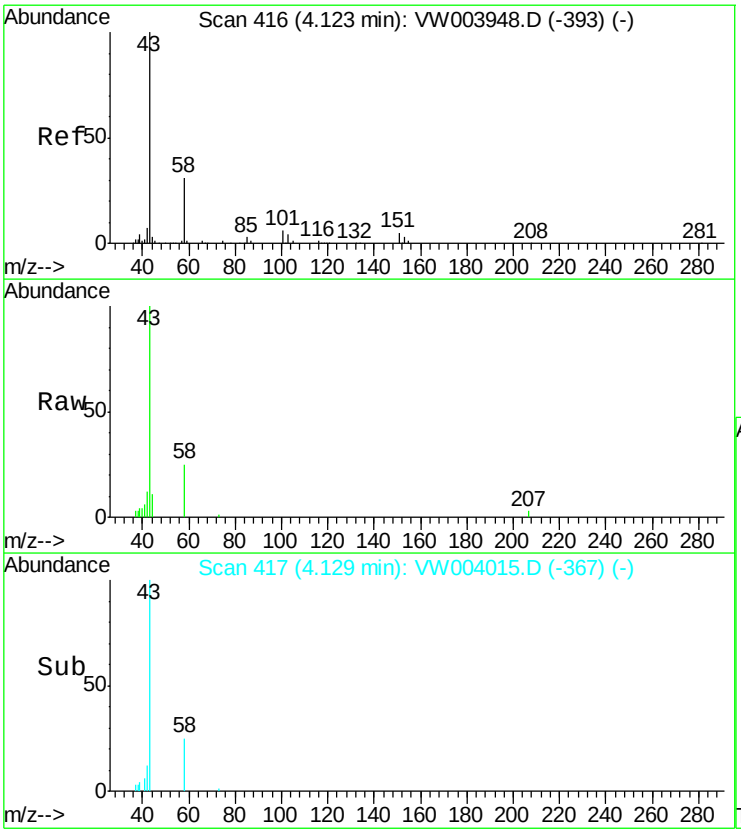
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-ARE

Tgt Ion:168 Resp: 36312

Ion	Ratio	Lower	Upper
168	100		
99	54.1	43.8	65.6

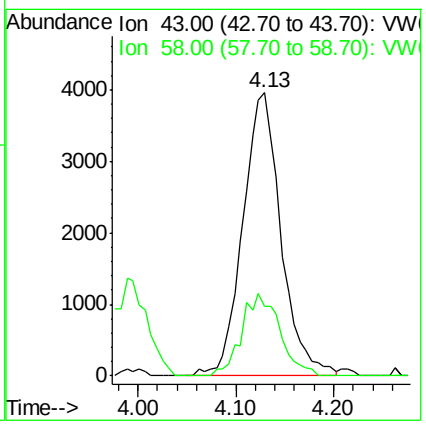


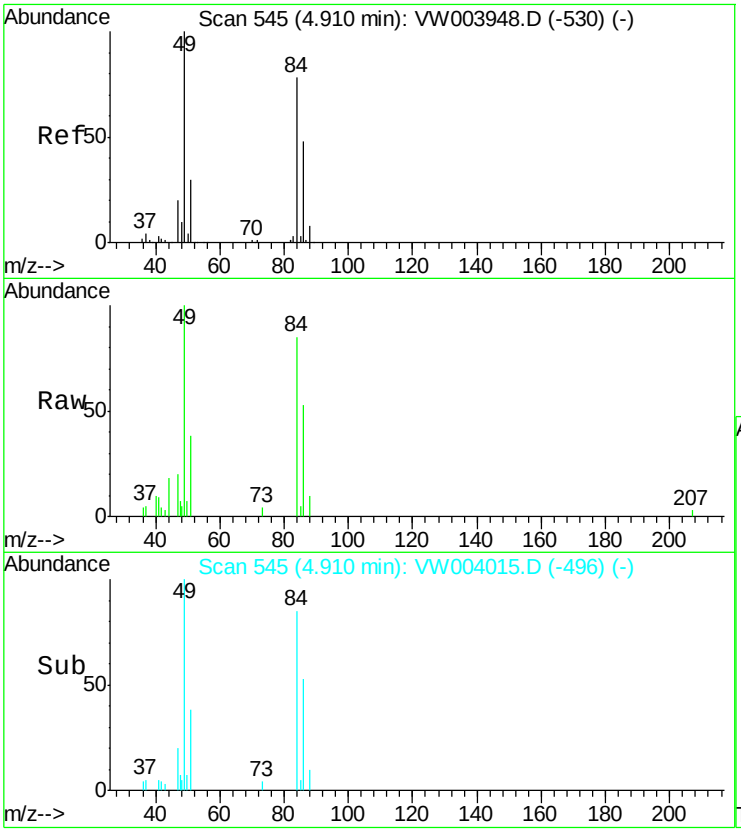


#16
Acetone
Concen: 109.79 ug/l
RT: 4.13 min Scan# 417
Delta R.T. 0.01 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Tgt Ion: 43 Resp: 10709

Ion	Ratio	Lower	Upper
43	100		
58	24.5	24.5	36.7



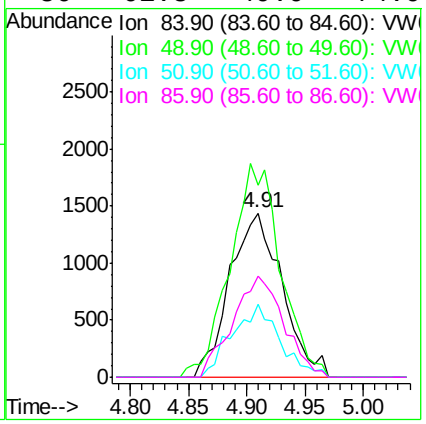


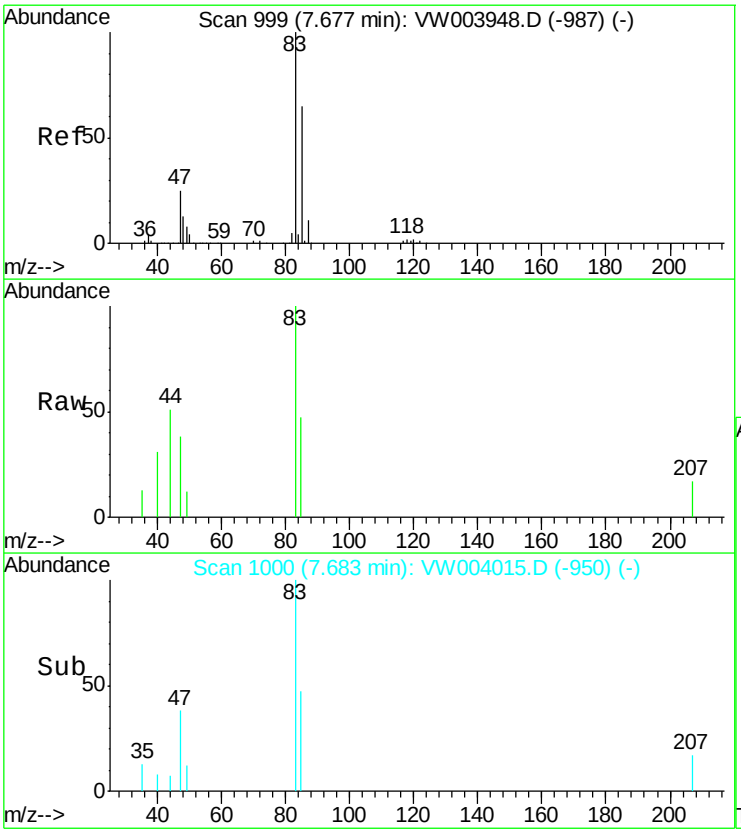
#20
Methylene Chloride
Concen: 3.02 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Instrument : MSVOA_W
ClientSampleId : AU-05-071318-ARE

Tgt Ion: 84 Resp: 4482

Ion	Ratio	Lower	Upper
84	100		
49	117.3	102.9	154.3
51	44.5	30.9	46.3
86	61.8	49.9	74.9

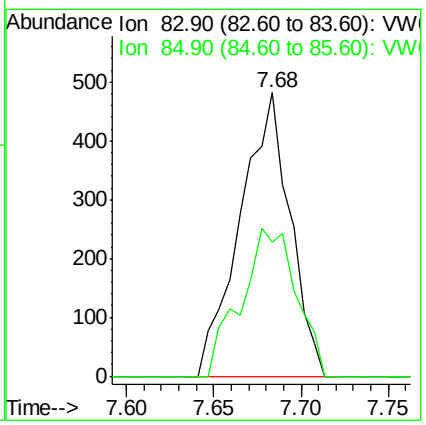


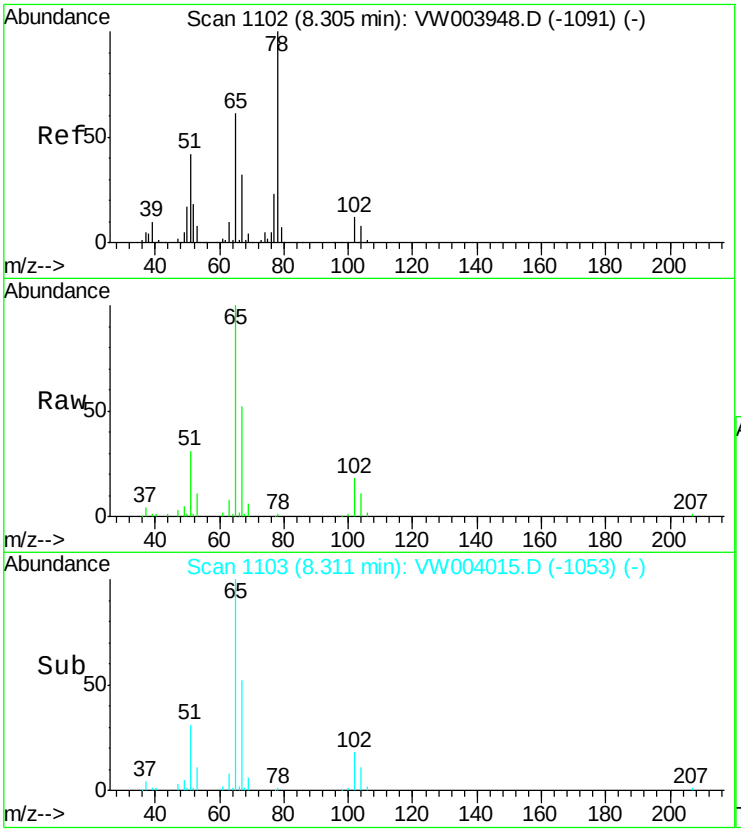


#30
Chloroform
Concen: 1.34 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.01 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Tgt Ion: 83 Resp: 958

Ion	Ratio	Lower	Upper
83	100		
85	47.3	52.2	78.4#



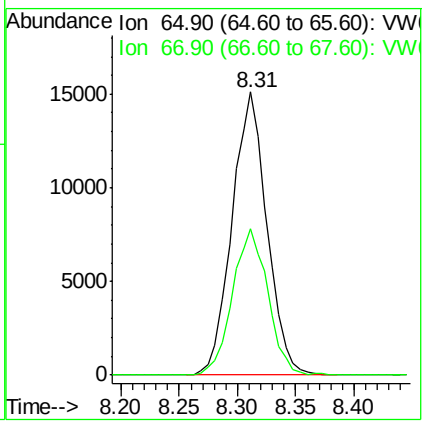


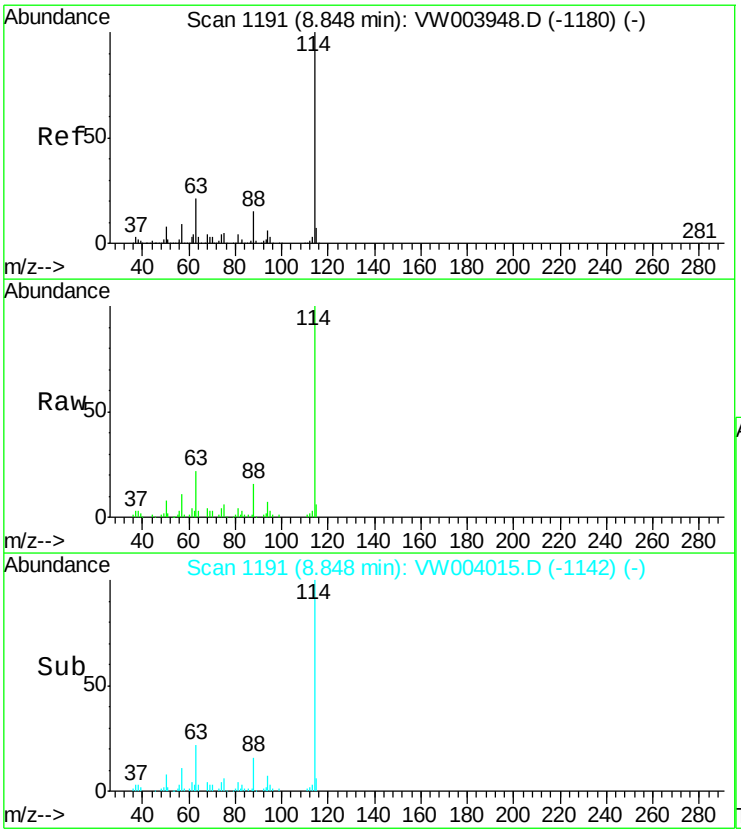
#33
1,2-Dichloroethane-d4
Concen: 77.60 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-ARE

Tgt Ion: 65 Resp: 31498

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.0

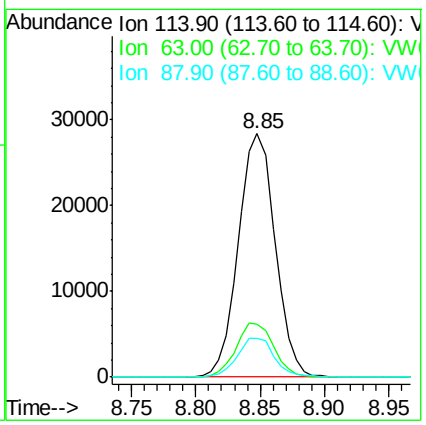


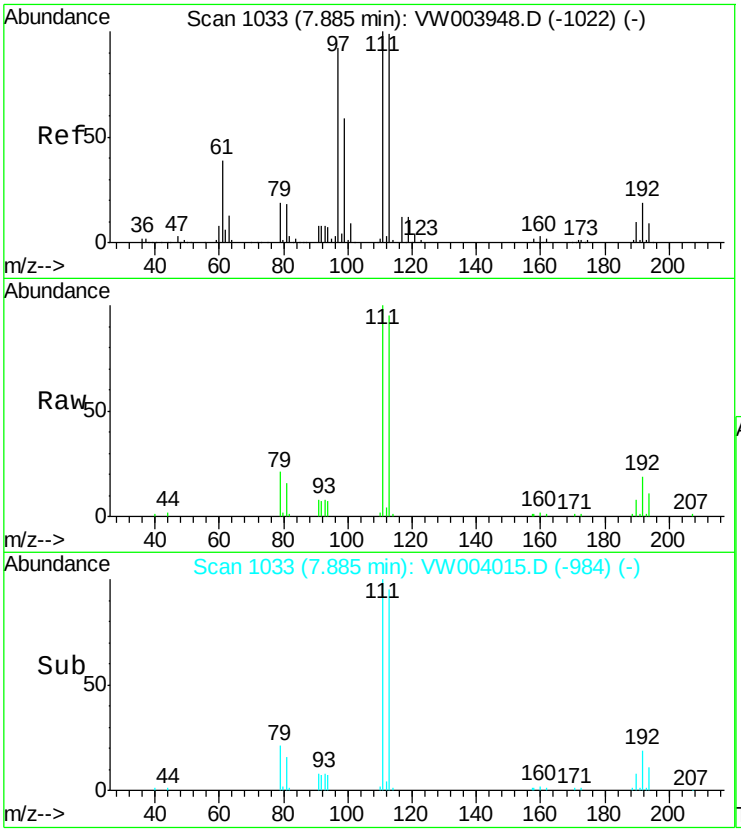


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Tgt Ion:114 Resp: 56062

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	42.8
88	16.1	0.0	30.4



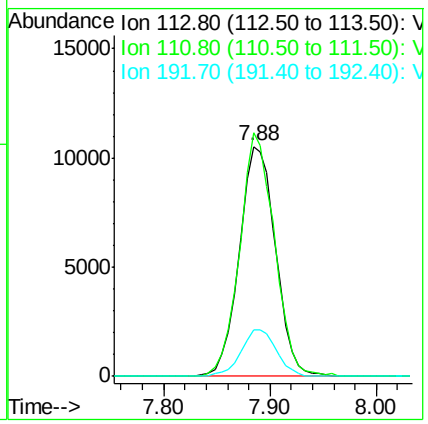


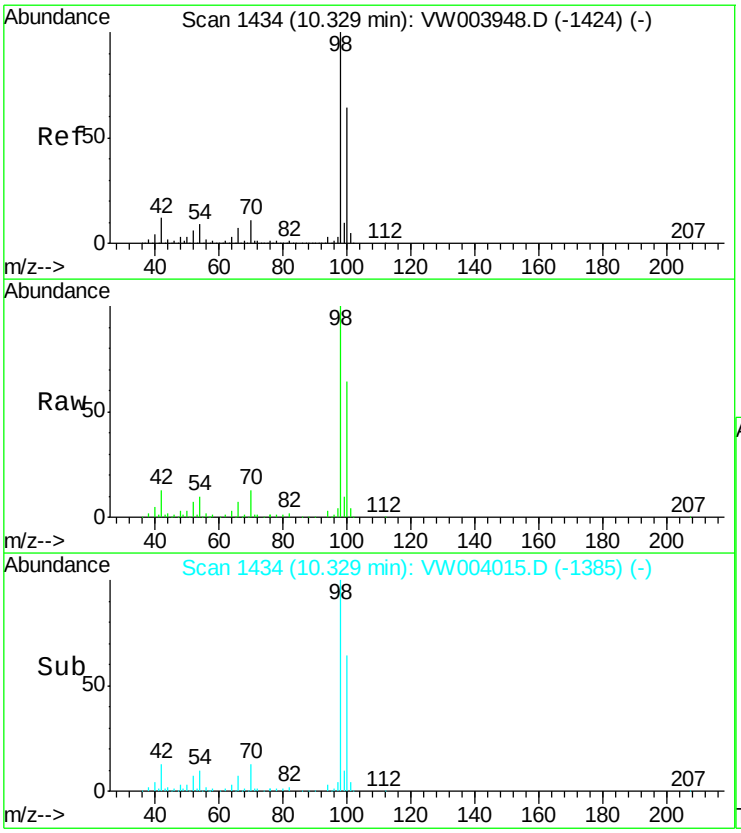
#35
Dibromofluoromethane
Concen: 69.85 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-ARE

Tgt Ion:113 Resp: 25124

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.3	121.9
192	19.8	15.8	23.6

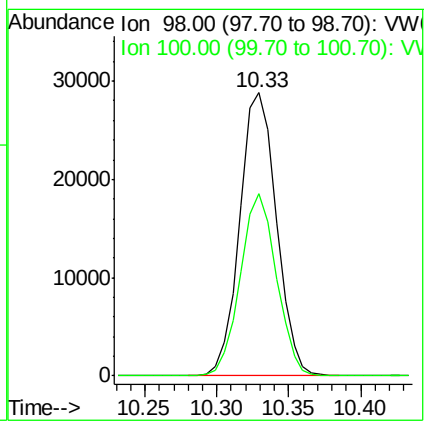


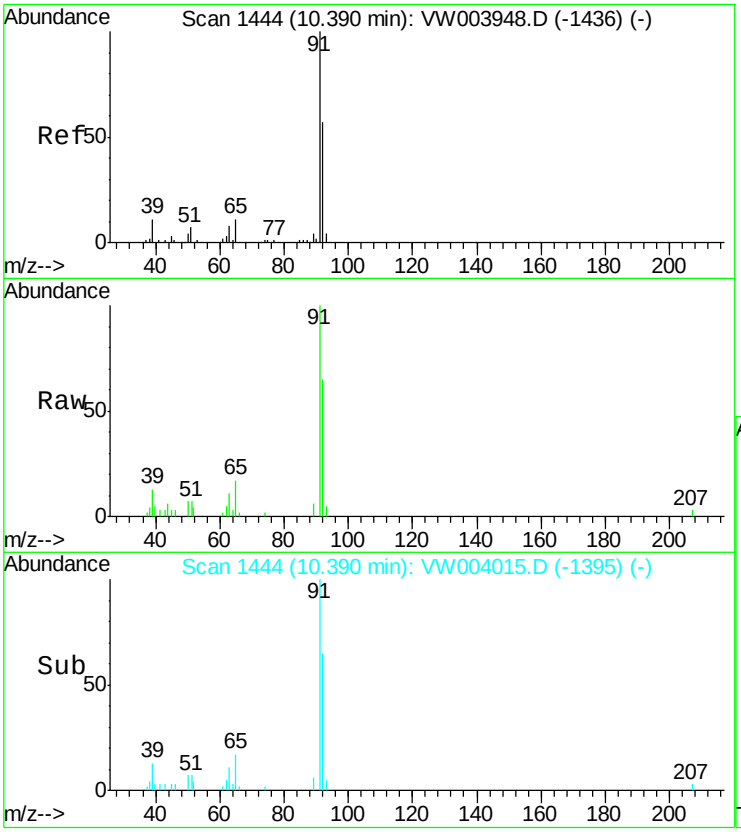


#50
Toluene-d8
Concen: 36.47 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Tgt Ion: 98 Resp: 50908

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.2	76.8



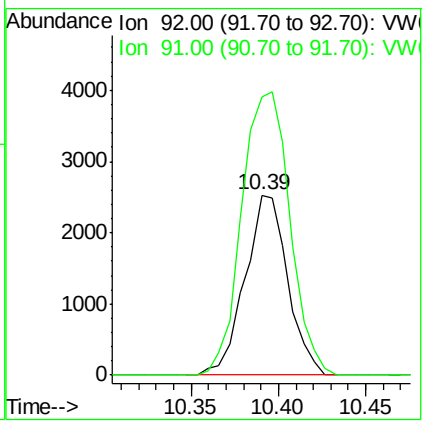


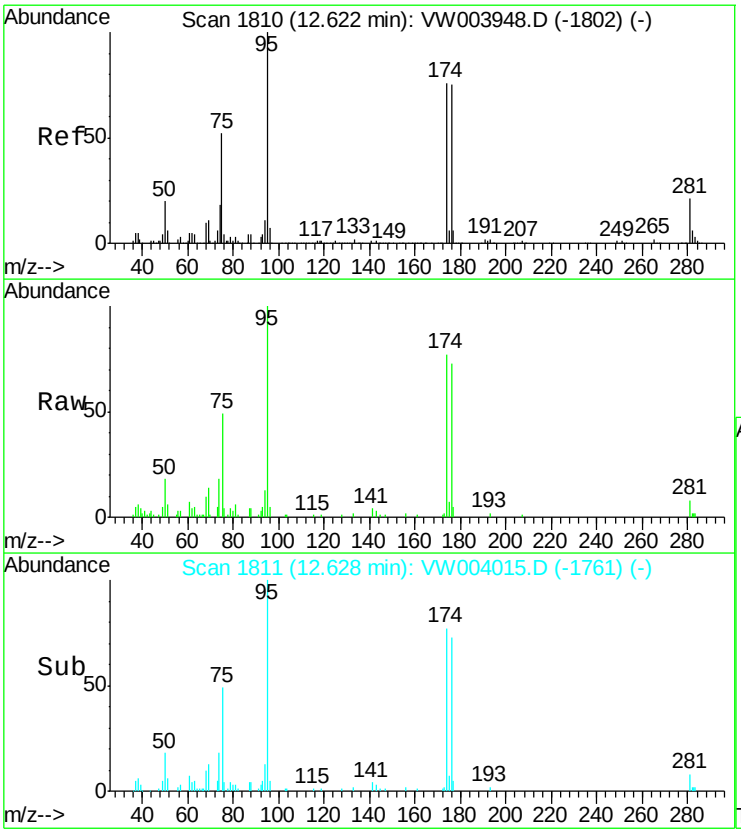
#52
Toluene
Concen: 4.35 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. -0.00 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Instrument : MSVOA_W
ClientSampleId : AU-05-071318-ARE

Tgt Ion: 92 Resp: 4307

Ion	Ratio	Lower	Upper
92	100		
91	177.8	139.6	209.4

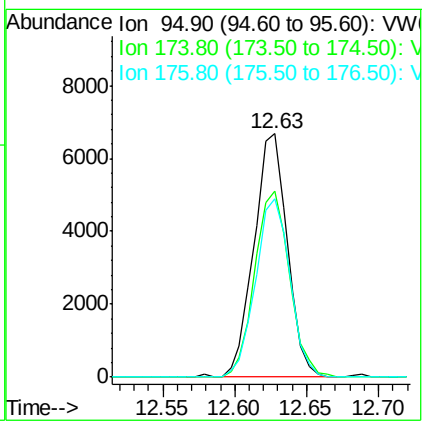


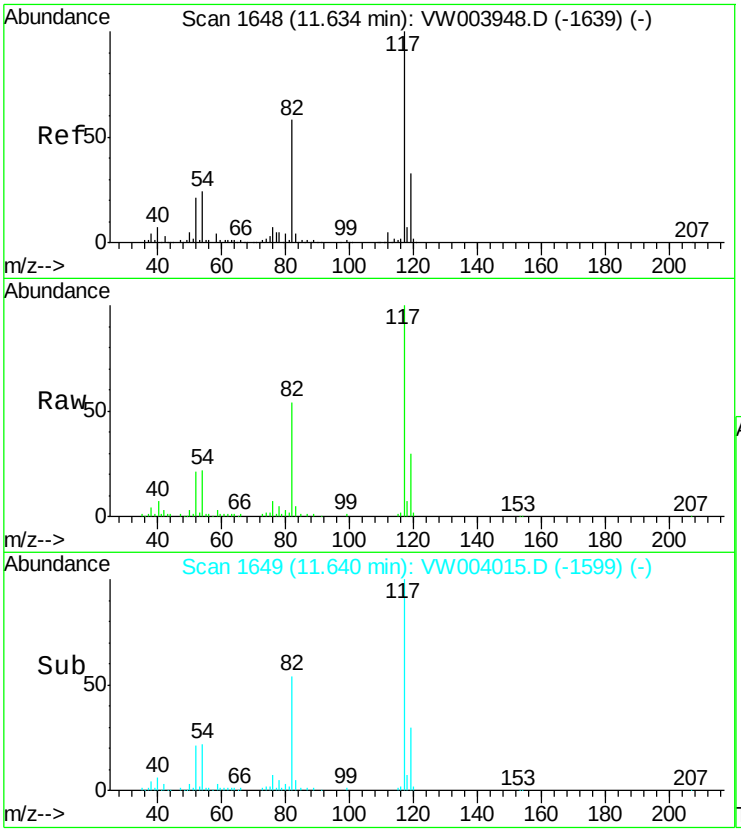


#62
4-Bromofluorobenzene
Concen: 21.18 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Tgt Ion: 95 Resp: 10661

Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	160.2
176	75.5	0.0	155.8



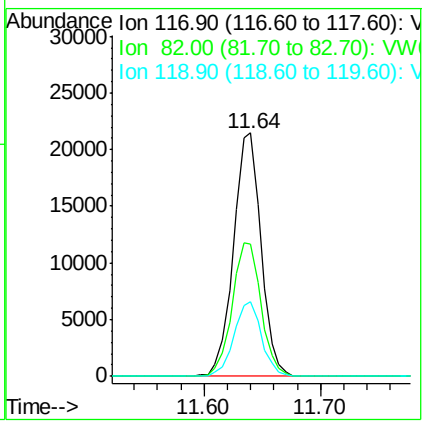


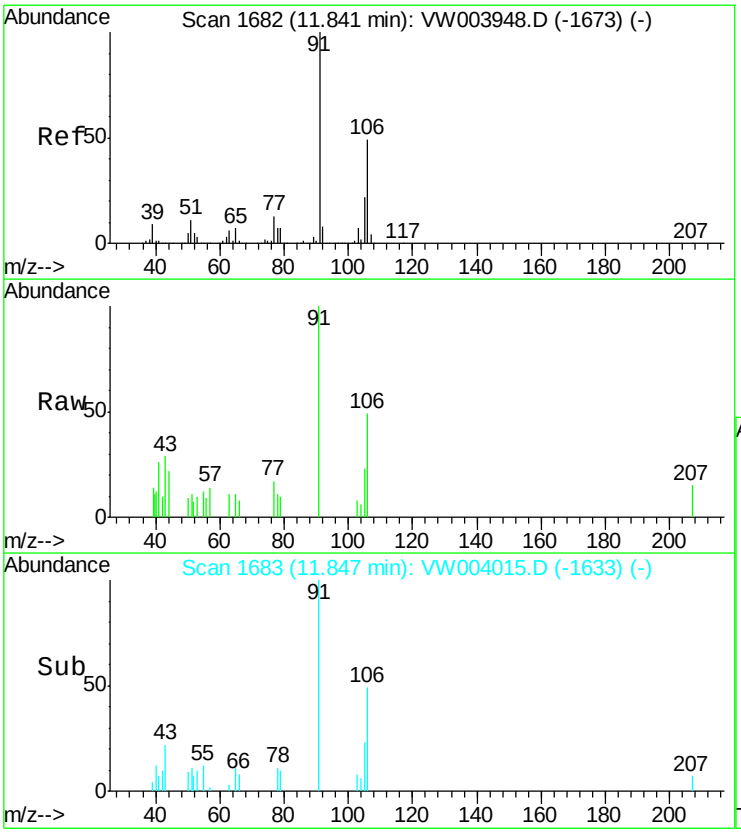
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Instrument : MSVOA_W
ClientSampleId : AU-05-071318-ARE

Tgt Ion:117 Resp: 35497

Ion	Ratio	Lower	Upper
117	100		
82	54.3	46.5	69.7
119	30.4	26.2	39.2

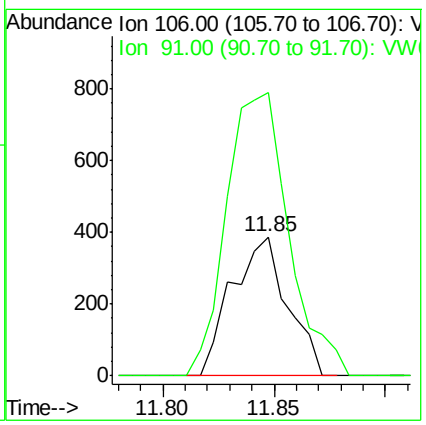


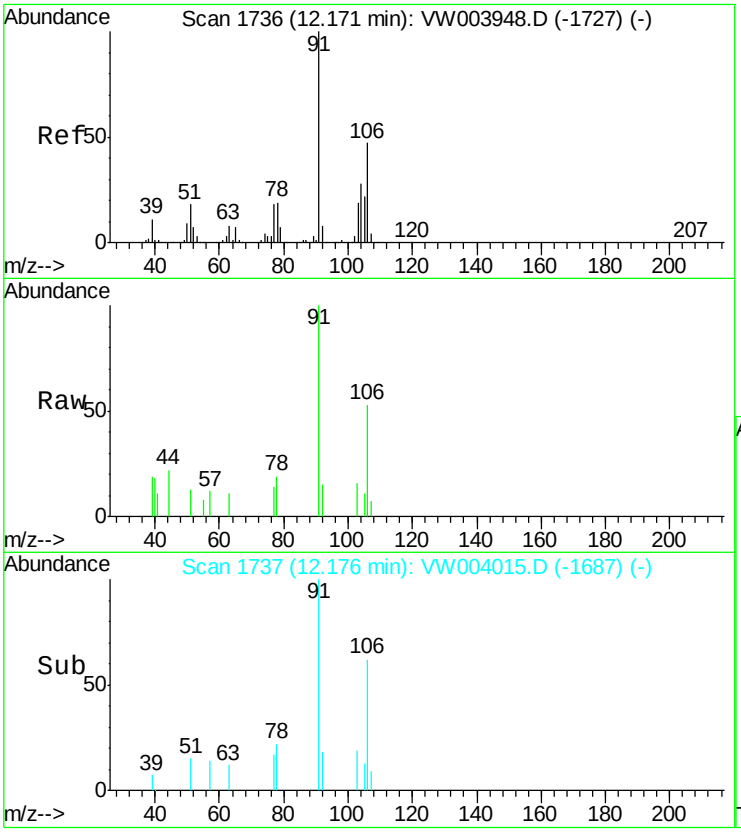


#68
m/p-Xylenes
Concen: 1.32 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Tgt Ion:106 Resp: 671

Ion	Ratio	Lower	Upper
106	100		
91	228.9	164.2	246.2



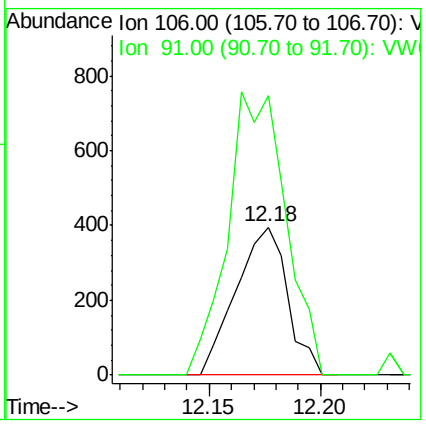


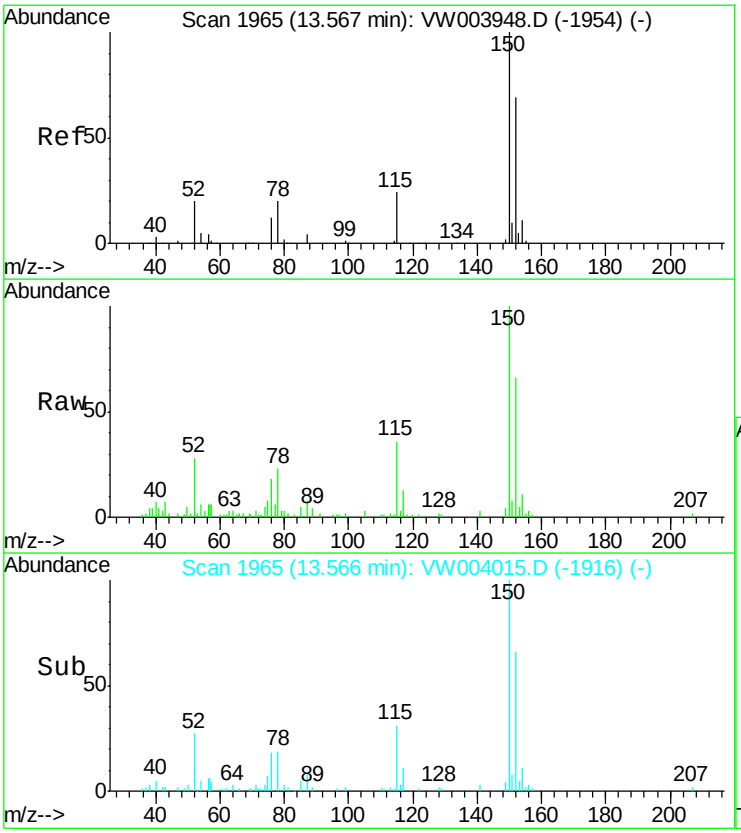
#69
o-Xylene
Concen: 1.36 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-ARE

Tgt Ion:106 Resp: 637

Ion	Ratio	Lower	Upper
106	100		
91	215.9	107.5	322.6

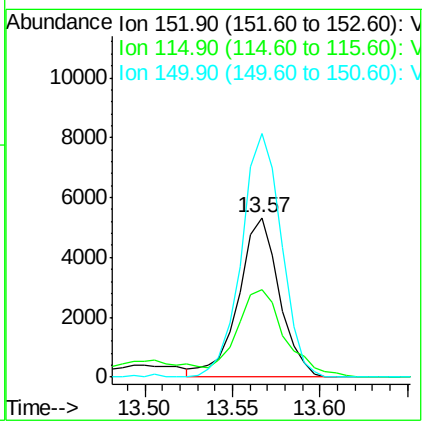


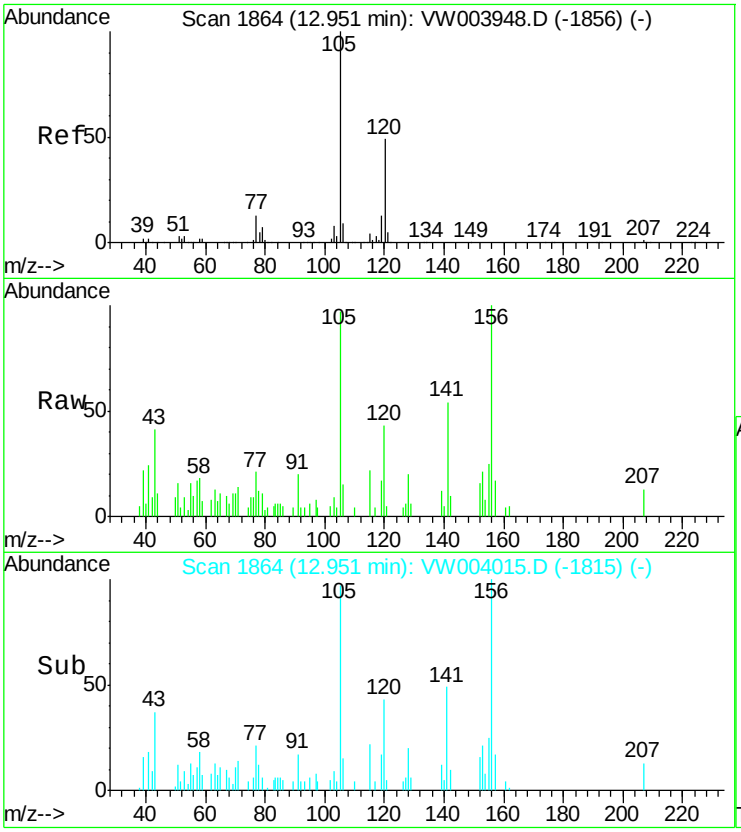


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Tgt Ion:152 Resp: 8647

Ion	Ratio	Lower	Upper
152	100		
115	64.5	29.2	87.6
150	149.3	0.0	345.2



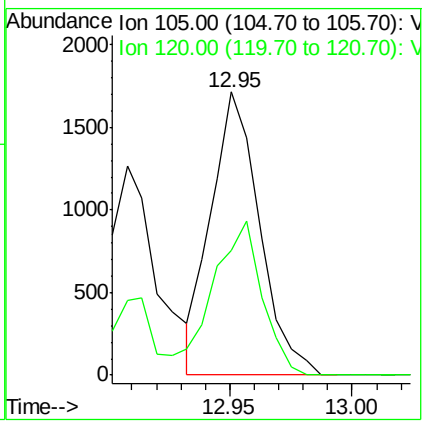


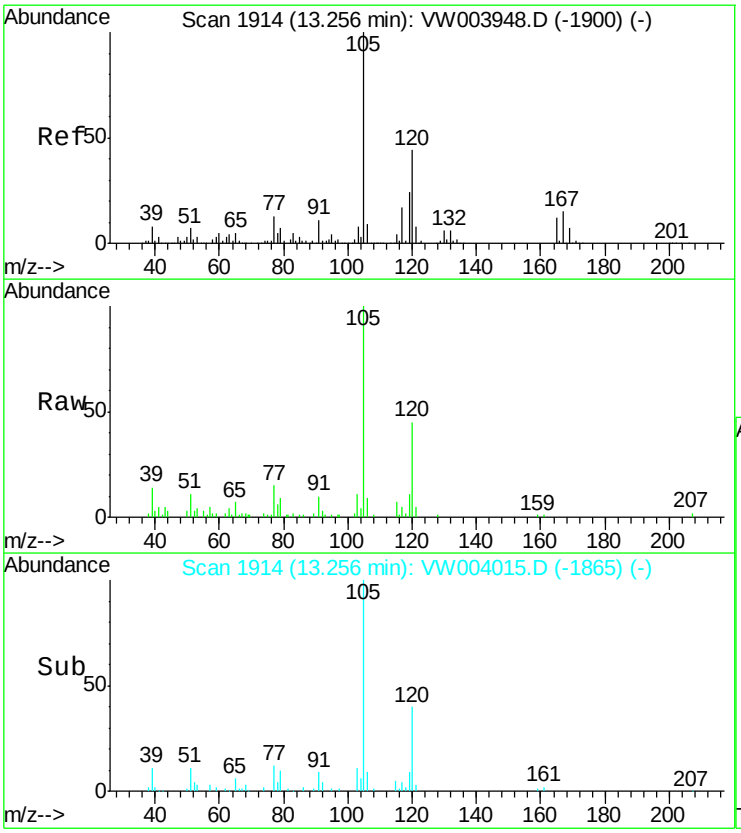
#80
1,3,5-Trimethylbenzene
Concen: 4.59 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-ARE

Tgt Ion:105 Resp: 2361

Ion	Ratio	Lower	Upper
105	100		
120	55.2	24.4	73.2

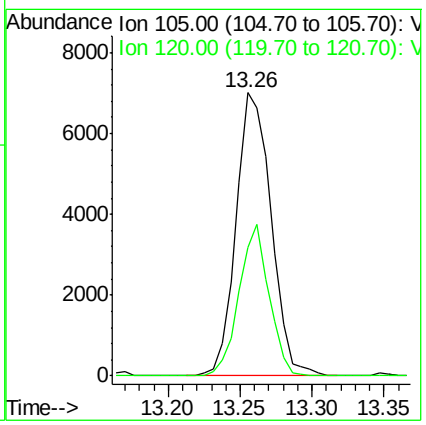


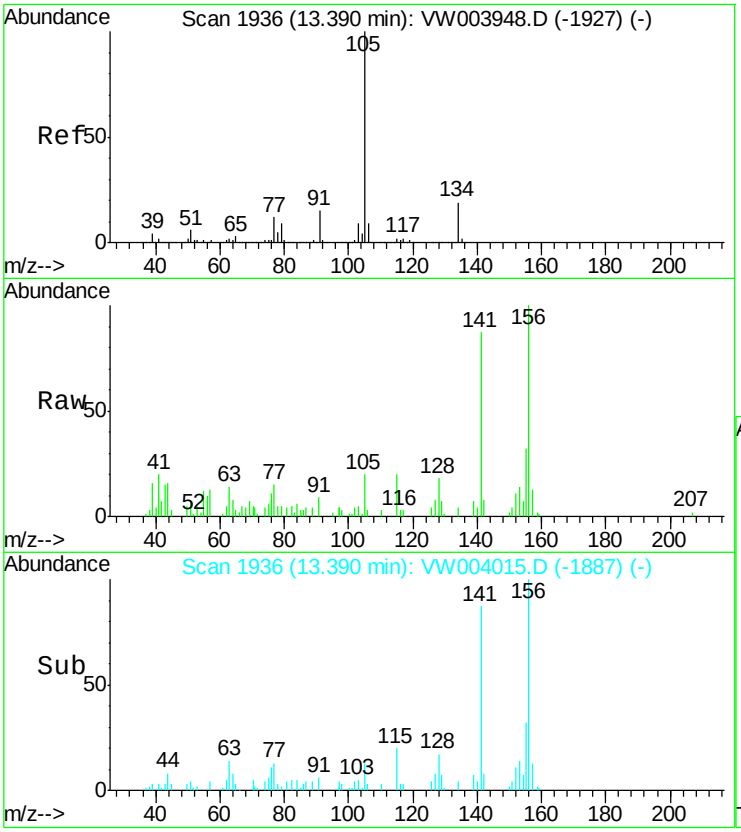


#84
1,2,4-Trimethylbenzene
Concen: 22.35 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Tgt Ion:105 Resp: 11823

Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.1	66.1



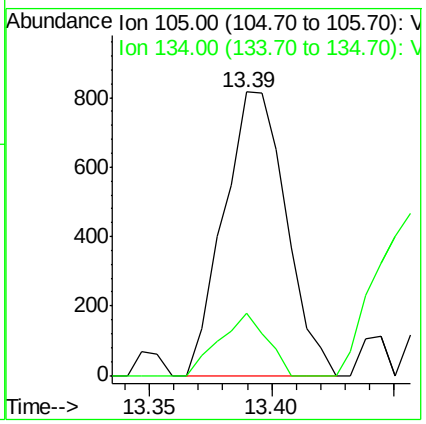


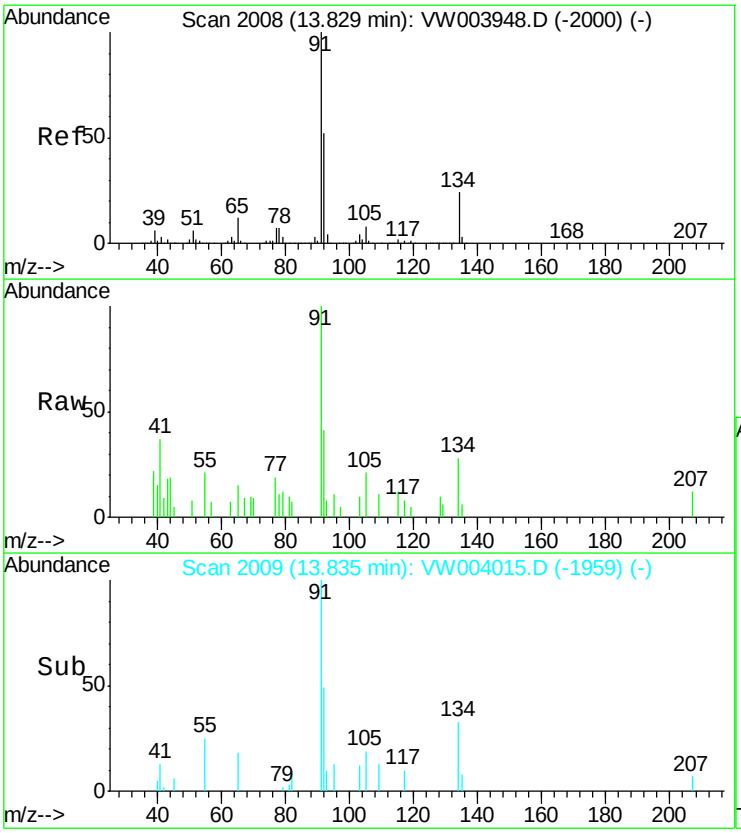
#85
sec-Butylbenzene
Concen: 2.25 ug/l
RT: 13.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-ARE

Tgt Ion:105 Resp: 1442

Ion	Ratio	Lower	Upper
105	100		
134	16.7	9.8	29.4

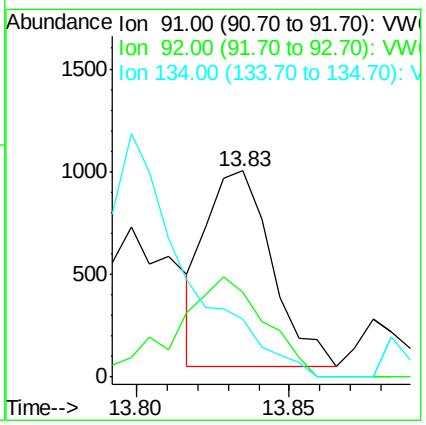


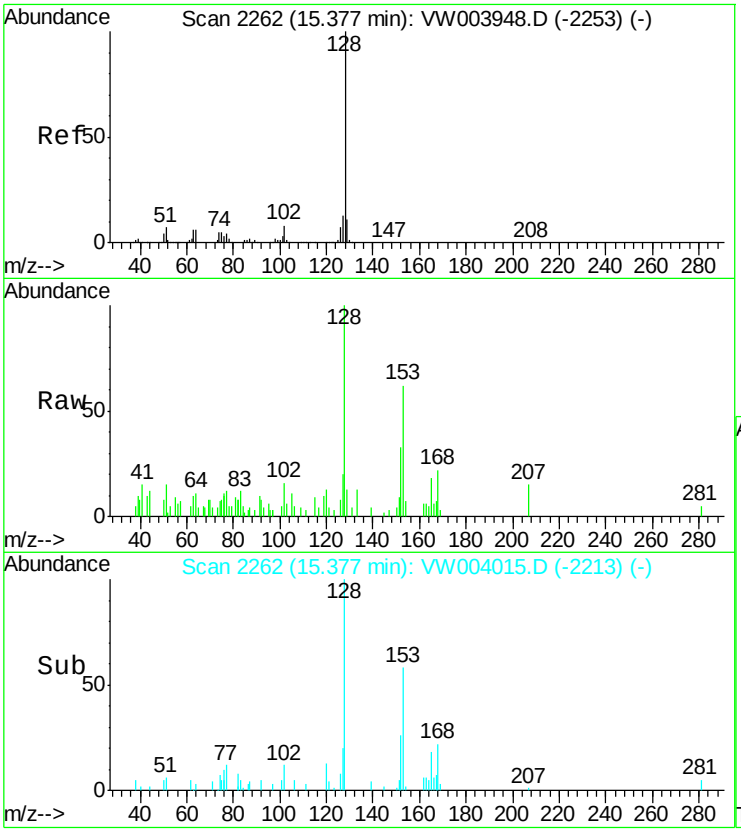


#89
n-Butylbenzene
Concen: 2.55 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Tgt Ion: 91 Resp: 1410

Ion	Ratio	Lower	Upper
91	100		
92	69.5	26.1	78.3
134	0.0	12.4	37.4#





#95
Naphthalene
Concen: 14.11 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-ARE

Tgt Ion:128 Resp: 4760

Ion	Ratio	Lower	Upper
128	100		
127	24.7	10.7	16.1#
129	15.3	8.7	13.1#