Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
Data File : VW012866.D
Acq On : 10 Sep 2019 13:24
Operator : SY/VA
Sample : K4668-01
Misc : 8.02G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-04-090319

Quant Time: Sep 10 15:19:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

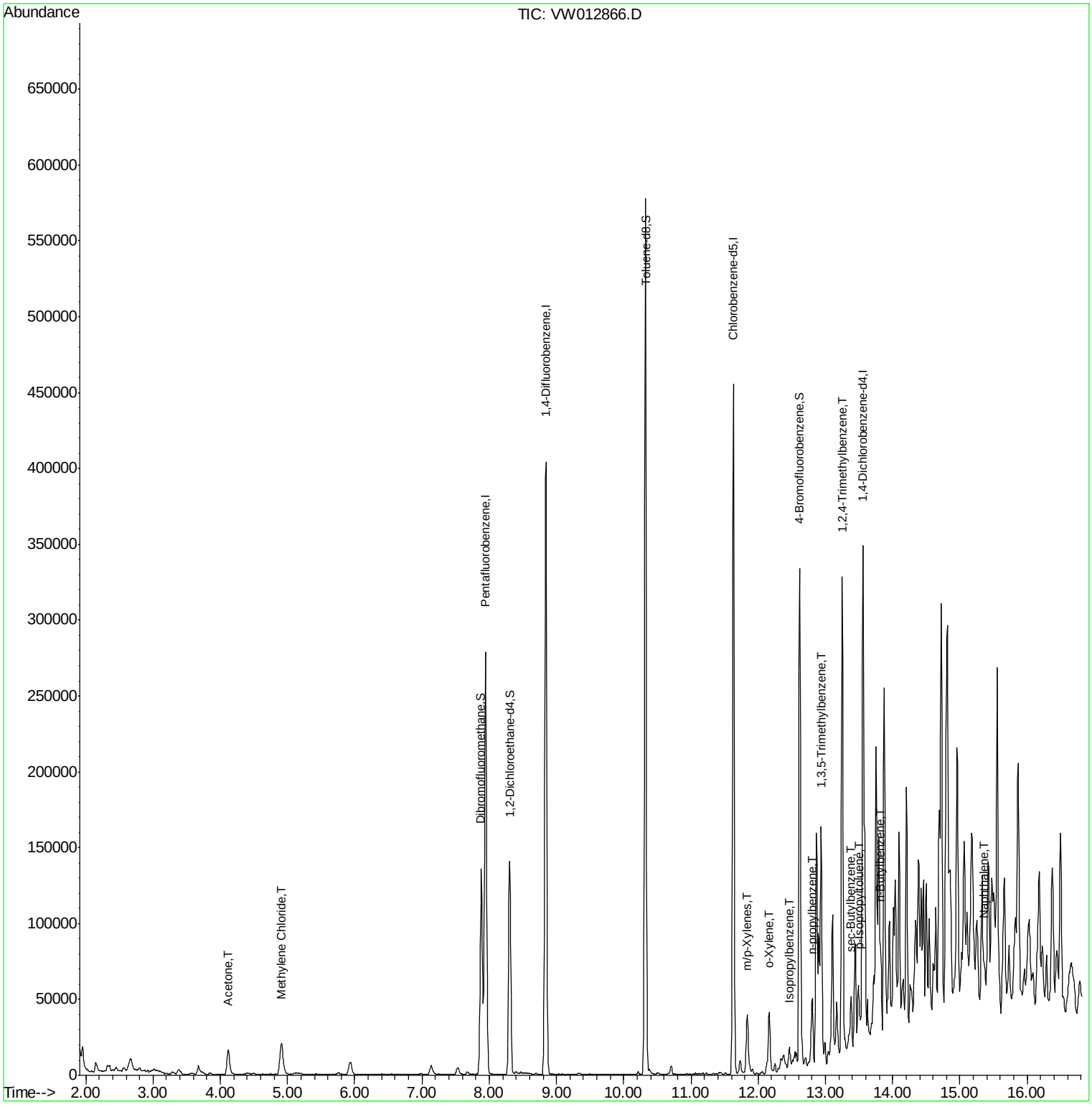
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	216662	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	333321	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	247741	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82157	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	115805	47.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.68%				
35) Dibromofluoromethane	7.88	113	97497	49.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.40%				
50) Toluene-d8	10.32	98	373879	48.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.32%				
62) 4-Bromofluorobenzene	12.62	95	103369	36.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 73.36%				
Target Compounds							Qvalue
16) Acetone	4.12	43	30151	45.686	ug/l		98
20) Methylene Chloride	4.91	84	15946	7.723	ug/l		92
68) m/p-Xylenes	11.84	106	9080	2.863	ug/l		96
69) o-Xylene	12.16	106	9854	3.294	ug/l		98
73) Isopropylbenzene	12.46	105	6716	1.140	ug/l		96
78) n-propylbenzene	12.80	91	33873	4.806	ug/l		99
80) 1,3,5-Trimethylbenzene	12.94	105	43991	8.860	ug/l		99
84) 1,2,4-Trimethylbenzene	13.25	105	166490	33.277	ug/l		98
85) sec-Butylbenzene	13.38	105	20168	3.310	ug/l		92
86) p-Isopropyltoluene	13.50	119	12082	2.171	ug/l		98
89) n-Butylbenzene	13.82	91	40067	7.417	ug/l	#	73
95) Naphthalene	15.36	128	9599	6.977	ug/l		96

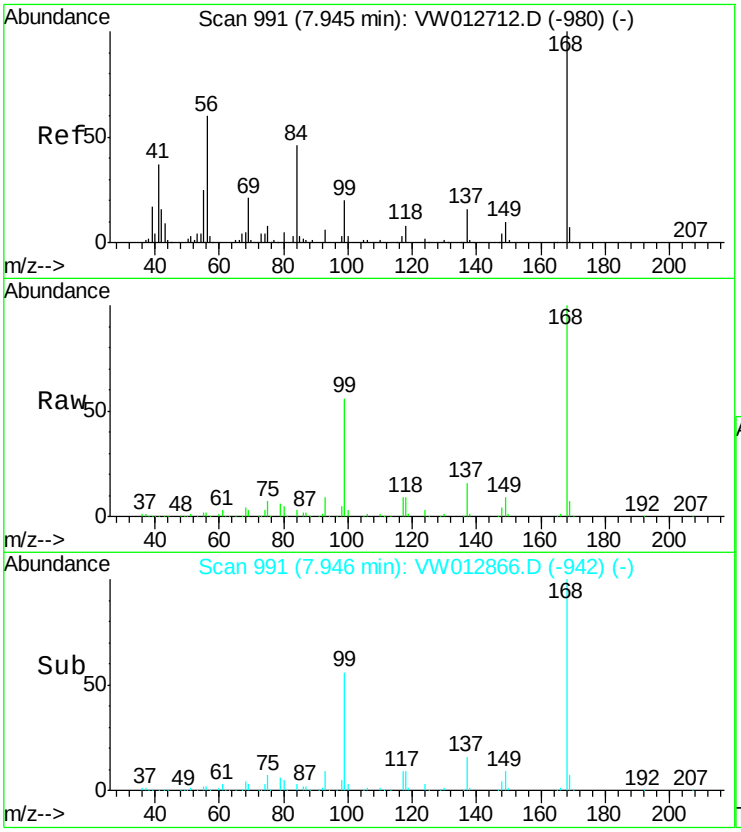
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091019\
Data File : VW012866.D
Acq On : 10 Sep 2019 13:24
Operator : SY/VA
Sample : K4668-01
Misc : 8.02G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-04-090319

Quant Time: Sep 10 15:19:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration



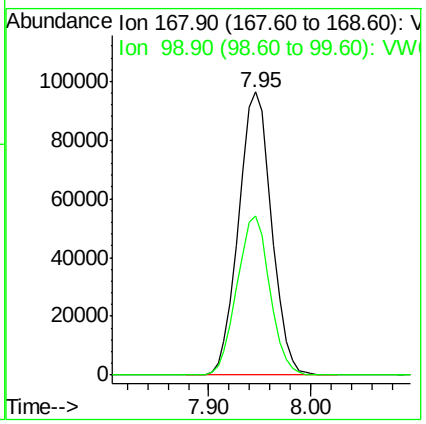


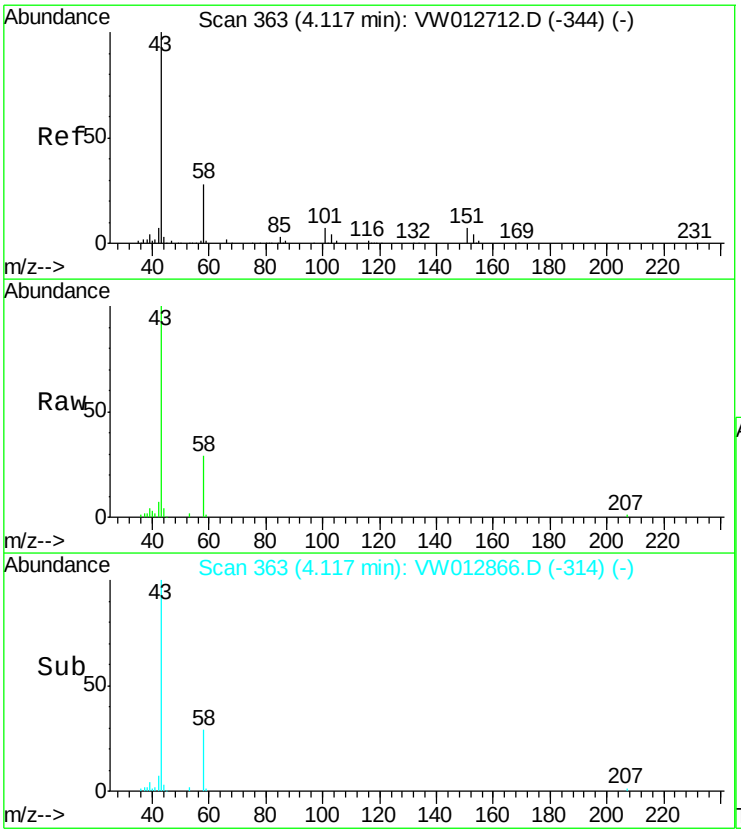
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW012866.D
Acq: 10 Sep 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
SU-04-090319

Tgt Ion:168 Resp: 216662

Ion	Ratio	Lower	Upper
168	100		
99	56.2	47.8	71.6

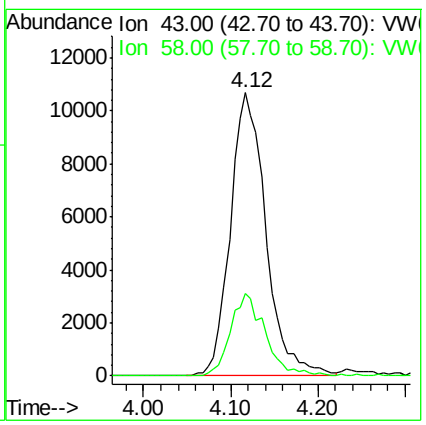


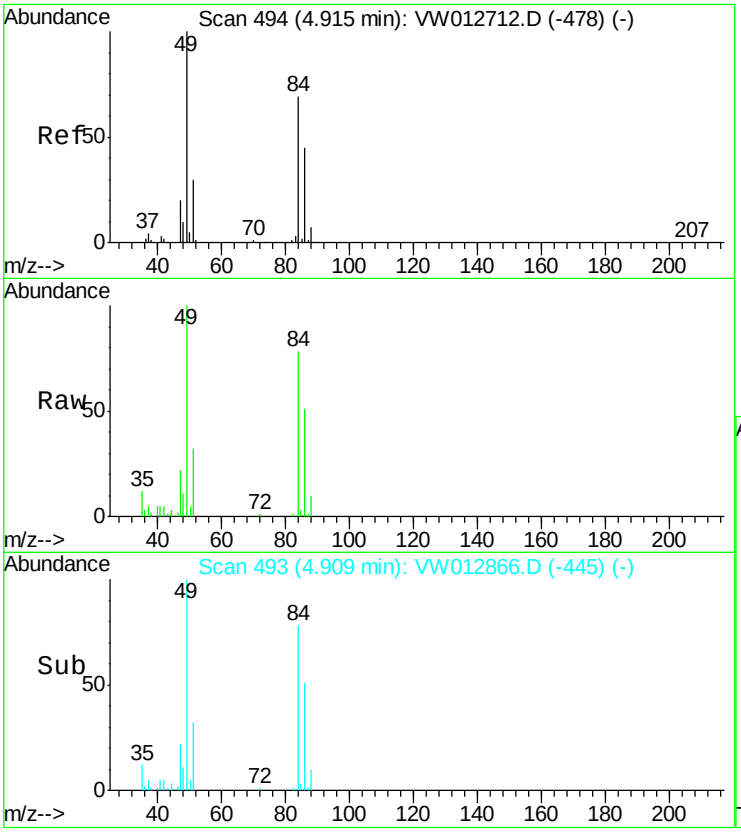


#16
Acetone
Concen: 45.686 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW012866.D
Acq: 10 Sep 2019 13:24

Tgt Ion: 43 Resp: 30151

Ion	Ratio	Lower	Upper
43	100		
58	29.3	22.6	33.8



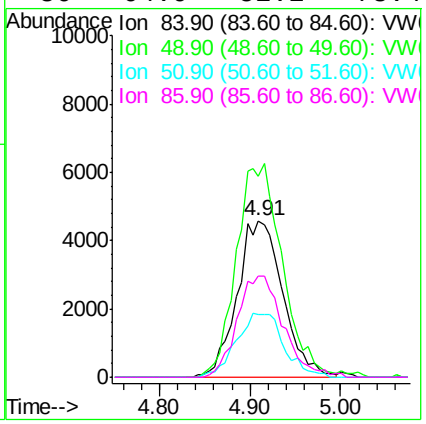


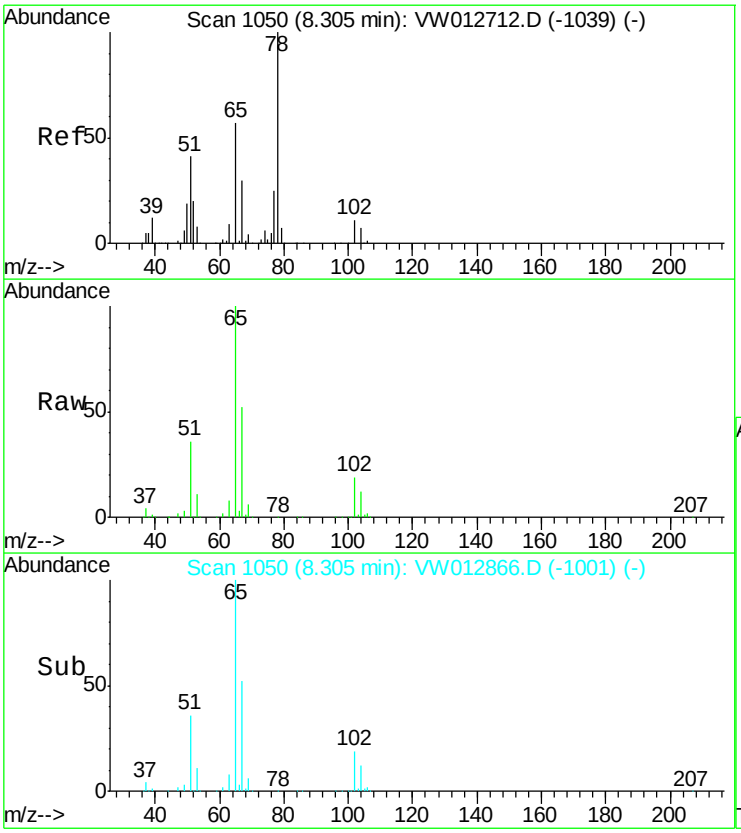
#20
Methylene Chloride
Concen: 7.723 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012866.D
Acq: 10 Sep 2019 13:24

Instrument : MSVOA_W
ClientSampleId : SU-04-090319

Tgt Ion: 84 Resp: 15946

Ion	Ratio	Lower	Upper
84	100		
49	128.4	115.4	173.0
51	40.4	34.9	52.3
86	64.9	52.2	78.4

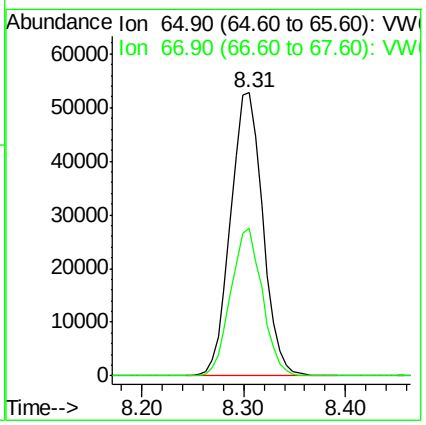


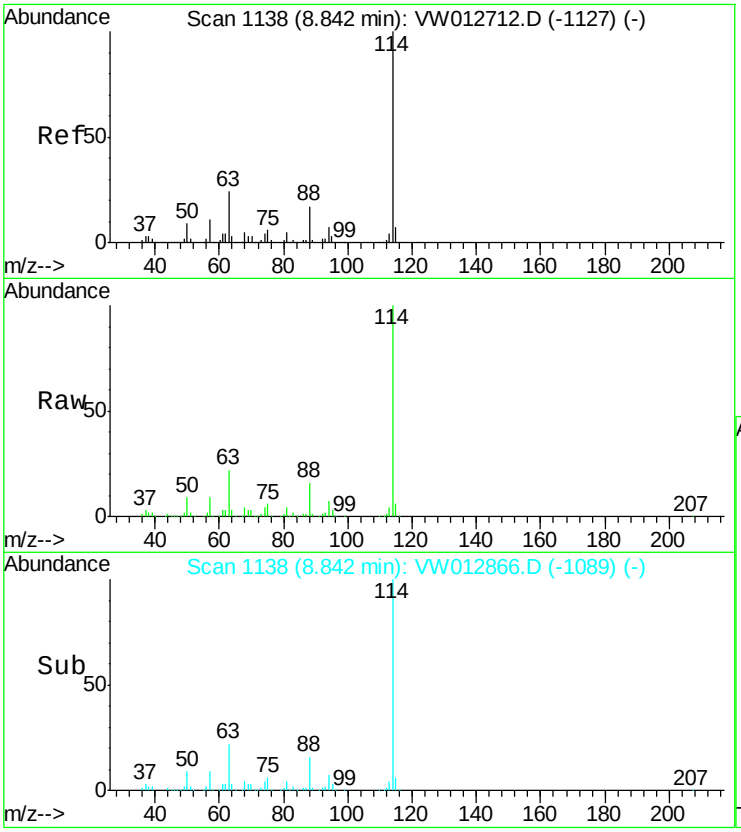


#33
1,2-Dichloroethane-d4
Concen: 47.837 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012866.D
Acq: 10 Sep 2019 13:24

Tgt Ion: 65 Resp: 115805

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.8



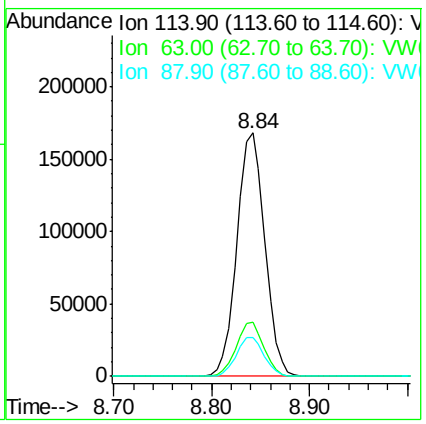


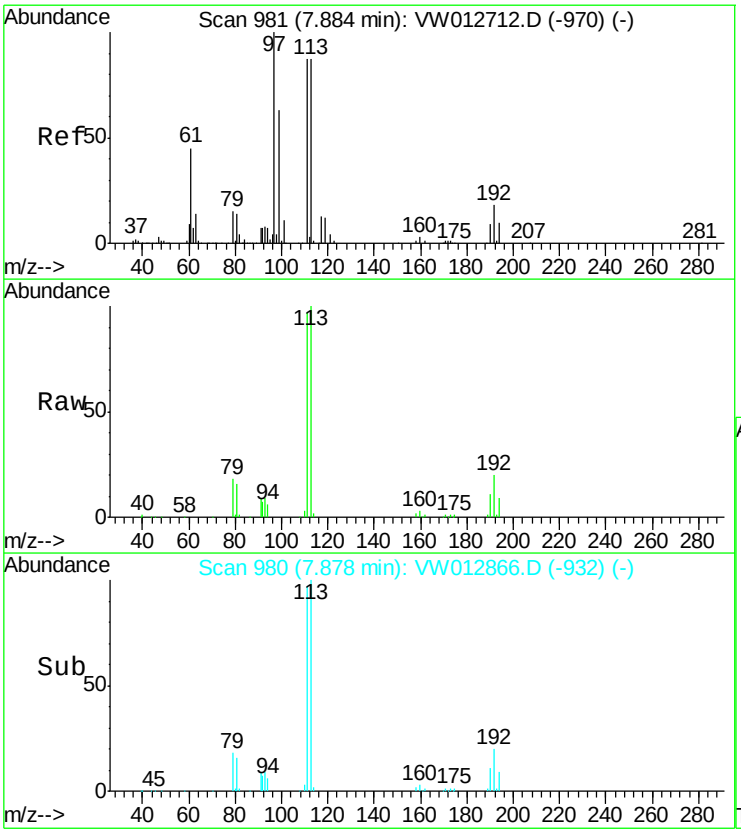
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW012866.D
Acq: 10 Sep 2019 13:24

Instrument : MSVOA_W
ClientSampleId : SU-04-090319

Tgt Ion:114 Resp: 333321

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	47.2
88	15.8	0.0	34.0

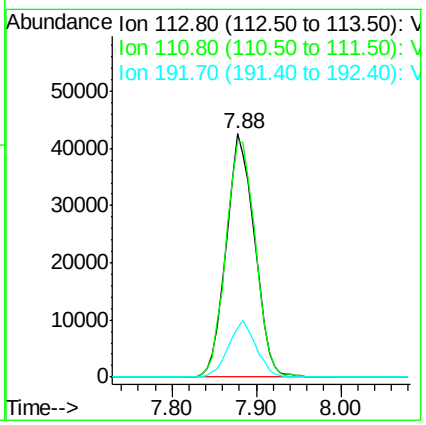


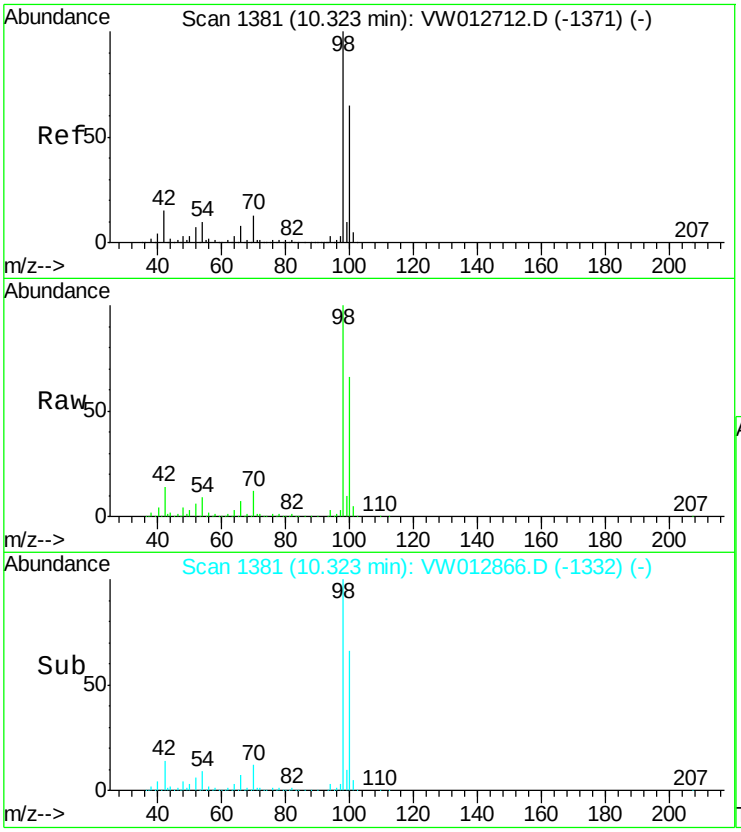


#35
Dibromofluoromethane
Concen: 49.199 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012866.D
Acq: 10 Sep 2019 13:24

Tgt Ion:113 Resp: 97497

Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.2	120.4
192	22.4	17.3	25.9



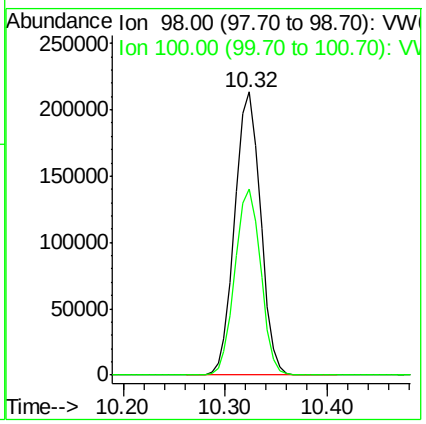


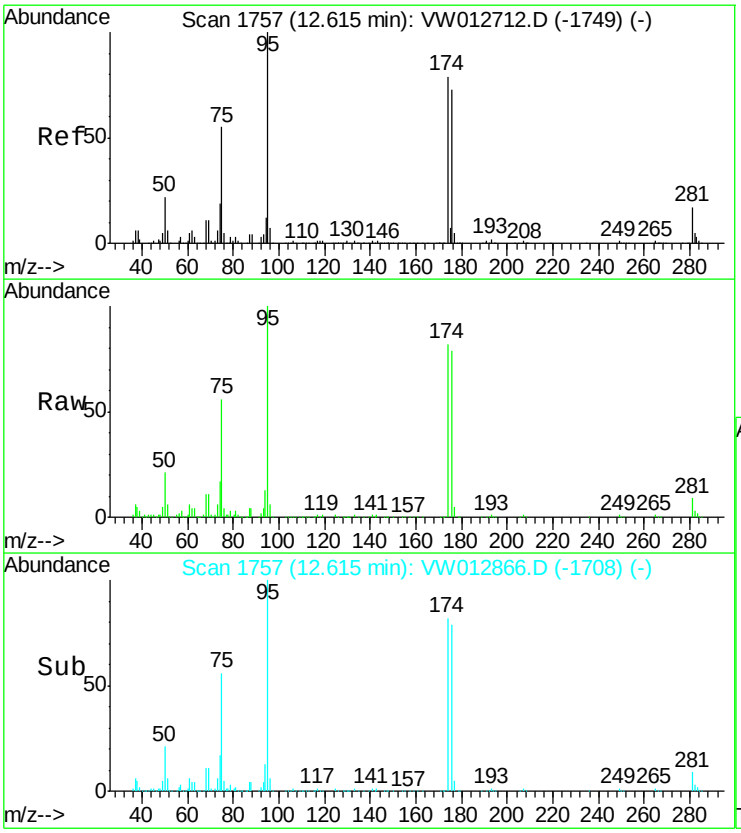
#50
Toluene-d8
Concen: 48.157 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012866.D
Acq: 10 Sep 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
SU-04-090319

Tgt Ion: 98 Resp: 373879

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.4

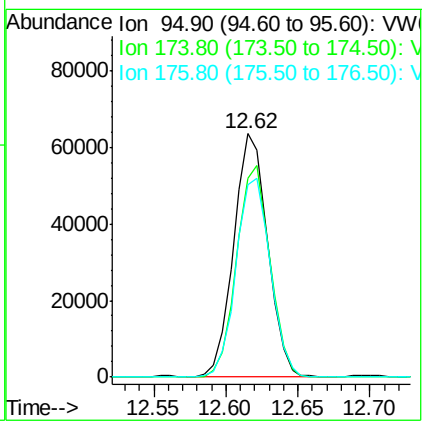


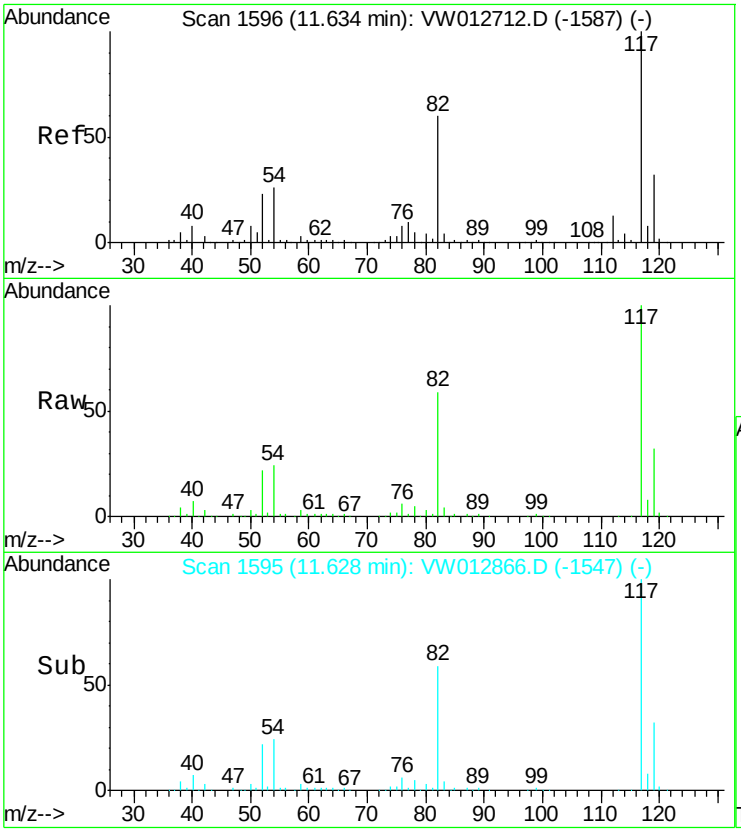


#62
4-Bromofluorobenzene
Concen: 36.675 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012866.D
Acq: 10 Sep 2019 13:24

Tgt Ion: 95 Resp: 103369

Ion	Ratio	Lower	Upper
95	100		
174	85.7	0.0	161.0
176	83.0	0.0	156.4



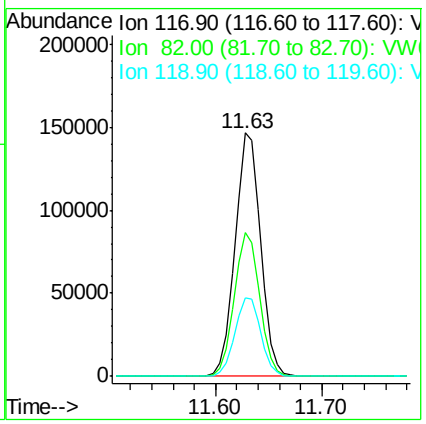


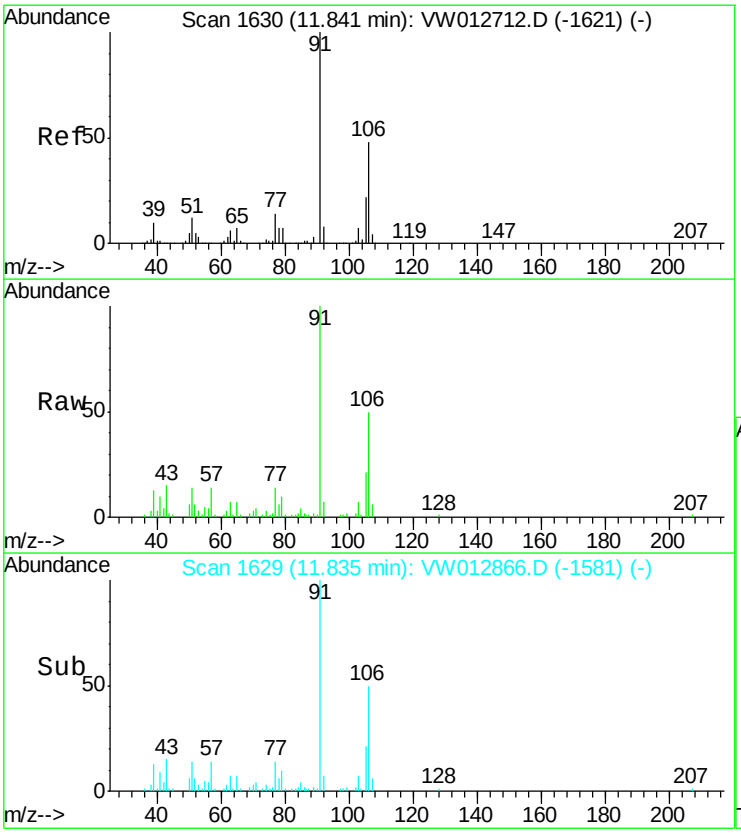
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012866.D
Acq: 10 Sep 2019 13:24

Instrument : MSVOA_W
ClientSampleId : SU-04-090319

Tgt Ion:117 Resp: 247741

Ion	Ratio	Lower	Upper
117	100		
82	58.8	48.2	72.4
119	32.1	25.8	38.6

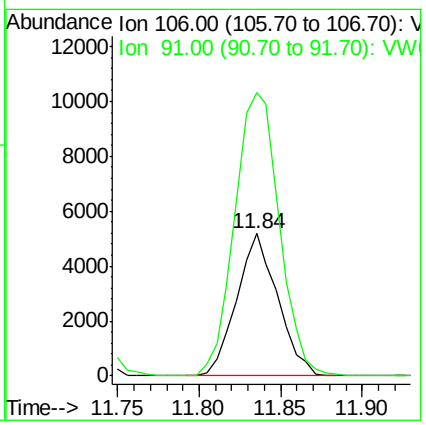


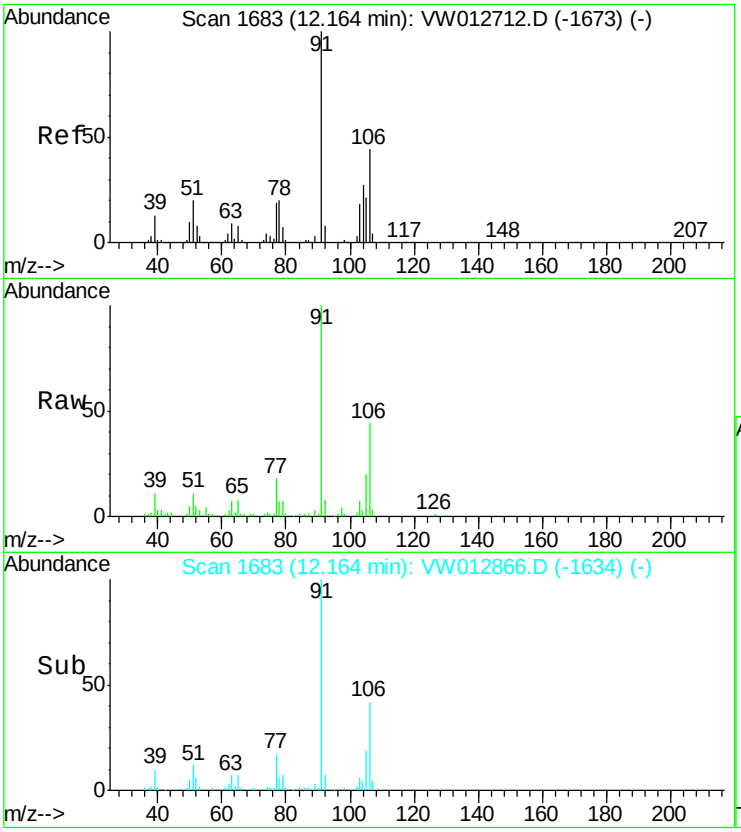


#68
m/p-Xylenes
Concen: 2.863 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012866.D
Acq: 10 Sep 2019 13:24

Tgt Ion:106 Resp: 9080

Ion	Ratio	Lower	Upper
106	100		
91	216.8	168.2	252.4



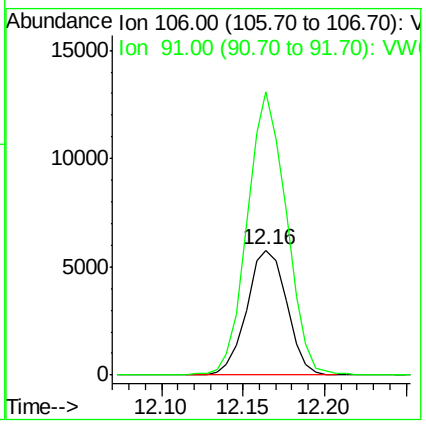


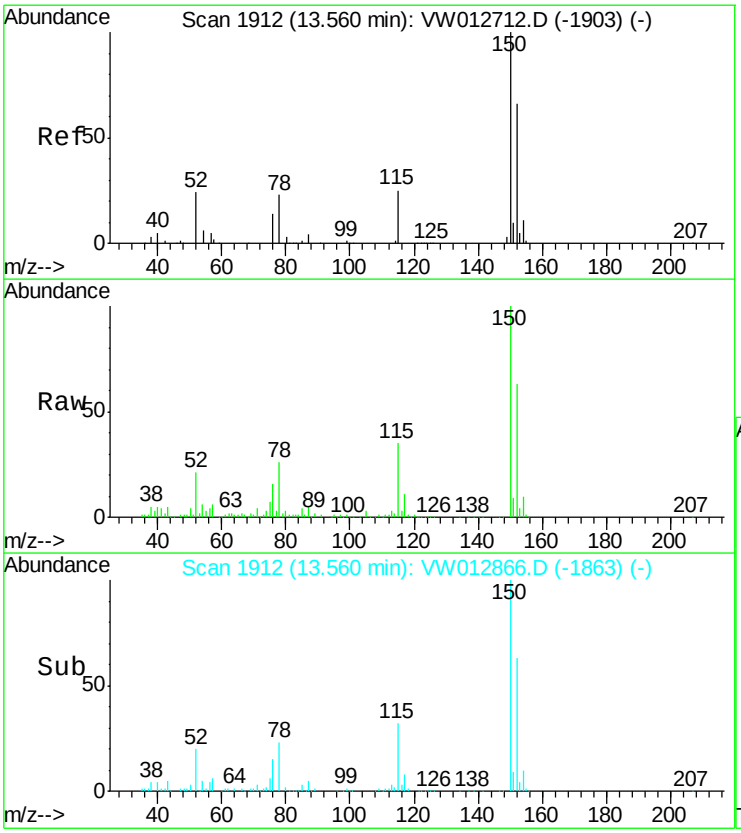
#69
o-Xylene
Concen: 3.294 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012866.D
Acq: 10 Sep 2019 13:24

Instrument : MSVOA_W
ClientSampleId : SU-04-090319

Tgt Ion:106 Resp: 9854

Ion	Ratio	Lower	Upper
106	100		
91	221.4	112.3	336.8

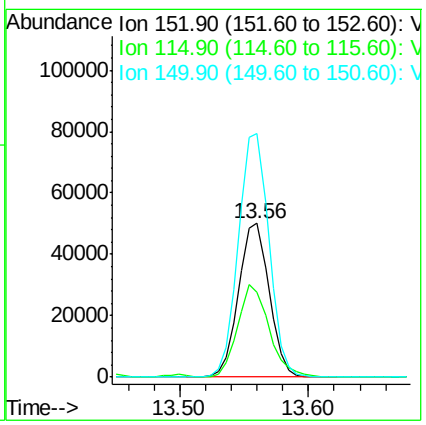


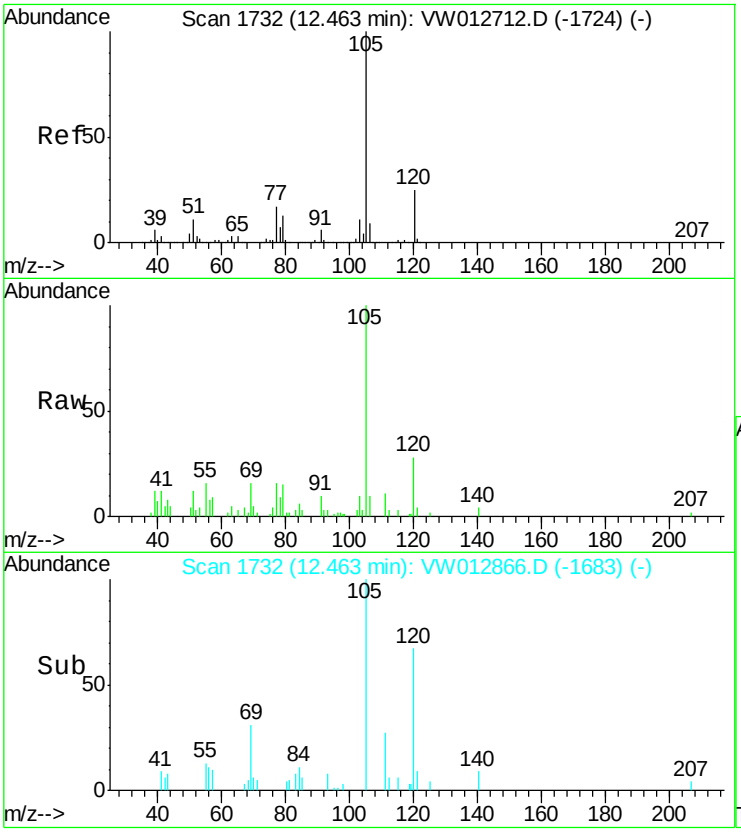


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012866.D
Acq: 10 Sep 2019 13:24

Tgt Ion:152 Resp: 82157

Ion	Ratio	Lower	Upper
152	100		
115	62.7	30.0	90.1
150	158.4	0.0	349.0



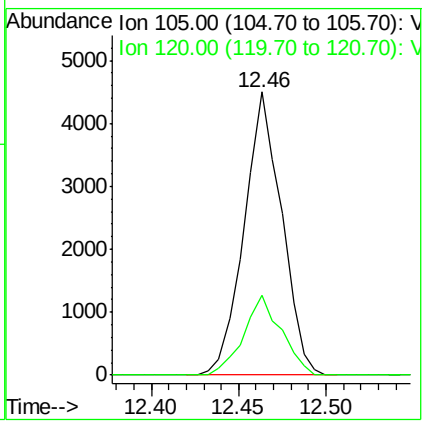


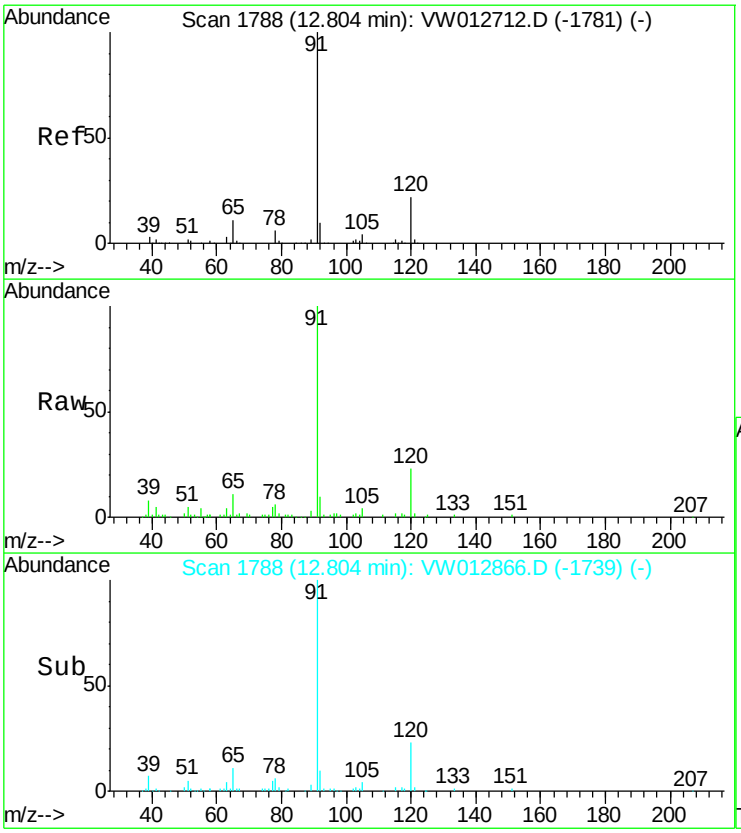
#73
Isopropylbenzene
Concen: 1.140 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW012866.D
Acq: 10 Sep 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
SU-04-090319

Tgt Ion:105 Resp: 6716

Ion	Ratio	Lower	Upper
105	100		
120	28.1	13.0	38.9

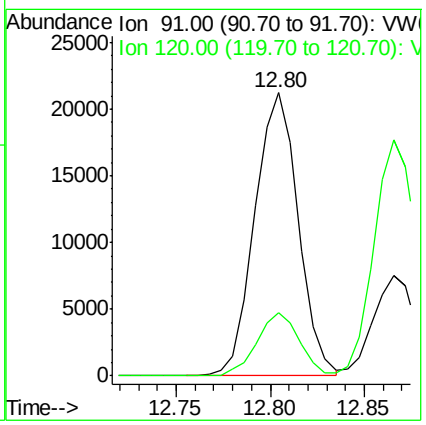


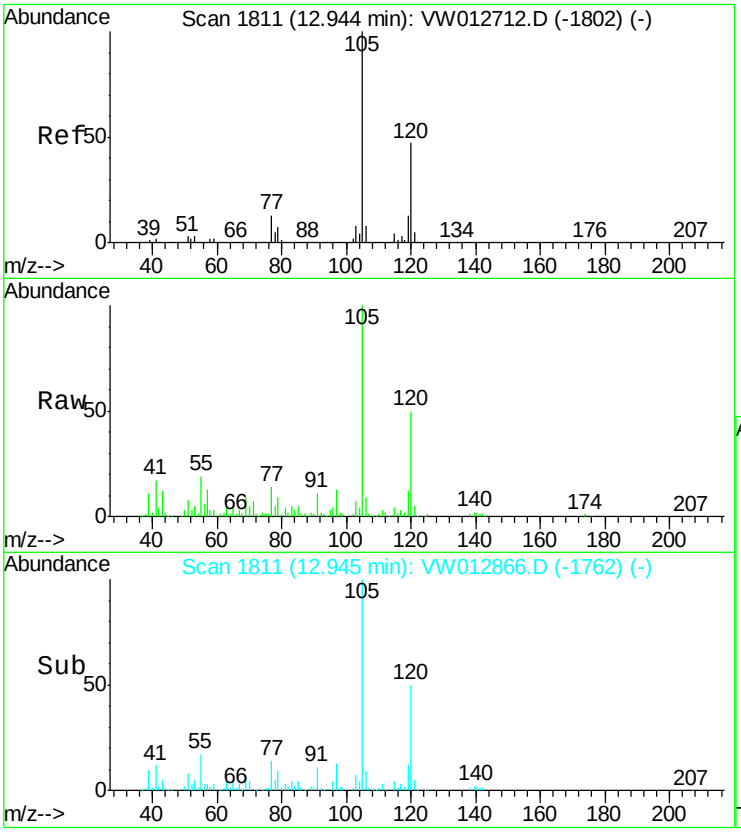


#78
n-propylbenzene
Concen: 4.806 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW012866.D
Acq: 10 Sep 2019 13:24

Tgt Ion: 91 Resp: 33873

Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.0	33.0



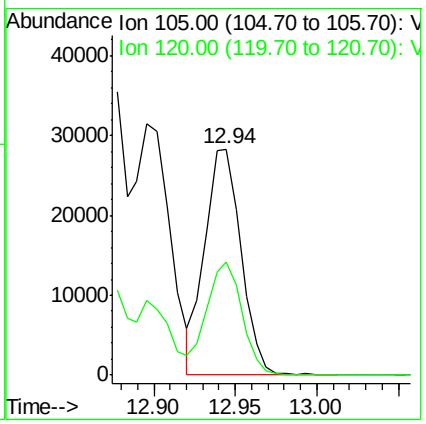


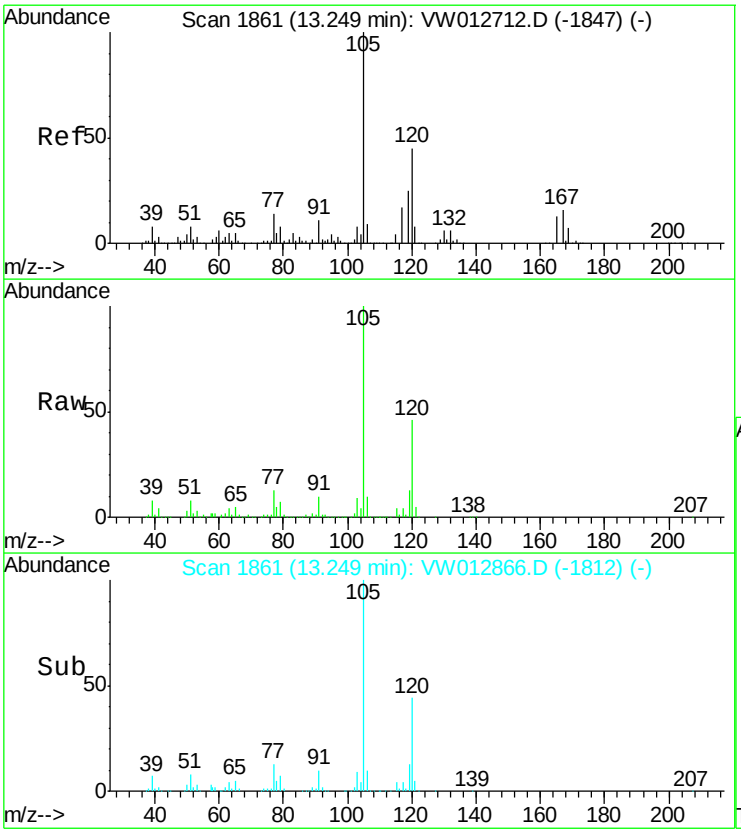
#80
1,3,5-Trimethylbenzene
Concen: 8.860 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW012866.D
Acq: 10 Sep 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
SU-04-090319

Tgt Ion:105 Resp: 43991

Ion	Ratio	Lower	Upper
105	100		
120	48.7	23.9	71.8

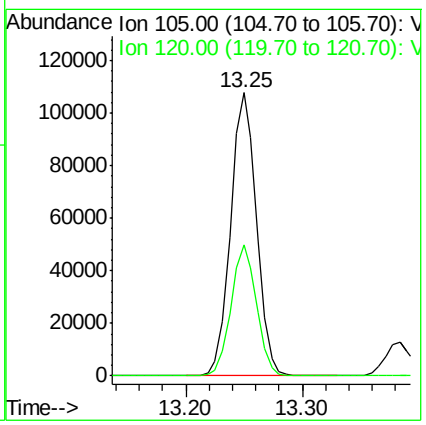


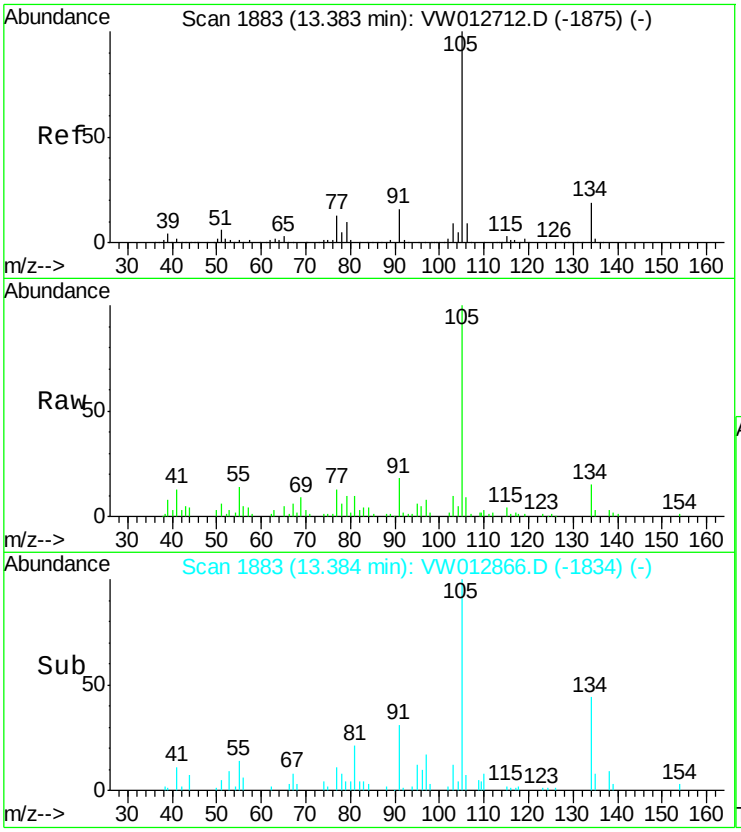


#84
1,2,4-Trimethylbenzene
Concen: 33.277 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW012866.D
Acq: 10 Sep 2019 13:24

Tgt Ion:105 Resp: 166490

Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.1	66.3



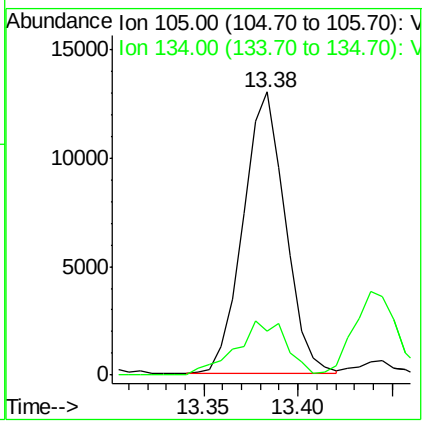


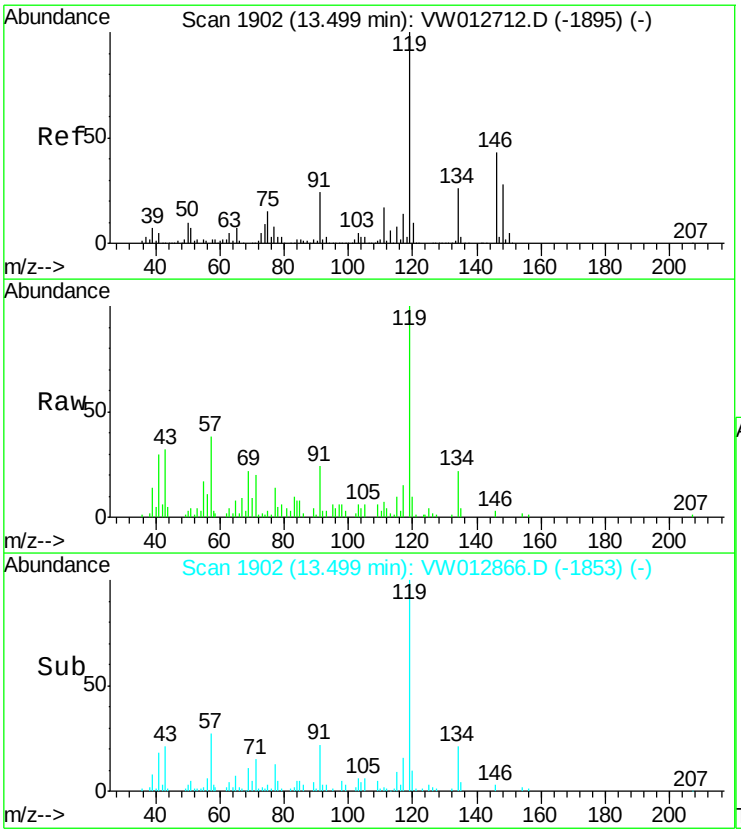
#85
sec-Butylbenzene
Concen: 3.310 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VW012866.D
Acq: 10 Sep 2019 13:24

Instrument : MSVOA_W
ClientSampleId : SU-04-090319

Tgt Ion:105 Resp: 20168

Ion	Ratio	Lower	Upper
105	100		
134	23.0	9.8	29.3

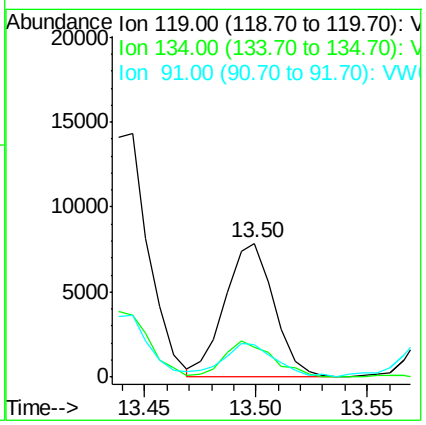


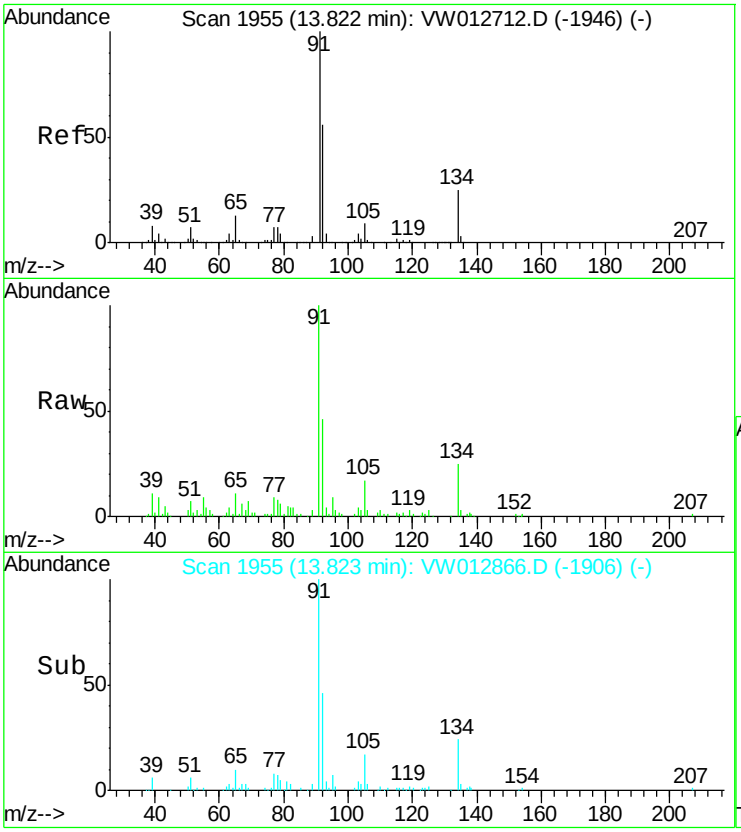


#86
p-Isopropyltoluene
Concen: 2.171 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. 0.00 min
Lab File: VW012866.D
Acq: 10 Sep 2019 13:24

Tgt Ion:119 Resp: 12082

Ion	Ratio	Lower	Upper
119	100		
134	26.5	12.7	38.1
91	25.6	12.2	36.6



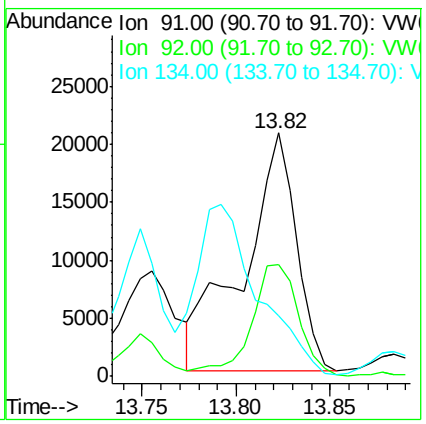


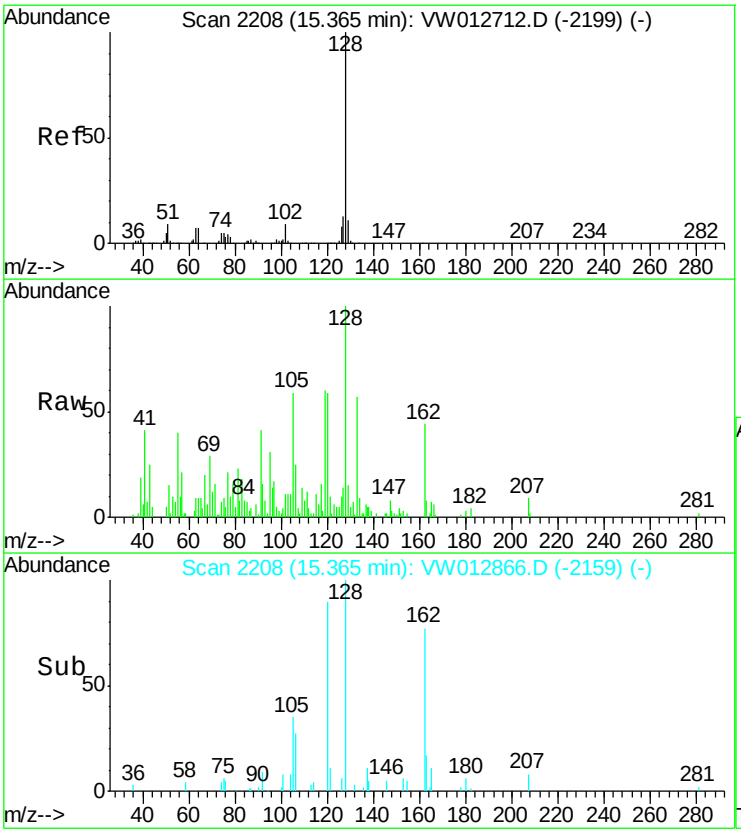
#89
n-Butylbenzene
Concen: 7.417 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW012866.D
Acq: 10 Sep 2019 13:24

Instrument : MSVOA_W
ClientSampleId : SU-04-090319

Tgt Ion: 91 Resp: 40067

Ion	Ratio	Lower	Upper
91	100		
92	42.4	27.2	81.5
134	0.0	12.7	38.1#





#95
Naphthalene
Concen: 6.977 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012866.D
Acq: 10 Sep 2019 13:24

Tgt Ion:128 Resp: 9599

Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.7	16.1
129	9.9	8.7	13.1