Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
Data File : VW012289.D
Acq On : 29 Aug 2019 08:03
Operator : SY/VA
Sample : K4522-02
Misc : 5.10G/5ML/MSVOA W/SOIL
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SIDEWALL-5

Quant Time: Aug 29 08:35:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	277174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	463145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	396796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	170130	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	178897	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.58%			
35) Dibromofluoromethane	7.88	113	139440	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.88%			
50) Toluene-d8	10.32	98	577034	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.96%			
62) 4-Bromofluorobenzene	12.62	95	200610	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.54%			
Target Compounds						Qvalue
16) Acetone	4.13	43	13226	15.703	ug/l	97
20) Methylene Chloride	4.91	84	29942	9.404	ug/l	94
39) Methylcyclohexane	9.34	83	77482	14.411	ug/l	99
73) Isopropylbenzene	12.46	105	35154	2.758	ug/l	98
78) n-propylbenzene	12.80	91	152711	9.813	ug/l	100
85) sec-Butylbenzene	13.38	105	40005	3.095	ug/l #	53
89) n-Butylbenzene	13.82	91	106308	9.260	ug/l #	87
95) Naphthalene	15.36	128	339381	52.637	ug/l #	95

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082819\
Data File : VW012289.D
Acq On : 29 Aug 2019 08:03
Operator : SY/VA
Sample : K4522-02
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SIDEWALL-5

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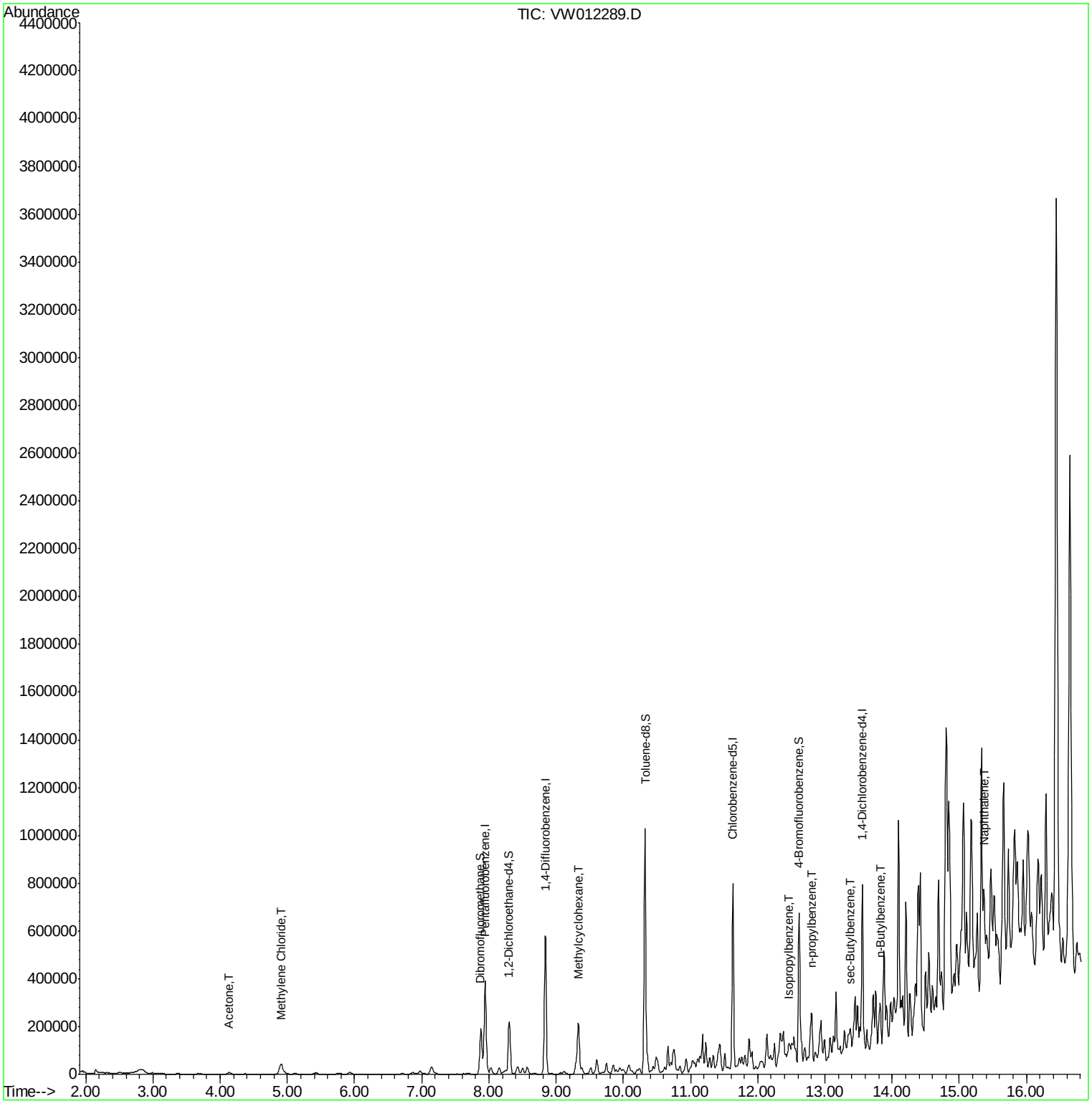
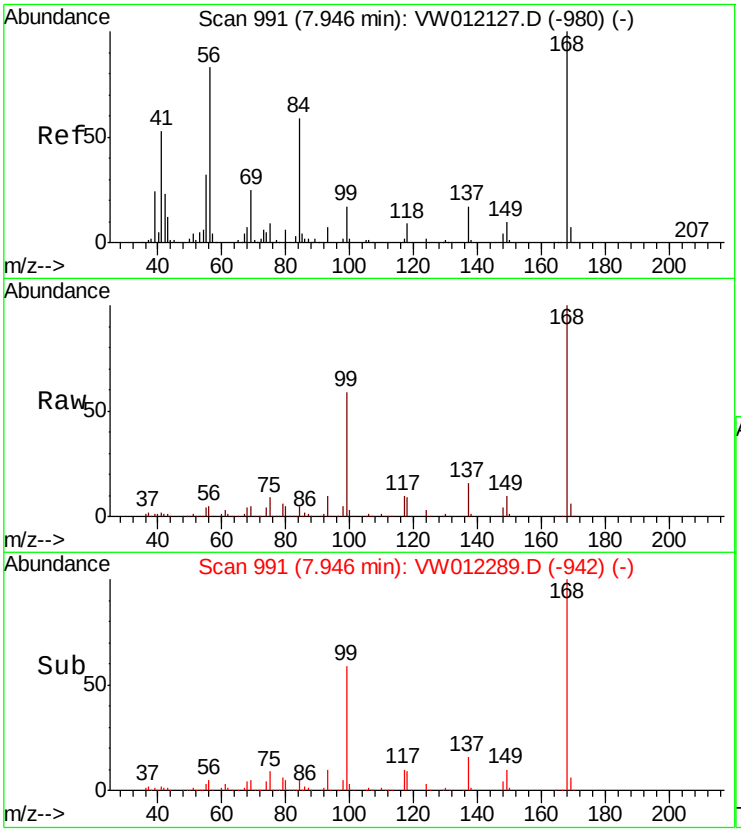


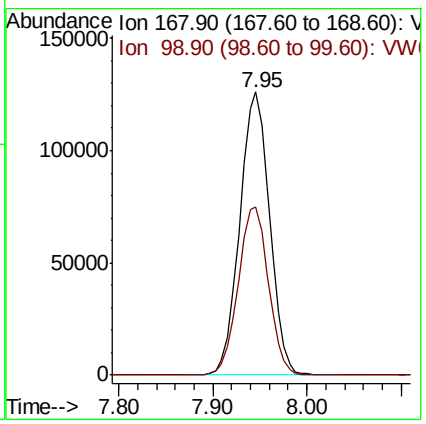


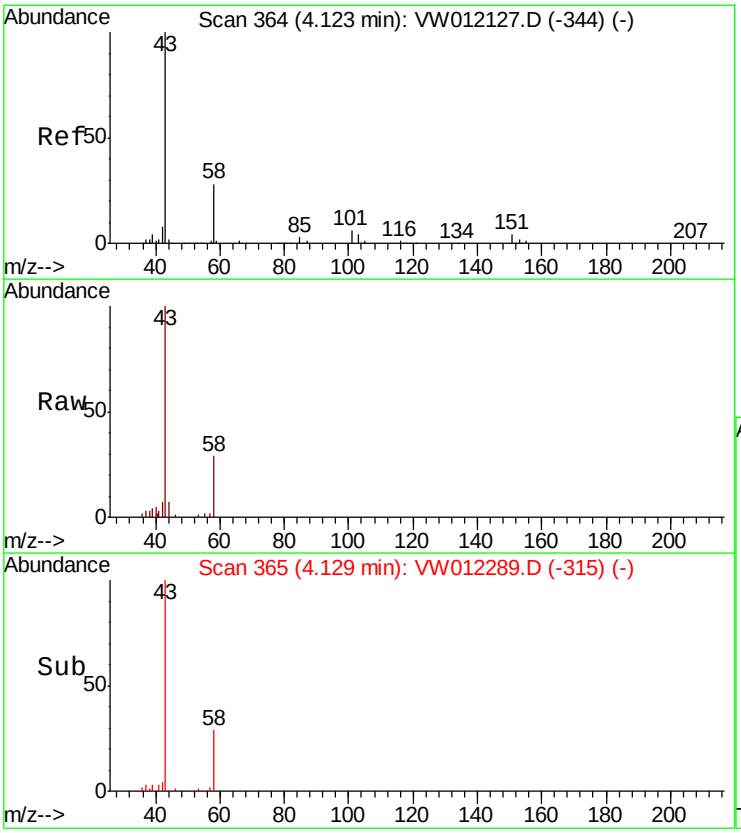
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW012289.D
Acq: 29 Aug 2019 08:03

Instrument :
MSVOA_W
ClientSampleId :
SIDEWALL-5

Tgt Ion:168 Resp: 277174

Ion	Ratio	Lower	Upper
168	100		
99	59.4	49.2	73.8

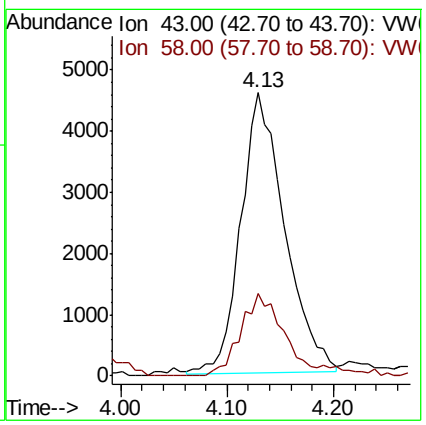


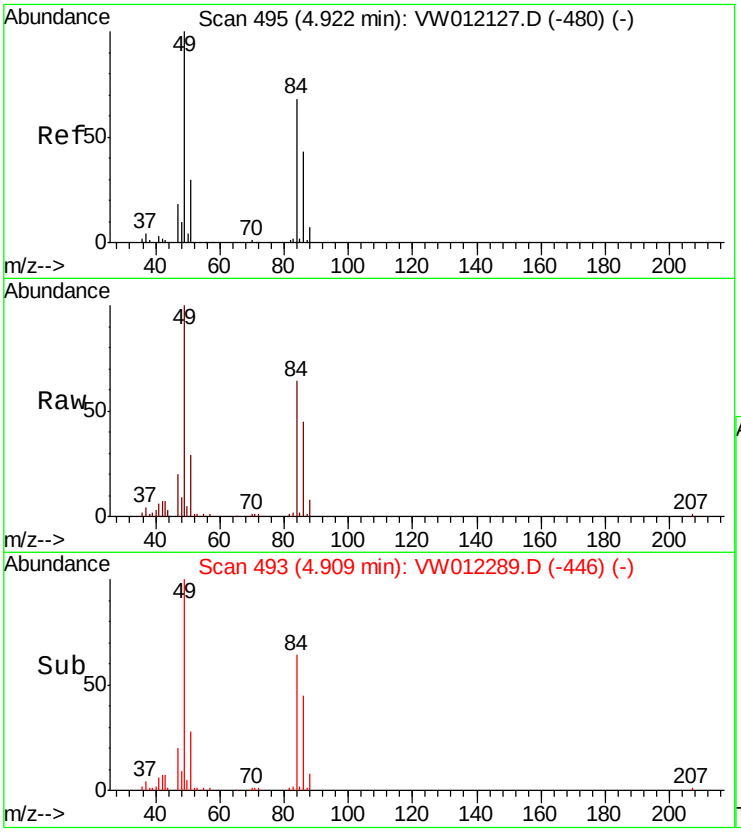


#16
Acetone
Concen: 15.703 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW012289.D
Acq: 29 Aug 2019 08:03

Tgt Ion: 43 Resp: 13226

Ion	Ratio	Lower	Upper
43	100		
58	29.4	22.4	33.6



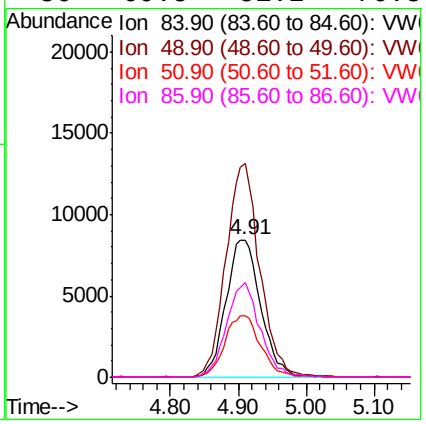


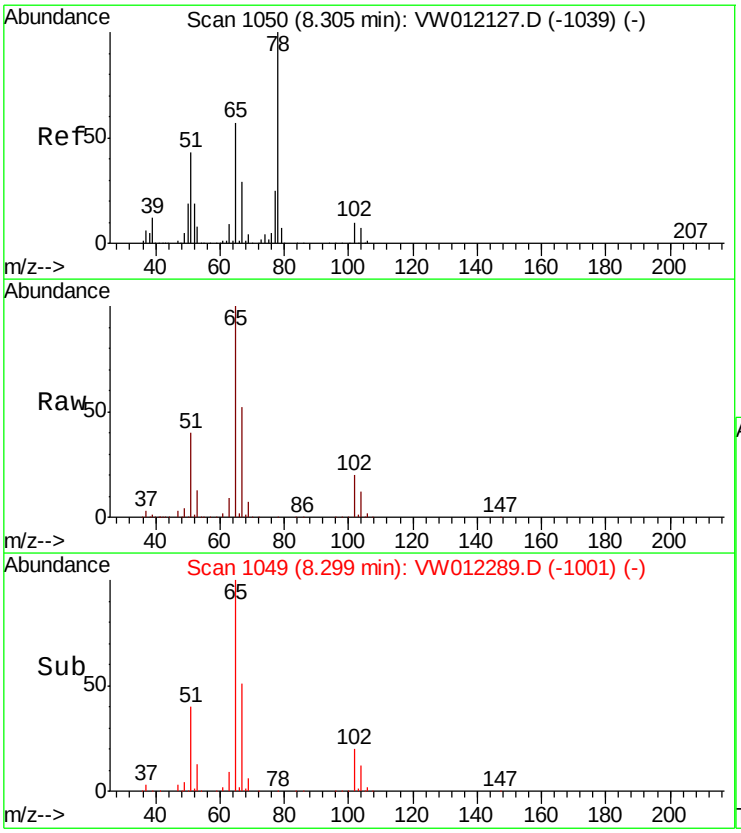
#20
Methylene Chloride
Concen: 9.404 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012289.D
Acq: 29 Aug 2019 08:03

Instrument : MSVOA_W
ClientSampleId : SIDEWALL-5

Tgt Ion: 84 Resp: 29942

Ion	Ratio	Lower	Upper
84	100		
49	155.7	117.8	176.8
51	44.8	35.6	53.4
86	69.5	51.2	76.8

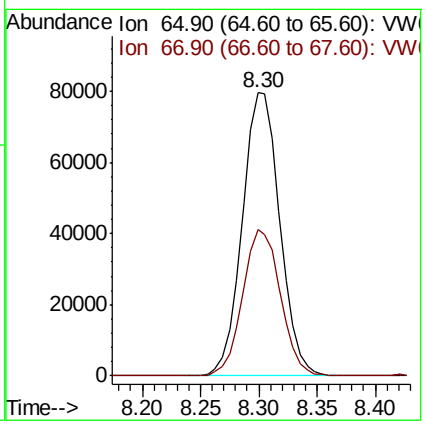


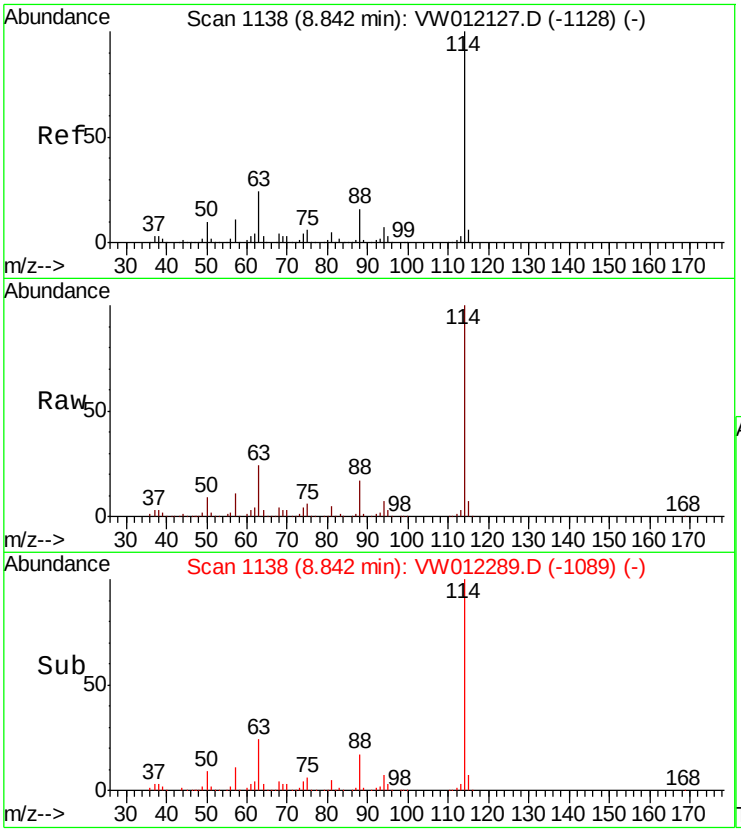


#33
1,2-Dichloroethane-d4
Concen: 54.295 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW012289.D
Acq: 29 Aug 2019 08:03

Tgt Ion: 65 Resp: 178897

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	102.6



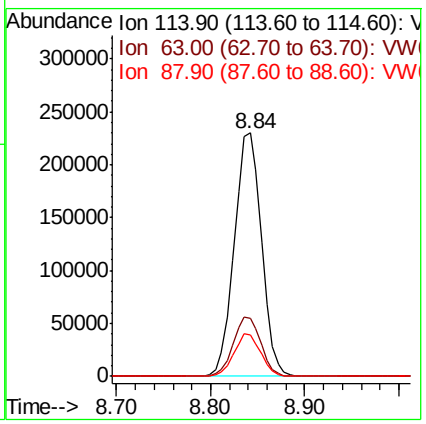


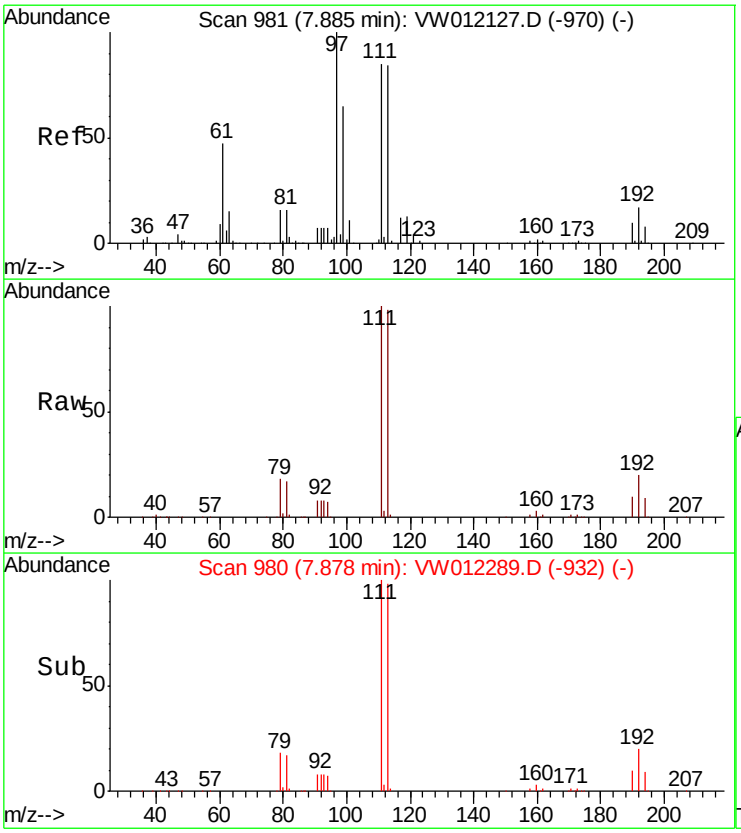
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012289.D
Acq: 29 Aug 2019 08:03

Instrument :
MSVOA_W
ClientSampleId :
SIDEWALL-5

Tgt Ion:114 Resp: 463145

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	48.6
88	16.8	0.0	32.2

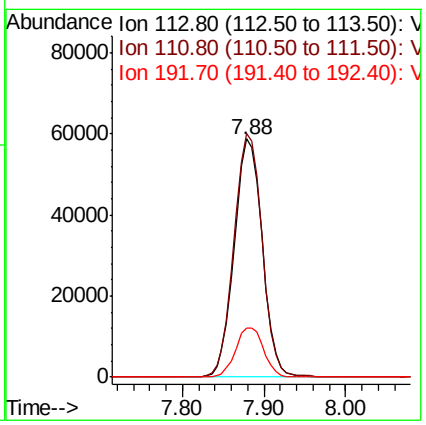


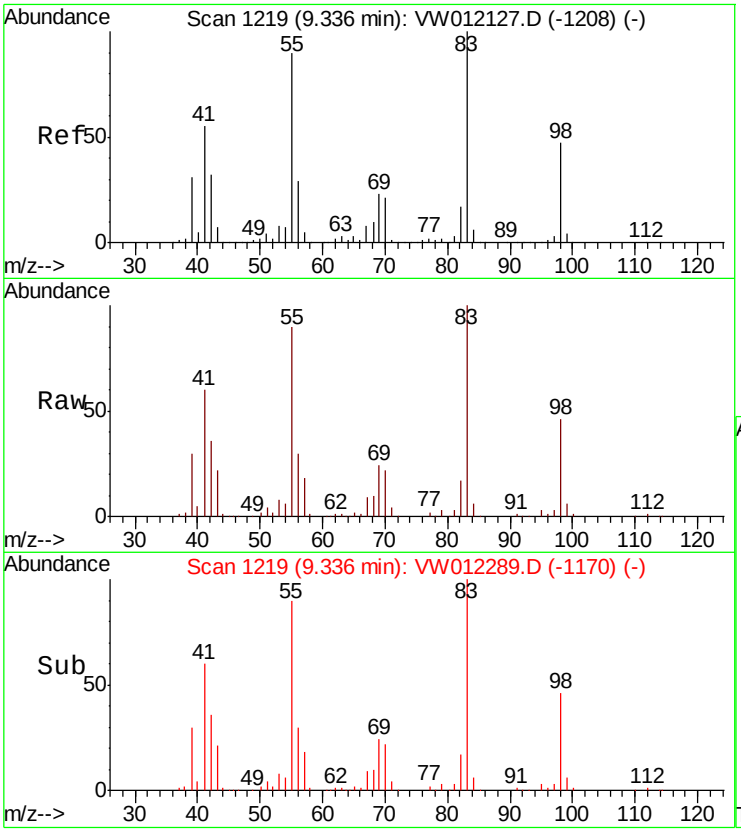


#35
Dibromofluoromethane
Concen: 50.439 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012289.D
Acq: 29 Aug 2019 08:03

Tgt Ion:113 Resp: 139440

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.7	124.1
192	20.8	16.2	24.2



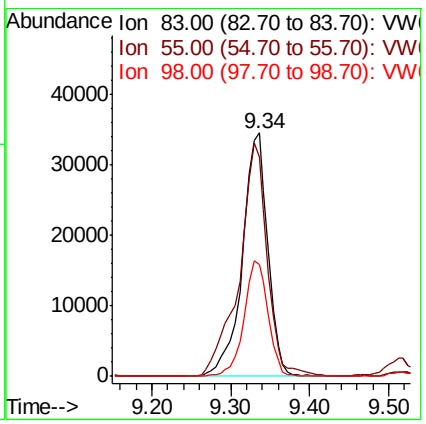


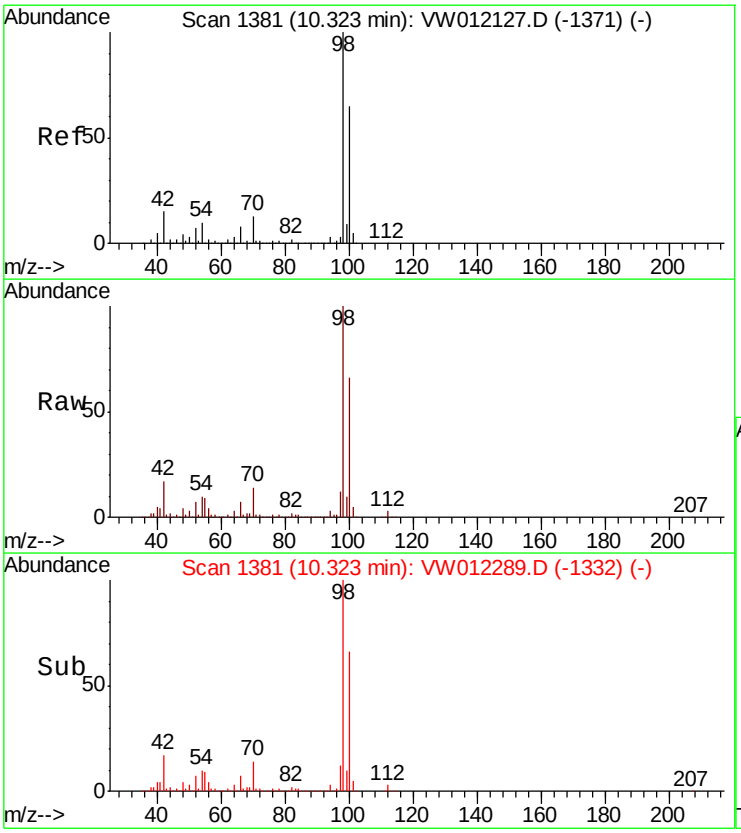
#39
Methylcyclohexane
Concen: 14.411 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012289.D
Acq: 29 Aug 2019 08:03

Instrument :
MSVOA_W
ClientSampleId :
SIDEWALL-5

Tgt Ion: 83 Resp: 77482

Ion	Ratio	Lower	Upper
83	100		
55	89.8	71.8	107.8
98	46.0	37.8	56.8

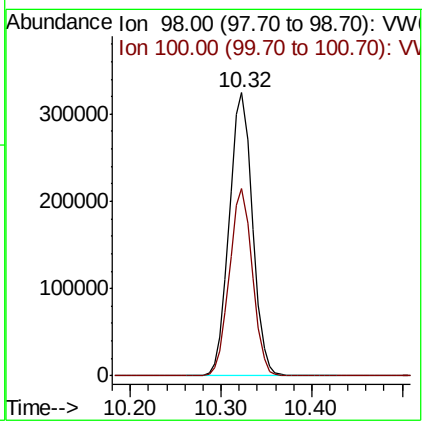


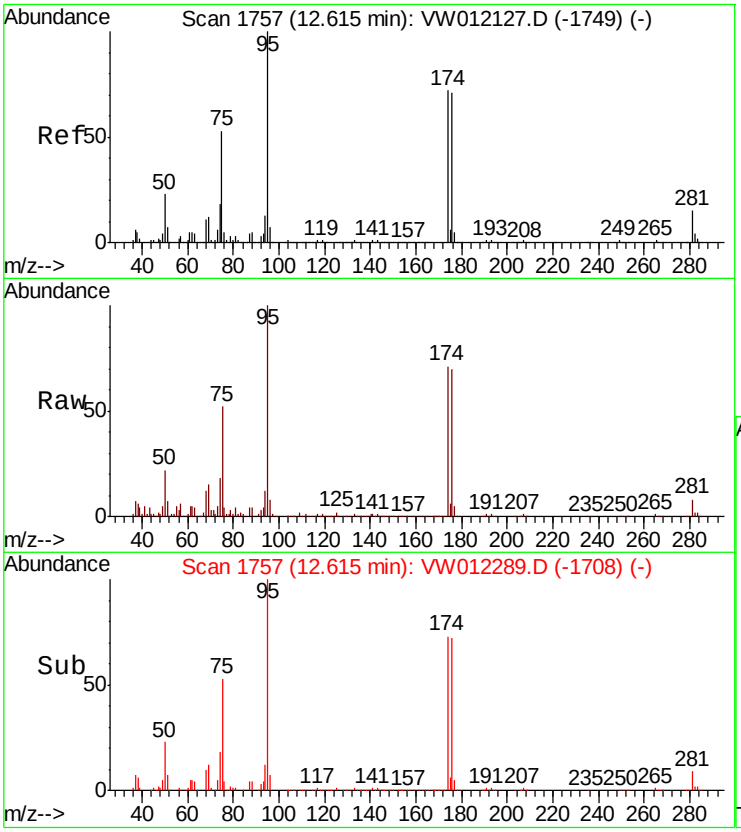


#50
Toluene-d8
Concen: 51.478 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012289.D
Acq: 29 Aug 2019 08:03

Tgt Ion: 98 Resp: 577034

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6



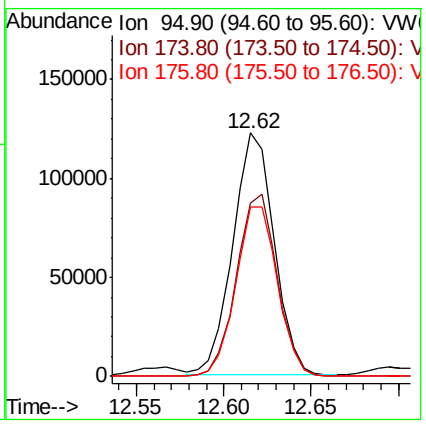


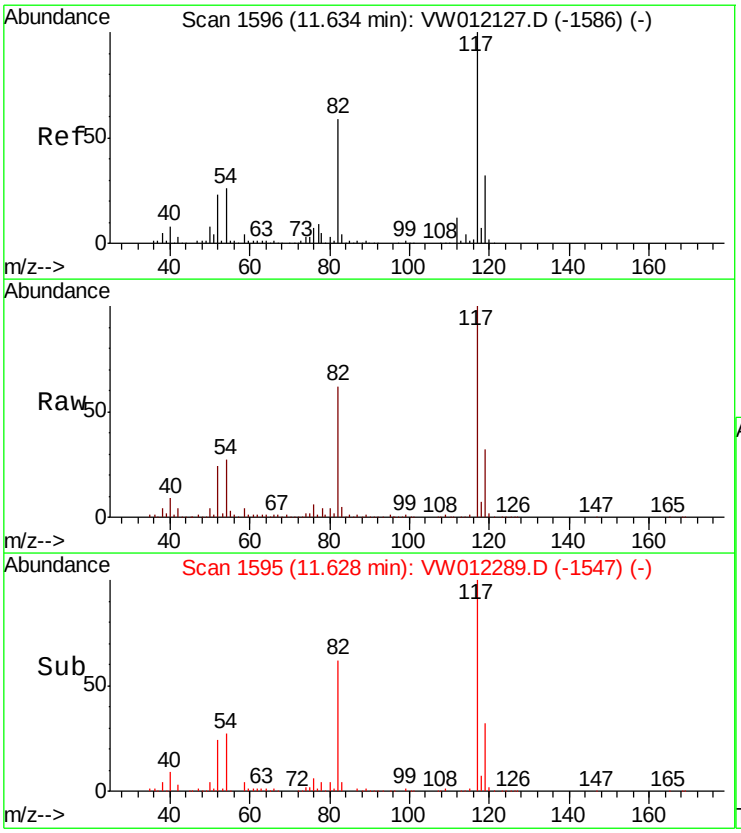
#62
4-Bromofluorobenzene
Concen: 50.771 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012289.D
Acq: 29 Aug 2019 08:03

Instrument :
MSVOA_W
ClientSampleId :
SIDEWALL-5

Tgt Ion: 95 Resp: 200610

Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	150.8
176	70.9	0.0	148.6

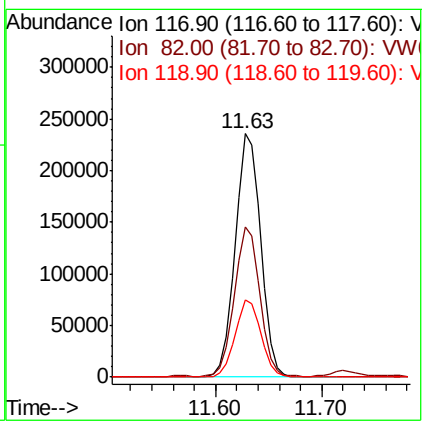


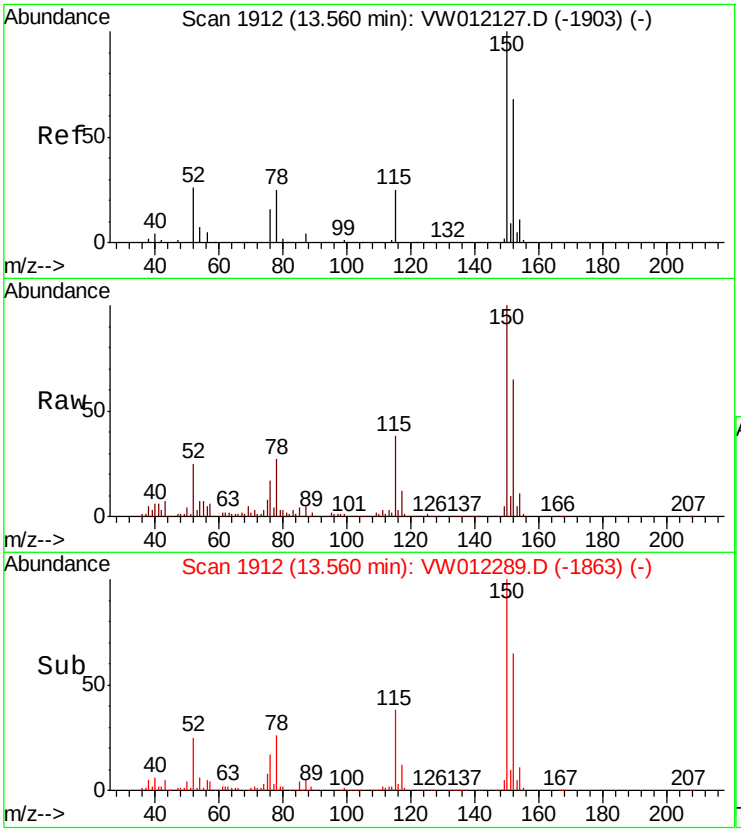


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012289.D
Acq: 29 Aug 2019 08:03

Tgt Ion:117 Resp: 396796

Ion	Ratio	Lower	Upper
117	100		
82	61.3	47.4	71.2
119	31.6	25.4	38.2



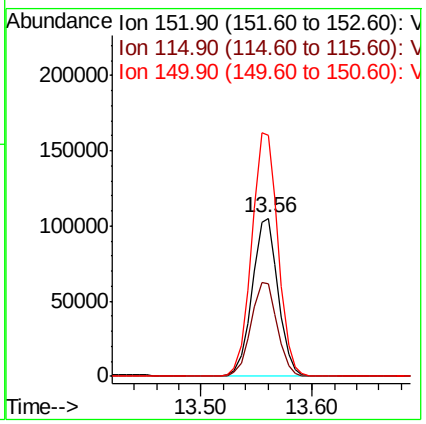


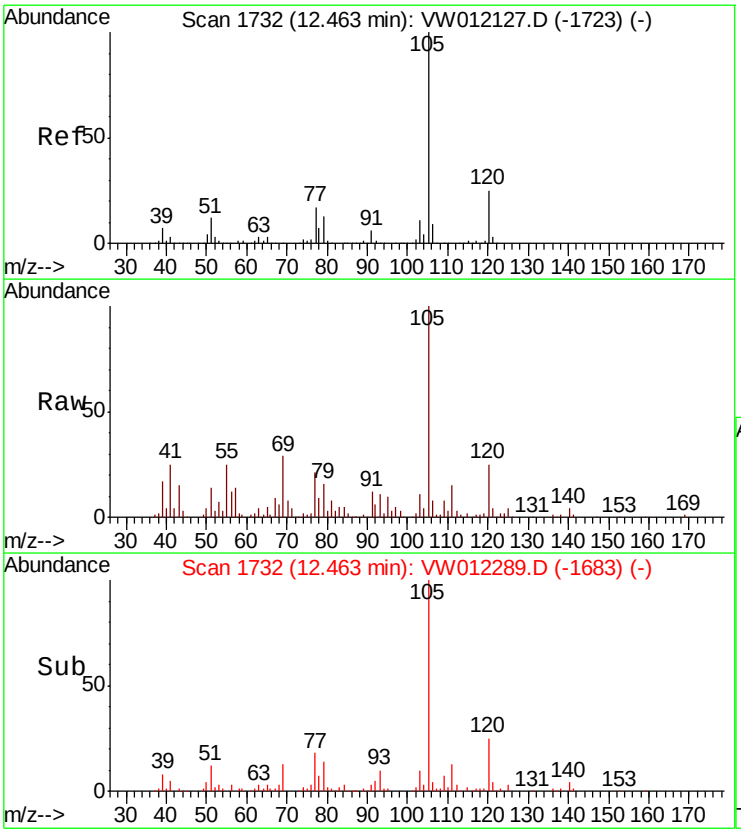
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012289.D
Acq: 29 Aug 2019 08:03

Instrument :
MSVOA_W
ClientSampleId :
SIDEWALL-5

Tgt Ion:152 Resp: 170130

Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.1	90.3
150	155.7	0.0	345.8

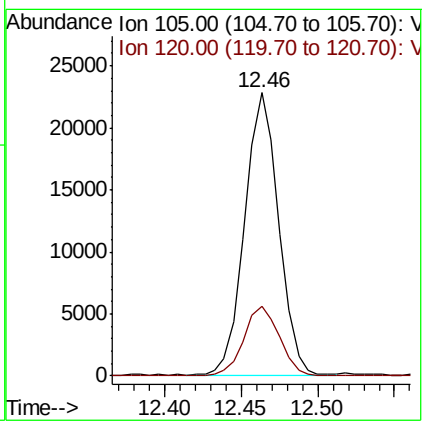


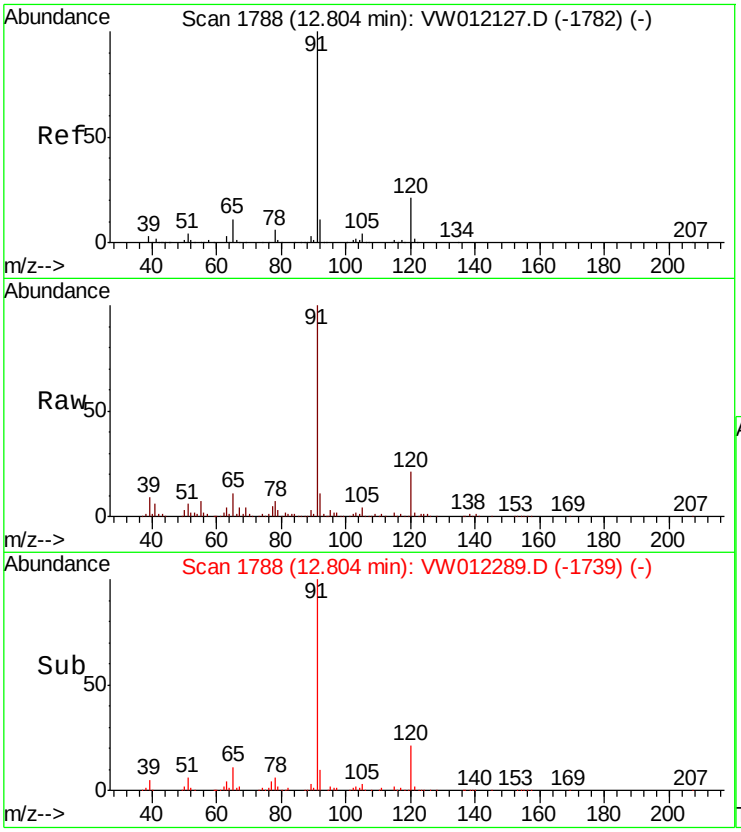


#73
Isopropylbenzene
Concen: 2.758 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012289.D
Acq: 29 Aug 2019 08:03

Tgt Ion:105 Resp: 35154

Ion	Ratio	Lower	Upper
105	100		
120	26.0	12.5	37.5



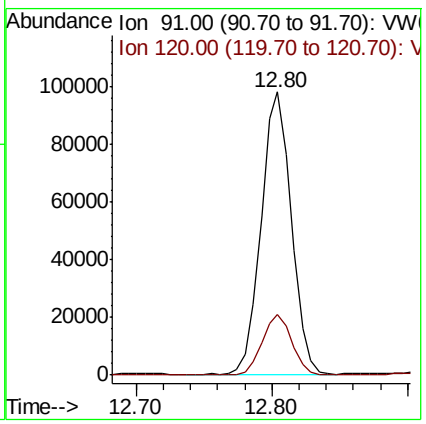


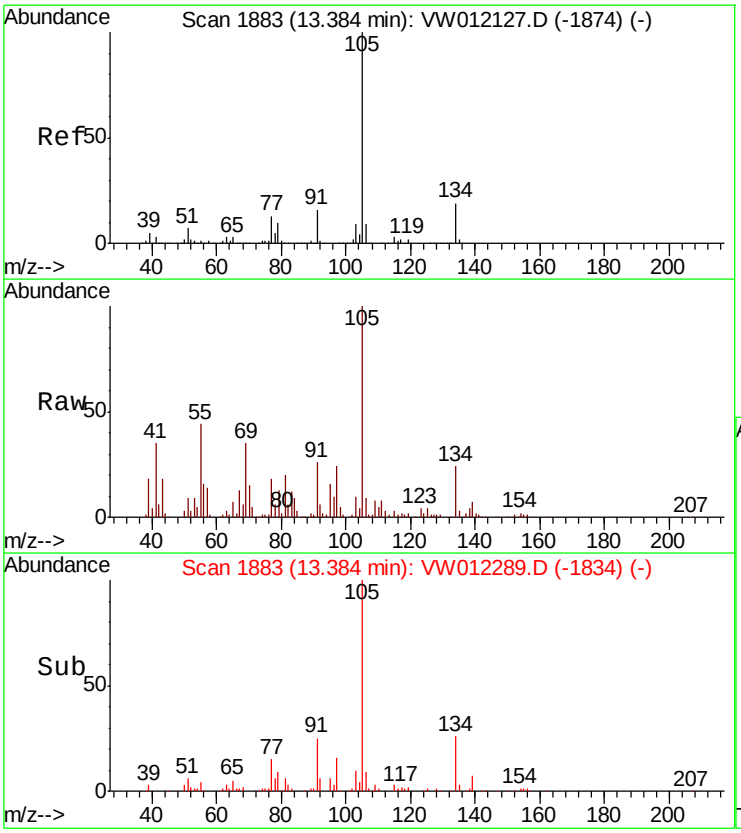
#78
n-propylbenzene
Concen: 9.813 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012289.D
Acq: 29 Aug 2019 08:03

Instrument :
MSVOA_W
ClientSampleId :
SIDEWALL-5

Tgt Ion: 91 Resp: 152711

Ion	Ratio	Lower	Upper
91	100		
120	21.0	10.5	31.6

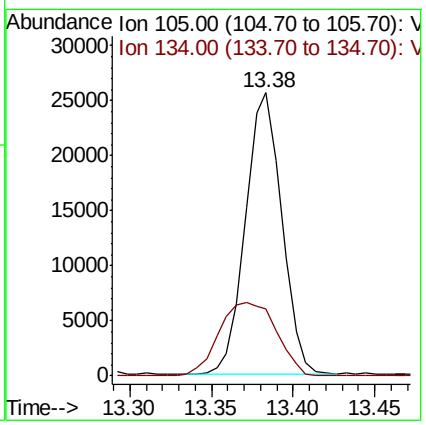


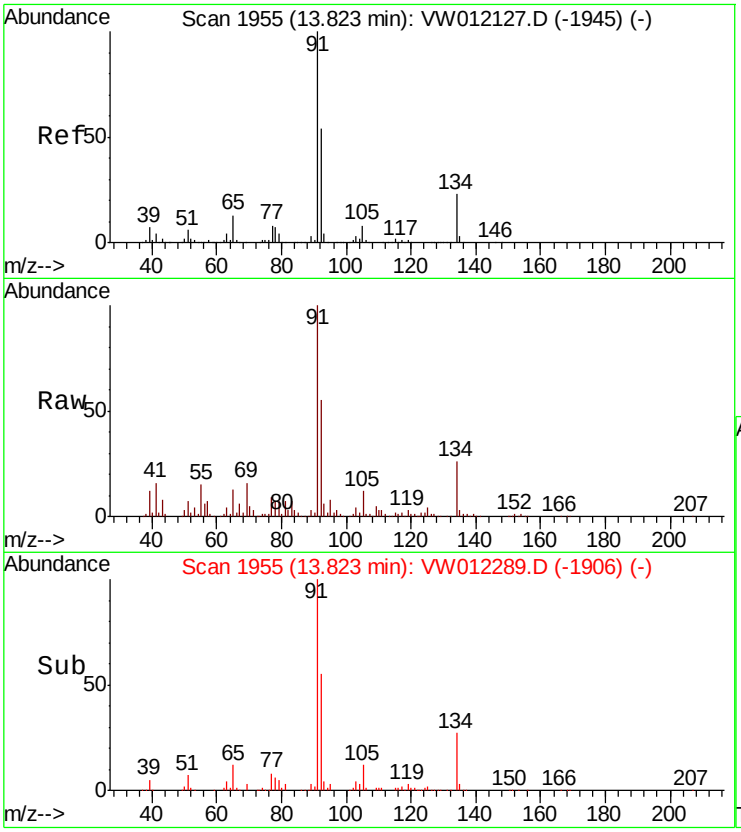


#85
sec-Butylbenzene
Concen: 3.095 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VW012289.D
Acq: 29 Aug 2019 08:03

Tgt Ion:105 Resp: 40005

Ion	Ratio	Lower	Upper
105	100		
134	41.2	9.8	29.4#



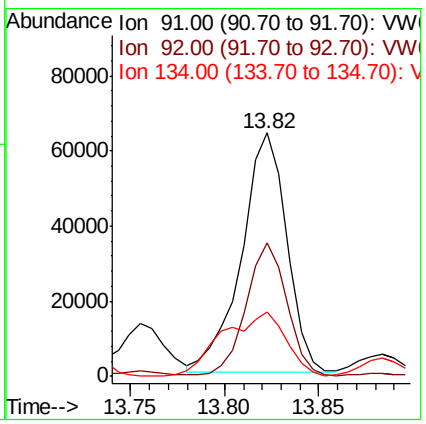


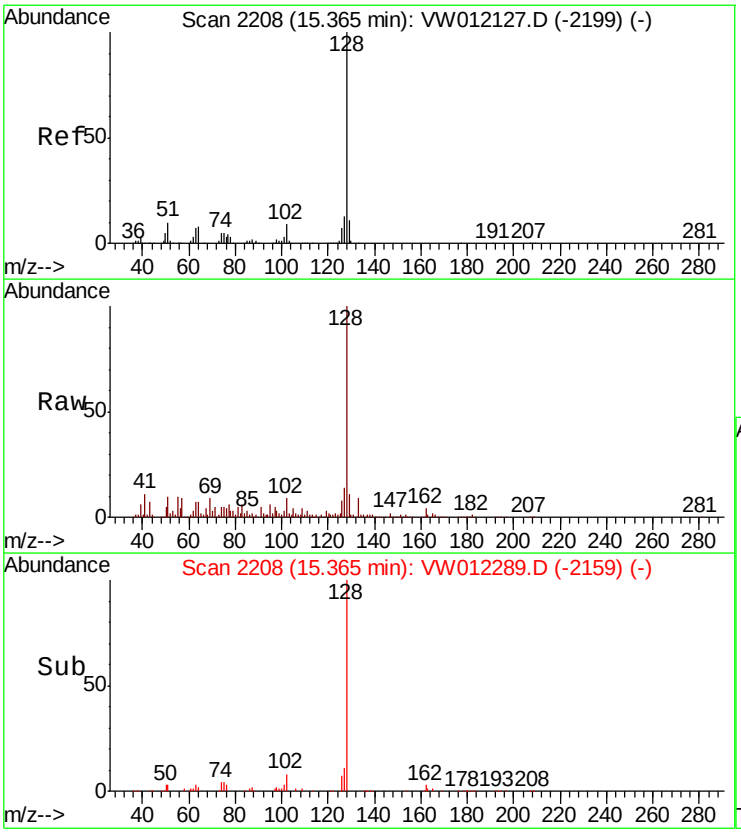
#89
n-Butylbenzene
Concen: 9.260 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW012289.D
Acq: 29 Aug 2019 08:03

Instrument :
MSVOA_W
ClientSampleId :
SIDEWALL-5

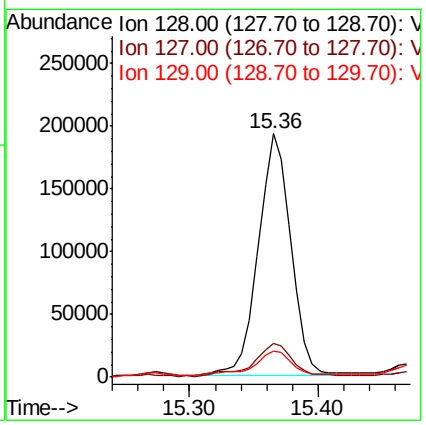
Tgt Ion: 91 Resp: 106308

Ion	Ratio	Lower	Upper
91	100		
92	49.5	27.1	81.2
134	37.6	12.2	36.4#





#95
Naphthalene
Concen: 52.637 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012289.D
Acq: 29 Aug 2019 08:03

Tgt Ion:128 Resp: 339381

Ion	Ratio	Lower	Upper
128	100		
127	16.3	10.7	16.1#
129	11.9	8.7	13.1