Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
Data File : VW012652.D
Acq On : 05 Sep 2019 20:11
Operator : SY/VA
Sample : K4579-03
Misc : 5.55G/5ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : PAR-12-A3-(0)

Quant Time: Sep 06 08:23:12 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	243197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	398555	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	116546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	154838	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.12%			
35) Dibromofluoromethane	7.88	113	121857	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.44%			
50) Toluene-d8	10.32	98	476798	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.86%			
62) 4-Bromofluorobenzene	12.62	95	133588	39.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.58%			
Target Compounds						Qvalue
16) Acetone	4.15	43	8416	11.388	ug/l #	79
20) Methylene Chloride	4.92	84	16944	6.065	ug/l	88
29) Tetrahydrofuran	7.54	42	6648	11.034	ug/l	99
52) Toluene	10.39	92	21506	3.183	ug/l	100
68) m/p-Xylenes	11.84	106	12761	2.932	ug/l	93
69) o-Xylene	12.16	106	8848	2.196	ug/l	93
78) n-propylbenzene	12.80	91	20696	1.941	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	76848	10.531	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	198422	27.069	ug/l	99

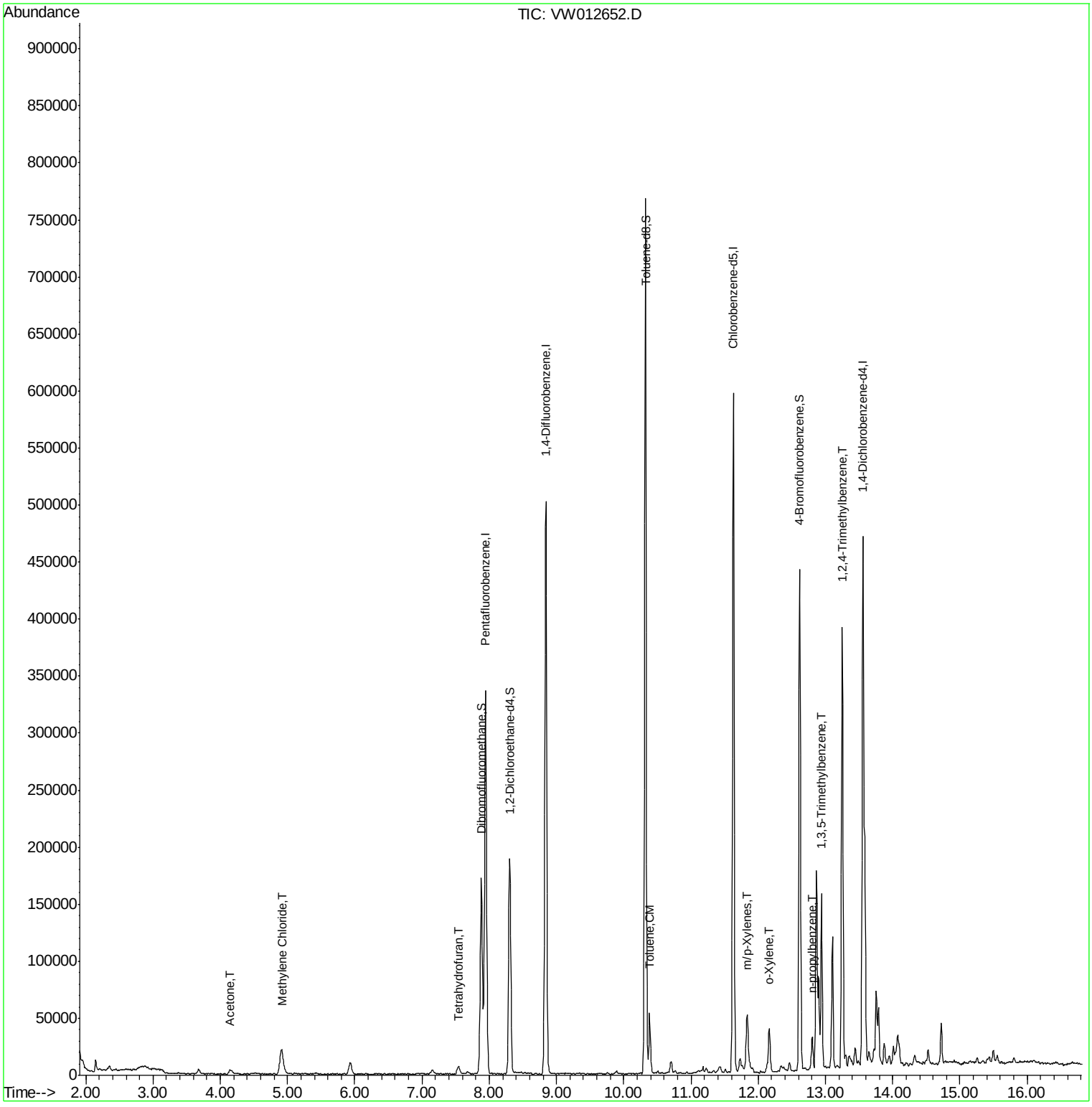
(#) = qualifier out of range (m) = manual integration (+) = signals summed

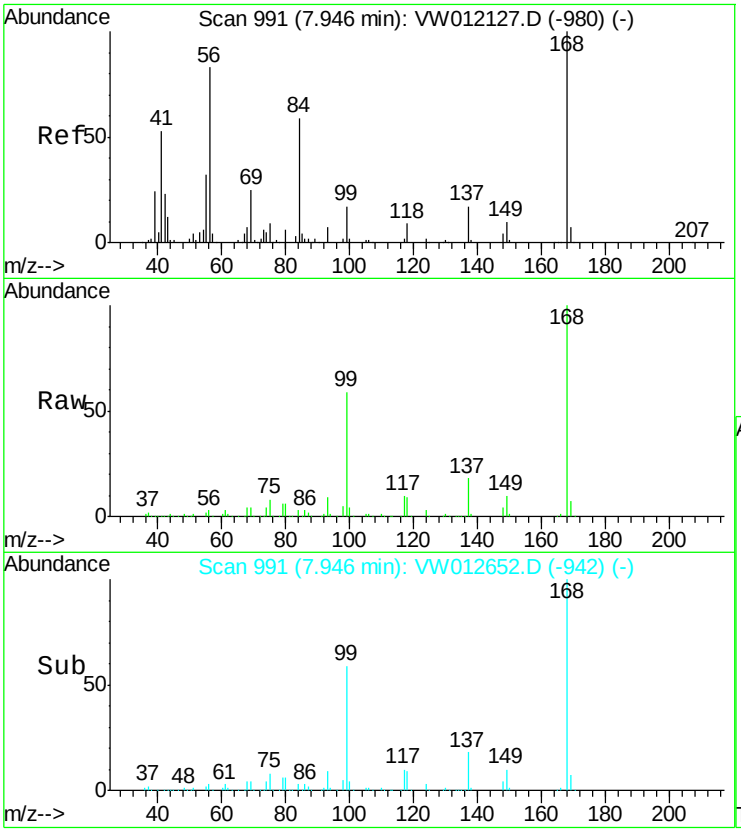
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
Data File : VW012652.D
Acq On : 05 Sep 2019 20:11
Operator : SY/VA
Sample : K4579-03
Misc : 5.55G/5ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-A3-(0)

Quant Time: Sep 06 08:23:12 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



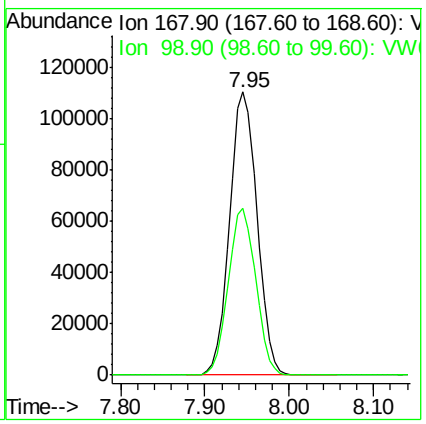


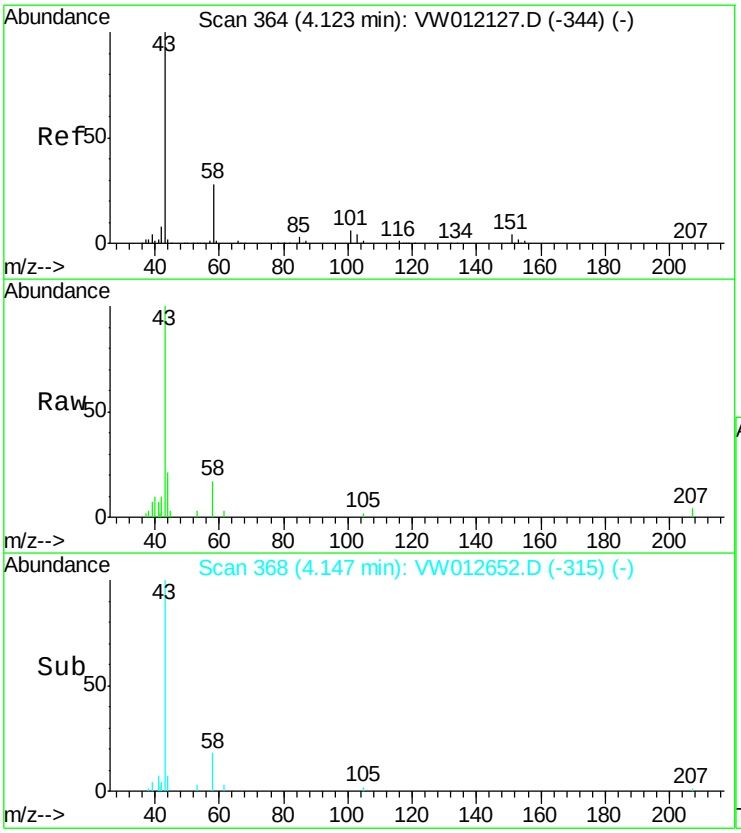
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW012652.D
Acq: 05 Sep 2019 20:11

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-A3-(0)

Tgt Ion:168 Resp: 243197

Ion	Ratio	Lower	Upper
168	100		
99	59.1	49.2	73.8

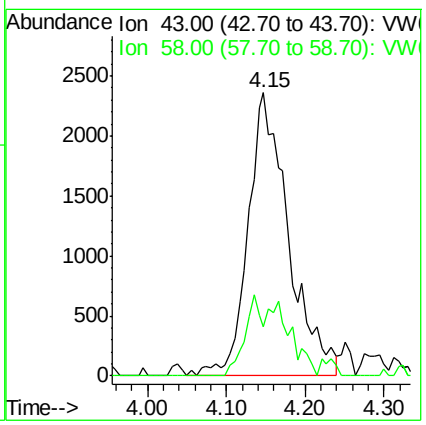


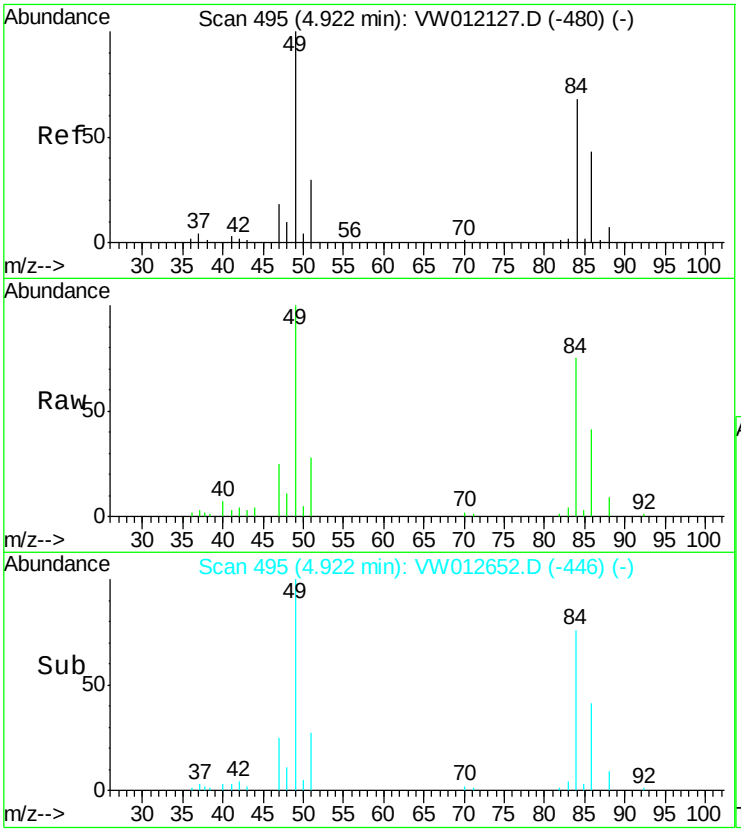


#16
Acetone
Concen: 11.388 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.02 min
Lab File: VW012652.D
Acq: 05 Sep 2019 20:11

Tgt Ion: 43 Resp: 8416

Ion	Ratio	Lower	Upper
43	100		
58	17.2	22.4	33.6#



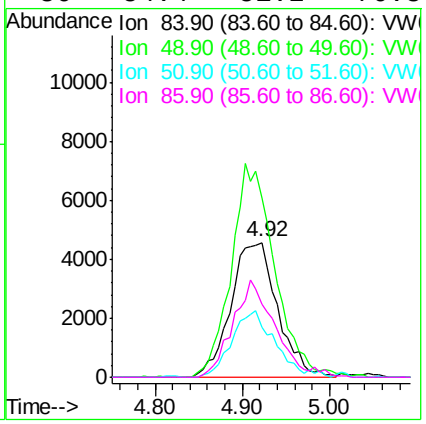


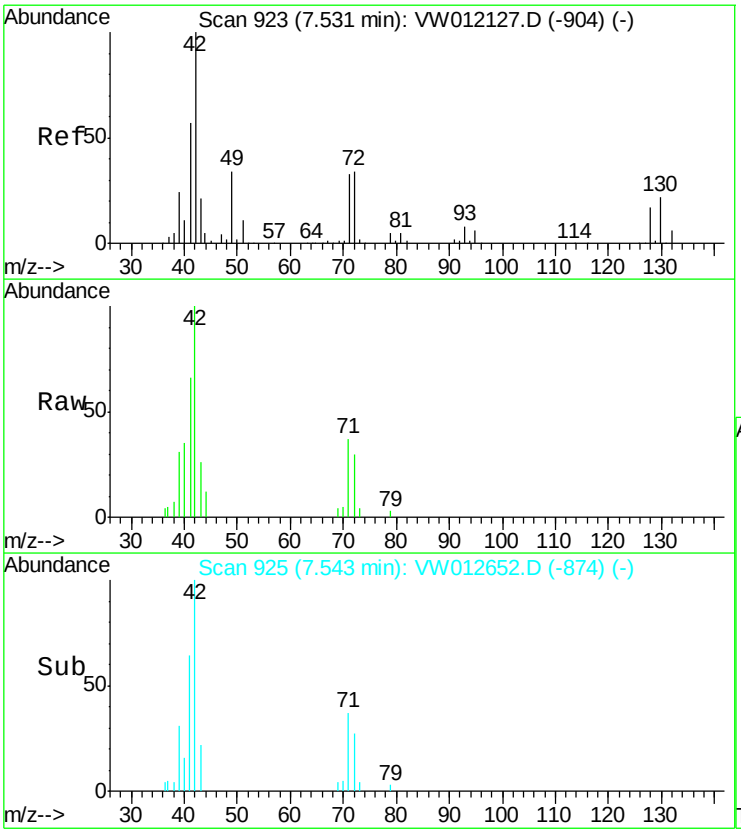
#20
Methylene Chloride
Concen: 6.065 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW012652.D
Acq: 05 Sep 2019 20:11

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-A3-(0)

Tgt Ion: 84 Resp: 16944

Ion	Ratio	Lower	Upper
84	100		
49	133.3	117.8	176.8
51	37.0	35.6	53.4
86	54.4	51.2	76.8

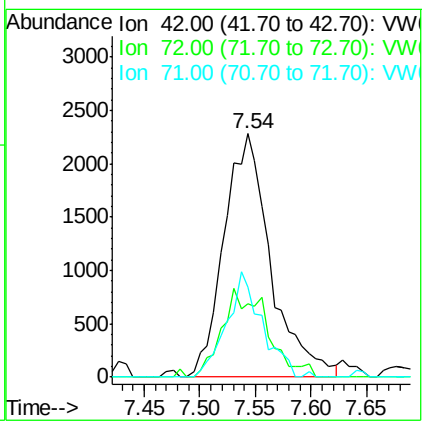


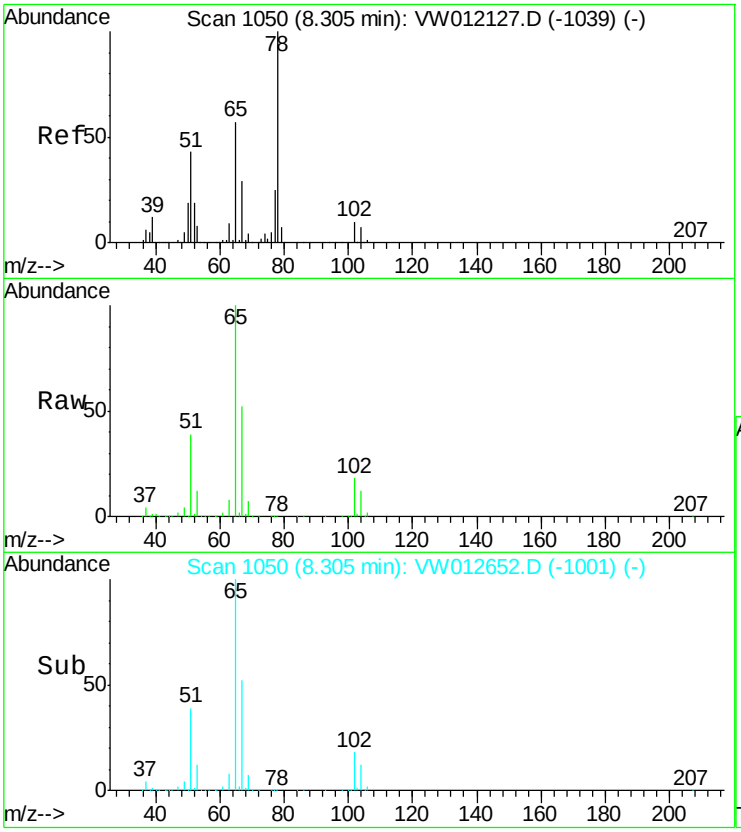


#29
Tetrahydrofuran
Concen: 11.034 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012652.D
Acq: 05 Sep 2019 20:11

Tgt Ion: 42 Resp: 6648

Ion	Ratio	Lower	Upper
42	100		
72	34.9	27.3	40.9
71	32.5	25.5	38.3



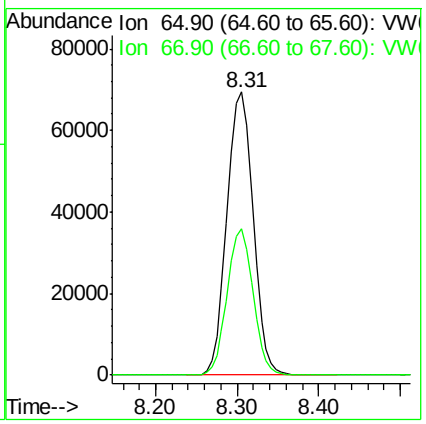


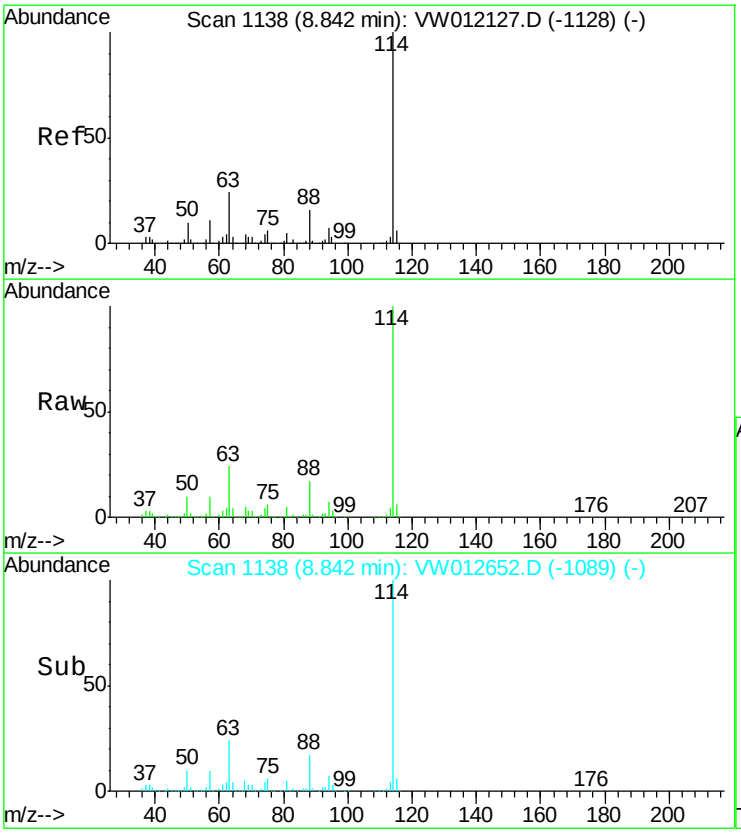
#33
1,2-Dichloroethane-d4
Concen: 53.558 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012652.D
Acq: 05 Sep 2019 20:11

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-A3-(0)

Tgt Ion: 65 Resp: 154838

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	102.6

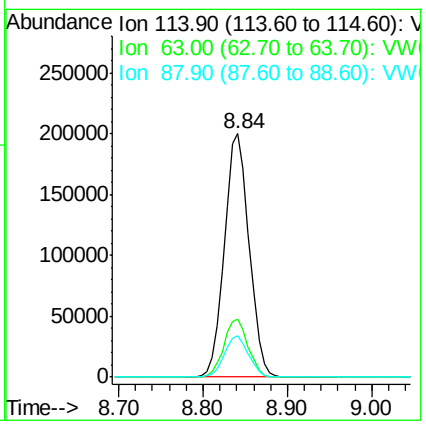


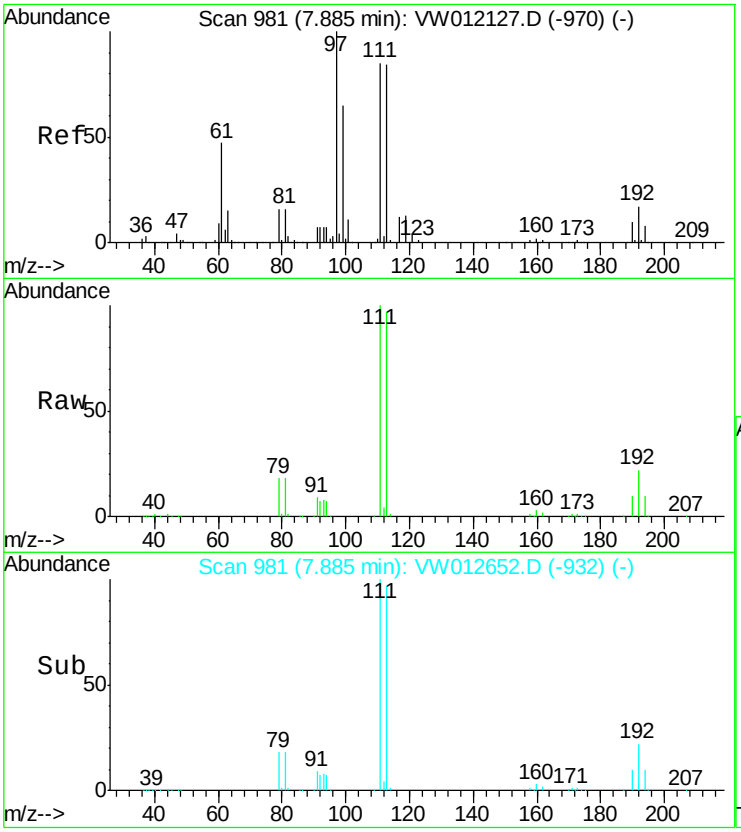


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012652.D
Acq: 05 Sep 2019 20:11

Tgt Ion:114 Resp: 398555

Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	48.6
88	17.0	0.0	32.2



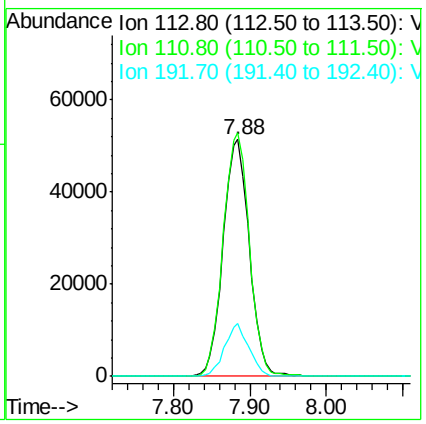


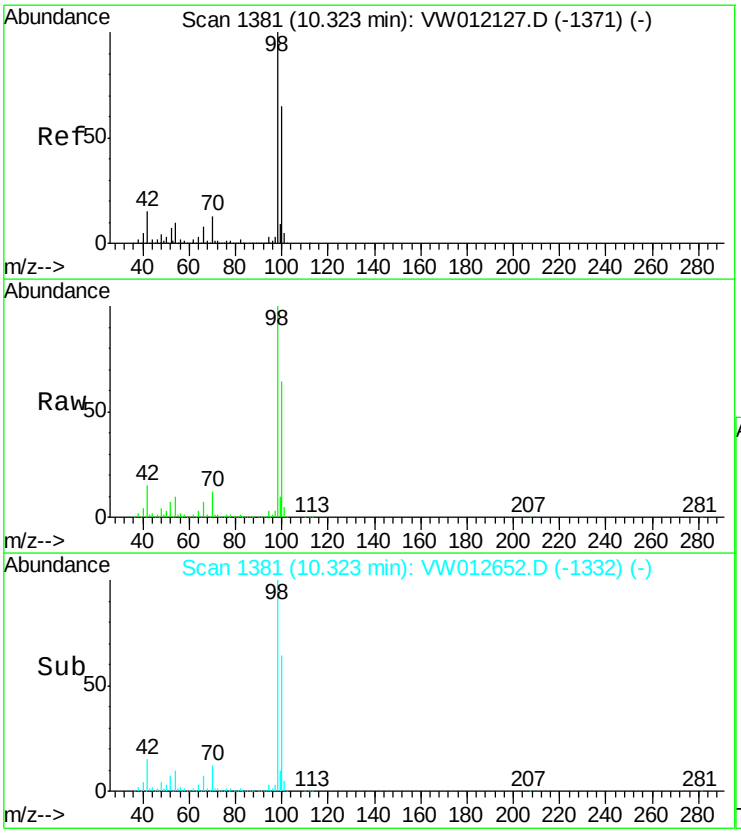
#35
Dibromofluoromethane
Concen: 51.222 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012652.D
Acq: 05 Sep 2019 20:11

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-A3-(0)

Tgt Ion:113 Resp: 121857

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.7	124.1
192	20.6	16.2	24.2

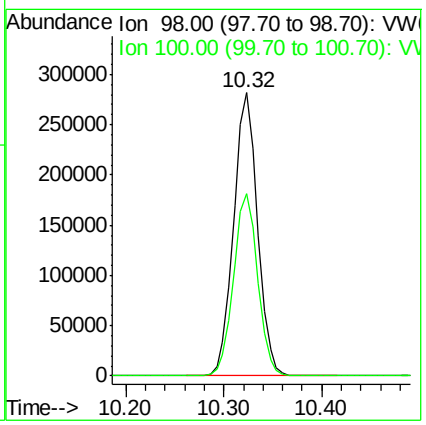


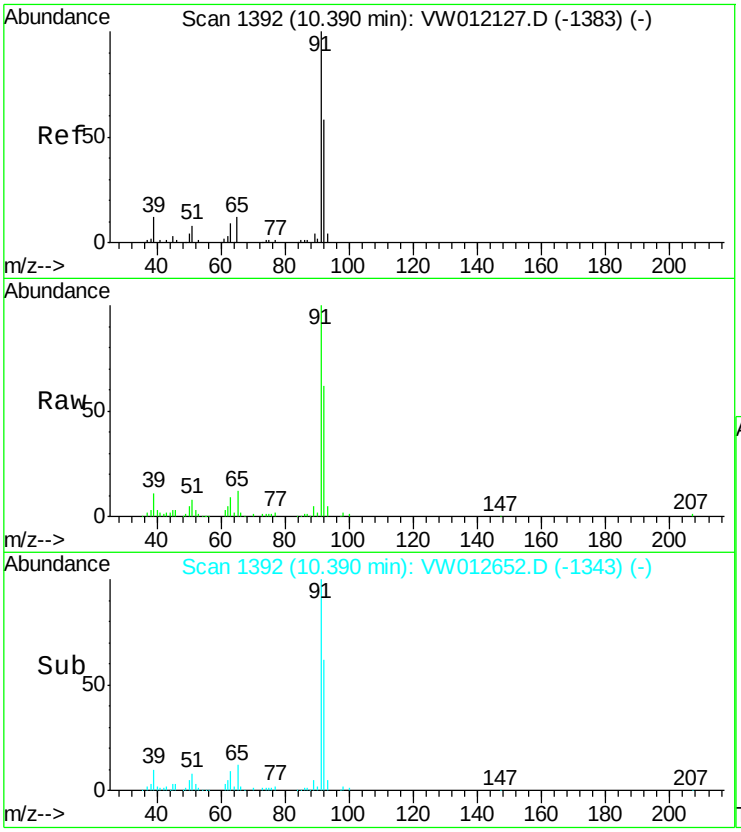


#50
Toluene-d8
Concen: 49.429 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012652.D
Acq: 05 Sep 2019 20:11

Tgt Ion: 98 Resp: 476798

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6



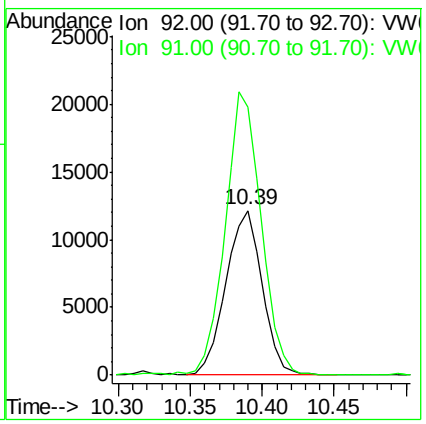


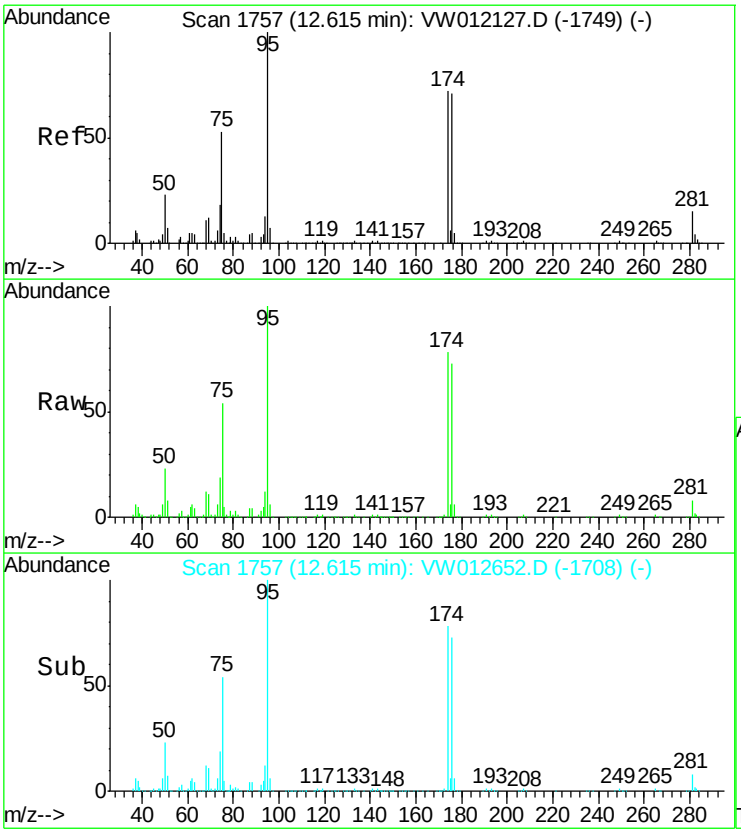
#52
Toluene
Concen: 3.183 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW012652.D
Acq: 05 Sep 2019 20:11

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-A3-(0)

Tgt Ion: 92 Resp: 21506

Ion	Ratio	Lower	Upper
92	100		
91	170.2	136.6	204.8

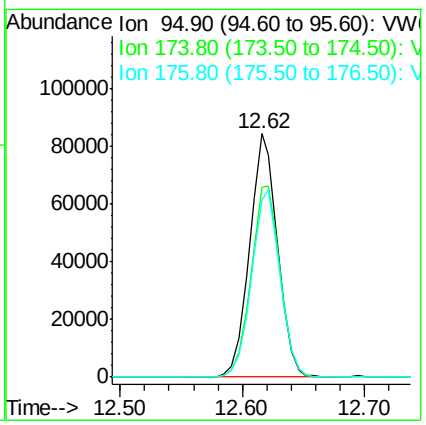


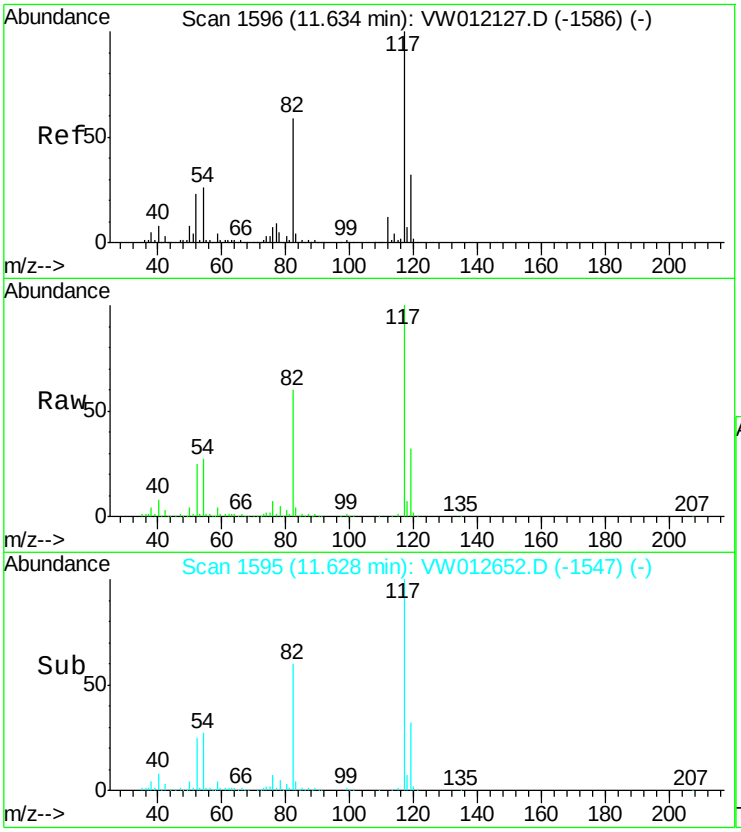


#62
4-Bromofluorobenzene
Concen: 39.288 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012652.D
Acq: 05 Sep 2019 20:11

Tgt Ion: 95 Resp: 133588

Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	150.8
176	78.6	0.0	148.6



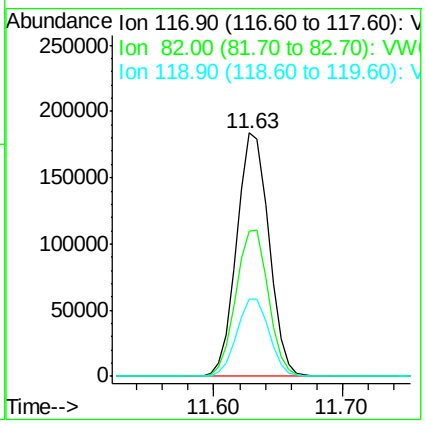


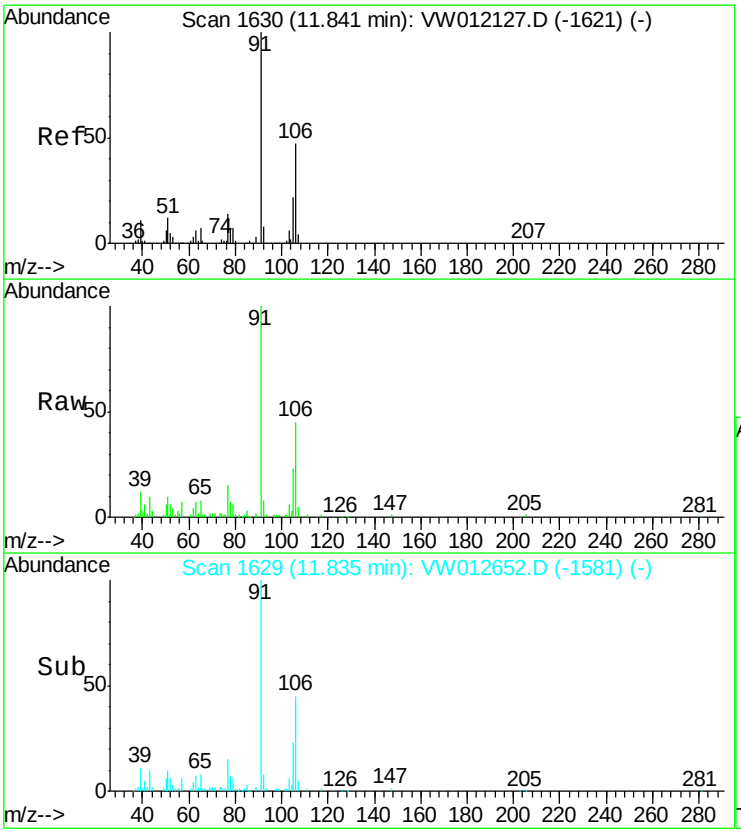
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012652.D
Acq: 05 Sep 2019 20:11

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-A3-(0)

Tgt Ion:117 Resp: 318584

Ion	Ratio	Lower	Upper
117	100		
82	59.6	47.4	71.2
119	31.9	25.4	38.2

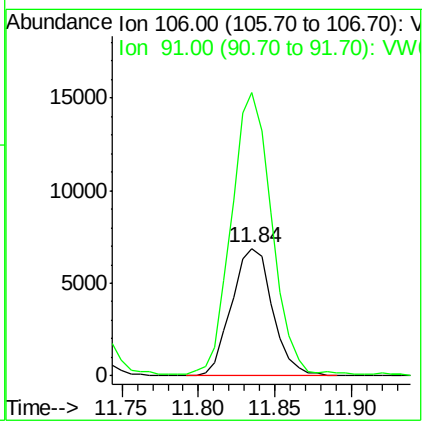


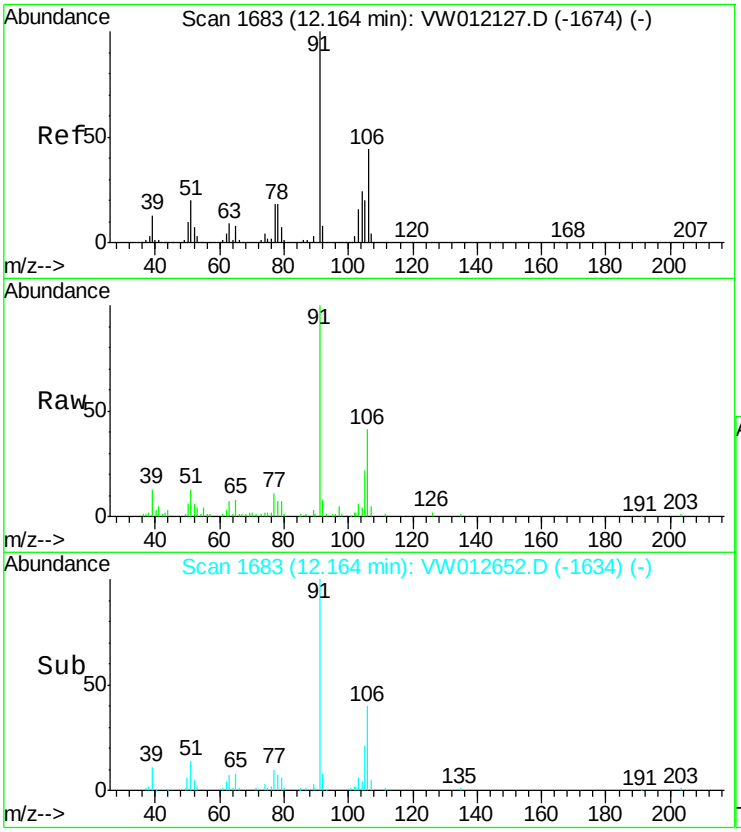


#68
m/p-Xylenes
Concen: 2.932 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012652.D
Acq: 05 Sep 2019 20:11

Tgt Ion:106 Resp: 12761

Ion	Ratio	Lower	Upper
106	100		
91	222.7	169.5	254.3



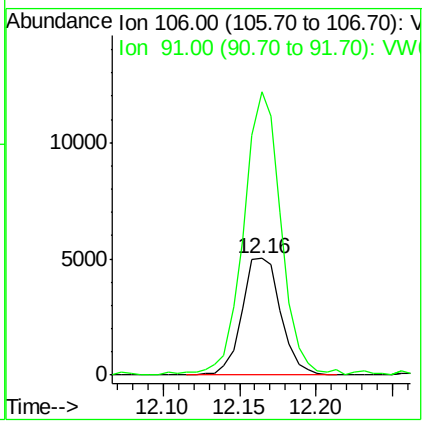


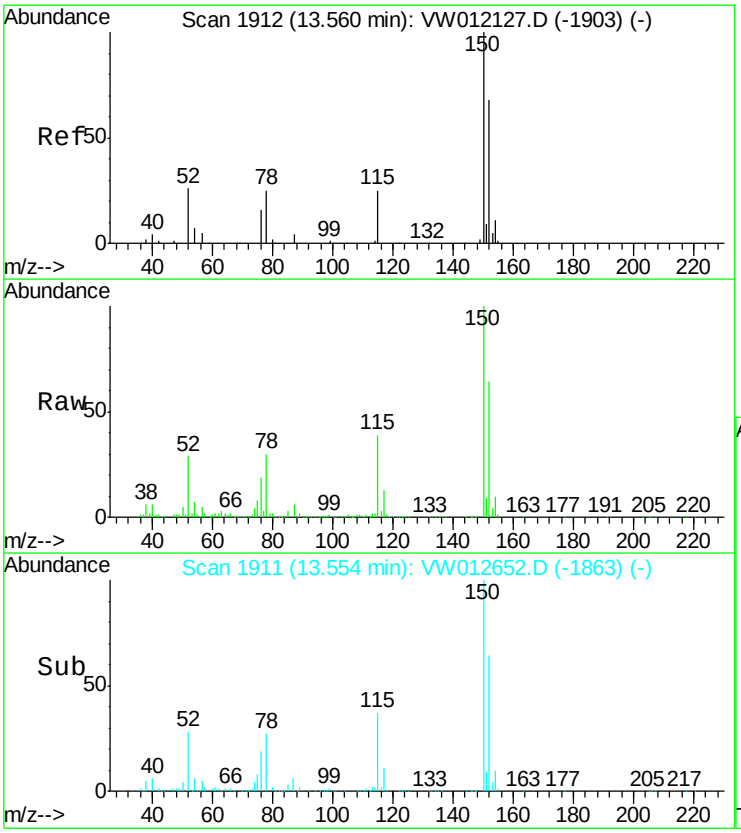
#69
o-Xylene
Concen: 2.196 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012652.D
Acq: 05 Sep 2019 20:11

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-A3-(0)

Tgt Ion:106 Resp: 8848

Ion	Ratio	Lower	Upper
106	100		
91	235.0	111.6	334.6

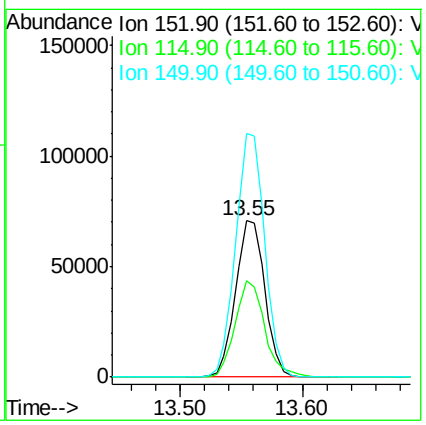


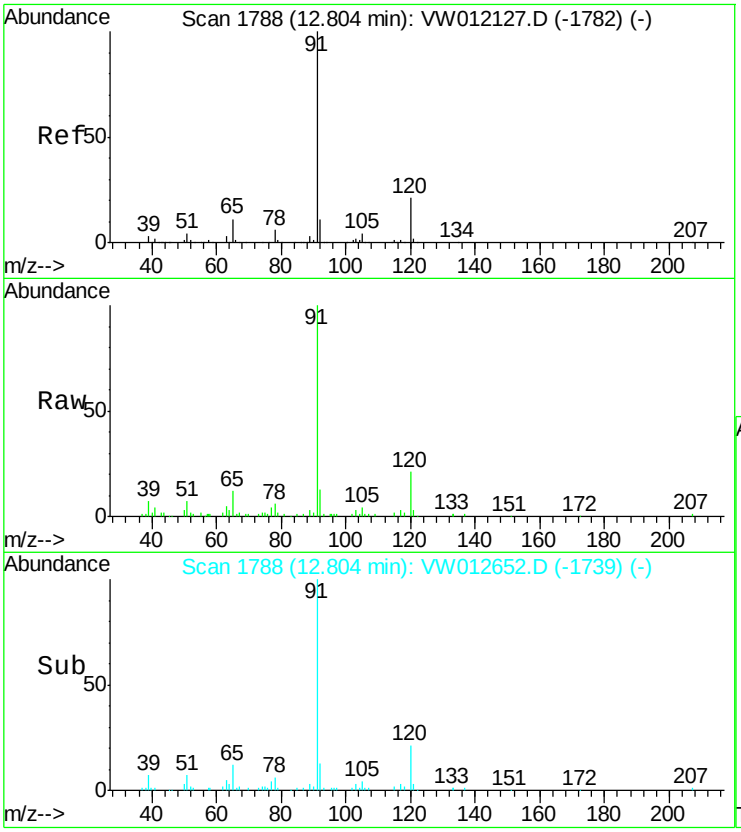


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012652.D
Acq: 05 Sep 2019 20:11

Tgt Ion:152 Resp: 116546

Ion	Ratio	Lower	Upper
152	100		
115	62.5	30.1	90.3
150	155.2	0.0	345.8



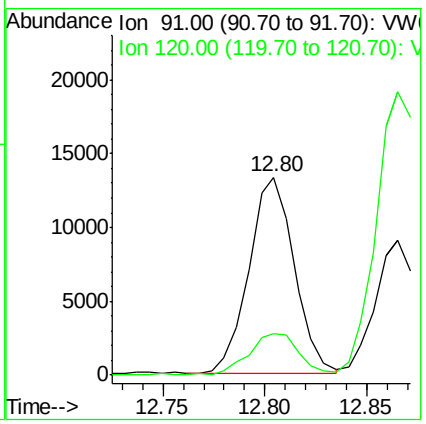


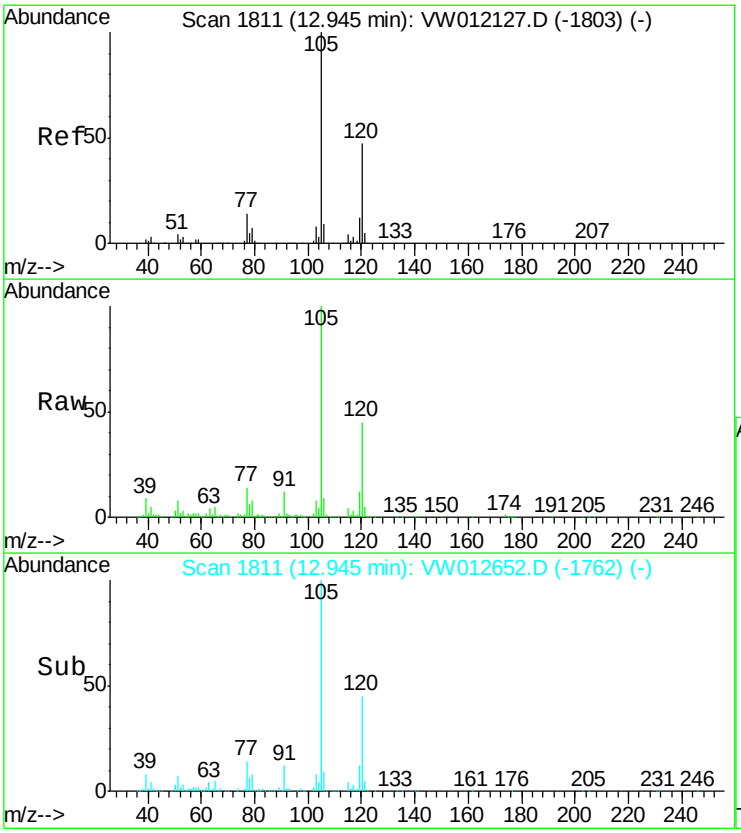
#78
n-propylbenzene
Concen: 1.941 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012652.D
Acq: 05 Sep 2019 20:11

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-A3-(0)

Tgt Ion: 91 Resp: 20696

Ion	Ratio	Lower	Upper
91	100		
120	22.3	10.5	31.6

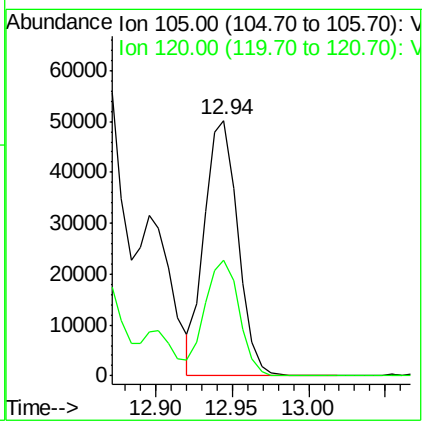


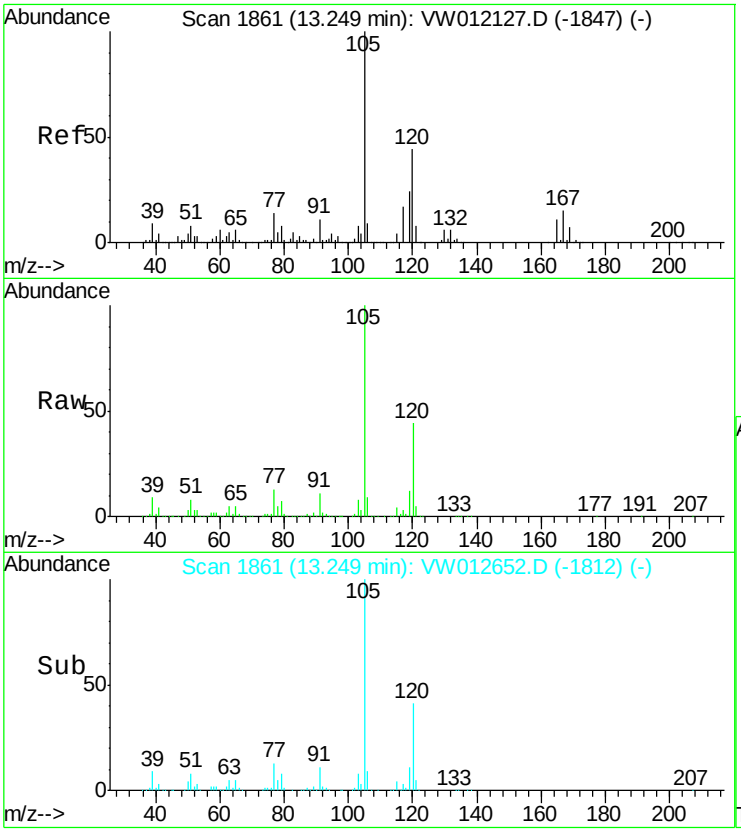


#80
1,3,5-Trimethylbenzene
Concen: 10.531 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW012652.D
Acq: 05 Sep 2019 20:11

Tgt Ion:105 Resp: 76848

Ion	Ratio	Lower	Upper
105	100		
120	45.5	24.0	72.0





#84
1,2,4-Trimethylbenzene
Concen: 27.069 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012652.D
Acq: 05 Sep 2019 20:11

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-A3-(0)

Tgt Ion:105 Resp: 198422

Ion	Ratio	Lower	Upper
105	100		
120	44.5	21.9	65.7