Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
Data File : VW007802.D
Acq On : 21 Dec 2018 18:31
Operator : SY/AP
Sample : J6392-02RE
Misc : 6.39G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : KY001SB102-121118-(7-9)-FDRE

Quant Time: Dec 22 02:46:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	20541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	28678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	16020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	4664	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	10809	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.02%			
35) Dibromofluoromethane	7.88	113	10063	57.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.04%			
50) Toluene-d8	10.32	98	31760	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.30%			
62) 4-Bromofluorobenzene	12.62	95	6346	24.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 49.82%			
Target Compounds						Qvalue
16) Acetone	4.12	43	2398	56.879	ug/l	96
25) 2-Butanone	7.18	43	850	17.213	ug/l #	86
52) Toluene	10.38	92	915	1.846	ug/l	91
68) m/p-Xylenes	11.84	106	1151	4.987	ug/l	97
69) o-Xylene	12.17	106	319	1.474	ug/l	89
84) 1,2,4-Trimethylbenzene	13.26	105	1299	4.233	ug/l	97

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

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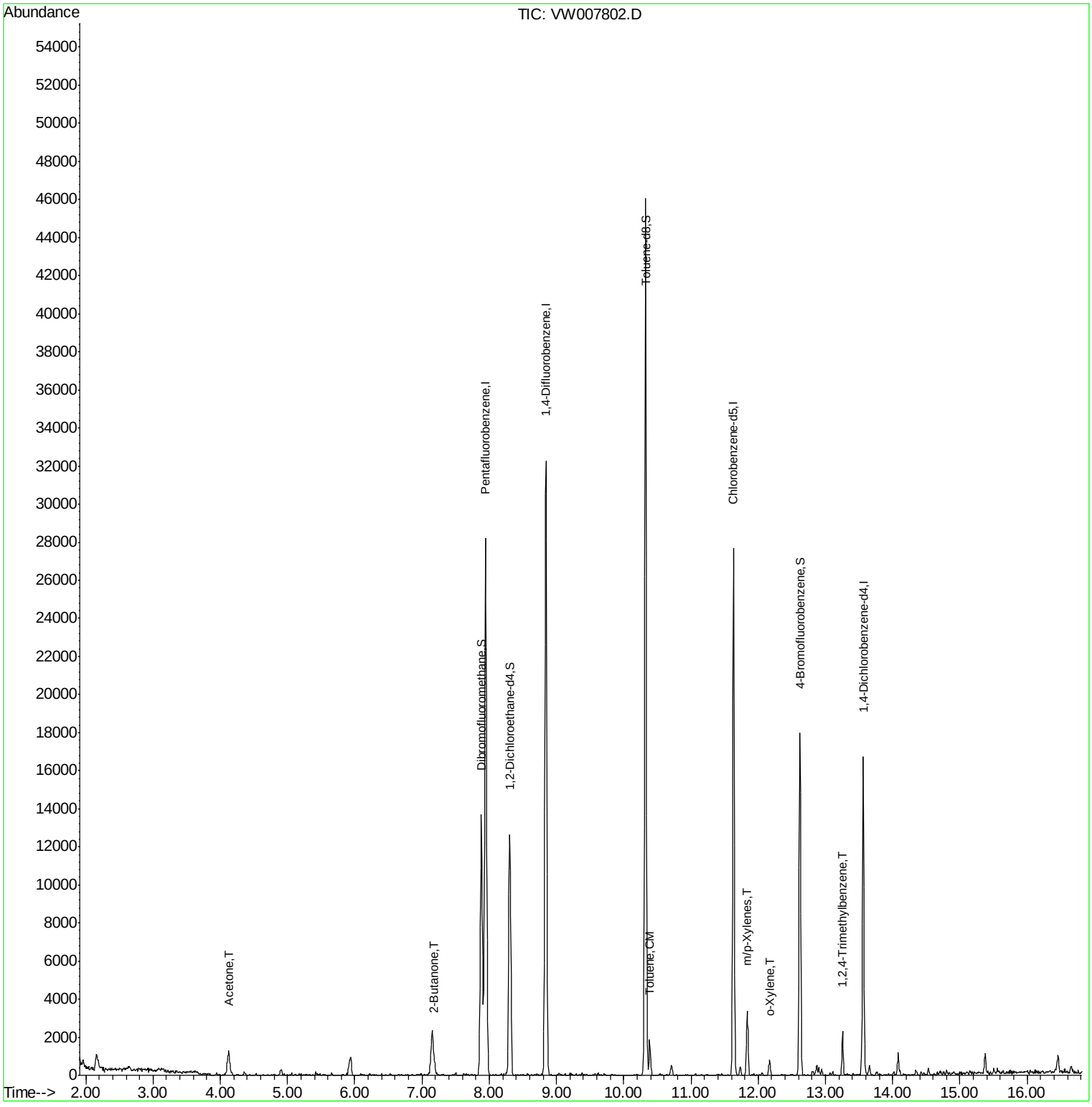
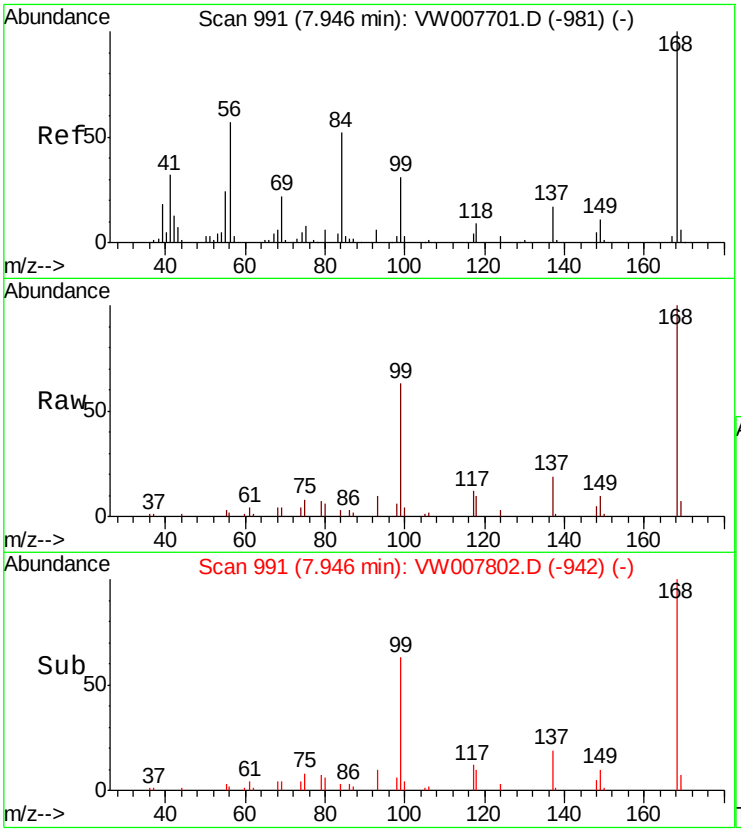


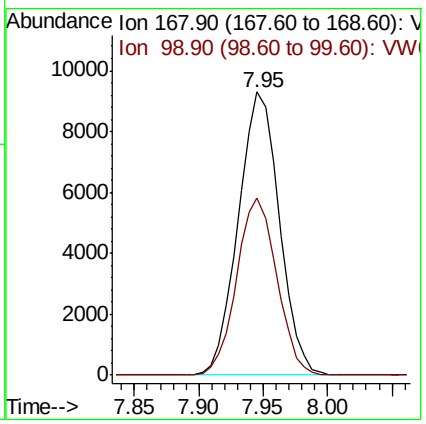


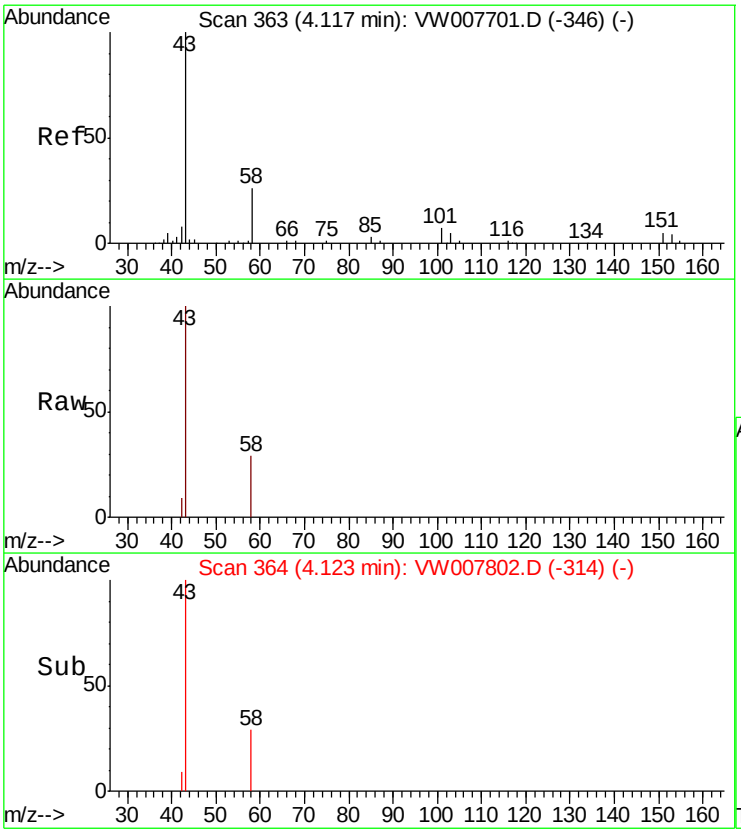
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW007802.D
Acq: 21 Dec 2018 18:31

Instrument :
MSVOA_W
ClientSampleId :
KY001SB102-121118-(7-9)-FDRE

Tgt Ion:168 Resp: 20541

Ion	Ratio	Lower	Upper
168	100		
99	62.5	54.0	81.0

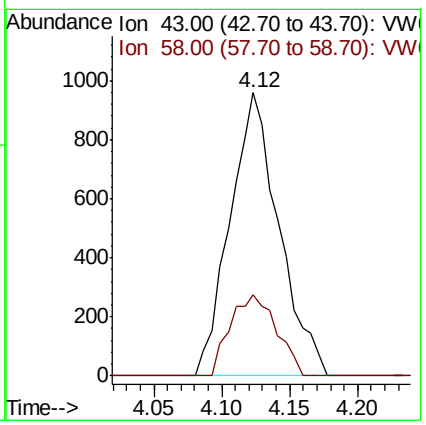


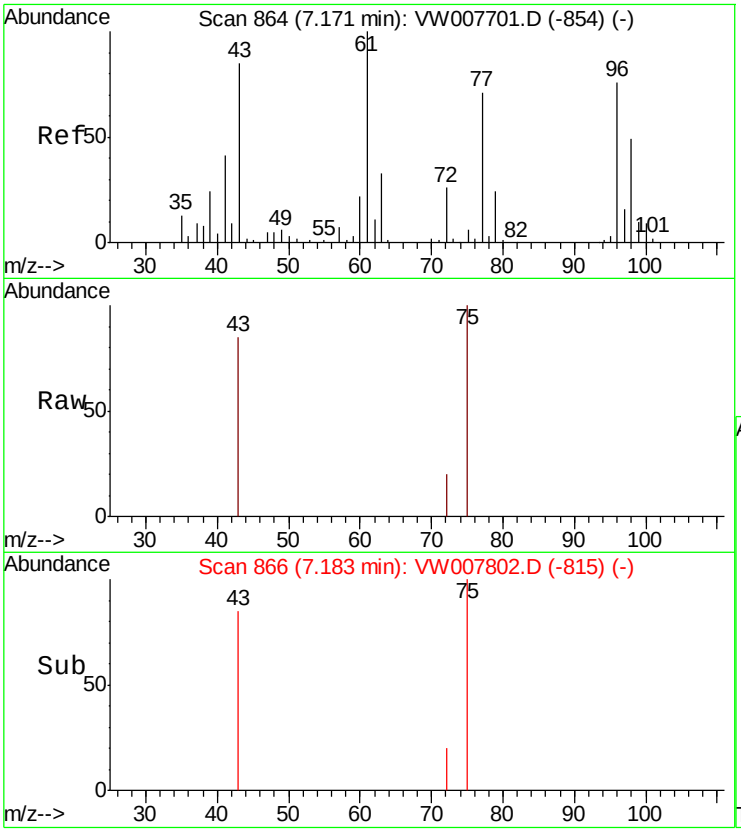


#16
Acetone
Concen: 56.879 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW007802.D
Acq: 21 Dec 2018 18:31

Tgt Ion: 43 Resp: 2398

Ion	Ratio	Lower	Upper
43	100		
58	28.7	21.2	31.8



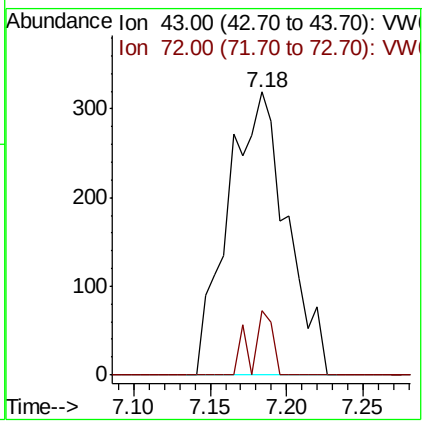


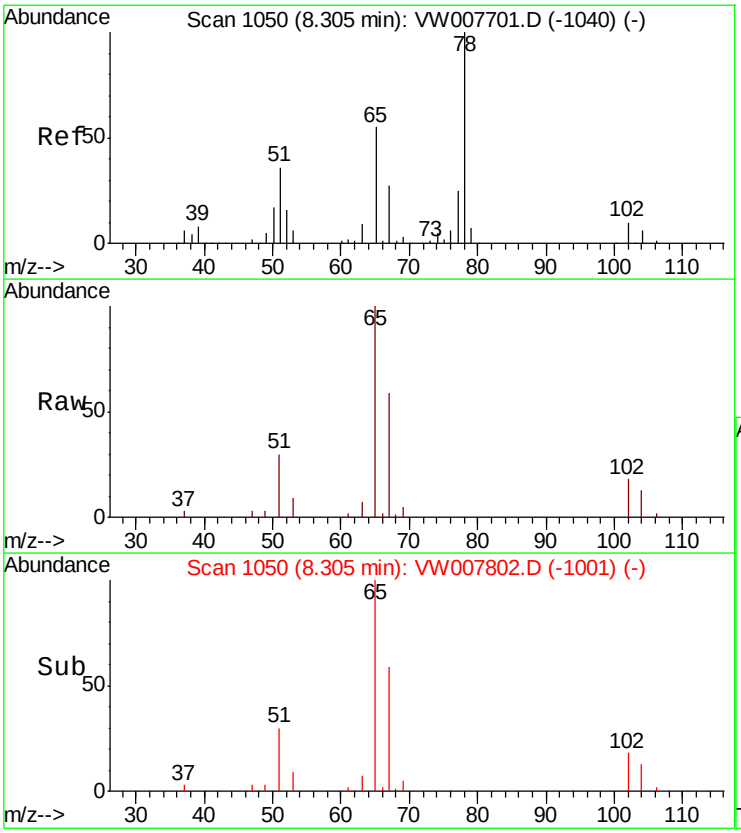
#25
2-Butanone
Concen: 17.213 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW007802.D
Acq: 21 Dec 2018 18:31

Instrument :
MSVOA_W
ClientSampleId :
KY001SB102-121118-(7-9)-FDRE

Tgt Ion: 43 Resp: 850

Ion	Ratio	Lower	Upper
43	100		
72	22.9	24.5	36.7#

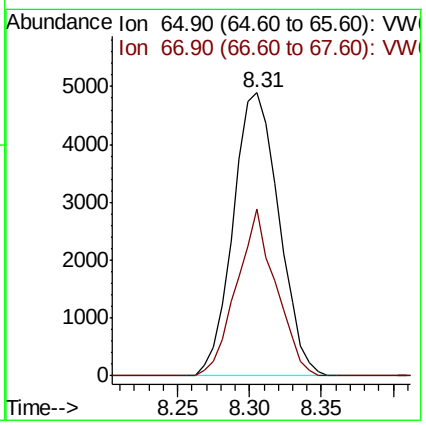


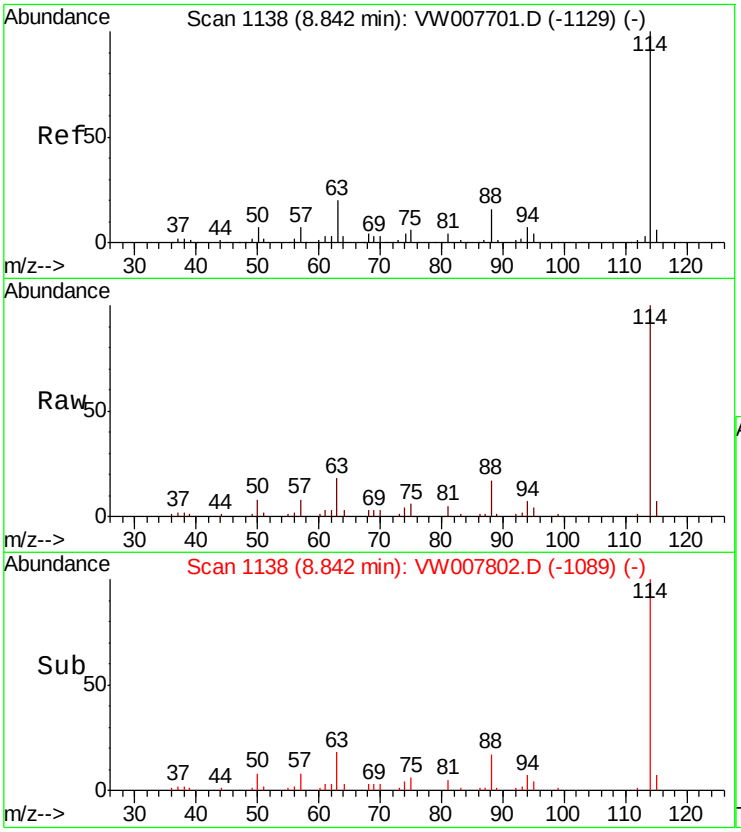


#33
1,2-Dichloroethane-d4
Concen: 48.010 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007802.D
Acq: 21 Dec 2018 18:31

Tgt Ion: 65 Resp: 10809

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	100.6



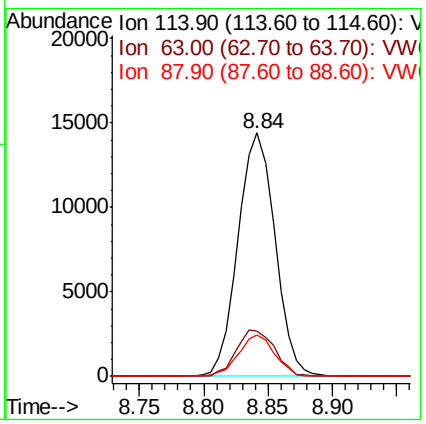


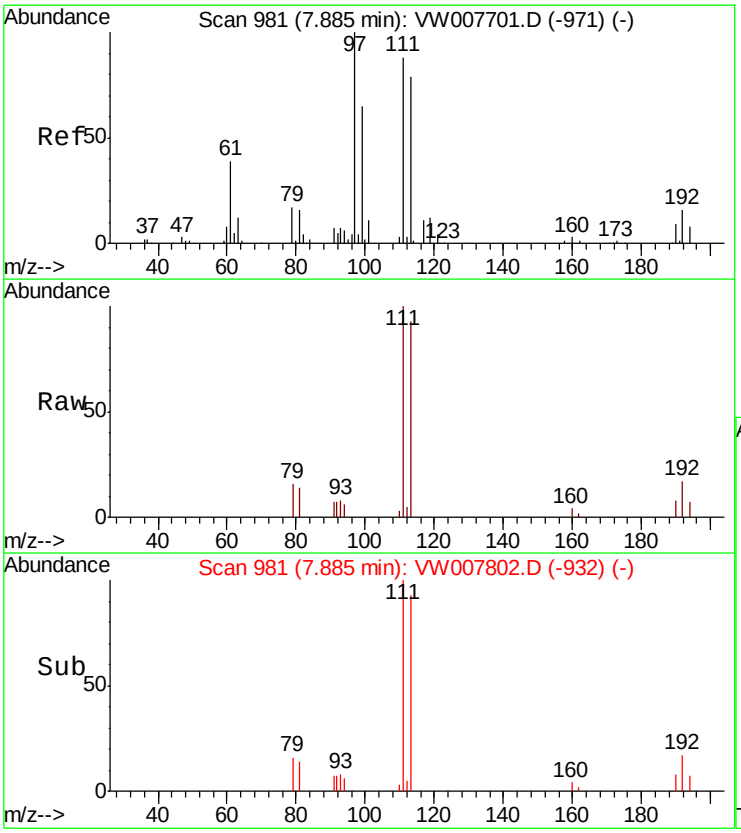
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007802.D
Acq: 21 Dec 2018 18:31

Instrument :
MSVOA_W
ClientSampleId :
KY001SB102-121118-(7-9)-FDRE

Tgt Ion:114 Resp: 28678

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	40.0
88	17.2	0.0	32.6

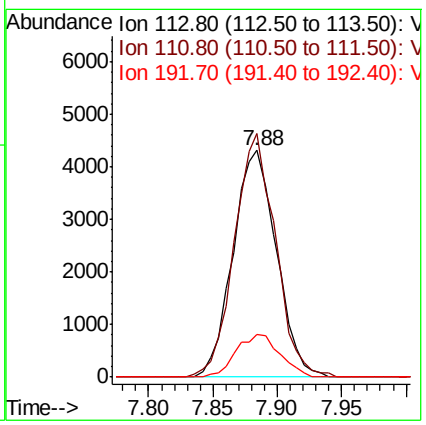


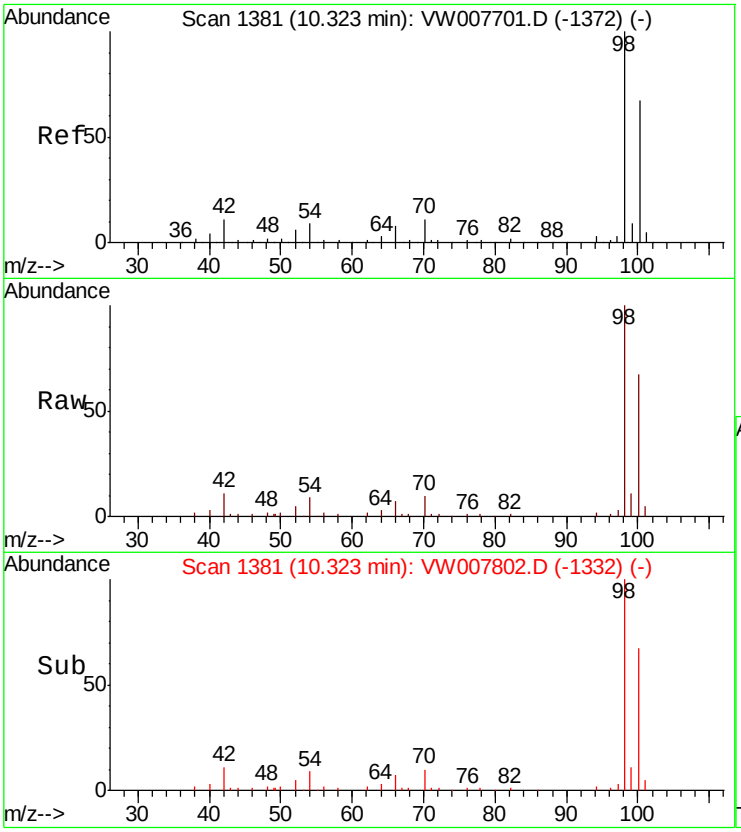


#35
Dibromofluoromethane
Concen: 57.519 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007802.D
Acq: 21 Dec 2018 18:31

Tgt Ion:113 Resp: 10063

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	124.0
192	18.8	15.5	23.3



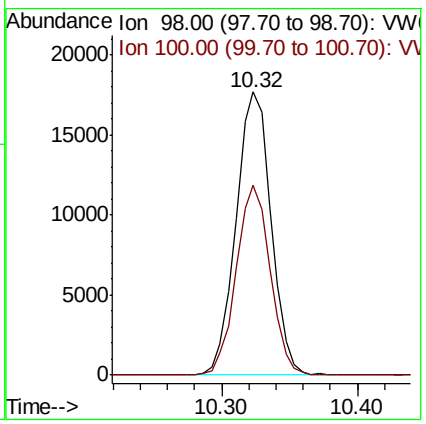


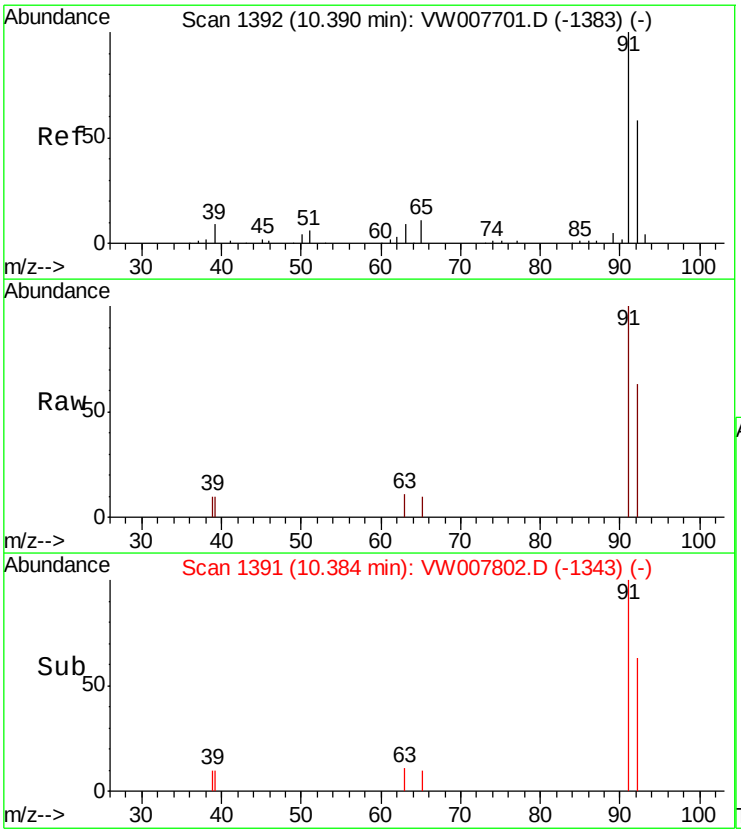
#50
Toluene-d8
Concen: 48.155 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007802.D
Acq: 21 Dec 2018 18:31

Instrument :
MSVOA_W
ClientSampleId :
KY001SB102-121118-(7-9)-FDRE

Tgt Ion: 98 Resp: 31760

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2

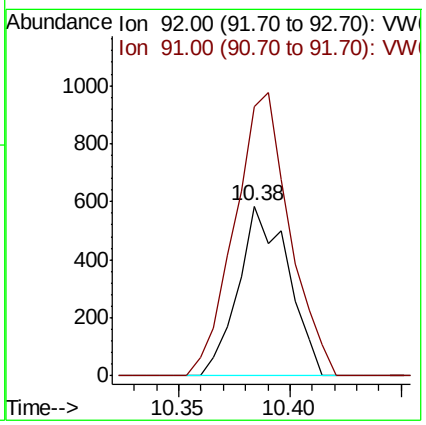


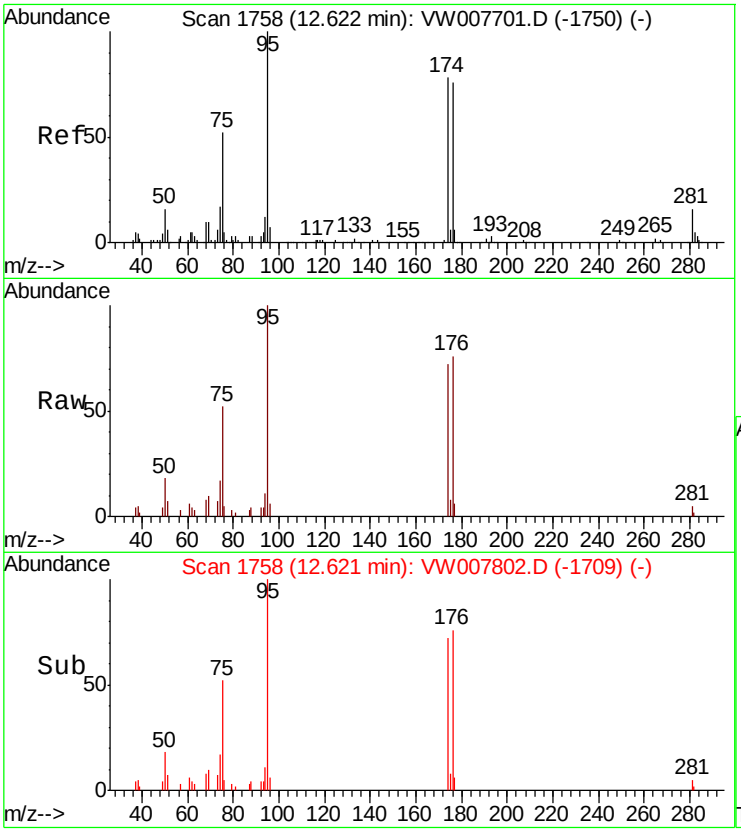


#52
Toluene
Concen: 1.846 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW007802.D
Acq: 21 Dec 2018 18:31

Tgt Ion: 92 Resp: 915

Ion	Ratio	Lower	Upper
92	100		
91	183.2	137.0	205.4



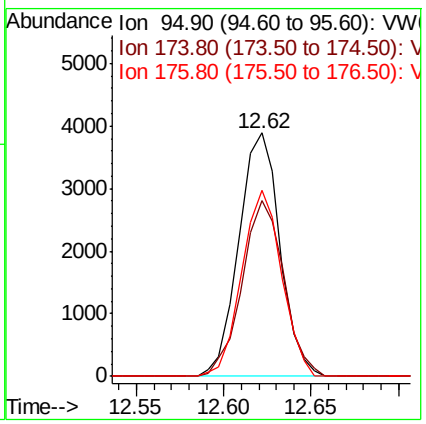


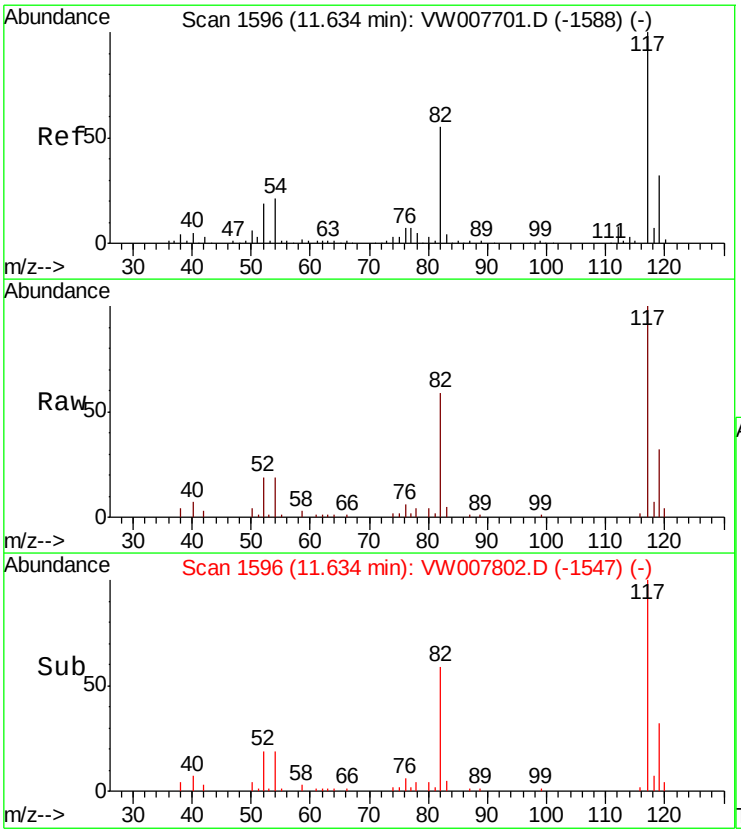
#62
4-Bromofluorobenzene
Concen: 24.906 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007802.D
Acq: 21 Dec 2018 18:31

Instrument :
MSVOA_W
ClientSampleId :
KY001SB102-121118-(7-9)-FDRE

Tgt Ion: 95 Resp: 6346

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	152.2
176	74.3	0.0	146.8

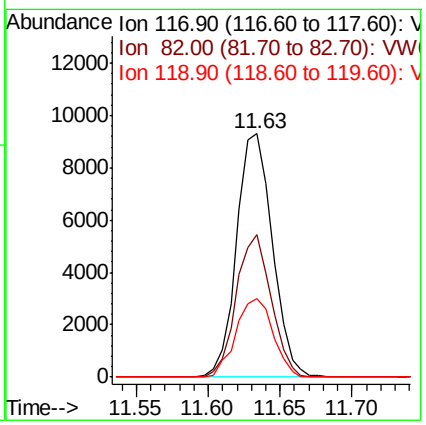


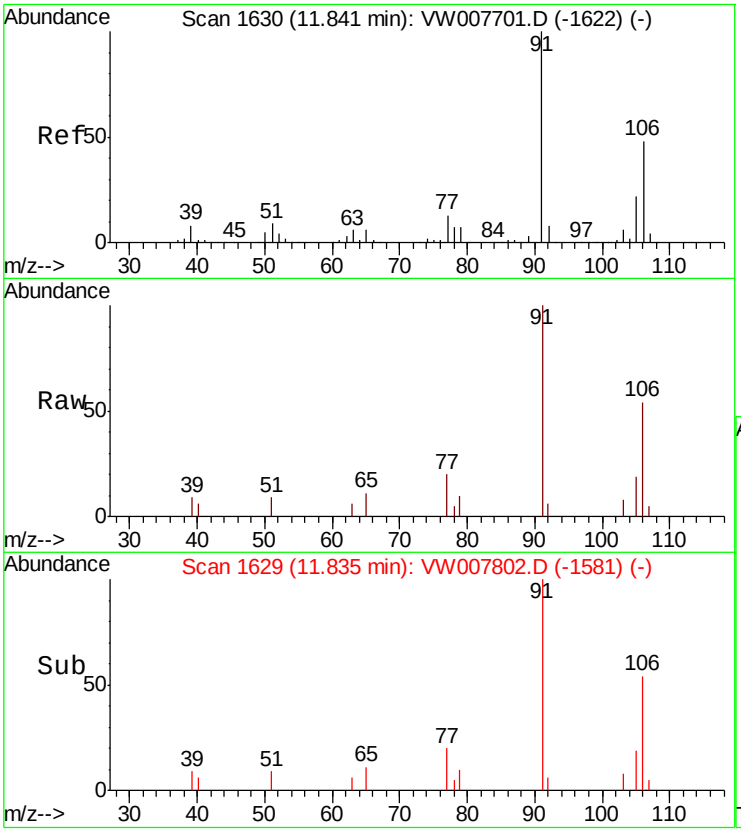


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007802.D
Acq: 21 Dec 2018 18:31

Tgt Ion:117 Resp: 16020

Ion	Ratio	Lower	Upper
117	100		
82	58.5	44.3	66.5
119	32.2	25.7	38.5



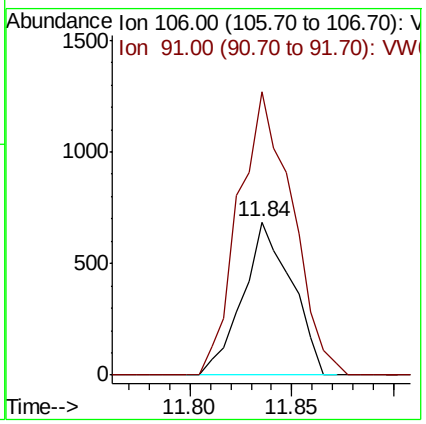


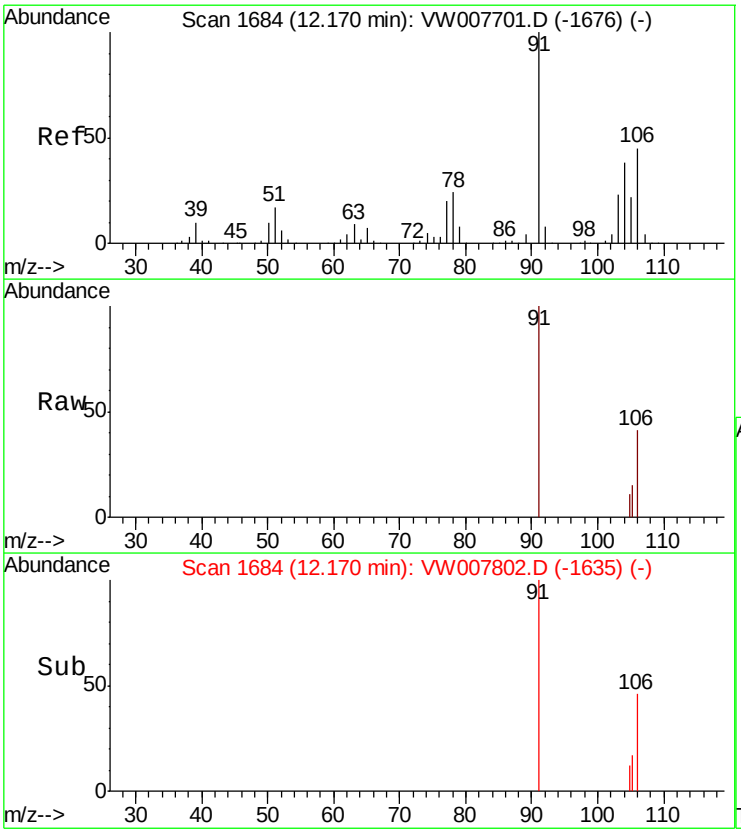
#68
m/p-Xylenes
Concen: 4.987 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007802.D
Acq: 21 Dec 2018 18:31

Instrument :
MSVOA_W
ClientSampleId :
KY001SB102-121118-(7-9)-FDRE

Tgt Ion:106 Resp: 1151

Ion	Ratio	Lower	Upper
106	100		
91	202.4	165.2	247.8

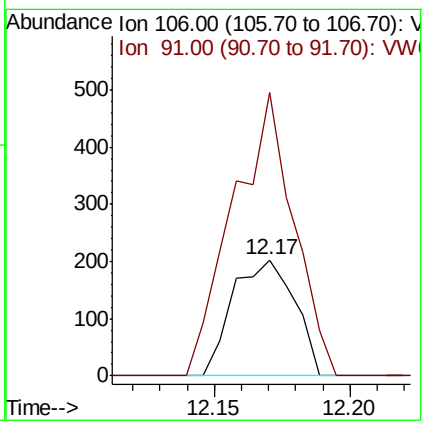


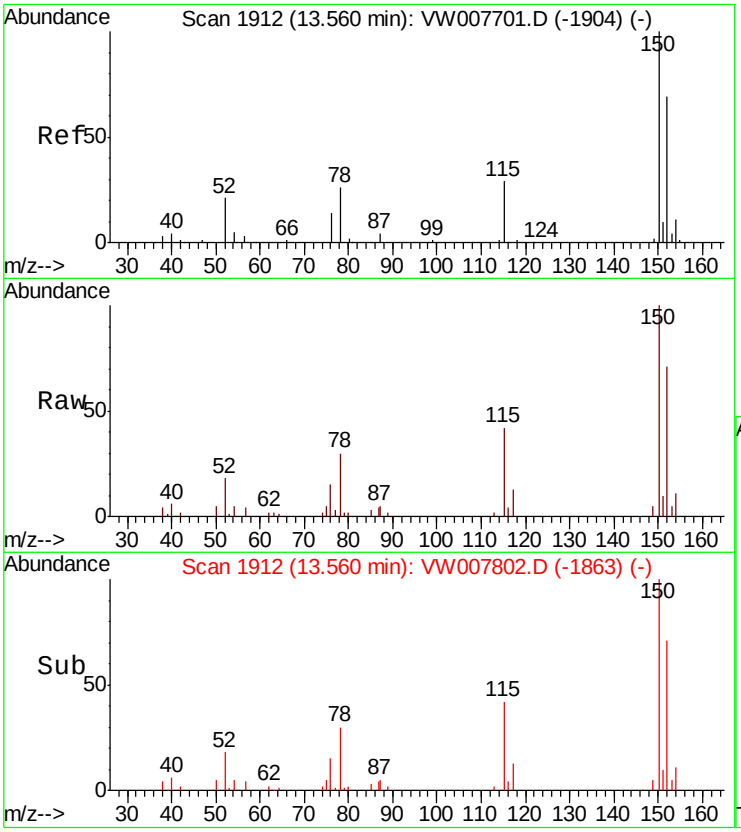


#69
o-Xylene
Concen: 1.474 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007802.D
Acq: 21 Dec 2018 18:31

Tgt Ion:106 Resp: 319

Ion	Ratio	Lower	Upper
106	100		
91	239.2	110.5	331.4



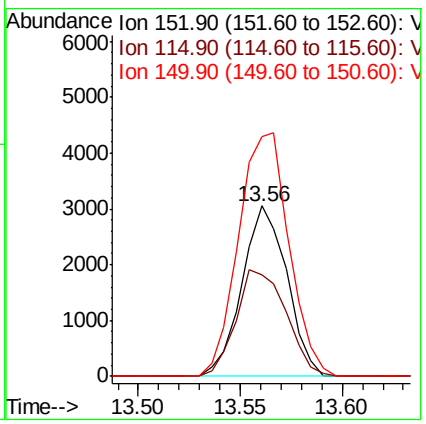


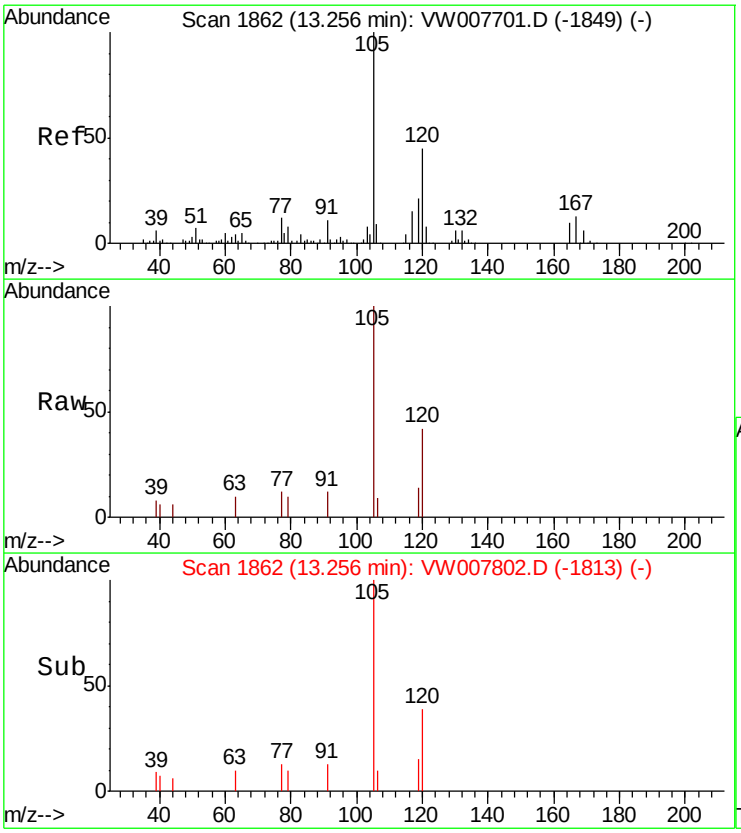
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007802.D
Acq: 21 Dec 2018 18:31

Instrument : MSVOA_W
ClientSampleId : KY001SB102-121118-(7-9)-FDRE

Tgt Ion:152 Resp: 4664

Ion	Ratio	Lower	Upper
152	100		
115	69.6	31.8	95.4
150	160.8	0.0	350.8





#84
1,2,4-Trimethylbenzene
Concen: 4.233 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007802.D
Acq: 21 Dec 2018 18:31

Tgt Ion:105 Resp: 1299

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.0	66.0