Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122319\
Data File : VV014167.D
Acq On : 23 Dec 2019 19:07
Operator : SY/MD
Sample : K6404-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDZ1

Quant Time: Dec 24 02:55:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 01:34:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	351340	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	329550	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	153863	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	127764	5.07	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.40%			
7) Chloroethane-d5	1.59	69	112522	5.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.80%			
11) 1,1-Dichloroethene-d2	2.13	63	170686	4.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.00%			
20) 2-Butanone-d5	3.92	46	262733	55.25	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.50%			
24) Chloroform-d	4.40	84	239137	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
26) 1,2-Dichloroethane-d4	5.08	65	121046	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.40%			
32) Benzene-d6	5.10	84	477313	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.60%			
36) 1,2-Dichloropropane-d6	6.12	67	148014	5.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.20%			
41) Toluene-d8	7.36	98	401740	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
43) trans-1,3-Dichloropropene-	7.66	79	52985	5.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.00%			
46) 2-Hexanone-d5	8.13	63	194060	52.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.64%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	96827	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	161453	5.86	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 117.20%			
Target Compounds						Qvalue
13) Acetone	2.19	43	57238	14.776	ug/L	97
14) Carbon disulfide	2.32	76	175251	2.603	ug/L	99
33) Benzene	5.15	78	9834	0.106	ug/L	100
42) Toluene	7.43	91	20920	0.215	ug/L	96
53) m,p-xylene	9.18	106	6347	0.162	ug/L	99
54) o-xylene	9.58	106	3674	0.100	ug/L	88
63) 1,4-Dichlorobenzene	11.31	146	19365	0.426	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	21949	0.525	ug/L	88

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

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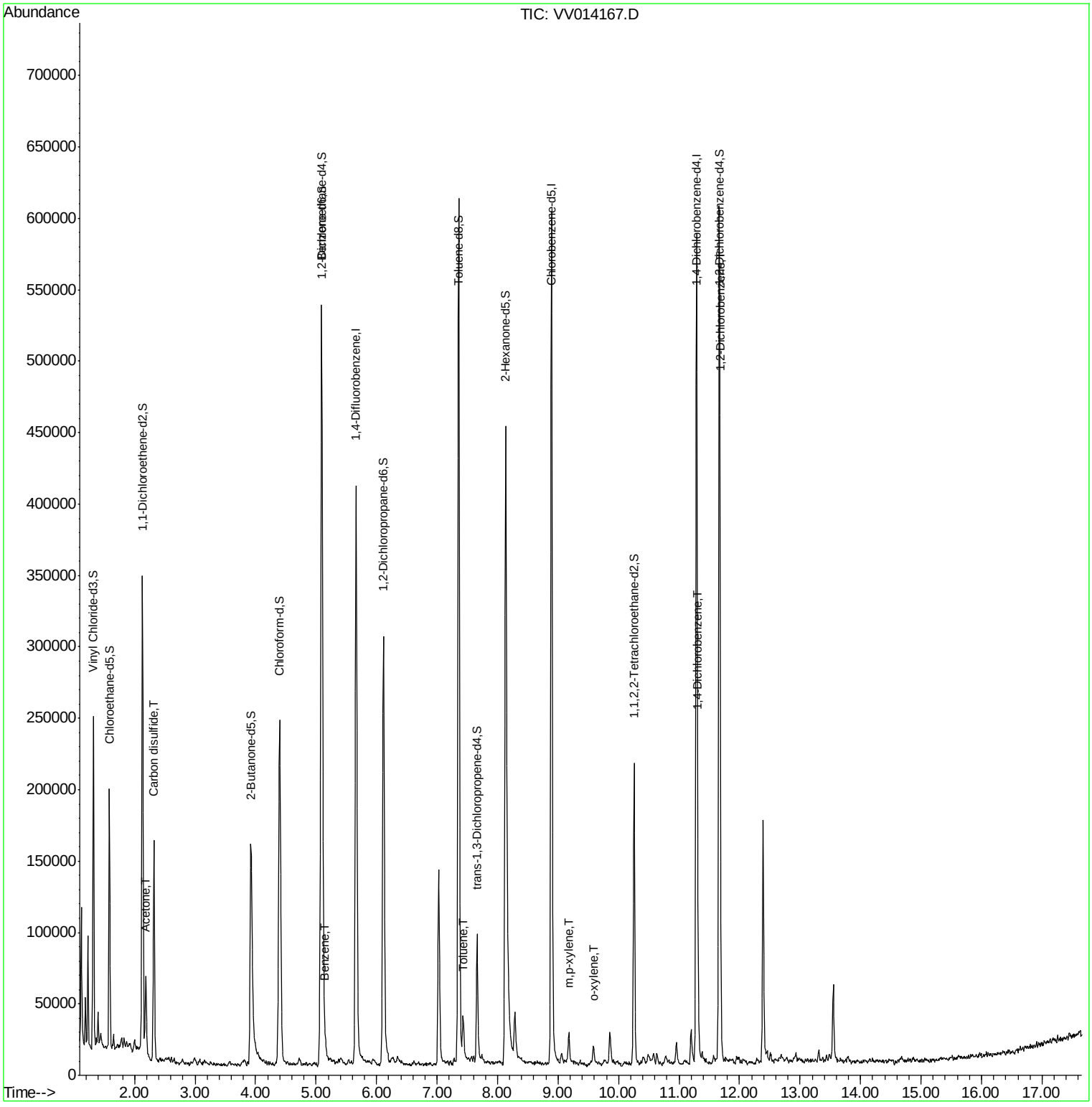
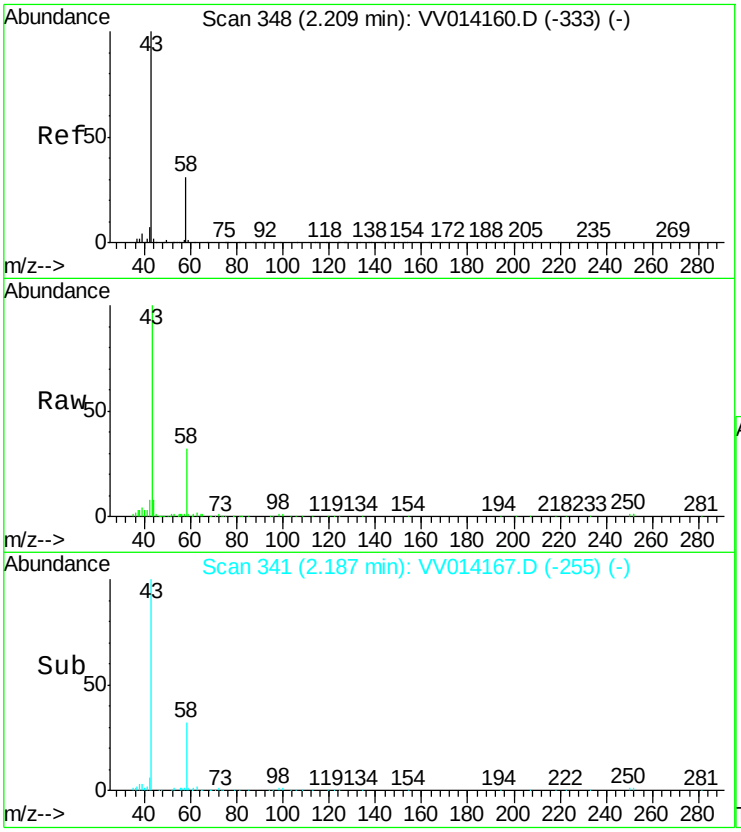
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 01:34:37 2019
Response via : Initial Calibration



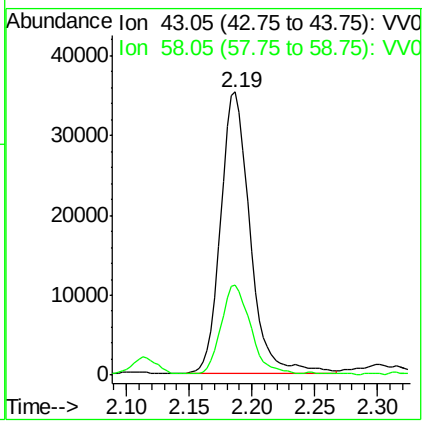


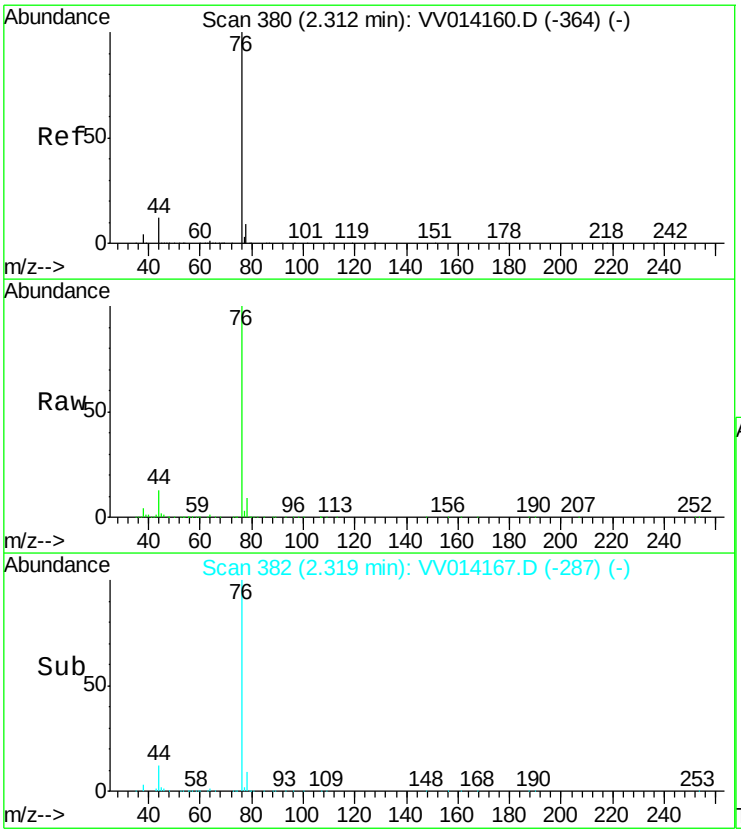
#13
Acetone
Concen: 14.776 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.02 min
Lab File: VV014167.D
Acq: 23 Dec 2019 19:07

Instrument : MSVOA_V
ClientSampleId : BFDZ1

Tgt Ion: 43 Resp: 57238

Ion	Ratio	Lower	Upper
43	100		
58	31.1	0.0	58.8

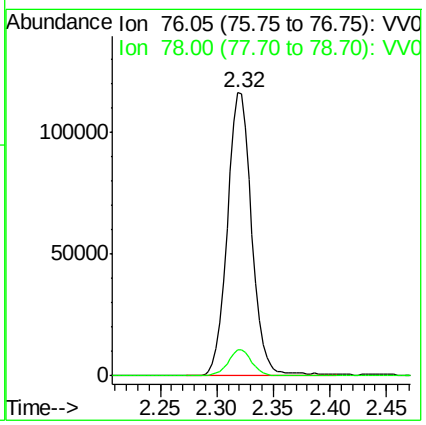


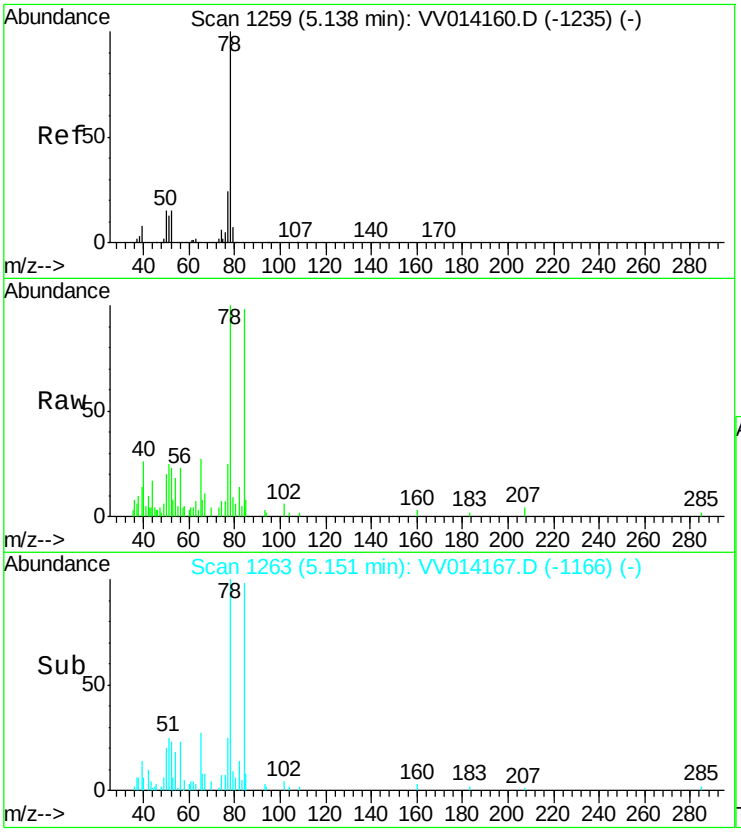


#14
Carbon disulfide
Concen: 2.603 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.01 min
Lab File: VV014167.D
Acq: 23 Dec 2019 19:07

Tgt Ion: 76 Resp: 175251

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

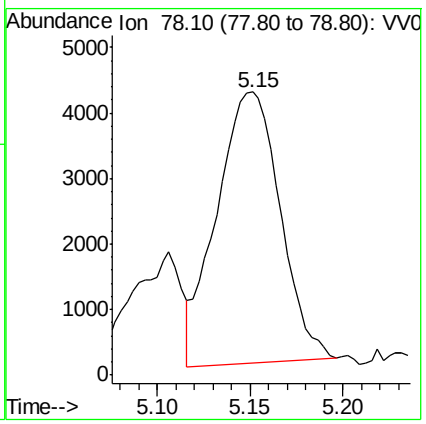


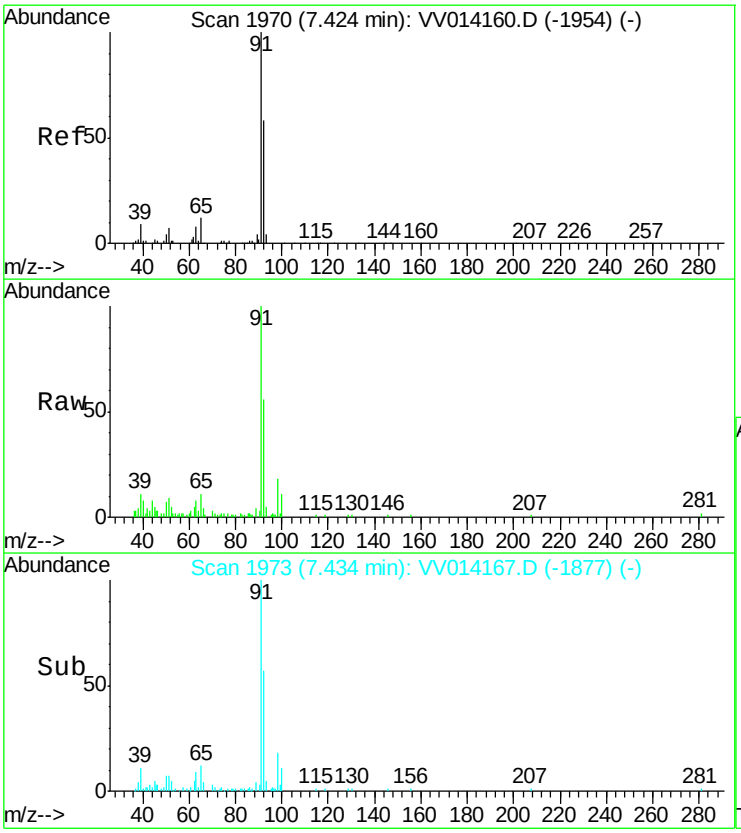


#33
Benzene
Concen: 0.106 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VV014167.D
Acq: 23 Dec 2019 19:07

Instrument :
MSVOA_V
ClientSampleId :
BFDZ1

Tgt Ion: 78 Resp: 9834

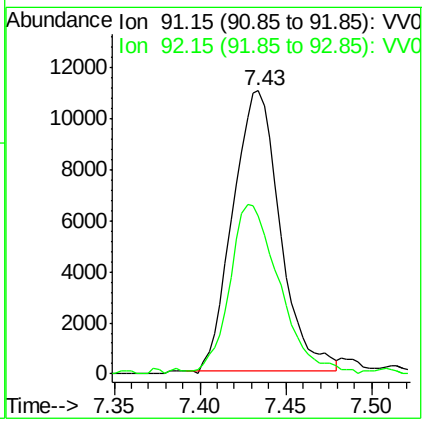


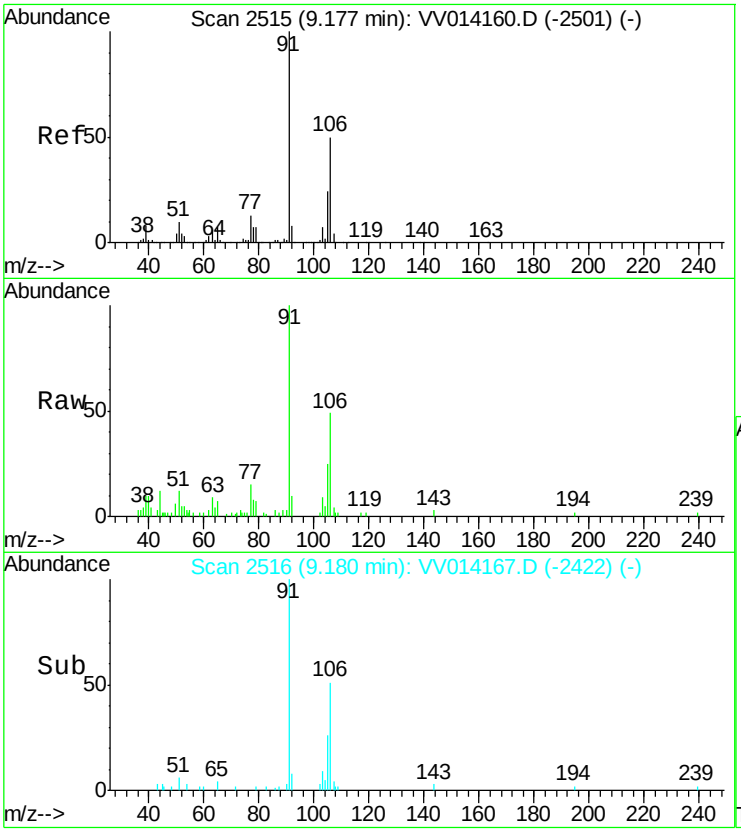


#42
Toluene
Concen: 0.215 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VV014167.D
Acq: 23 Dec 2019 19:07

Tgt Ion: 91 Resp: 20920

Ion	Ratio	Lower	Upper
91	100		
92	55.8	41.2	76.6



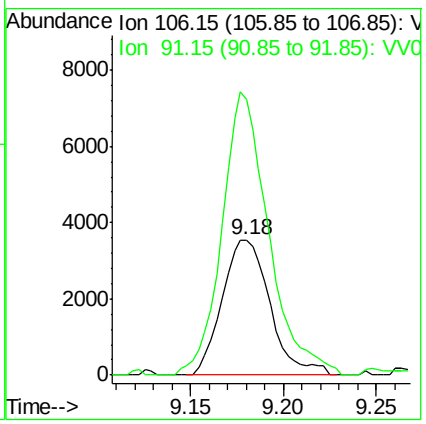


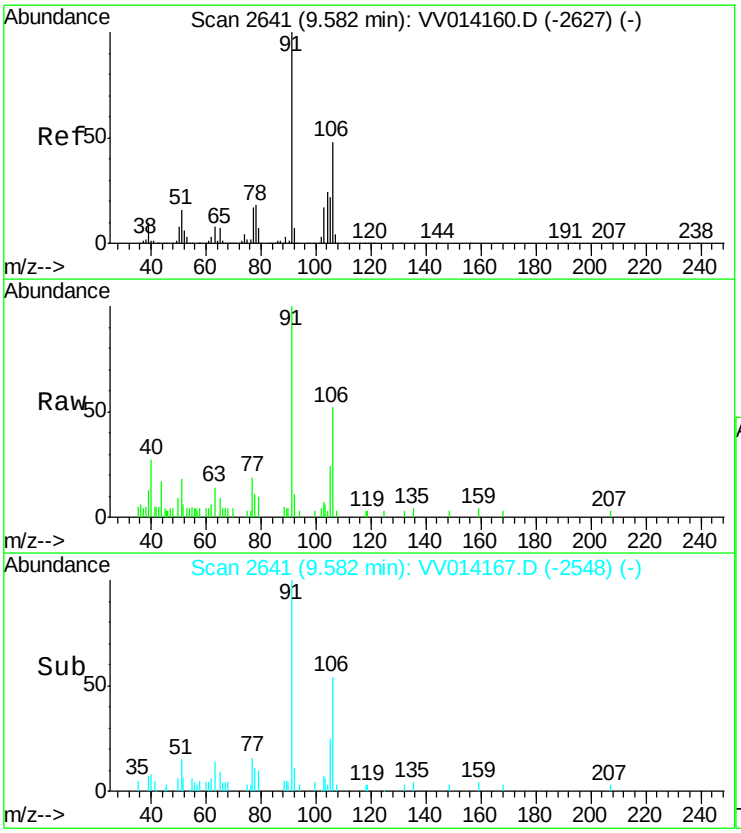
#53
m,p-xylene
Concen: 0.162 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV014167.D
Acq: 23 Dec 2019 19:07

Instrument : MSVOA_V
ClientSampleId : BFDZ1

Tgt Ion:106 Resp: 6347

Ion	Ratio	Lower	Upper
106	100		
91	203.6	141.1	262.1

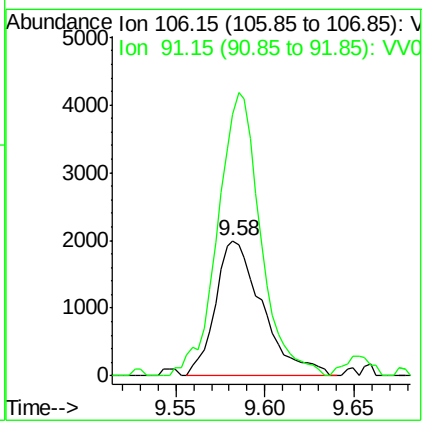


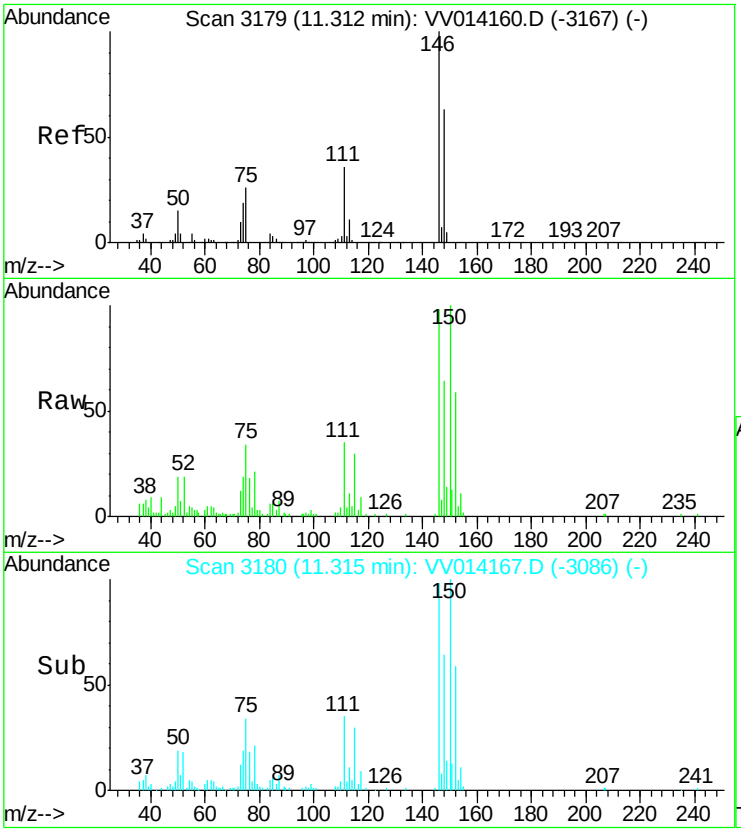


#54
o-xylene
Concen: 0.100 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV014167.D
Acq: 23 Dec 2019 19:07

Tgt Ion:106 Resp: 3674

Ion	Ratio	Lower	Upper
106	100		
91	193.4	149.0	276.8



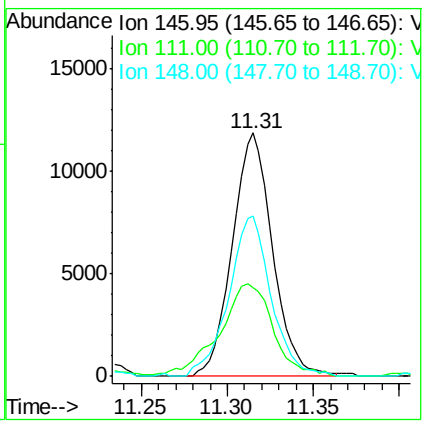


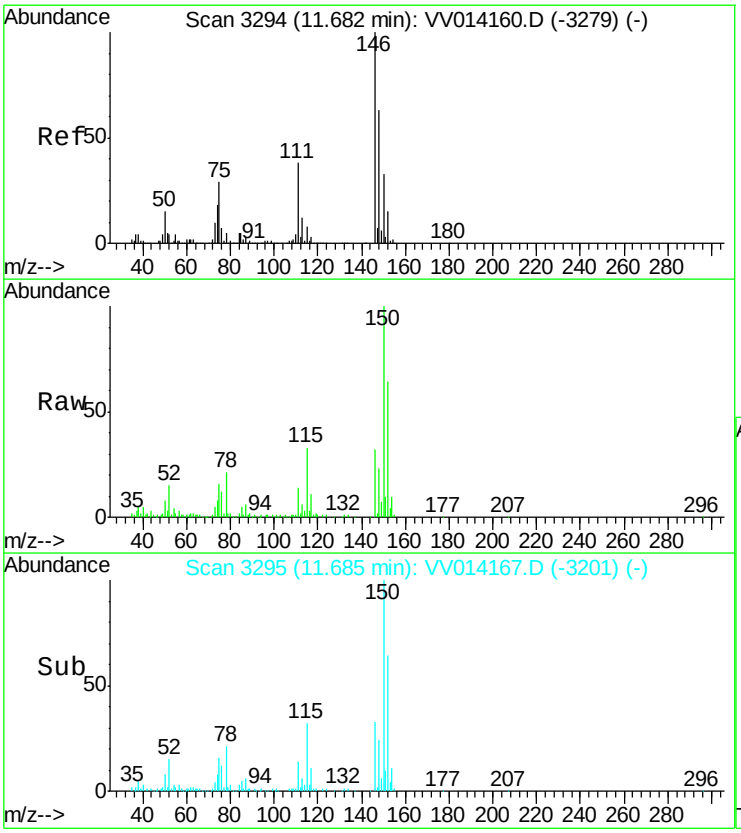
#63
1,4-Dichlorobenzene
Concen: 0.426 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV014167.D
Acq: 23 Dec 2019 19:07

Instrument :
MSVOA_V
ClientSampleId :
BFDZ1

Tgt Ion:146 Resp: 19365

Ion	Ratio	Lower	Upper
146	100		
111	36.4	25.7	47.7
148	65.7	45.1	83.7





#65
1,2-Dichlorobenzene
Concen: 0.525 ug/L
RT: 11.68 min Scan# 3295
Delta R.T. 0.00 min
Lab File: VV014167.D
Acq: 23 Dec 2019 19:07

Tgt Ion:146 Resp: 21949

Ion	Ratio	Lower	Upper
146	100		
111	43.9	30.7	46.1
148	72.4	49.4	74.2