Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111519\
Data File : VV013643.D
Acq On : 15 Nov 2019 17:03
Operator : SY/MD
Sample : K5855-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQF9

Quant Time: Nov 19 01:23:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 15 23:49:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	375219	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	365255	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	165926	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	107322	4.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.60%			
7) Chloroethane-d5	1.58	69	97670	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.40%			
11) 1,1-Dichloroethene-d2	2.12	63	144158	3.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.40%			
20) 2-Butanone-d5	3.96	46	250486	46.73	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.46%			
24) Chloroform-d	4.39	84	232947	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
26) 1,2-Dichloroethane-d4	5.08	65	115300	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
32) Benzene-d6	5.09	84	463653	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
36) 1,2-Dichloropropane-d6	6.11	67	141382	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.00%			
41) Toluene-d8	7.35	98	408156	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.20%			
43) trans-1,3-Dichloropropene-	7.66	79	49999	4.32	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.40%			
46) 2-Hexanone-d5	8.14	63	187404	42.77	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.54%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	92831	4.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	155112	4.86	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.20%			
Target Compounds						Qvalue
13) Acetone	2.23	43	13333	3.943	ug/L	82
42) Toluene	7.43	91	43000	0.364	ug/L	98
53) m,p-xylene	9.18	106	6220	0.131	ug/L	89
54) o-xylene	9.58	106	6656	0.146	ug/L	96
63) 1,4-Dichlorobenzene	11.31	146	24574	0.435	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	5732	0.151	ug/L	89
70) 1,2,3-Trichlorobenzene	13.79	180	4017	0.116	ug/L #	87

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

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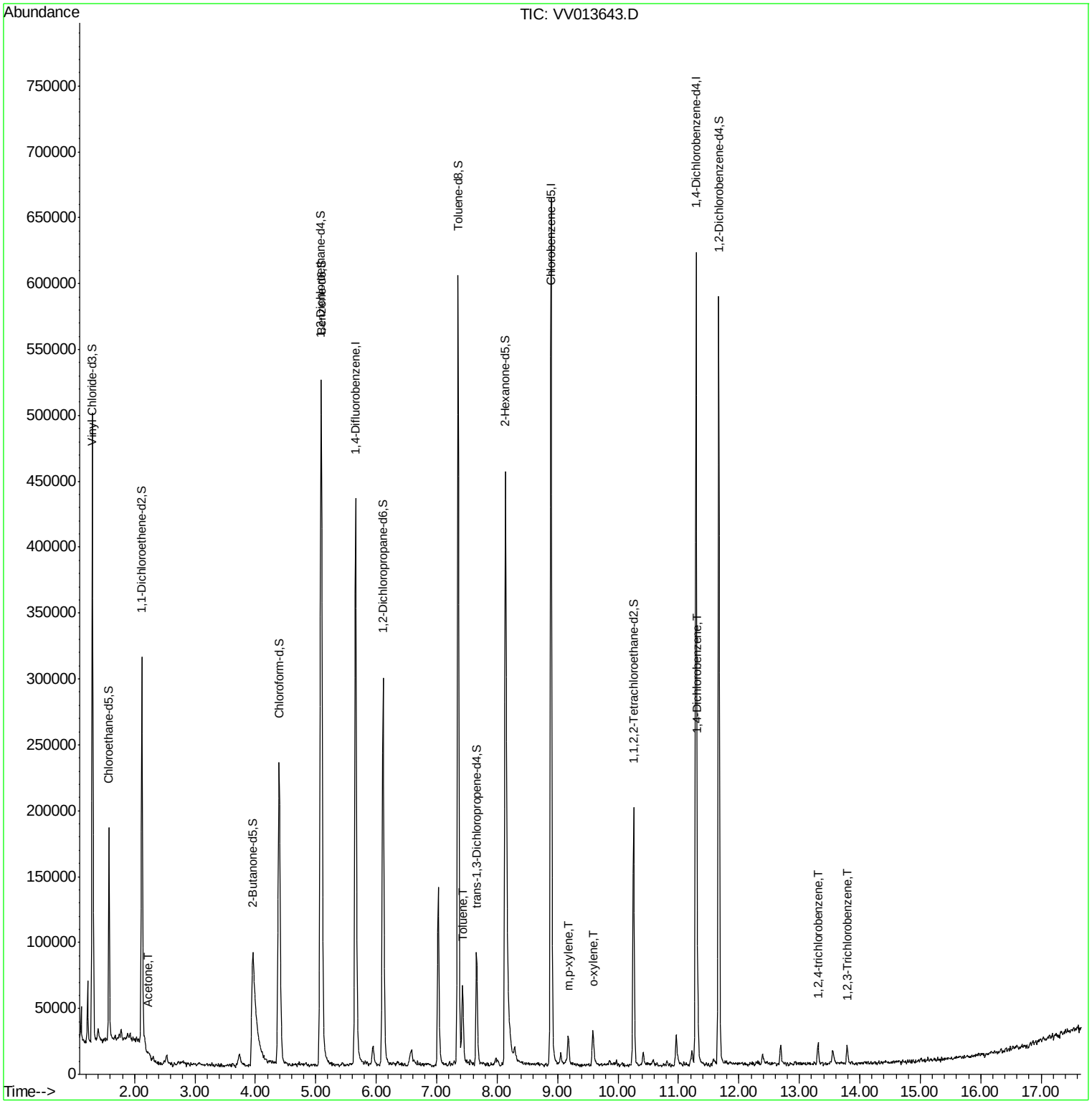
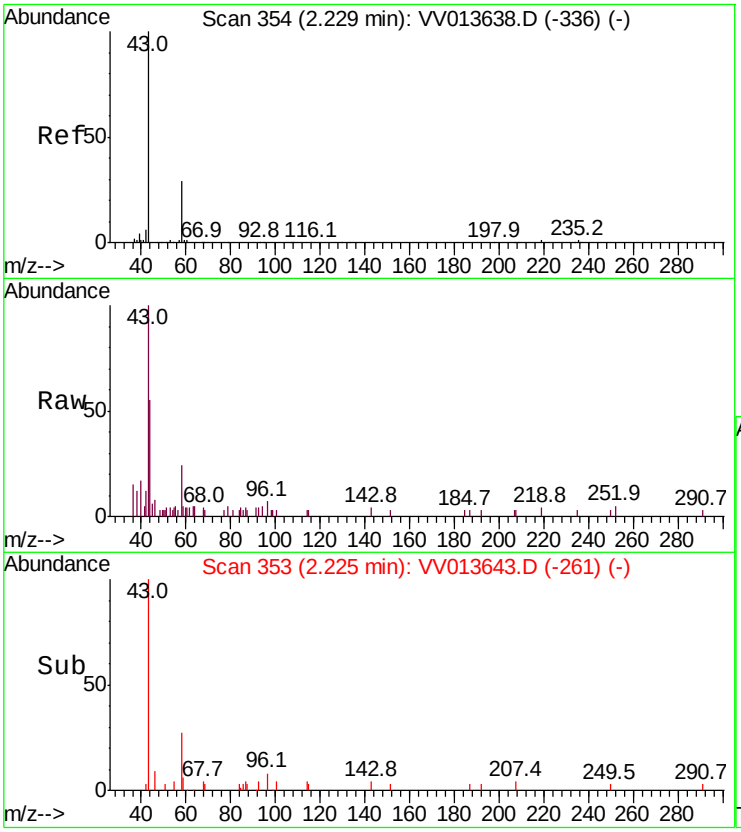


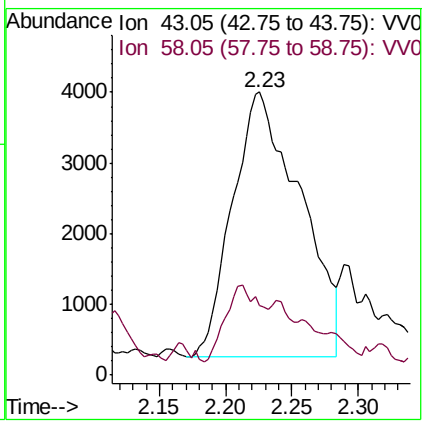


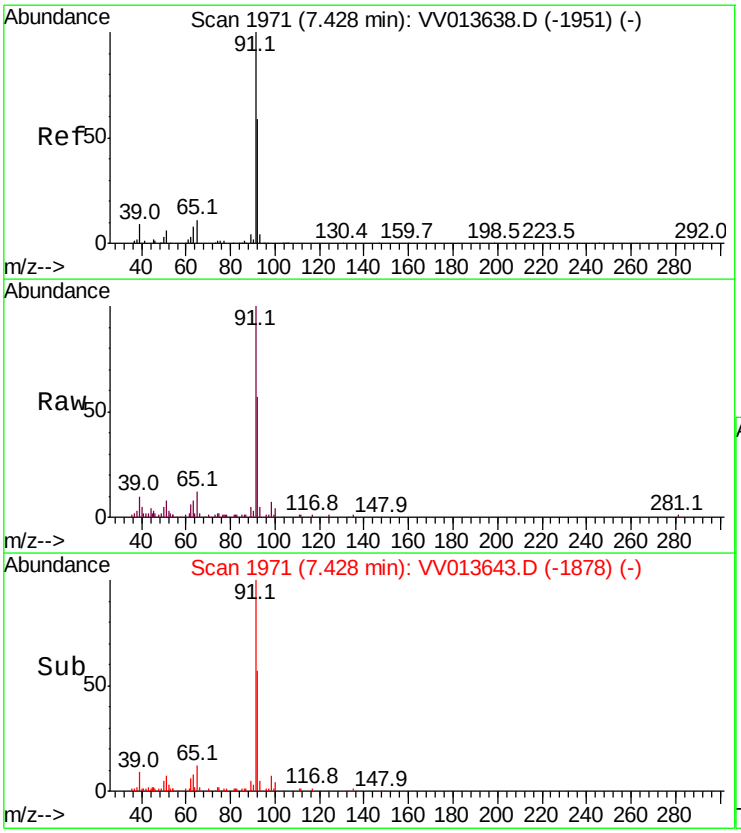
#13
Acetone
Concen: 3.943 ug/L
RT: 2.23 min Scan# 353
Delta R.T. -0.00 min
Lab File: VV013643.D
Acq: 15 Nov 2019 17:03

Instrument : MSVOA_V
ClientSampleId : GAQF9

Tgt Ion: 43 Resp: 13333

Ion	Ratio	Lower	Upper
43	100		
58	15.0	0.0	17.0

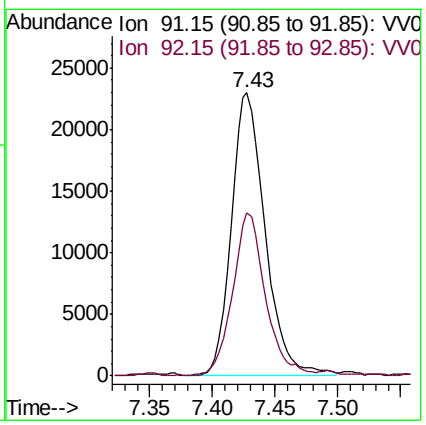


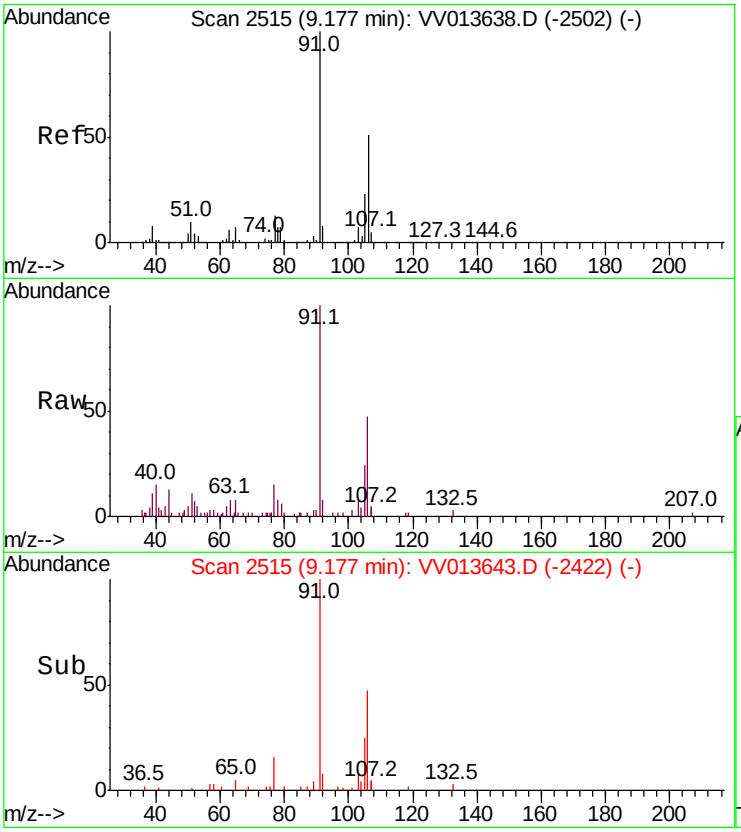


#42
Toluene
Concen: 0.364 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV013643.D
Acq: 15 Nov 2019 17:03

Tgt Ion: 91 Resp: 43000

Ion	Ratio	Lower	Upper
91	100		
92	57.4	41.2	76.6



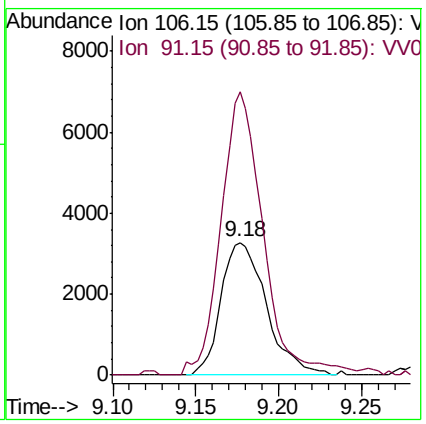


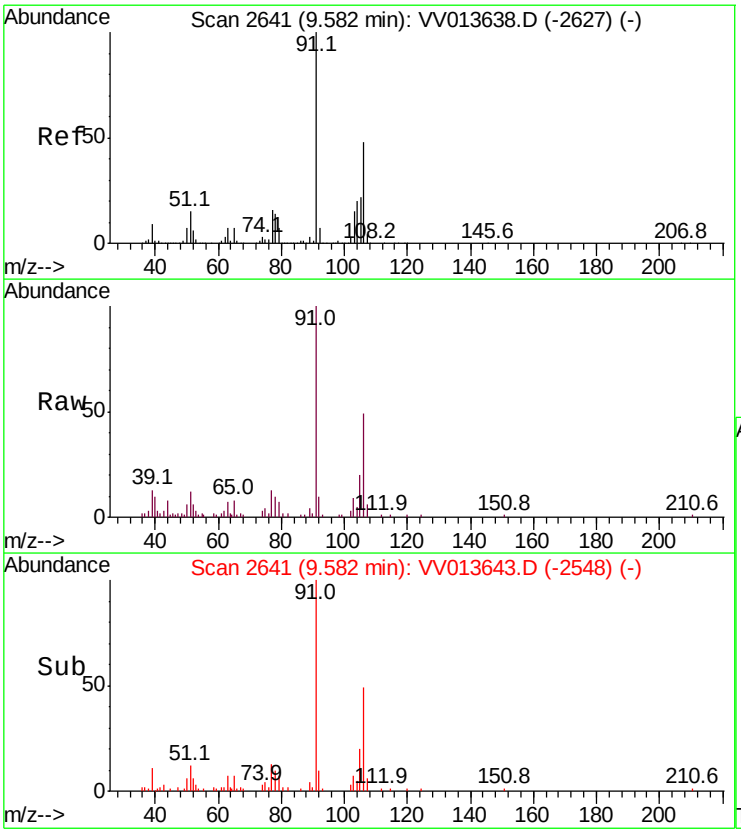
#53
m,p-xylene
Concen: 0.131 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV013643.D
Acq: 15 Nov 2019 17:03

Instrument :
MSVOA_V
ClientSampleId :
GAQF9

Tgt Ion:106 Resp: 6220

Ion	Ratio	Lower	Upper
106	100		
91	213.8	138.1	256.5

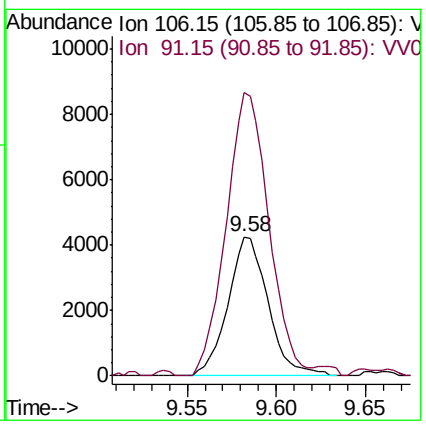


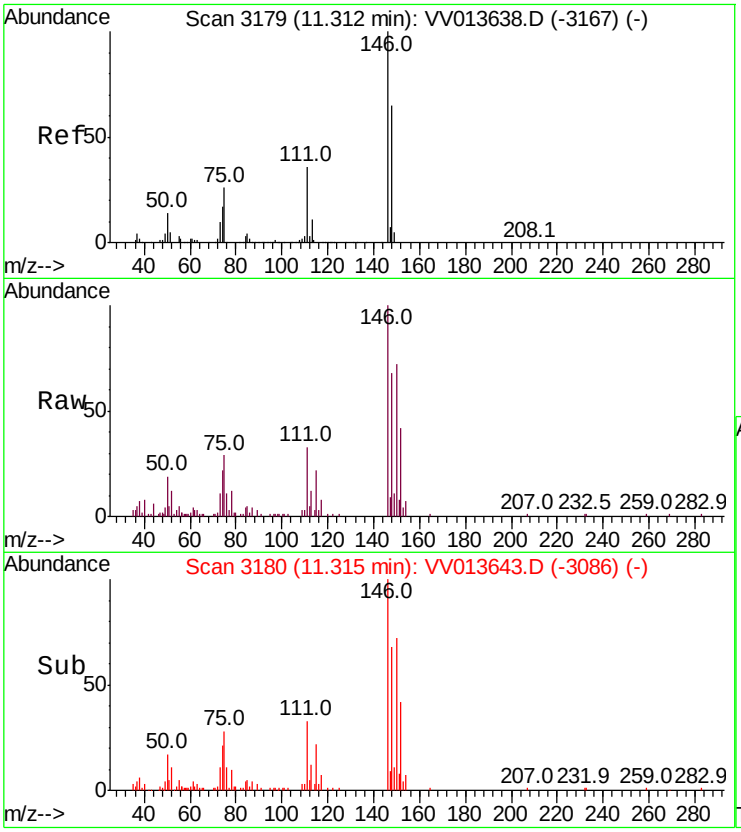


#54
o-xylene
Concen: 0.146 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV013643.D
Acq: 15 Nov 2019 17:03

Tgt Ion:106 Resp: 6656

Ion	Ratio	Lower	Upper
106	100		
91	203.2	146.9	272.7



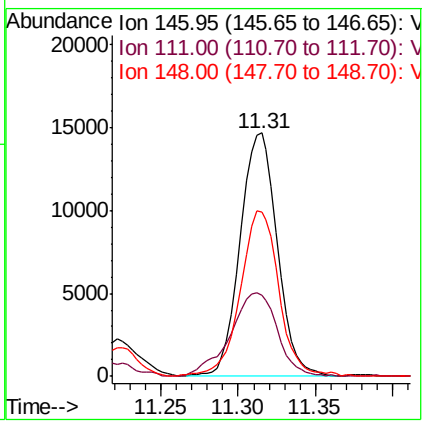


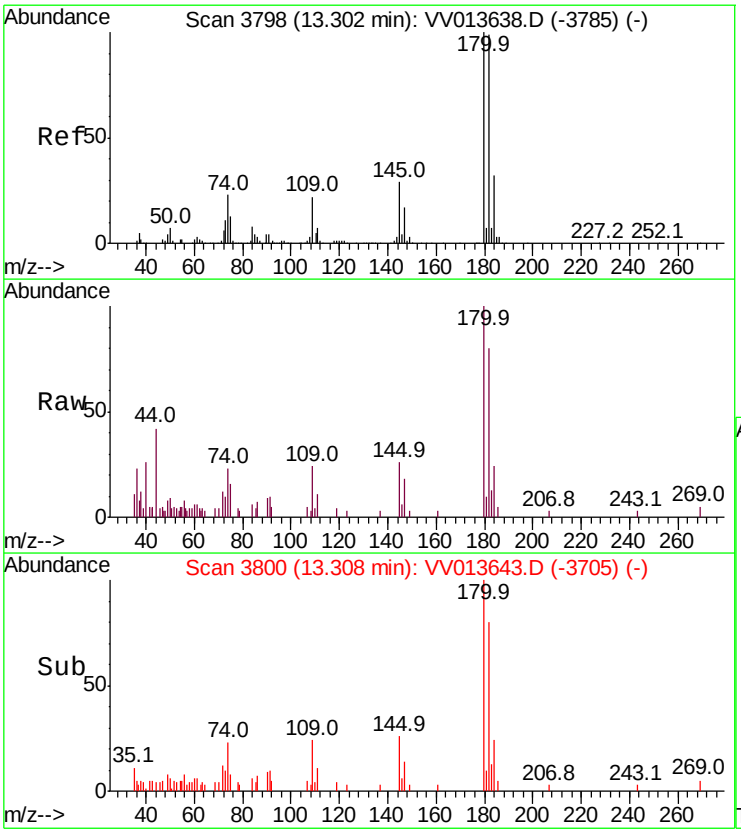
#63
1,4-Dichlorobenzene
Concen: 0.435 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013643.D
Acq: 15 Nov 2019 17:03

Instrument :
MSVOA_V
ClientSampleId :
GAQF9

Tgt Ion:146 Resp: 24574

Ion	Ratio	Lower	Upper
146	100		
111	33.4	25.6	47.6
148	67.6	45.6	84.8

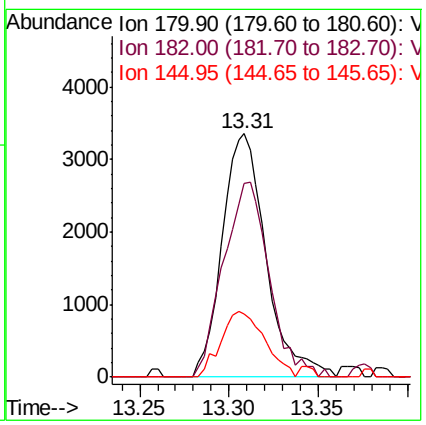


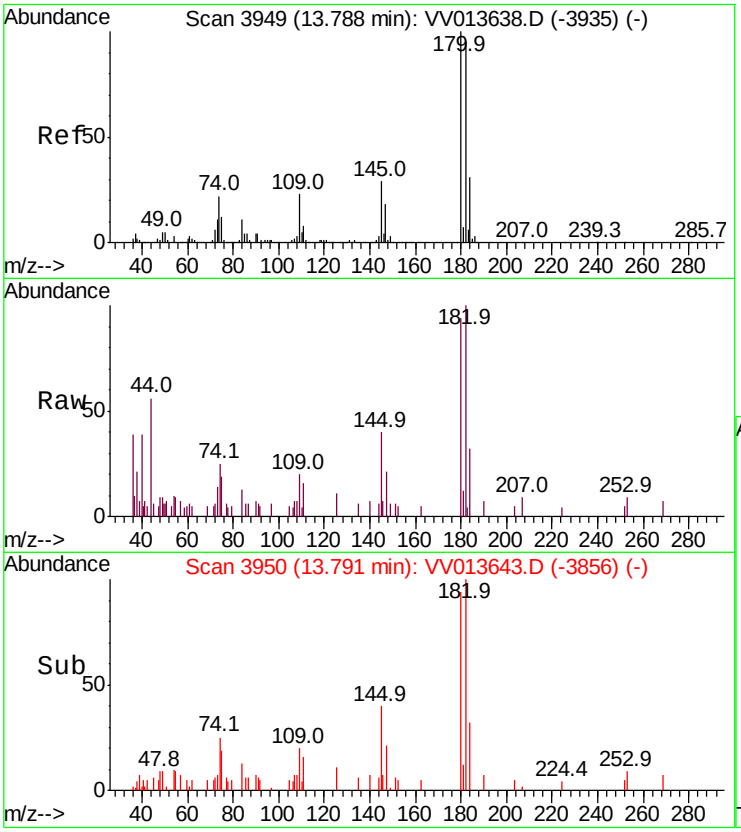


#68
1,2,4-trichlorobenzene
Concen: 0.151 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.01 min
Lab File: VV013643.D
Acq: 15 Nov 2019 17:03

Tgt Ion:180 Resp: 5732

Ion	Ratio	Lower	Upper
180	100		
182	83.5	77.2	115.8
145	26.7	22.6	33.8





#70
1,2,3-Trichlorobenzene
Concen: 0.116 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV013643.D
Acq: 15 Nov 2019 17:03

Instrument :
MSVOA_V
ClientSampleId :
GAQF9

Tgt Ion:180 Resp: 4017

Ion	Ratio	Lower	Upper
180	100		
182	106.2	75.6	113.4
145	37.8	23.4	35.0#