Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110819\
Data File : VV013542.D
Acq On : 08 Nov 2019 16:32
Operator : SY/MD
Sample : K5747-02MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2J00MS

Quant Time: Nov 08 23:41:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 08 22:42:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	416349	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	411044	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	192363	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	81893	4.67	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.40%			
7) Chloroethane-d5	1.58	69	76418	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.00%			
11) 1,1-Dichloroethene-d2	2.13	63	143639	4.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.80%			
20) 2-Butanone-d5	3.92	46	290774	46.22	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.44%			
24) Chloroform-d	4.40	84	205929	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
26) 1,2-Dichloroethane-d4	5.08	65	120478	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
32) Benzene-d6	5.10	84	392366	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
36) 1,2-Dichloropropane-d6	6.11	67	142021	5.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.20%			
41) Toluene-d8	7.36	98	305959	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%			
43) trans-1,3-Dichloropropene-	7.66	79	49506	4.58	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.60%			
46) 2-Hexanone-d5	8.13	63	193281	44.68	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.36%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	94002	4.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	166983	5.25	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	81322	3.248	ug/L	94
13) Acetone	2.18	43	28803	7.547	ug/L	97
33) Benzene	5.14	78	477785	3.741	ug/L	100
34) Trichloroethene	5.96	95	121388	3.525	ug/L	98
42) Toluene	7.43	91	507495	3.821	ug/L	99
51) Chlorobenzene	8.92	112	373461	4.262	ug/L	98
53) m,p-xylene	9.18	106	7278	0.137	ug/L	92
63) 1,4-Dichlorobenzene	11.32	146	4124	0.064	ug/L	90
68) 1,2,4-trichlorobenzene	13.31	180	5858	0.146	ug/L #	94
70) 1,2,3-Trichlorobenzene	13.79	180	5154	0.137	ug/L #	92

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

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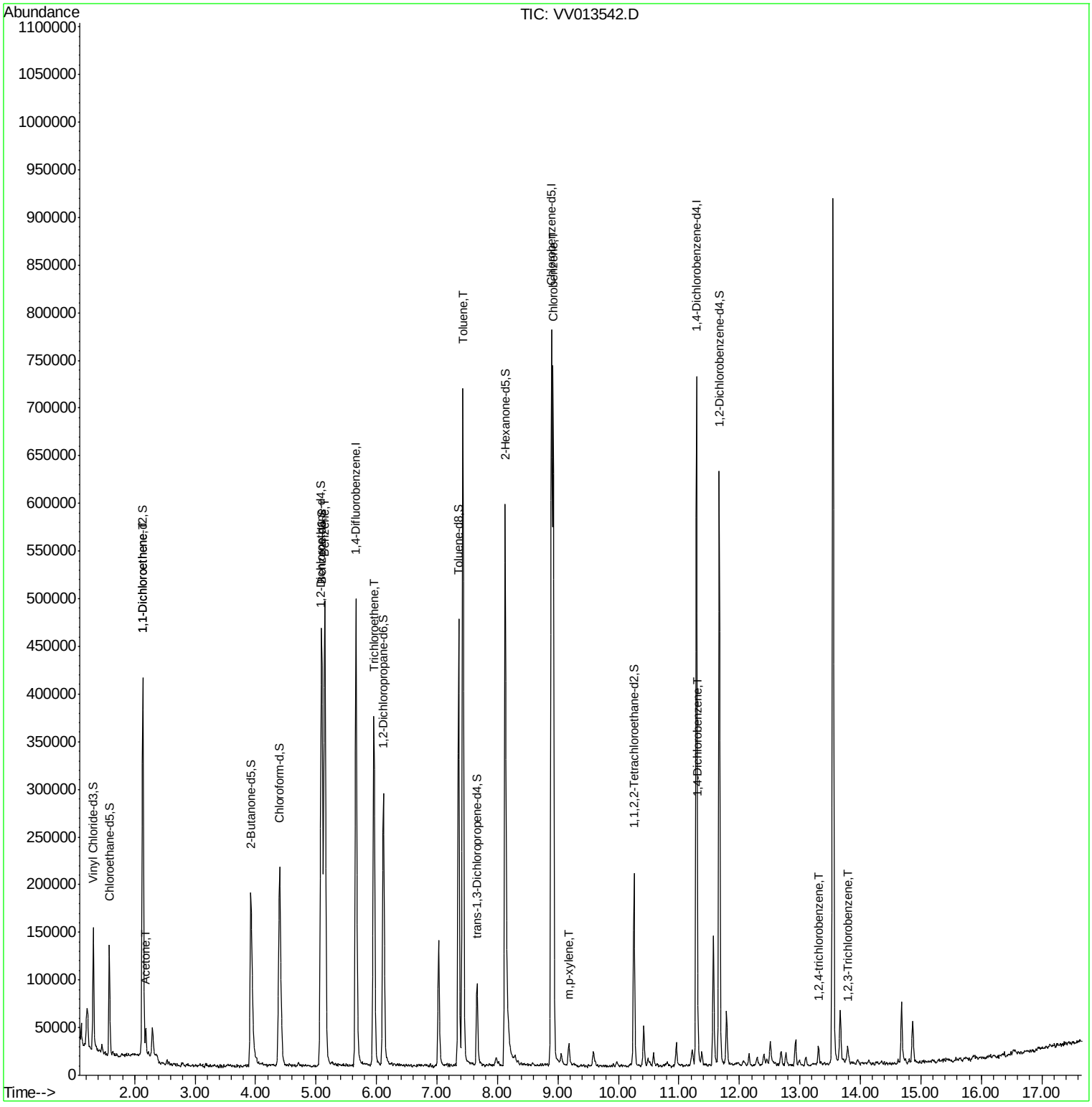
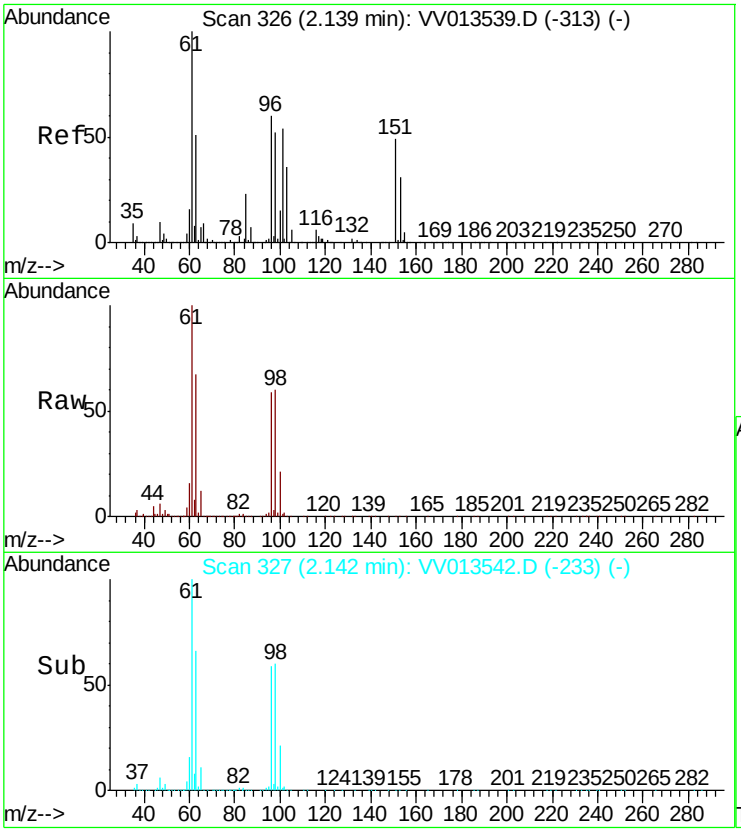


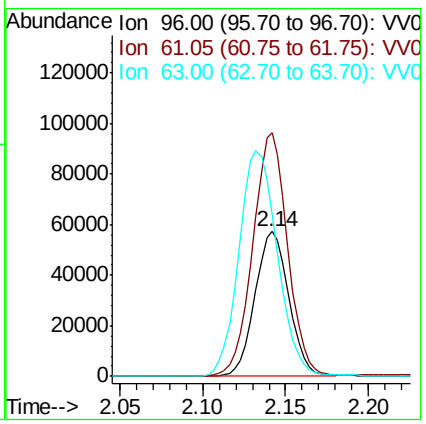


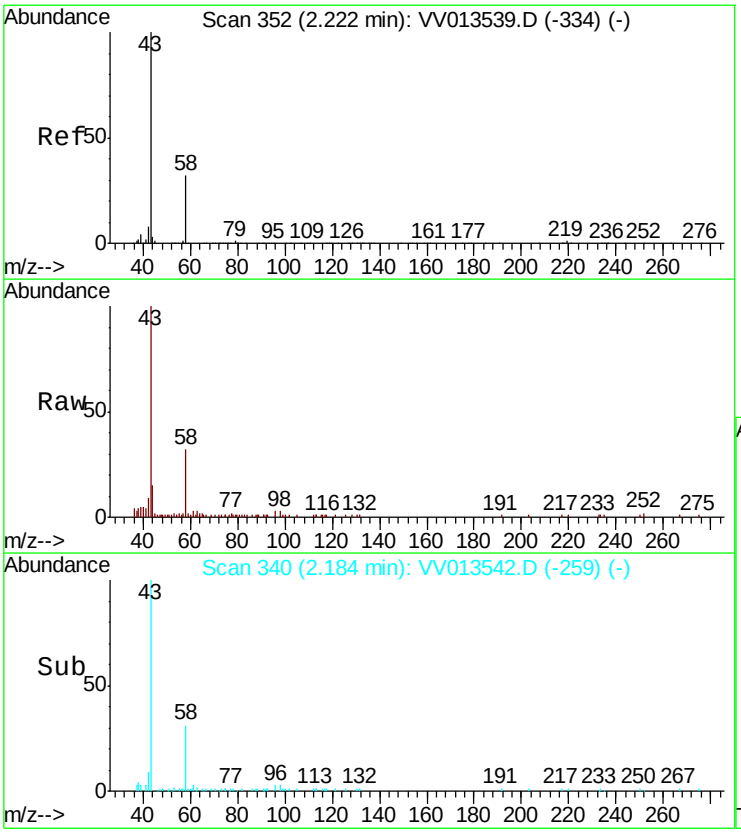
#12
1,1-Dichloroethene
Concen: 3.248 ug/L
RT: 2.14 min Scan# 327
Delta R.T. 0.00 min
Lab File: VV013542.D
Acq: 08 Nov 2019 16:32

Instrument : MSVOA_V
ClientSampleId : F2J00MS

Tgt Ion: 96 Resp: 81322

Ion	Ratio	Lower	Upper
96	100		
61	168.1	117.1	217.5
63	111.9	68.5	127.1

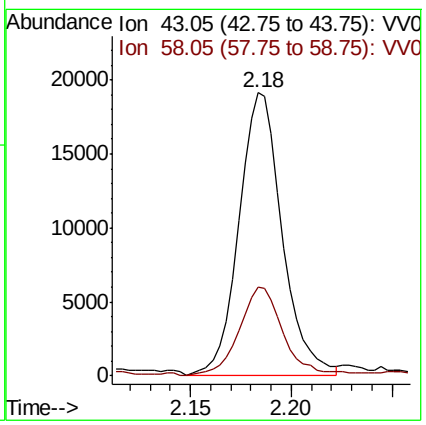


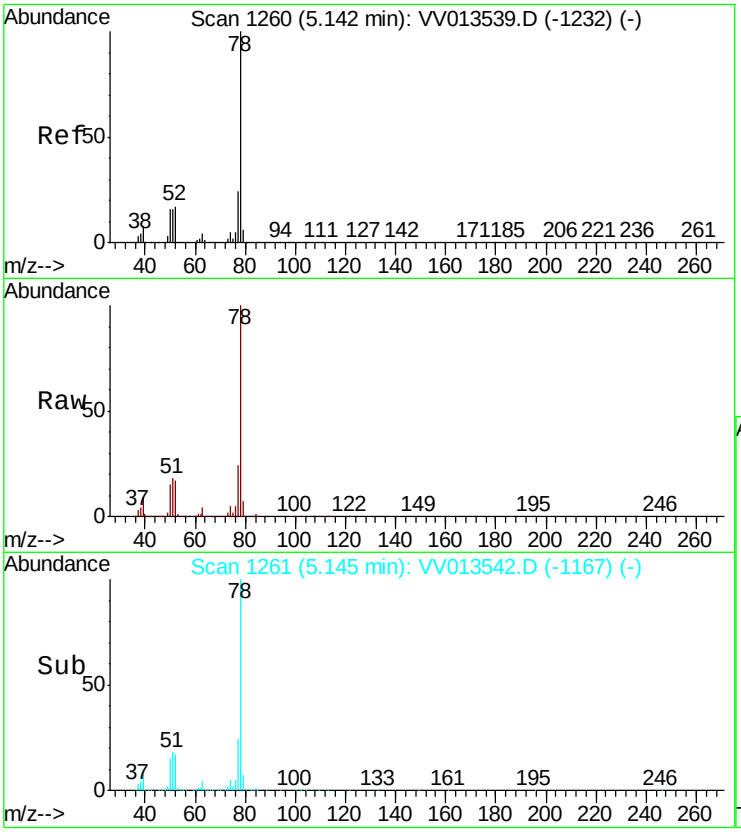


#13
Acetone
Concen: 7.547 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.04 min
Lab File: VV013542.D
Acq: 08 Nov 2019 16:32

Tgt Ion: 43 Resp: 28803

Ion	Ratio	Lower	Upper
43	100		
58	32.2	0.0	60.8

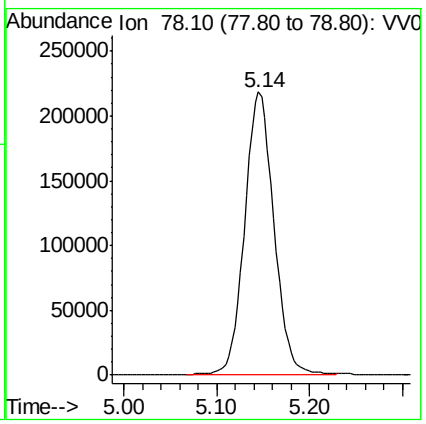


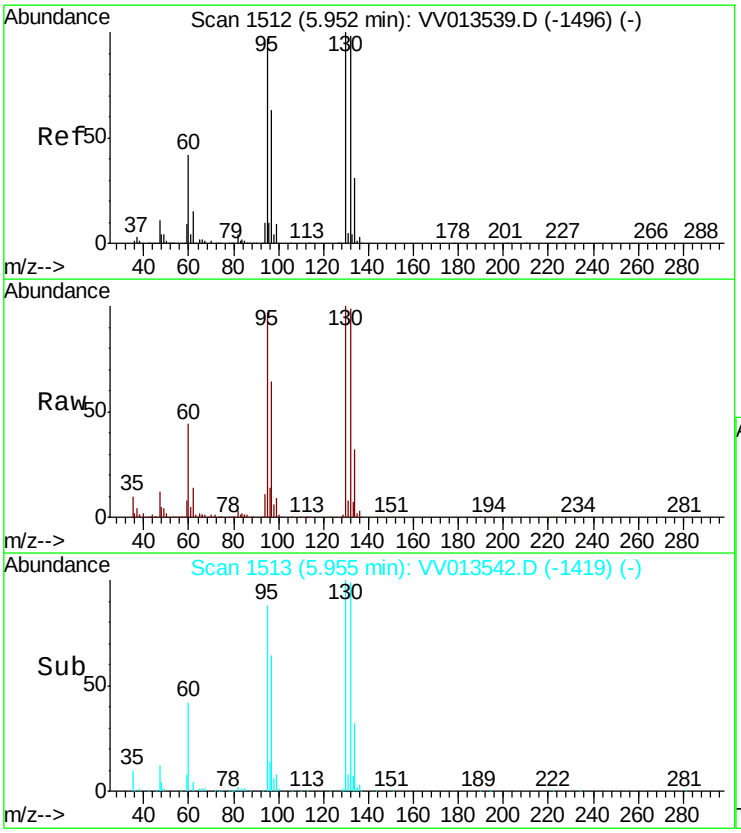


#33
Benzene
Concen: 3.741 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV013542.D
Acq: 08 Nov 2019 16:32

Instrument :
MSVOA_V
ClientSampleId :
F2J00MS

Tgt Ion: 78 Resp: 477785

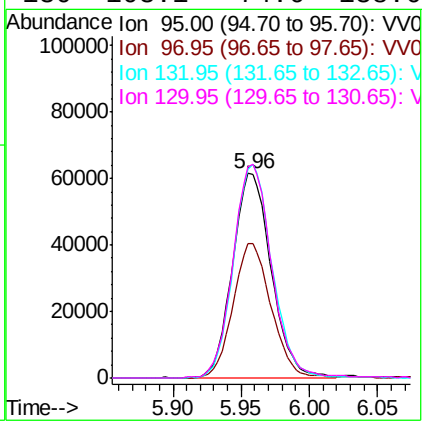


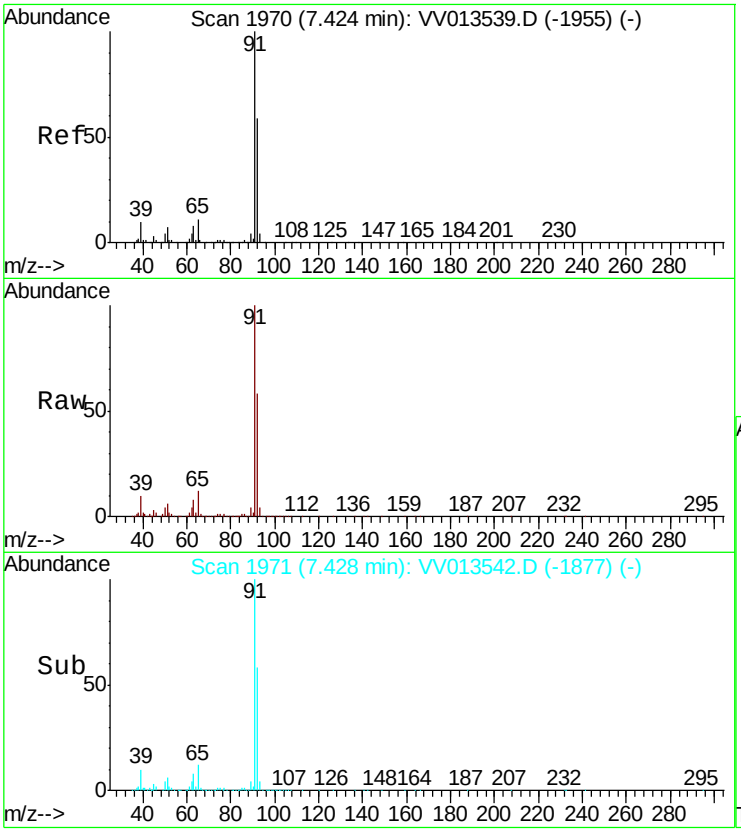


#34
Trichloroethene
Concen: 3.525 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013542.D
Acq: 08 Nov 2019 16:32

Tgt Ion: 95 Resp: 121388

Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.7	83.1
132	101.9	71.6	133.0
130	103.1	74.6	138.6



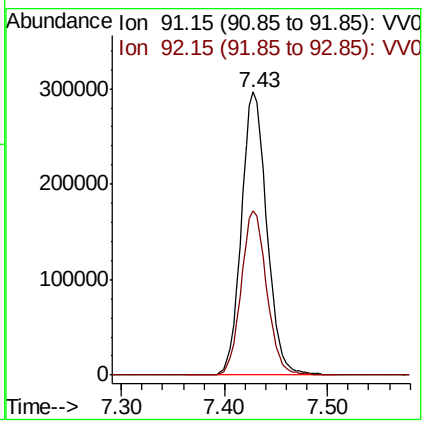


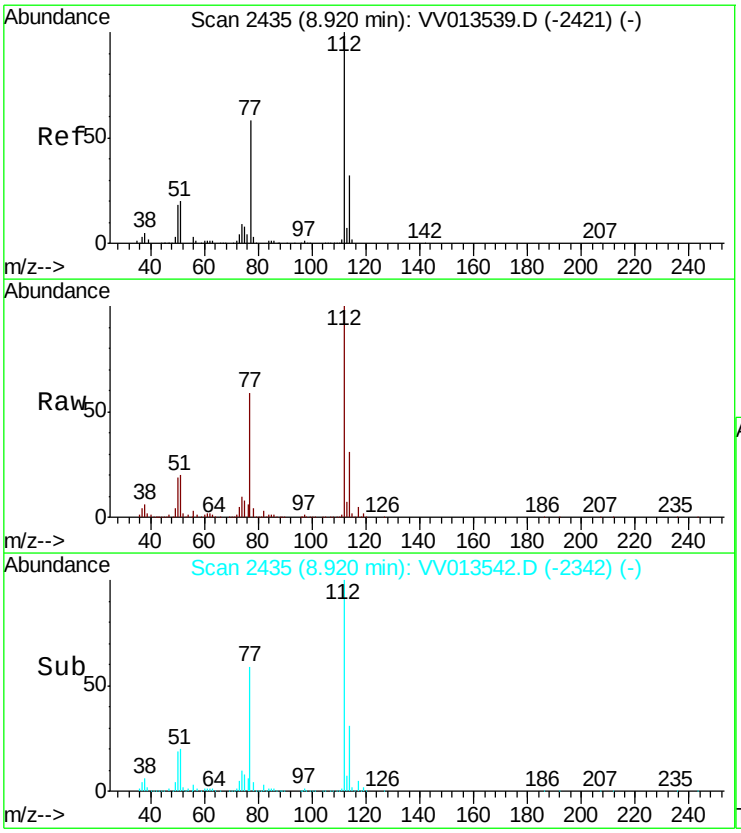
#42
Toluene
Concen: 3.821 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV013542.D
Acq: 08 Nov 2019 16:32

Instrument : MSVOA_V
ClientSampleId : F2J00MS

Tgt Ion: 91 Resp: 507495

Ion	Ratio	Lower	Upper
91	100		
92	58.1	41.4	77.0

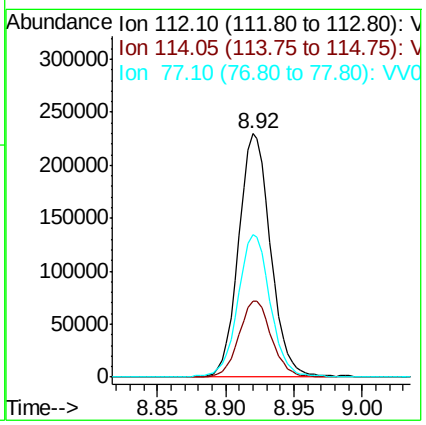


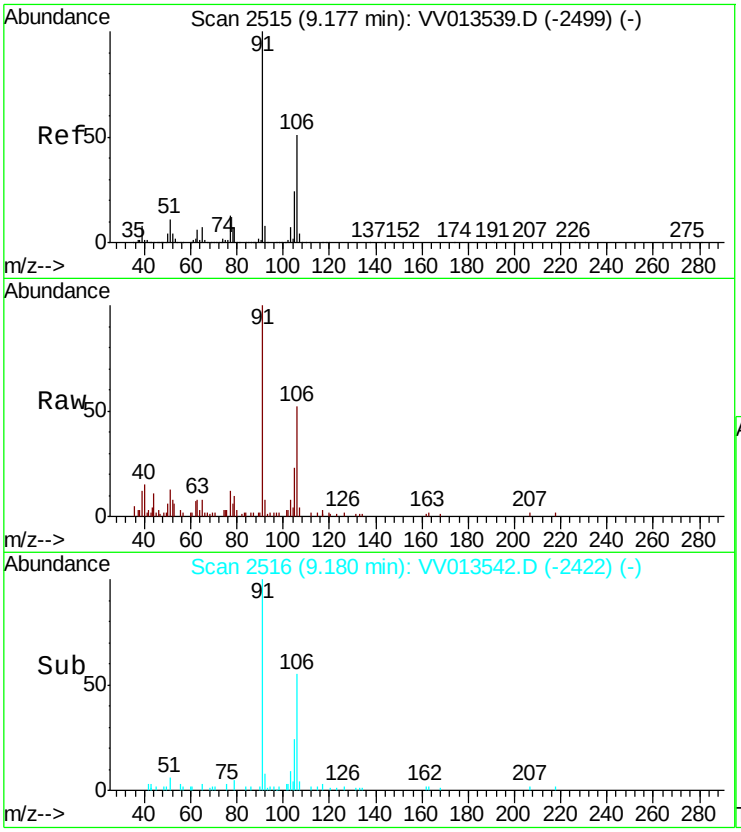


#51
Chlorobenzene
Concen: 4.262 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV013542.D
Acq: 08 Nov 2019 16:32

Tgt Ion:112 Resp: 373461

Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.6	42.0
77	58.7	46.2	69.2



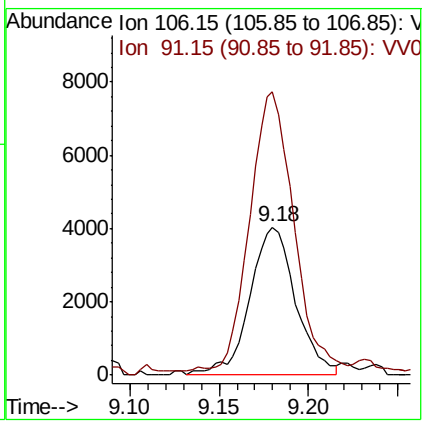


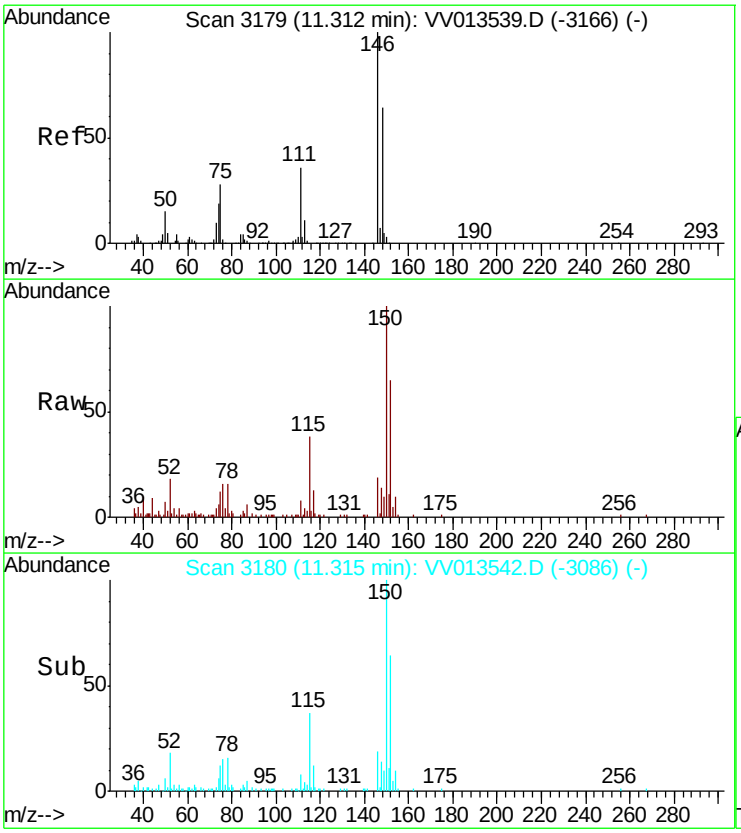
#53
m,p-xylene
Concen: 0.137 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV013542.D
Acq: 08 Nov 2019 16:32

Instrument : MSVOA_V
ClientSampleId : F2J00MS

Tgt Ion:106 Resp: 7278

Ion	Ratio	Lower	Upper
106	100		
91	191.1	142.0	263.6

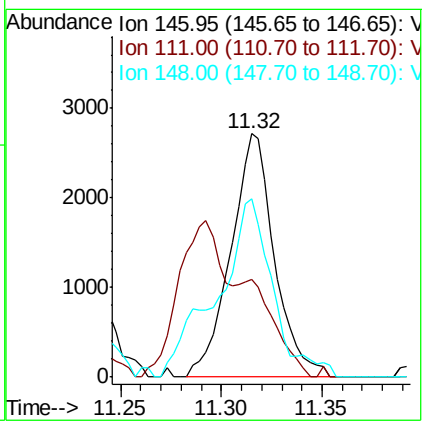


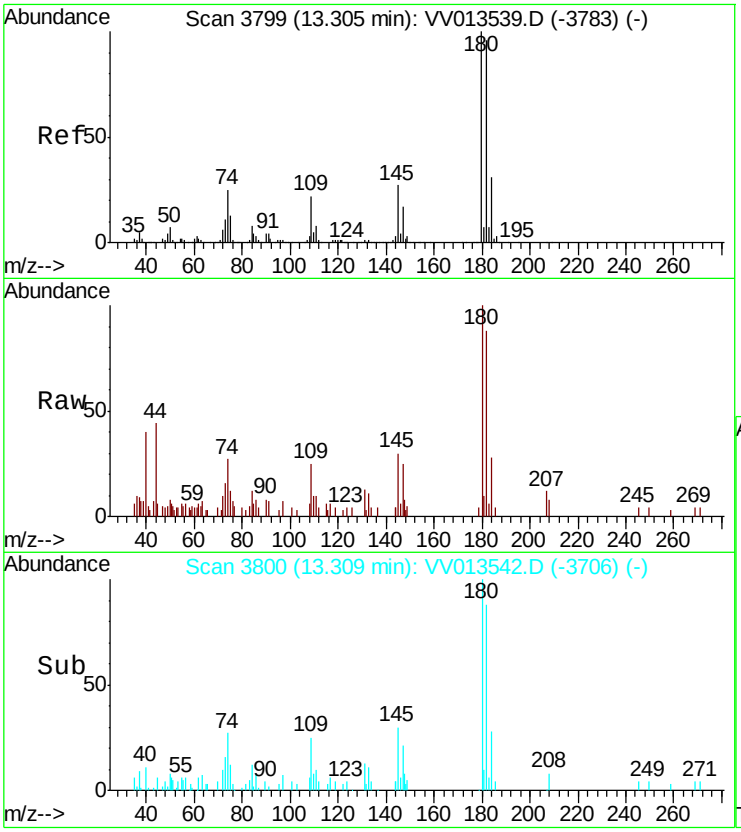


#63
1,4-Dichlorobenzene
Concen: 0.064 ug/L
RT: 11.32 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013542.D
Acq: 08 Nov 2019 16:32

Tgt Ion:146 Resp: 4124

Ion	Ratio	Lower	Upper
146	100		
111	40.1	25.2	46.8
148	73.4	44.7	82.9



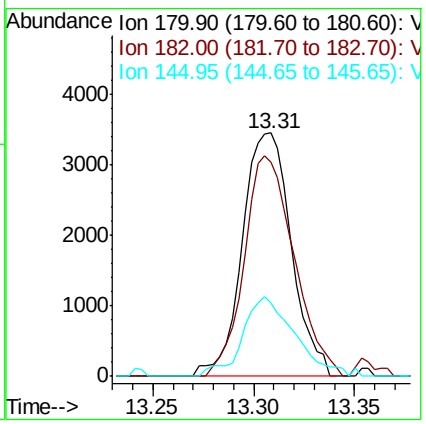


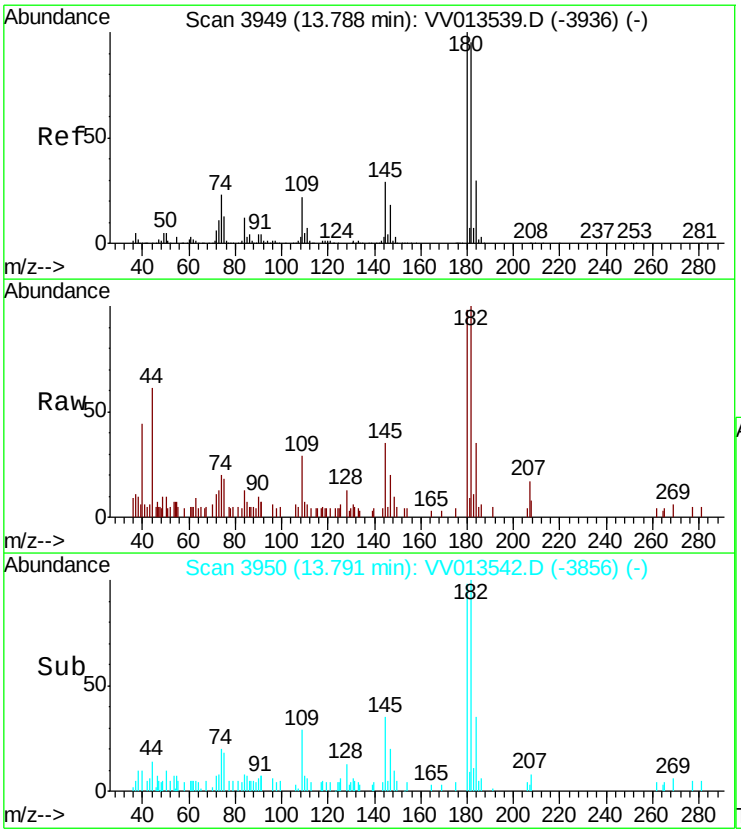
#68
1,2,4-trichlorobenzene
Concen: 0.146 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VV013542.D
Acq: 08 Nov 2019 16:32

Instrument : MSVOA_V
ClientSampleId : F2J00MS

Tgt Ion:180 Resp: 5858

Ion	Ratio	Lower	Upper
180	100		
182	91.9	76.6	115.0
145	34.9	22.2	33.4#





#70
1,2,3-Trichlorobenzene
Concen: 0.137 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV013542.D
Acq: 08 Nov 2019 16:32

Tgt Ion:180 Resp: 5154

Ion	Ratio	Lower	Upper
180	100		
182	90.4	76.2	114.4
145	19.5	23.2	34.8#