Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110819\
Data File : VV013543.D
Acq On : 08 Nov 2019 16:56
Operator : SY/MD
Sample : K5747-03MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2J00MSD

Quant Time: Nov 08 23:46:38 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	396408	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	391240	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	187326	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	88699	5.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.20%			
7) Chloroethane-d5	1.58	69	81291	5.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.60%			
11) 1,1-Dichloroethene-d2	2.13	63	151261	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.60%			
20) 2-Butanone-d5	3.92	46	279180	46.61	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.22%			
24) Chloroform-d	4.40	84	209652	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.08	65	117273	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.40%			
32) Benzene-d6	5.10	84	397674	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
36) 1,2-Dichloropropane-d6	6.12	67	140792	5.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.40%			
41) Toluene-d8	7.36	98	314137	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
43) trans-1,3-Dichloropropene-	7.66	79	50109	4.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.40%			
46) 2-Hexanone-d5	8.13	63	183891	44.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.34%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96681	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	173224	5.60	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	87469	3.669	ug/L	95
13) Acetone	2.18	43	27995	7.705	ug/L	96
33) Benzene	5.14	78	489769	4.029	ug/L	100
34) Trichloroethene	5.96	95	124436	3.796	ug/L	98
42) Toluene	7.43	91	510671	4.039	ug/L	100
51) Chlorobenzene	8.92	112	372998	4.472	ug/L	99
52) Ethylbenzene	9.05	91	8299	0.061	ug/L	98
53) m,p-xylene	9.18	106	8074	0.160	ug/L	90
54) o-xylene	9.59	106	4821	0.099	ug/L	84
68) 1,2,4-trichlorobenzene	13.31	180	4070	0.104	ug/L	94
70) 1,2,3-Trichlorobenzene	13.79	180	3101	0.085	ug/L	85

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

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 08 22:42:17 2019
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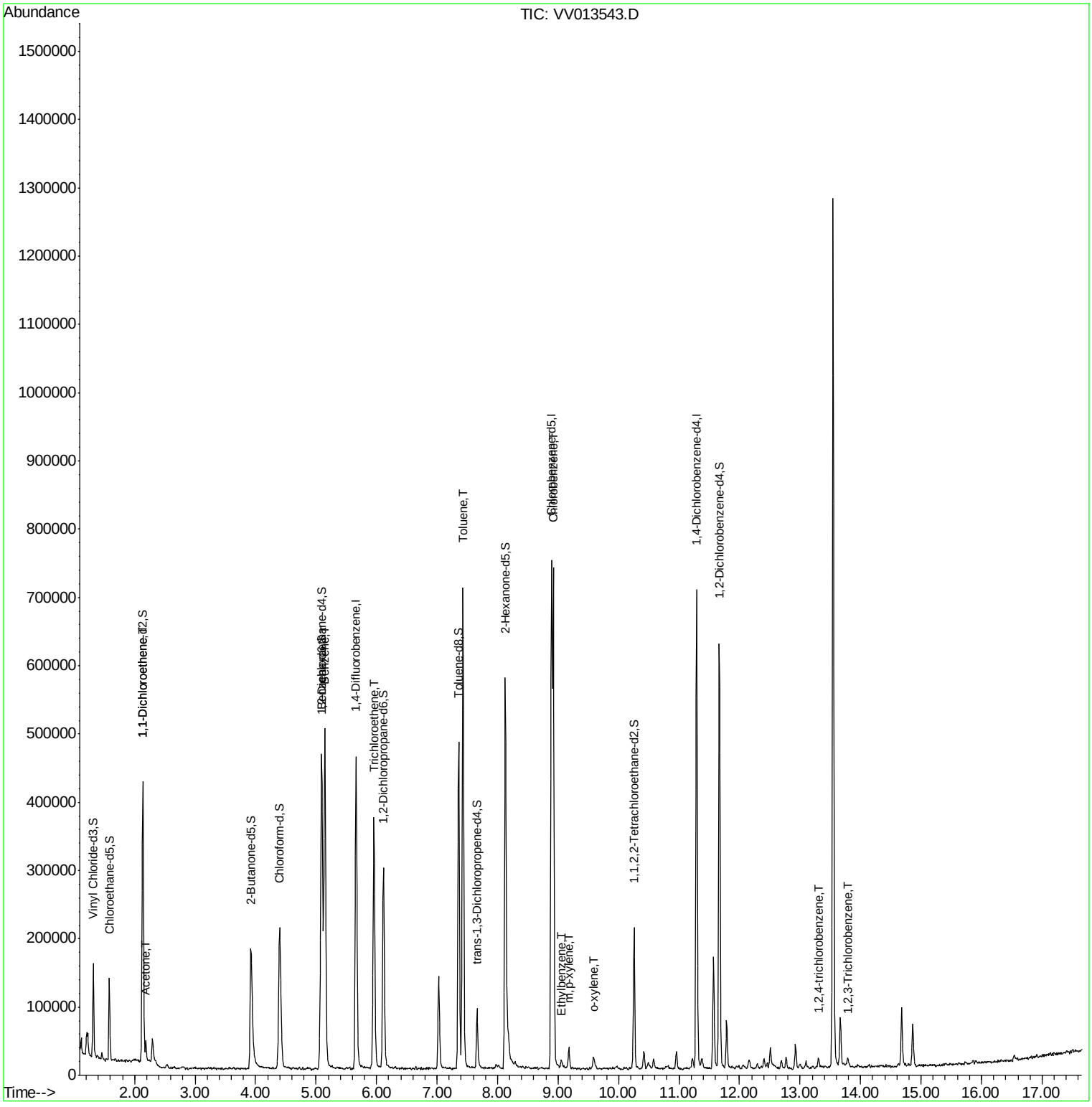
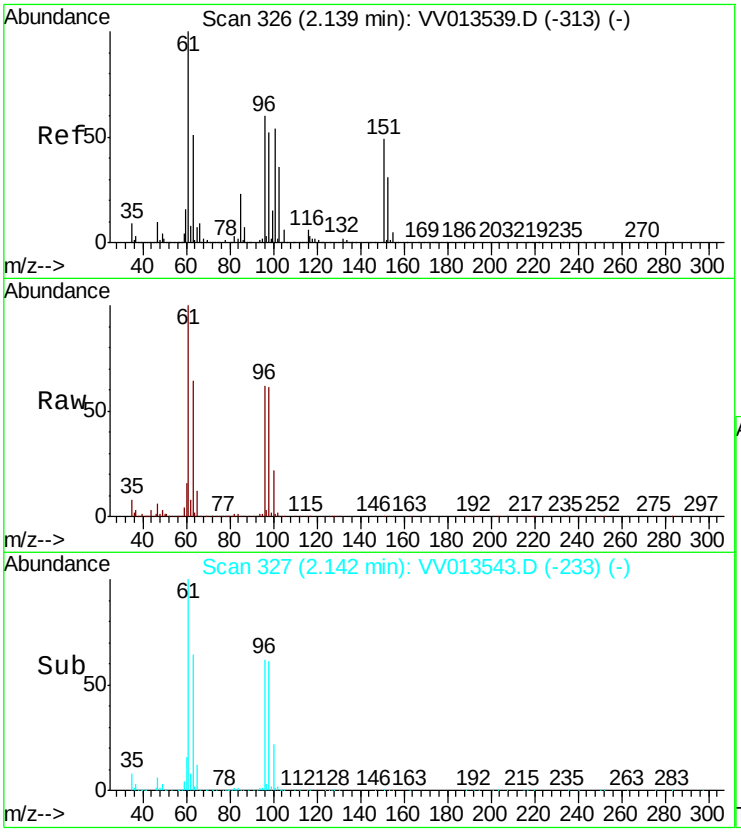


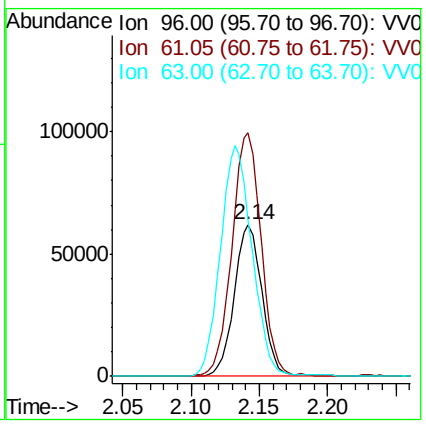


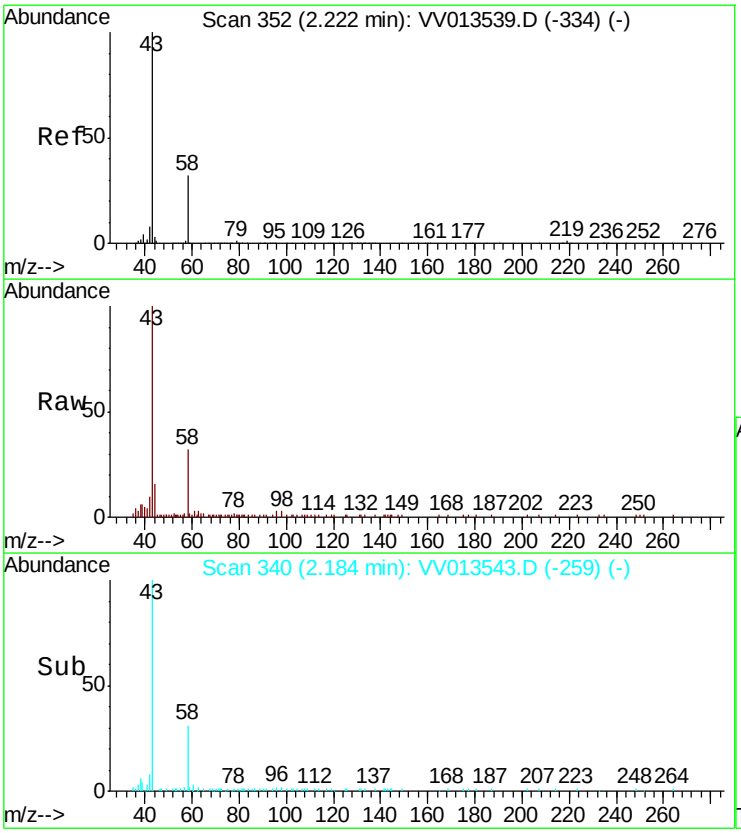
#12
1,1-Dichloroethene
Concen: 3.669 ug/L
RT: 2.14 min Scan# 327
Delta R.T. 0.00 min
Lab File: VV013543.D
Acq: 08 Nov 2019 16:56

Instrument : MSVOA_V
ClientSampleId : F2J00MSD

Tgt Ion: 96 Resp: 87469

Ion	Ratio	Lower	Upper
96	100		
61	160.6	117.1	217.5
63	103.4	68.5	127.1

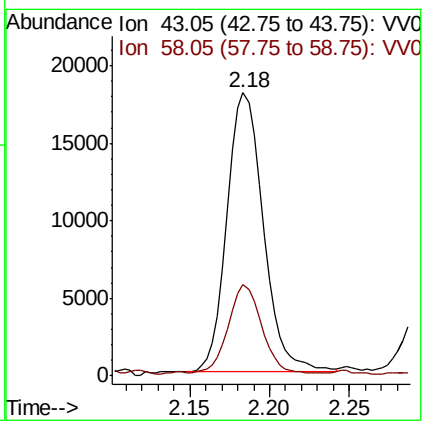


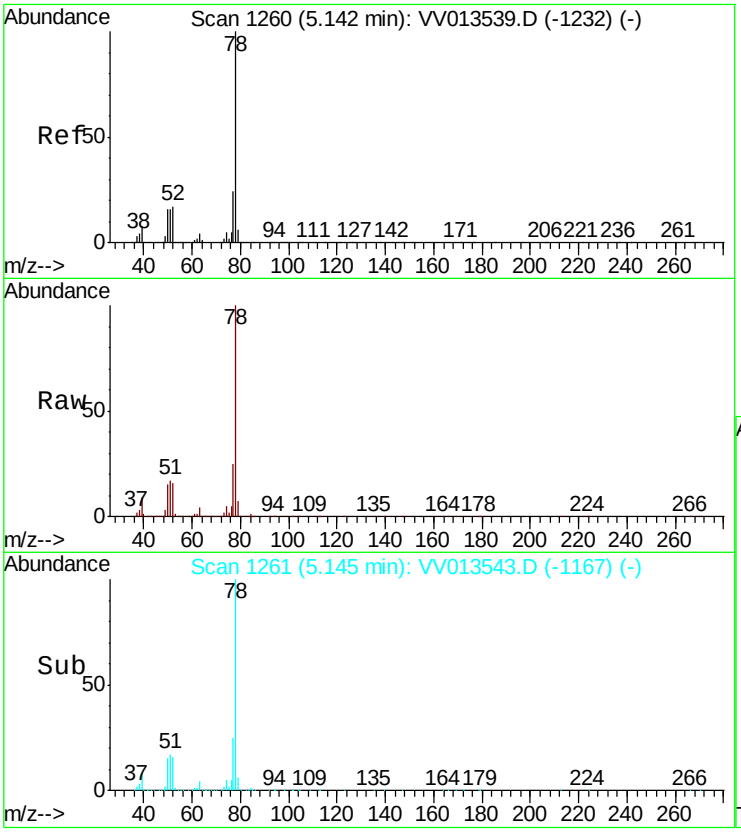


#13
Acetone
Concen: 7.705 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.04 min
Lab File: VV013543.D
Acq: 08 Nov 2019 16:56

Tgt Ion: 43 Resp: 27995

Ion	Ratio	Lower	Upper
43	100		
58	28.3	0.0	60.8

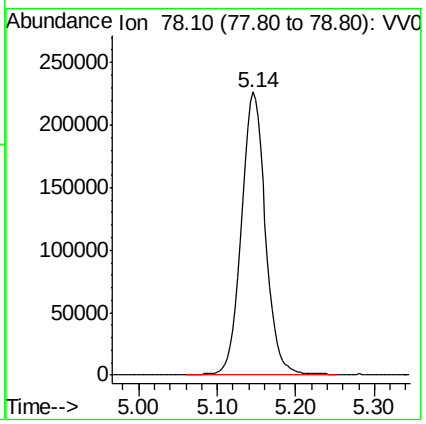


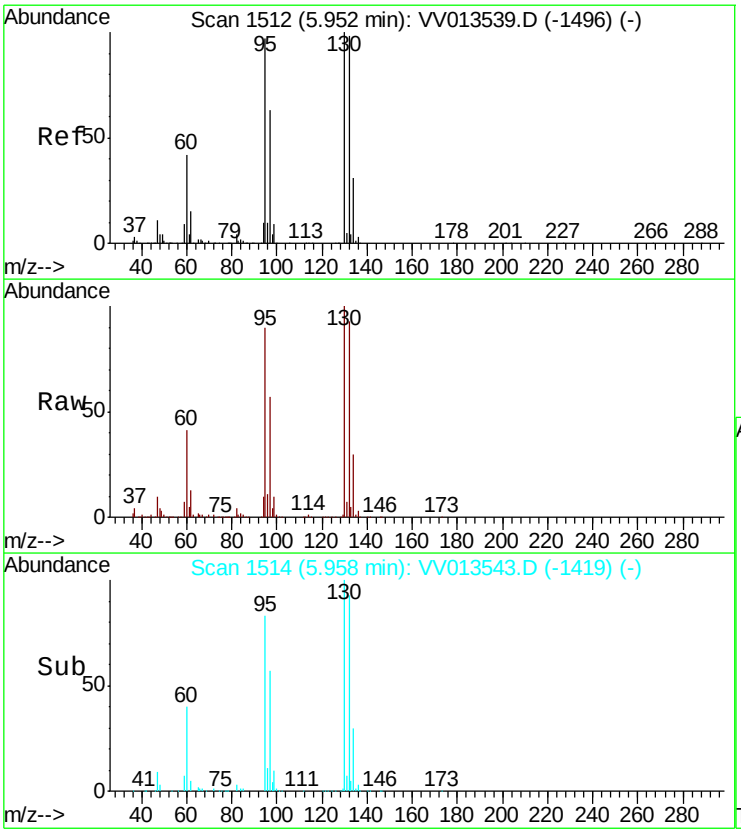


#33
Benzene
Concen: 4.029 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV013543.D
Acq: 08 Nov 2019 16:56

Instrument :
MSVOA_V
ClientSampleId :
F2J00MSD

Tgt Ion: 78 Resp: 489769

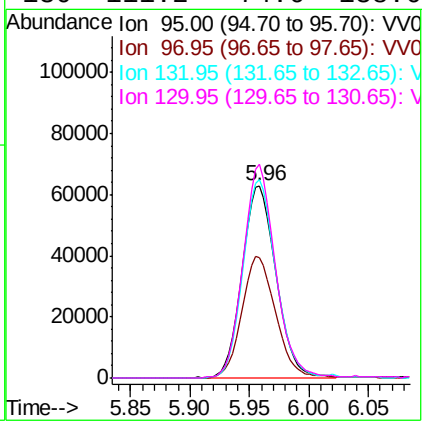


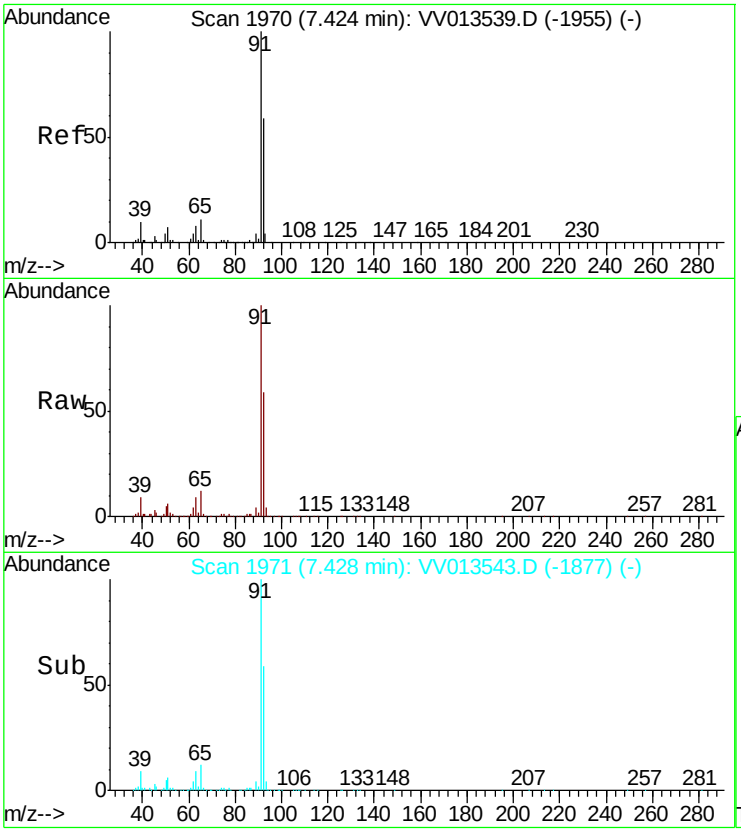


#34
Trichloroethene
Concen: 3.796 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VV013543.D
Acq: 08 Nov 2019 16:56

Tgt Ion: 95 Resp: 124436

Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.7	83.1
132	103.5	71.6	133.0
130	111.2	74.6	138.6



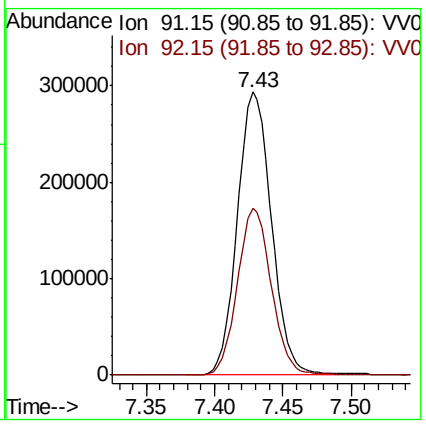


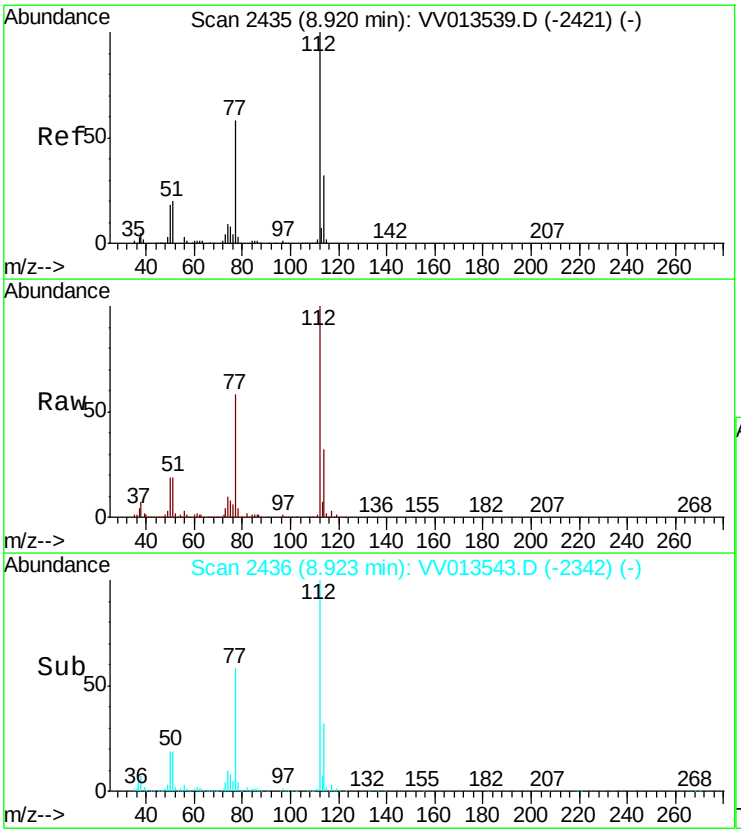
#42
Toluene
Concen: 4.039 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV013543.D
Acq: 08 Nov 2019 16:56

Instrument : MSVOA_V
ClientSampleId : F2J00MSD

Tgt Ion: 91 Resp: 510671

Ion	Ratio	Lower	Upper
91	100		
92	59.1	41.4	77.0

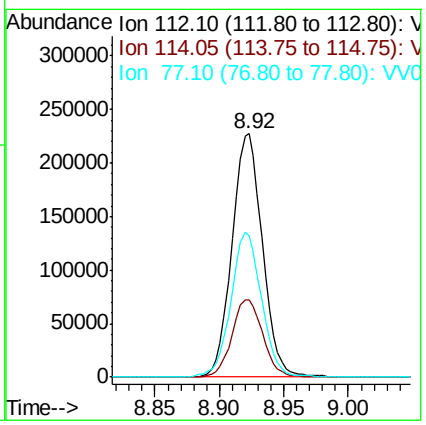


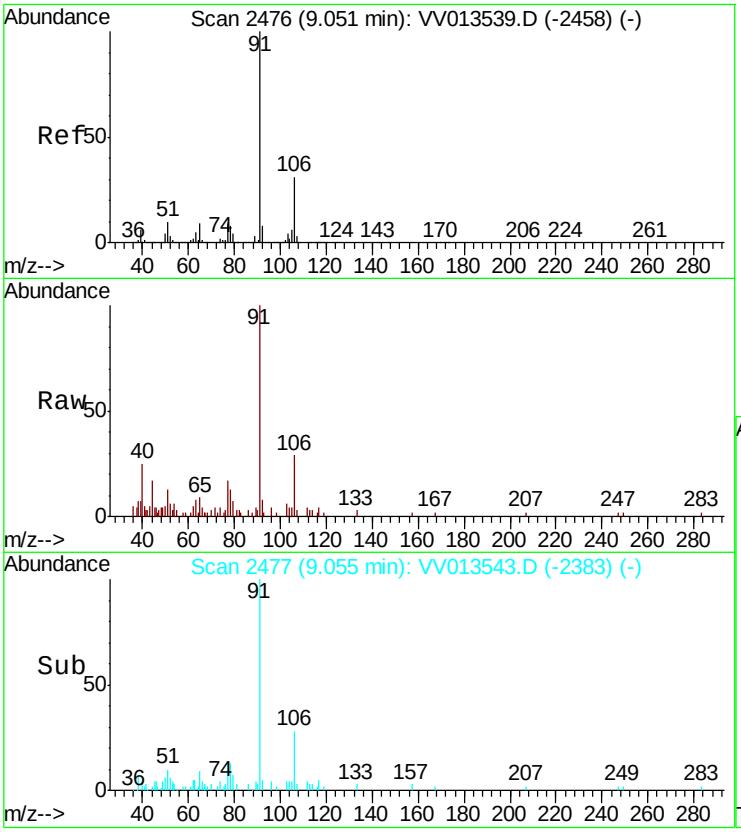


#51
Chlorobenzene
Concen: 4.472 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV013543.D
Acq: 08 Nov 2019 16:56

Tgt Ion:112 Resp: 372998

Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.6	42.0
77	58.2	46.2	69.2



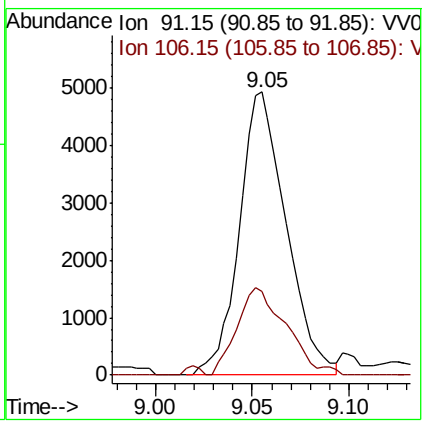


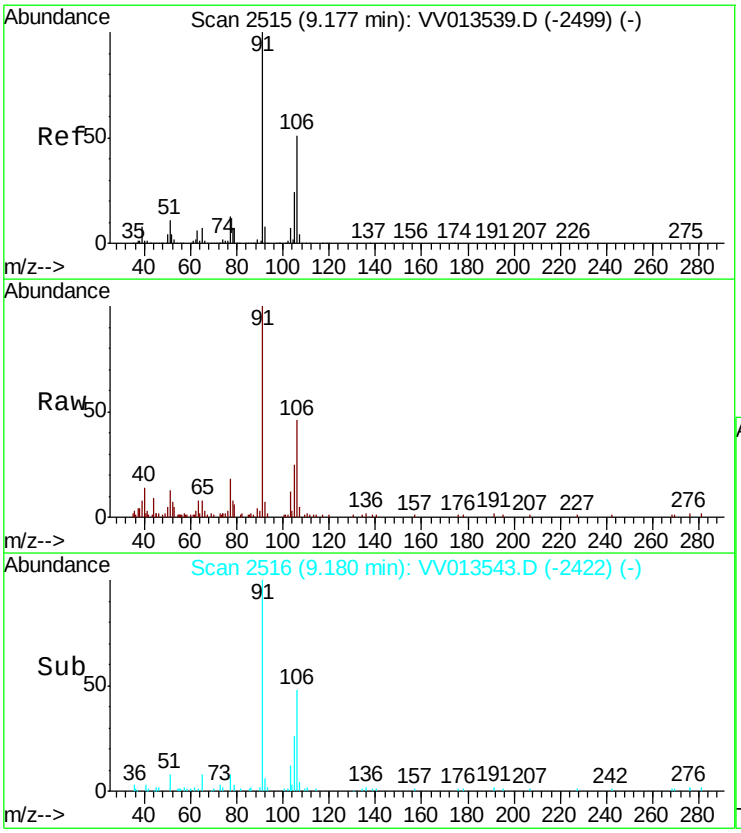
#52
Ethylbenzene
Concen: 0.061 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV013543.D
Acq: 08 Nov 2019 16:56

Instrument : MSVOA_V
ClientSampleId : F2J00MSD

Tgt Ion: 91 Resp: 8299

Ion	Ratio	Lower	Upper
91	100		
106	29.5	21.6	40.0

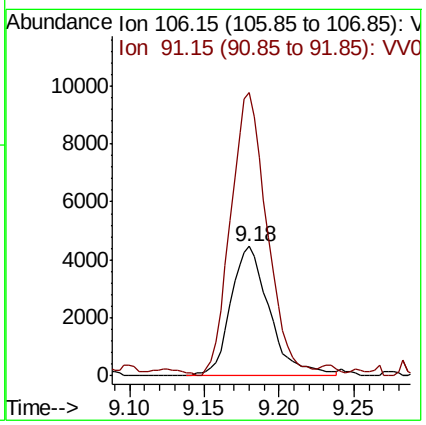


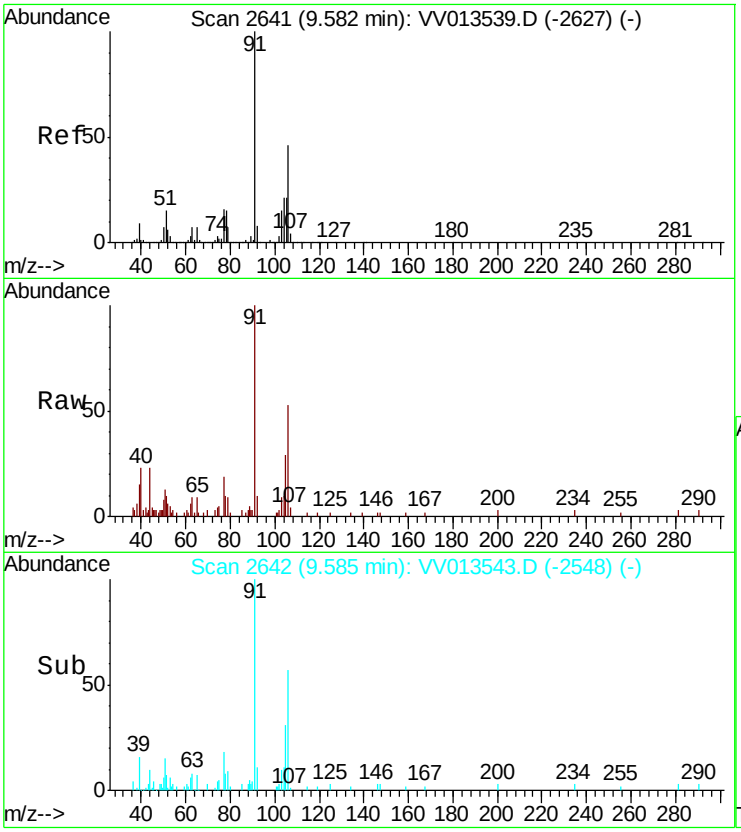


#53
m,p-xylene
Concen: 0.160 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV013543.D
Acq: 08 Nov 2019 16:56

Tgt Ion:106 Resp: 8074

Ion	Ratio	Lower	Upper
106	100		
91	218.8	142.0	263.6



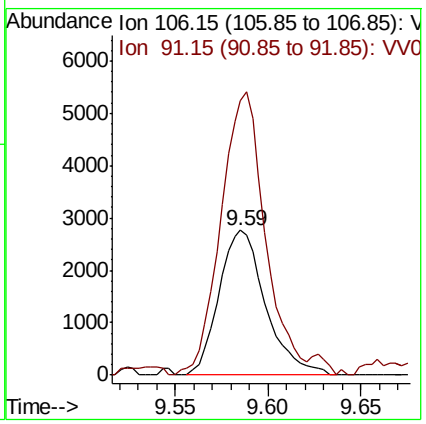


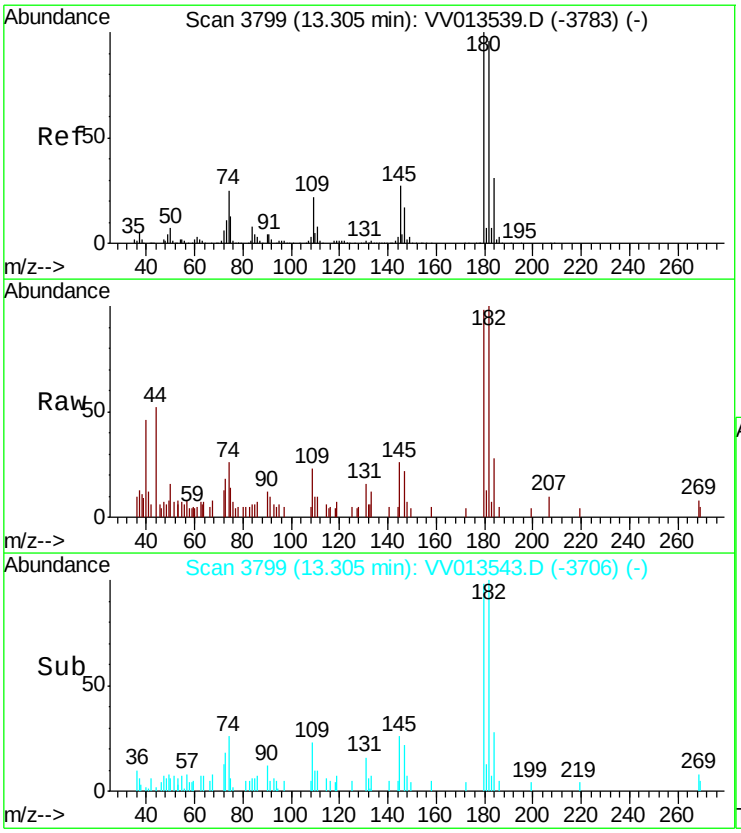
#54
o-xylene
Concen: 0.099 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV013543.D
Acq: 08 Nov 2019 16:56

Instrument :
MSVOA_V
ClientSampleId :
F2J00MSD

Tgt Ion:106 Resp: 4821

Ion	Ratio	Lower	Upper
106	100		
91	189.5	150.8	280.0

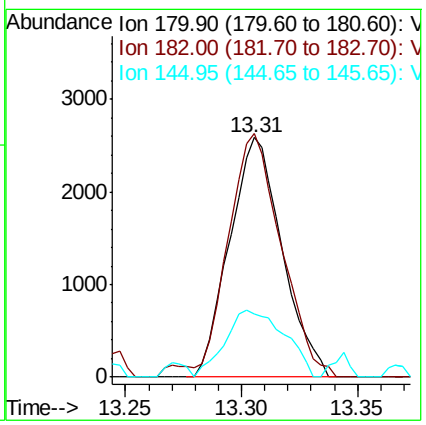


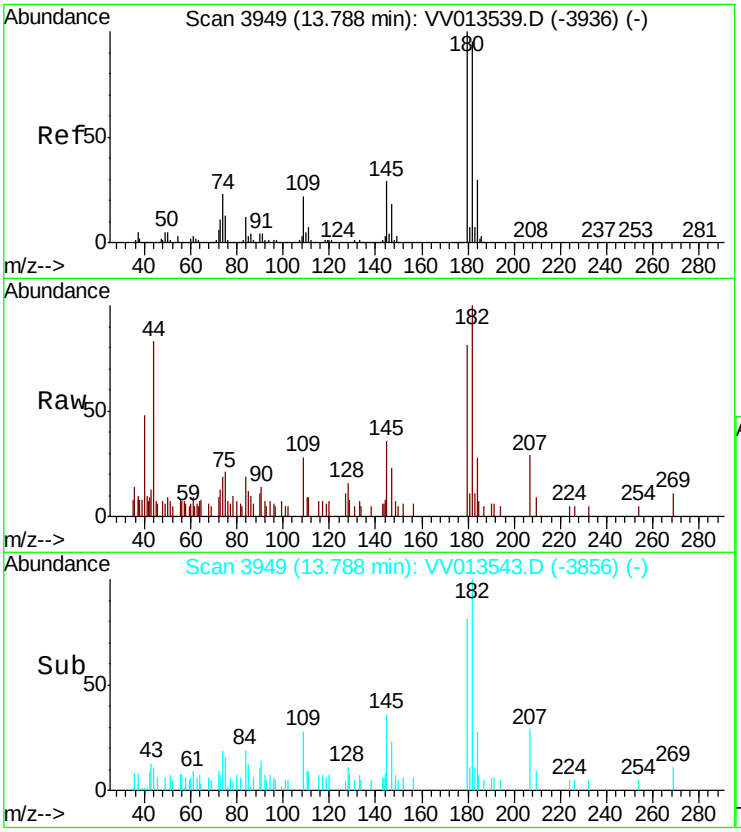


#68
1,2,4-trichlorobenzene
Concen: 0.104 ug/L
RT: 13.31 min Scan# 3799
Delta R.T. 0.00 min
Lab File: VV013543.D
Acq: 08 Nov 2019 16:56

Tgt Ion:180 Resp: 4070

Ion	Ratio	Lower	Upper
180	100		
182	101.9	76.6	115.0
145	31.4	22.2	33.4





#70
1,2,3-Trichlorobenzene
Concen: 0.085 ug/L
RT: 13.79 min Scan# 3949
Delta R.T. 0.00 min
Lab File: VV013543.D
Acq: 08 Nov 2019 16:56

Instrument :
MSVOA_V
ClientSampleId :
F2J00MSD

Tgt Ion:180 Resp: 3101

Ion	Ratio	Lower	Upper
180	100		
182	113.8	76.2	114.4
145	27.6	23.2	34.8