Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072319\
Data File : VV011997.D
Acq On : 24 Jul 2019 05:49
Operator : SY/MD
Sample : K3960-05MS
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB9A9MS

Quant Time: Jul 24 09:02:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 07:47:25 2019
Response via : Initial Calibration

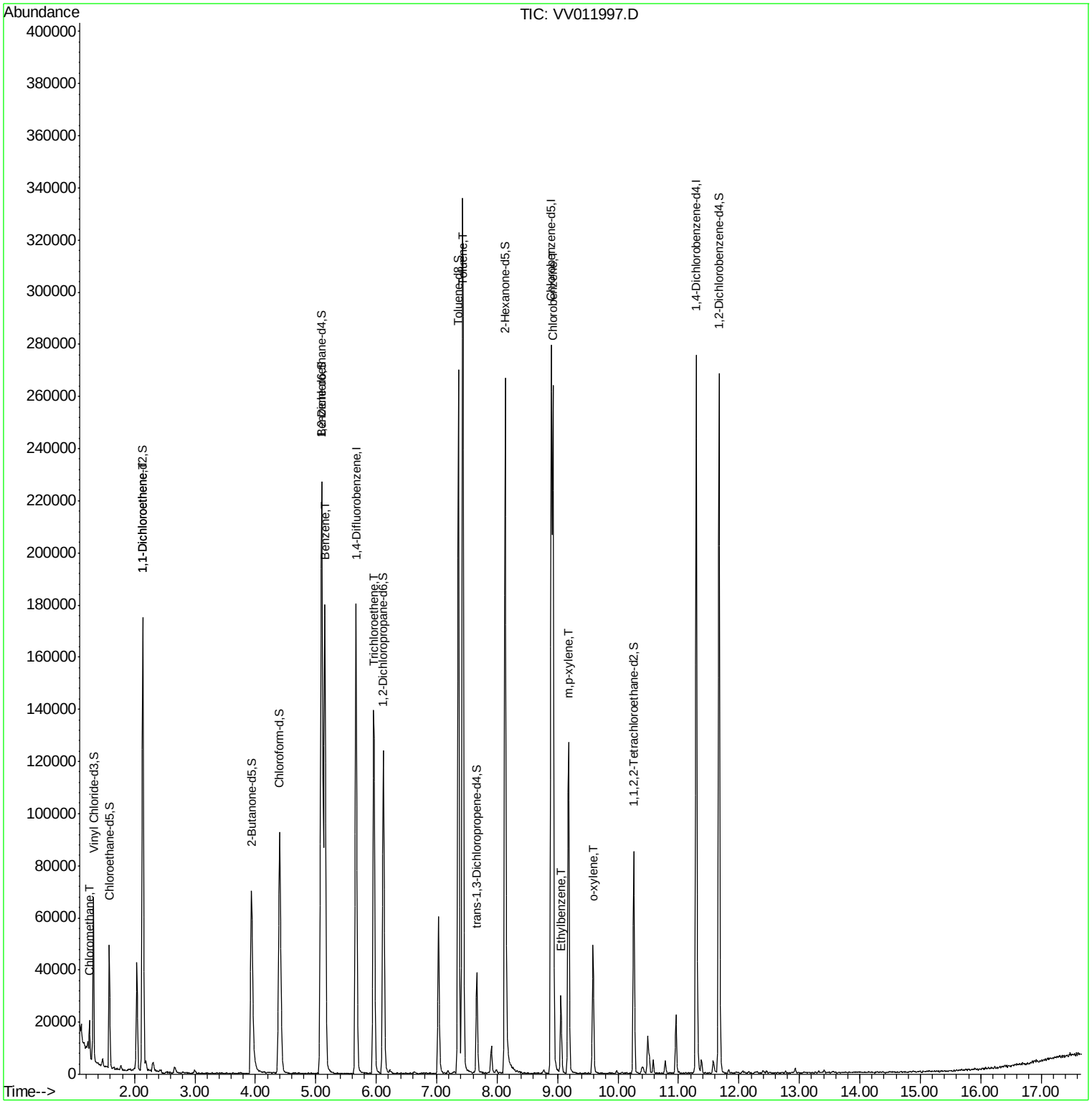
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	151723	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	146190	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	74112	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	35210	4.47	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.40%			
7) Chloroethane-d5	1.58	69	29975	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.60%			
11) 1,1-Dichloroethene-d2	2.14	63	71846	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.60%			
20) 2-Butanone-d5	3.94	46	109133	47.35	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.70%			
24) Chloroform-d	4.40	84	91609	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
26) 1,2-Dichloroethane-d4	5.08	65	53915	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
32) Benzene-d6	5.10	84	194036	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
36) 1,2-Dichloropropane-d6	6.12	67	53920	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.40%			
41) Toluene-d8	7.36	98	175492	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
43) trans-1,3-Dichloropropene-	7.66	79	20176	4.26	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.20%			
46) 2-Hexanone-d5	8.13	63	89815	47.23	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.46%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37796	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	70681	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	8062	0.886	ug/L	99
12) 1,1-Dichloroethene	2.14	96	27530	3.987	ug/L	97
33) Benzene	5.15	78	174470	4.057	ug/L	100
34) Trichloroethene	5.96	95	46037	3.855	ug/L	97
42) Toluene	7.43	91	237039	5.135	ug/L	98
51) Chlorobenzene	8.92	112	132253	4.376	ug/L	98
52) Ethylbenzene	9.05	91	19393	0.368	ug/L	100
53) m,p-xylene	9.18	106	35469	1.769	ug/L	95
54) o-xylene	9.59	106	12987	0.683	ug/L	93

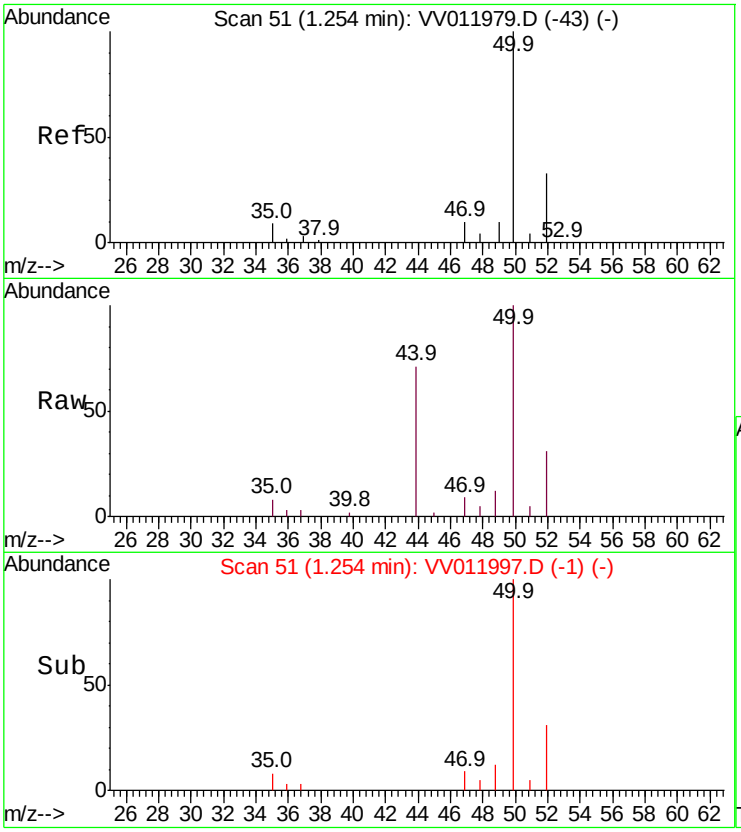
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072319\
Data File : VV011997.D
Acq On : 24 Jul 2019 05:49
Operator : SY/MD
Sample : K3960-05MS
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB9A9MS

Quant Time: Jul 24 09:02:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 07:47:25 2019
Response via : Initial Calibration



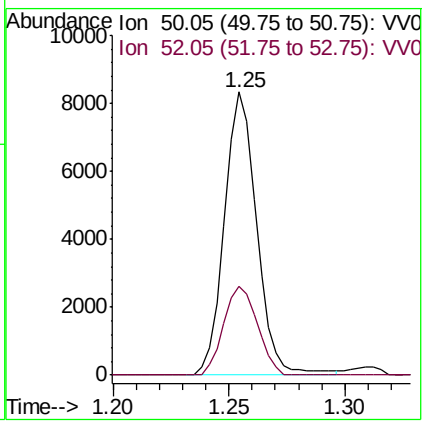


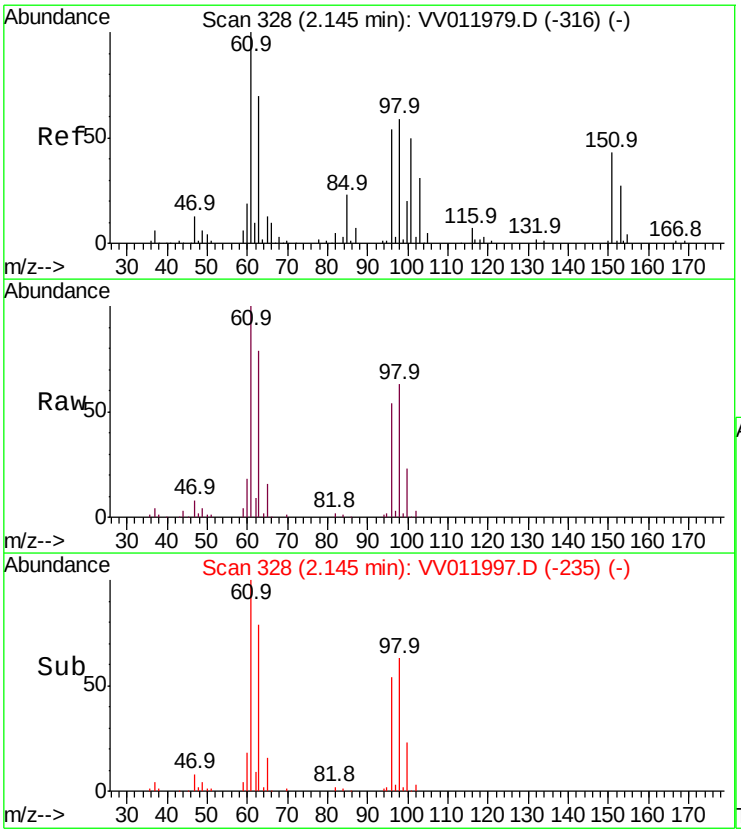
#3
Chloromethane
Concen: 0.886 ug/L
RT: 1.25 min Scan# 51
Delta R.T. -0.00 min
Lab File: VV011997.D
Acq: 24 Jul 2019 05:49

Instrument :
MSVOA_V
ClientSampleId :
DB9A9MS

Tgt Ion: 50 Resp: 8062

Ion	Ratio	Lower	Upper
50	100		
52	31.2	21.6	40.2

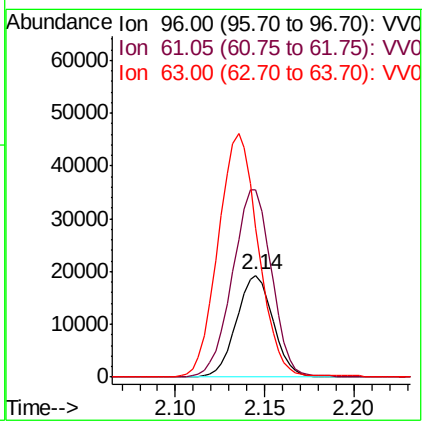


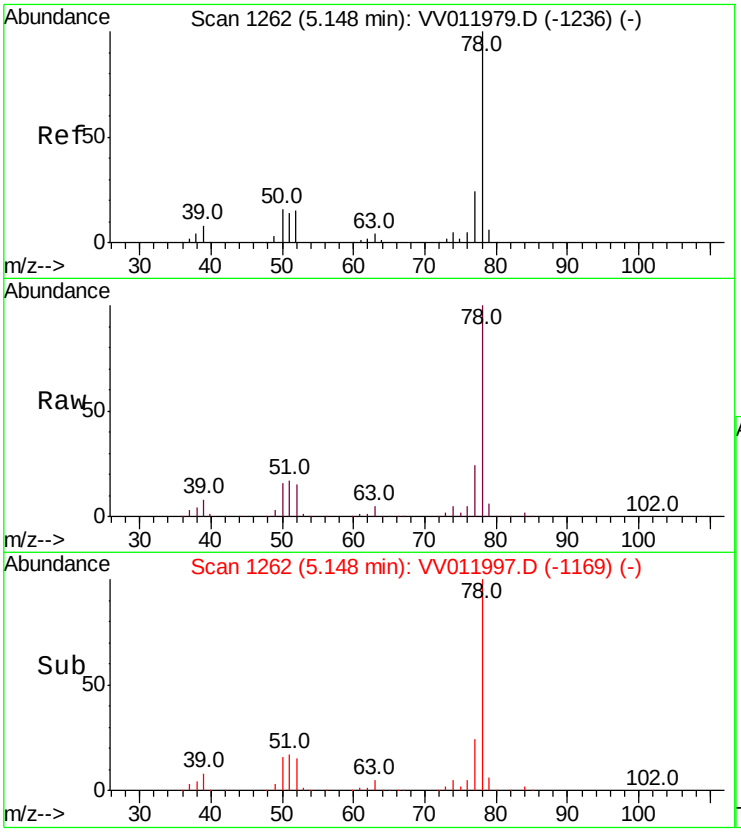


#12
1,1-Dichloroethene
Concen: 3.987 ug/L
RT: 2.14 min Scan# 328
Delta R.T. -0.00 min
Lab File: VV011997.D
Acq: 24 Jul 2019 05:49

Tgt Ion: 96 Resp: 27530

Ion	Ratio	Lower	Upper
96	100		
61	183.8	132.7	246.5
63	145.6	104.0	193.1

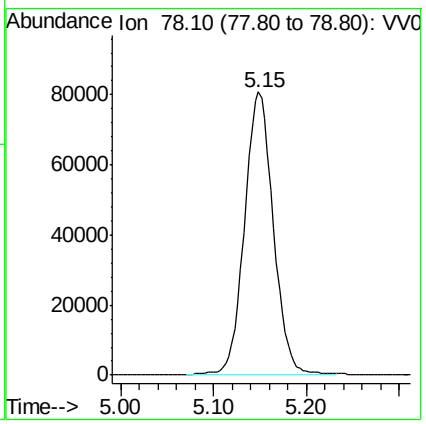


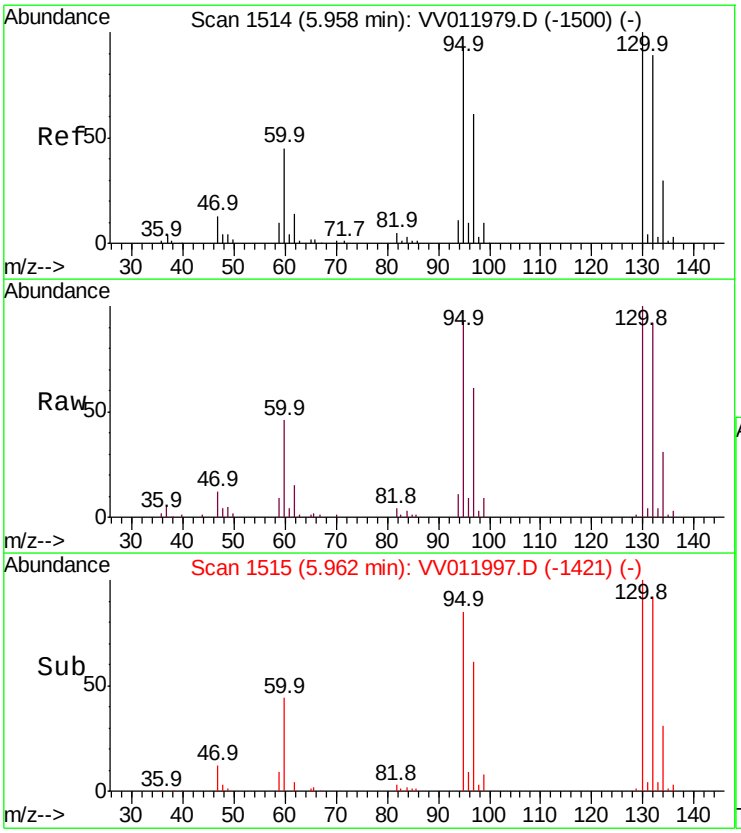


#33
Benzene
Concen: 4.057 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VV011997.D
Acq: 24 Jul 2019 05:49

Instrument :
MSVOA_V
ClientSampleId :
DB9A9MS

Tgt Ion: 78 Resp: 174470

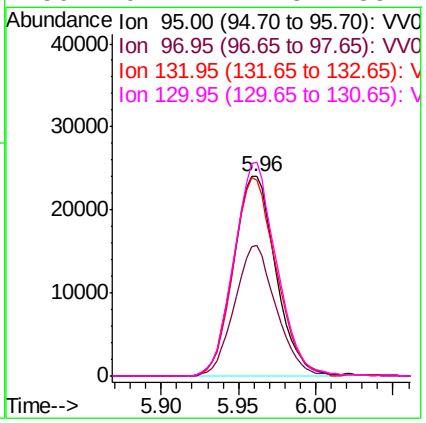


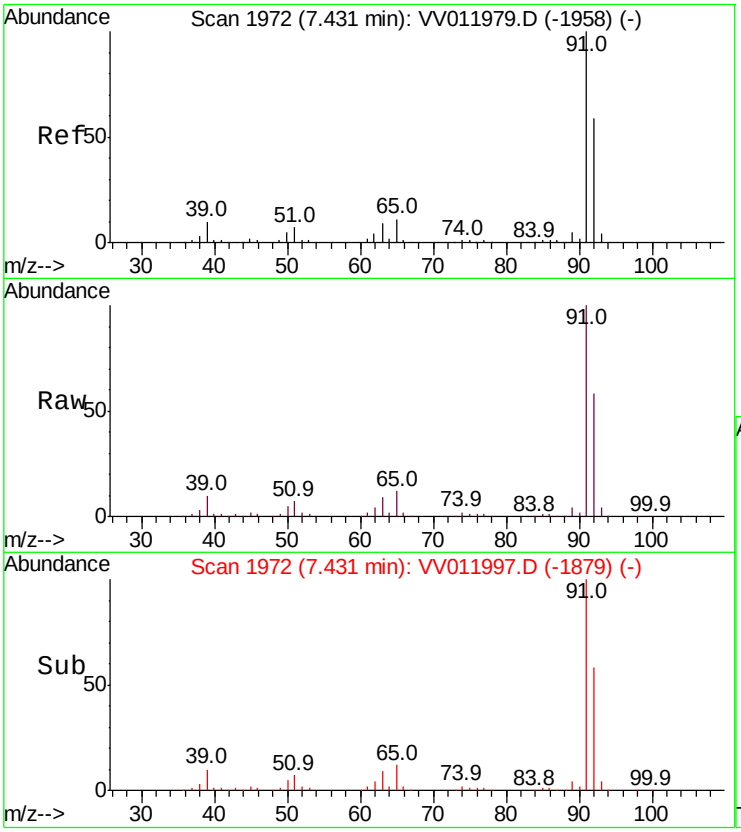


#34
Trichloroethene
Concen: 3.855 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV011997.D
Acq: 24 Jul 2019 05:49

Tgt Ion: 95 Resp: 46037

Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.6	84.6
132	98.5	71.3	132.3
130	107.2	72.8	135.2



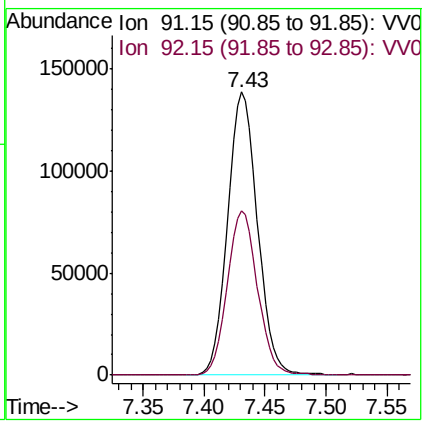


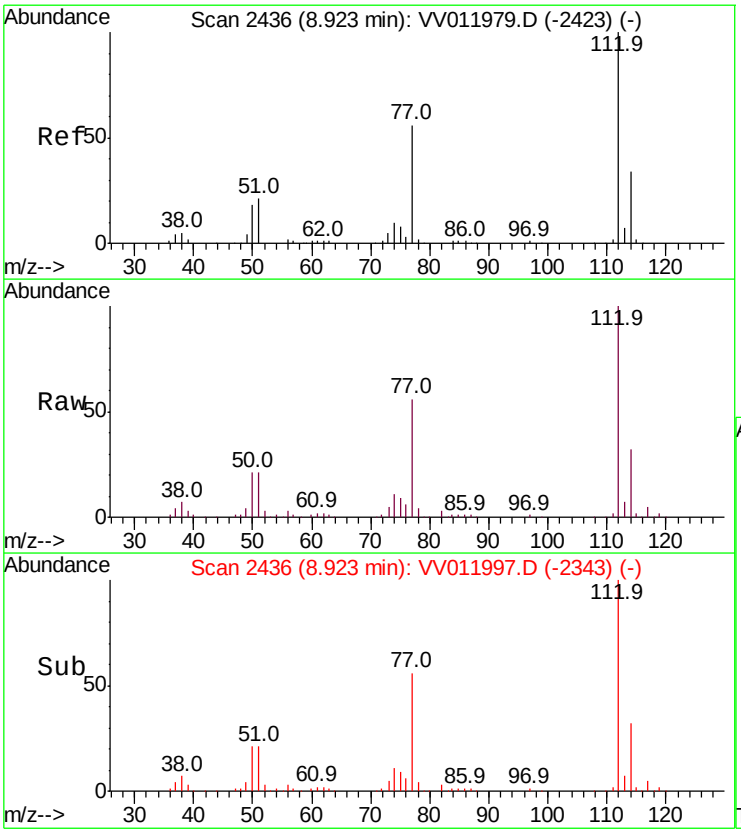
#42
Toluene
Concen: 5.135 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV011997.D
Acq: 24 Jul 2019 05:49

Instrument :
MSVOA_V
ClientSampleId :
DB9A9MS

Tgt Ion: 91 Resp: 237039

Ion	Ratio	Lower	Upper
91	100		
92	58.1	41.9	77.9

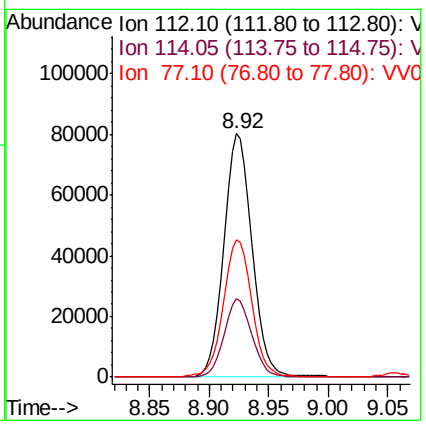


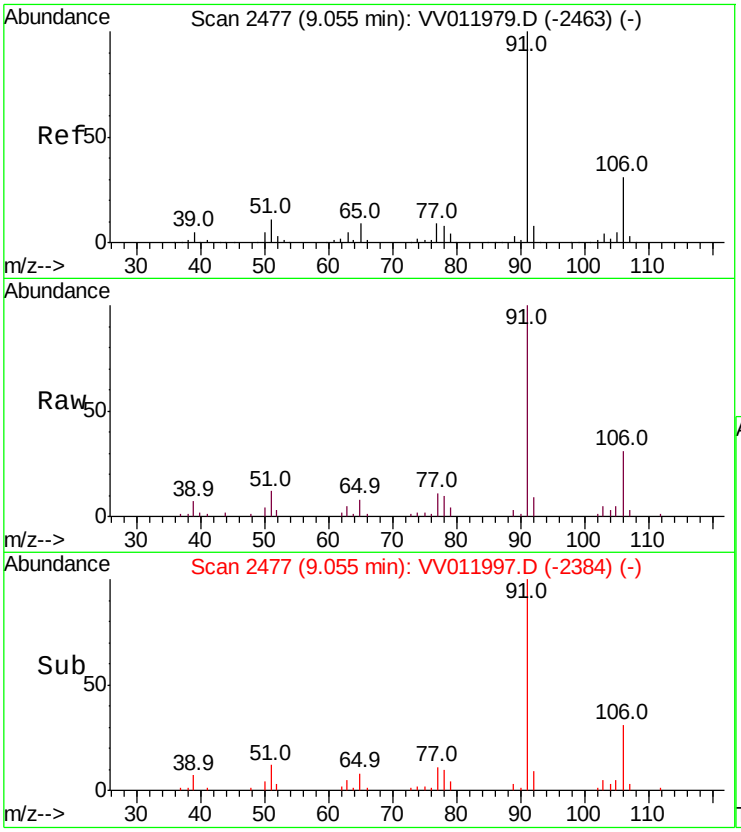


#51
Chlorobenzene
Concen: 4.376 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV011997.D
Acq: 24 Jul 2019 05:49

Tgt Ion:112 Resp: 132253

Ion	Ratio	Lower	Upper
112	100		
114	32.0	23.0	42.8
77	56.2	46.4	69.6



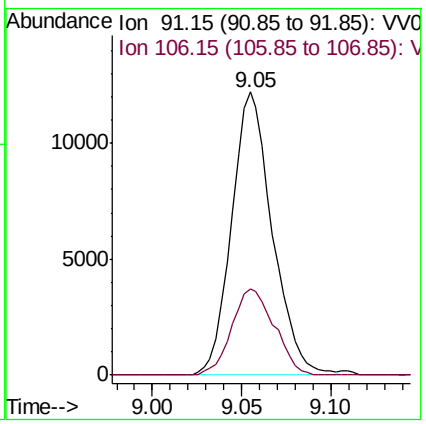


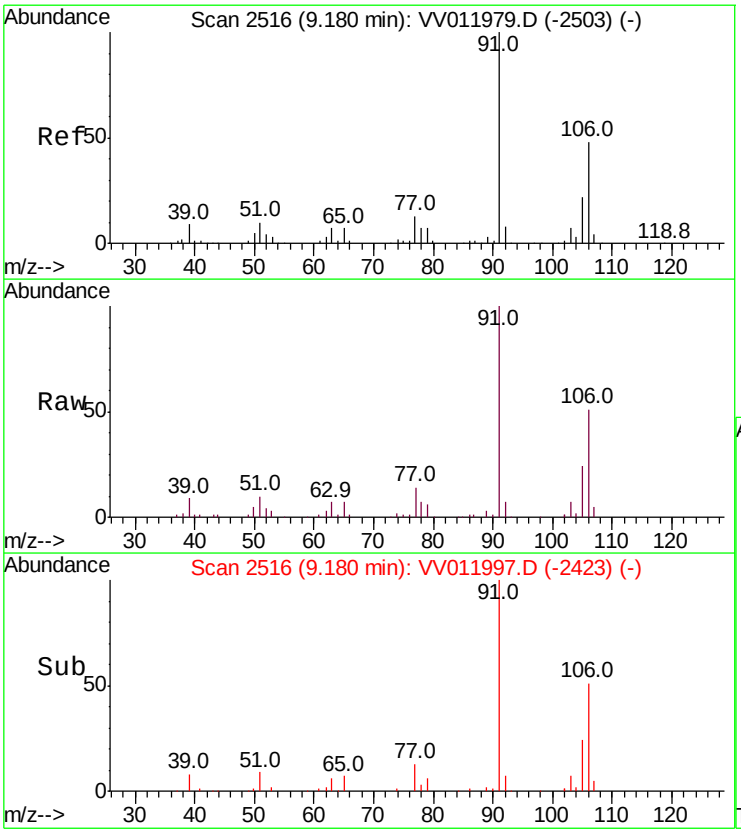
#52
Ethylbenzene
Concen: 0.368 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. -0.00 min
Lab File: VV011997.D
Acq: 24 Jul 2019 05:49

Instrument : MSVOA_V
ClientSampleId : DB9A9MS

Tgt Ion: 91 Resp: 19393

Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.6	40.0

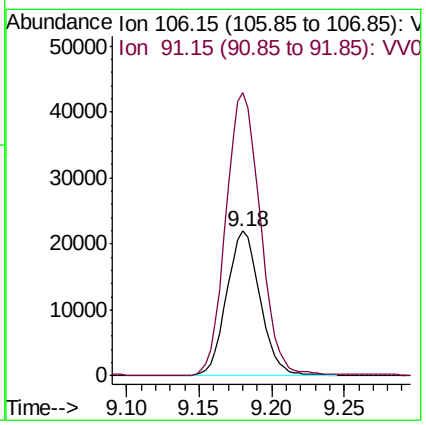


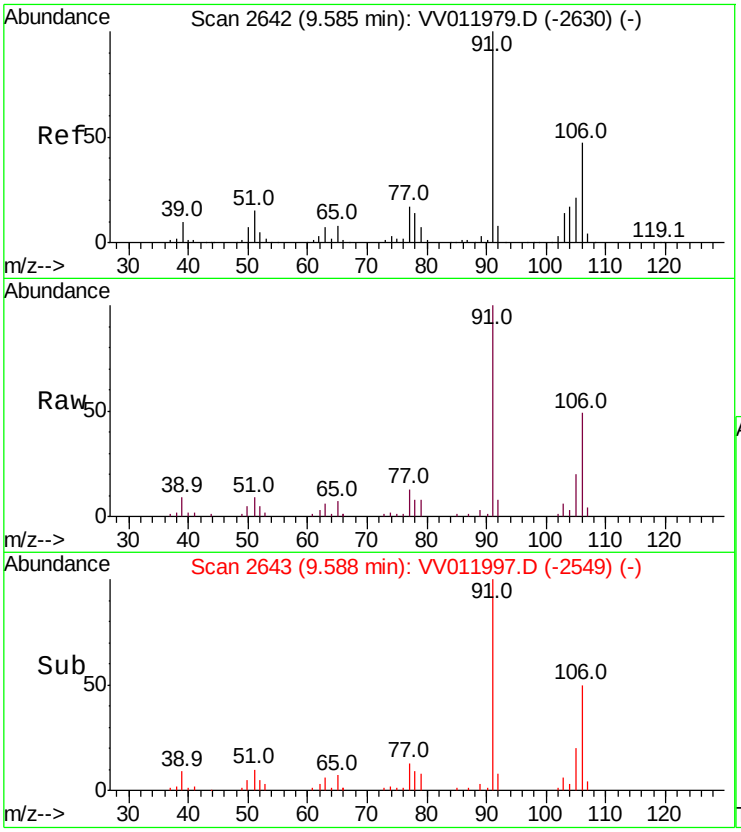


#53
m,p-xylene
Concen: 1.769 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. -0.00 min
Lab File: VV011997.D
Acq: 24 Jul 2019 05:49

Tgt Ion:106 Resp: 35469

Ion	Ratio	Lower	Upper
106	100		
91	195.8	142.7	265.1





#54
o-xylene
Concen: 0.683 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV011997.D
Acq: 24 Jul 2019 05:49

Tgt Ion:106 Resp: 12987

Ion	Ratio	Lower	Upper
106	100		
91	204.0	151.0	280.4

Instrument :
MSVOA_V
ClientSampleId :
DB9A9MS