Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\

Quantitation Report (Not Reviewed)

Data File : VV012526.D
Acq On : 02 Sep 2019 14:03
Operator : SY/MD
Sample : K4607-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD68

Quant Time: Sep 03 05:47:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 05:44:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	150918	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	149733	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	63765	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	67033	4.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.40%			
7) Chloroethane-d5	1.59	69	68048	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.00%			
11) 1,1-Dichloroethene-d2	2.13	63	111029	3.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.00%			
20) 2-Butanone-d5	3.96	46	131199	46.97	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.94%			
24) Chloroform-d	4.40	84	103783	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
26) 1,2-Dichloroethane-d4	5.08	65	56807	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
32) Benzene-d6	5.10	84	200568	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
36) 1,2-Dichloropropane-d6	6.12	67	64767	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.80%			
41) Toluene-d8	7.36	98	164649	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.40%			
43) trans-1,3-Dichloropropene-	7.67	79	21496	4.44	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.80%			
46) 2-Hexanone-d5	8.14	63	79866	44.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.08%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40896	4.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	56195	4.80	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.00%			

Target Compounds						Qvalue
13) Acetone	2.21	43	15309	3.863	ug/L	95
14) Carbon disulfide	2.32	76	3483	0.055	ug/L #	85
21) 2-Butanone	4.15	43	13442	3.545	ug/L #	54
35) Methylcyclohexane	6.12	83	15505	0.599	ug/L #	18
42) Toluene	7.43	91	59386	0.889	ug/L	96
47) Tetrachloroethene	8.02	164	1464	0.119	ug/L #	72
48) 2-Hexanone	8.19	43	9829	1.467	ug/L #	80
53) m,p-xylene	9.18	106	2232	0.084	ug/L	77
55) Styrene	9.60	104	67993	1.602	ug/L	98
69) Naphthalene	13.56	128	2149	0.099	ug/L #	93

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\

Quantitation Report (Not Reviewed)

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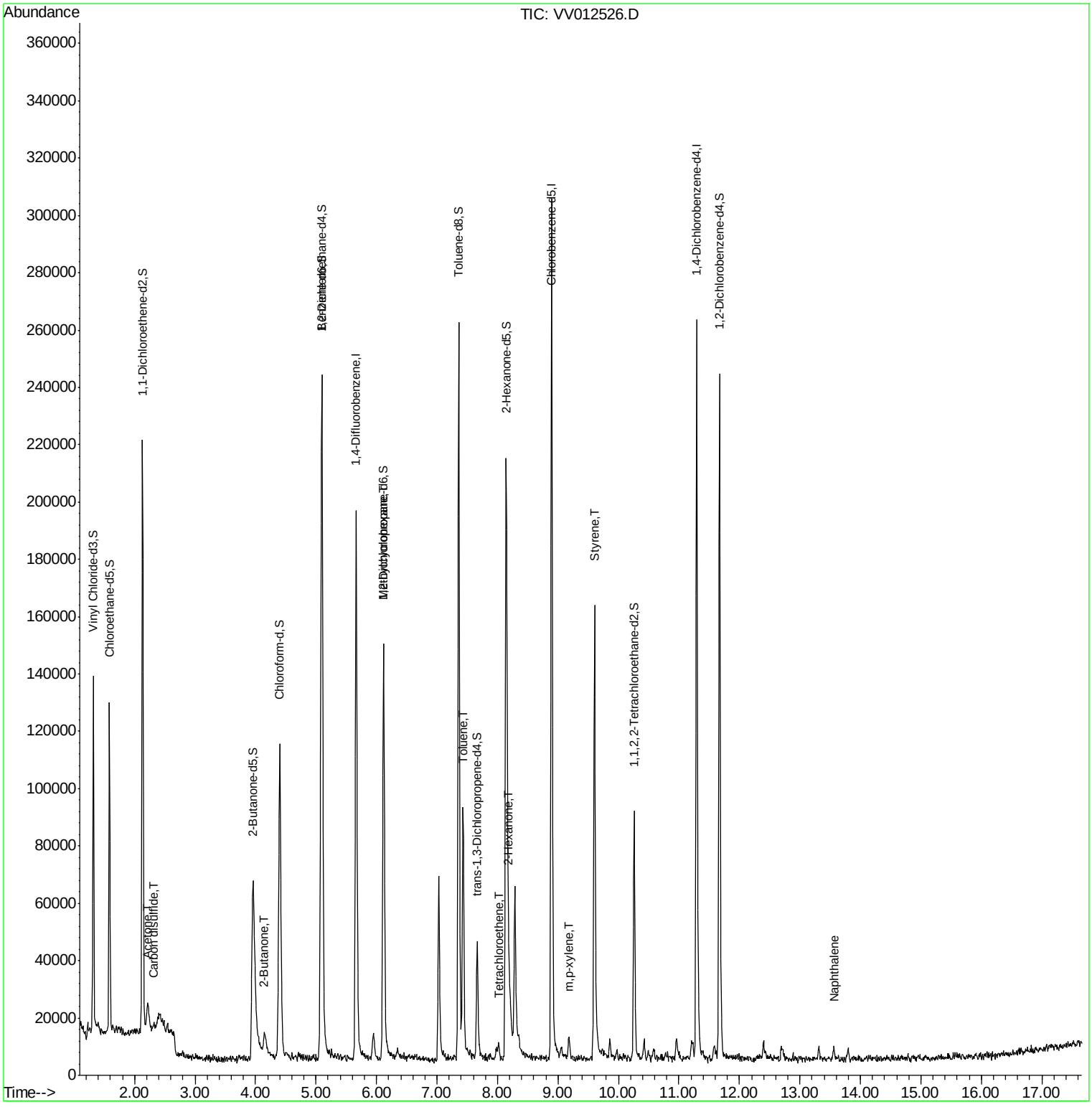
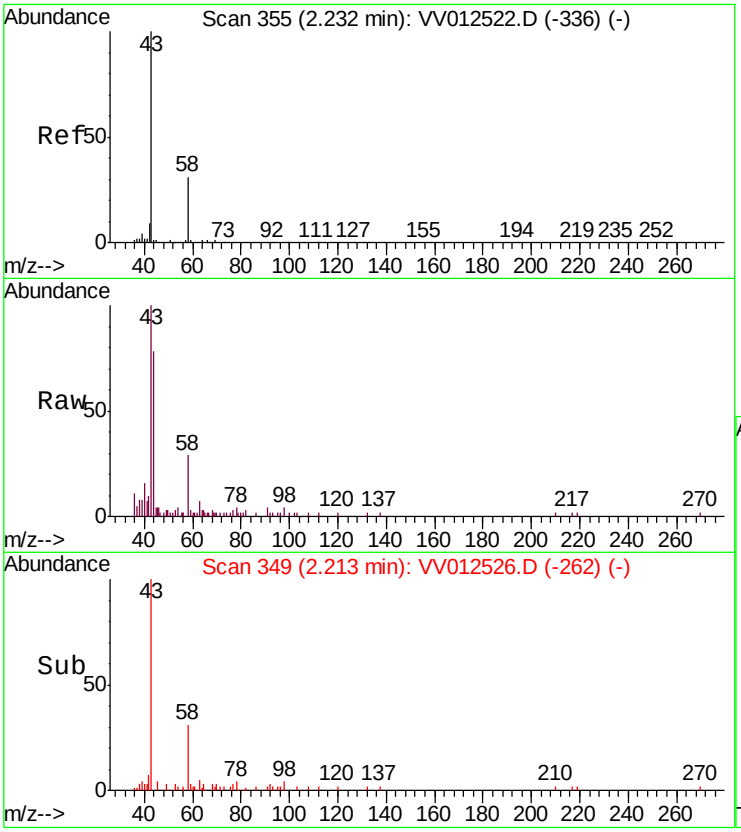
Quant Time: Sep 03 05:47:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 05:44:01 2019
Response via : Initial Calibration



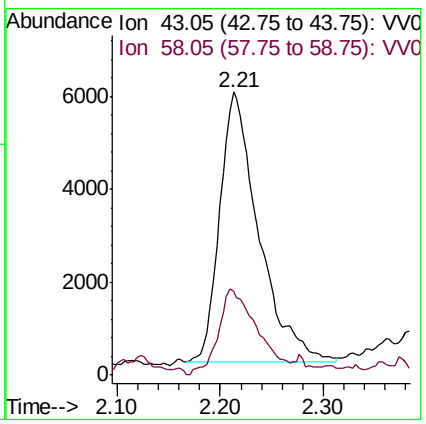


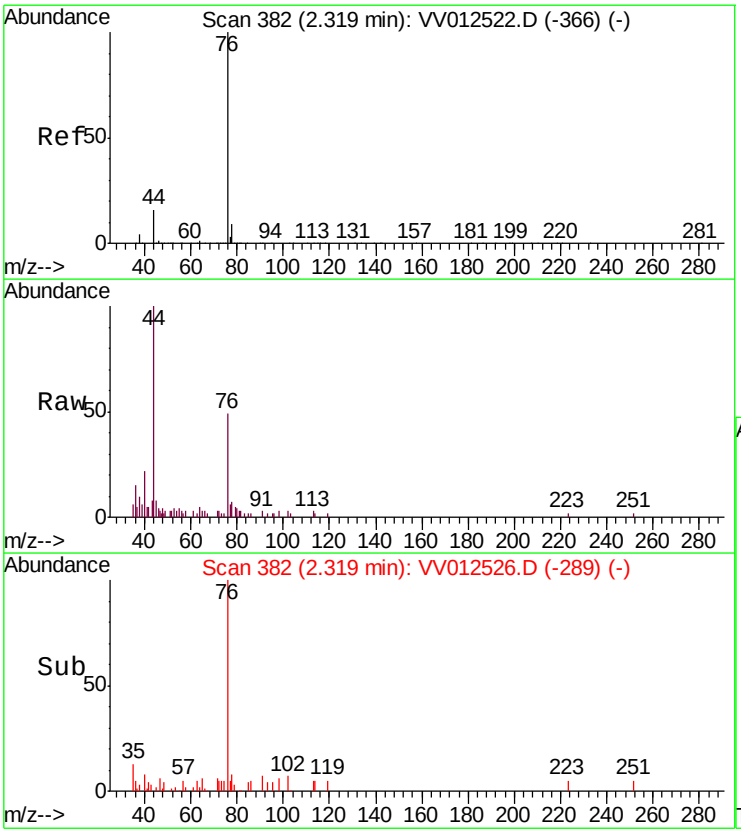
#13
Acetone
Concen: 3.863 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.02 min
Lab File: VV012526.D
Acq: 02 Sep 2019 14:03

Instrument :
MSVOA_V
ClientSampleId :
BFD68

Tgt Ion: 43 Resp: 15309

Ion	Ratio	Lower	Upper
43	100		
58	31.9	0.0	58.2

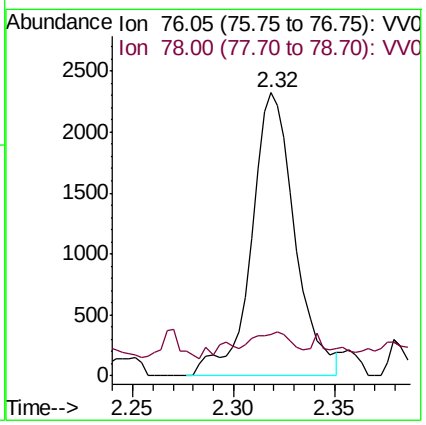


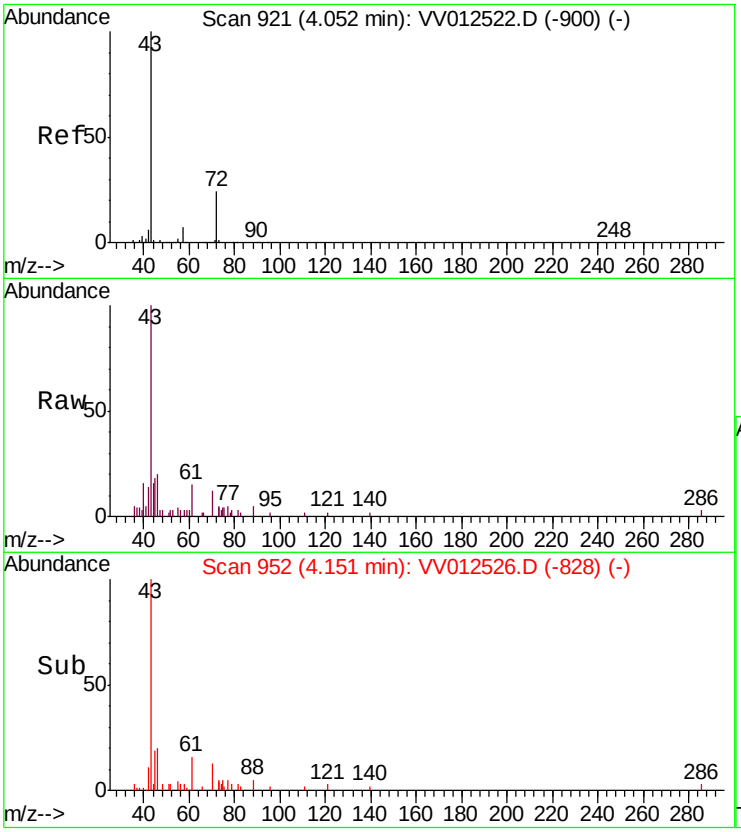


#14
Carbon disulfide
Concen: 0.055 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VV012526.D
Acq: 02 Sep 2019 14:03

Tgt Ion: 76 Resp: 3483

Ion	Ratio	Lower	Upper
76	100		
78	14.7	7.4	11.0#



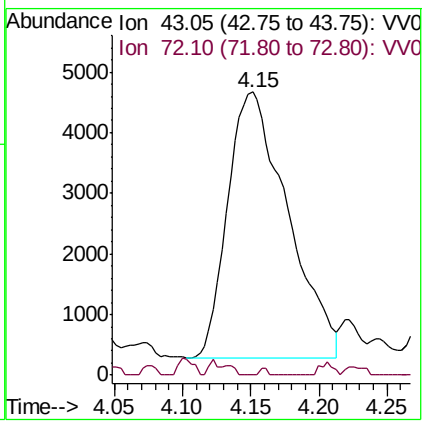


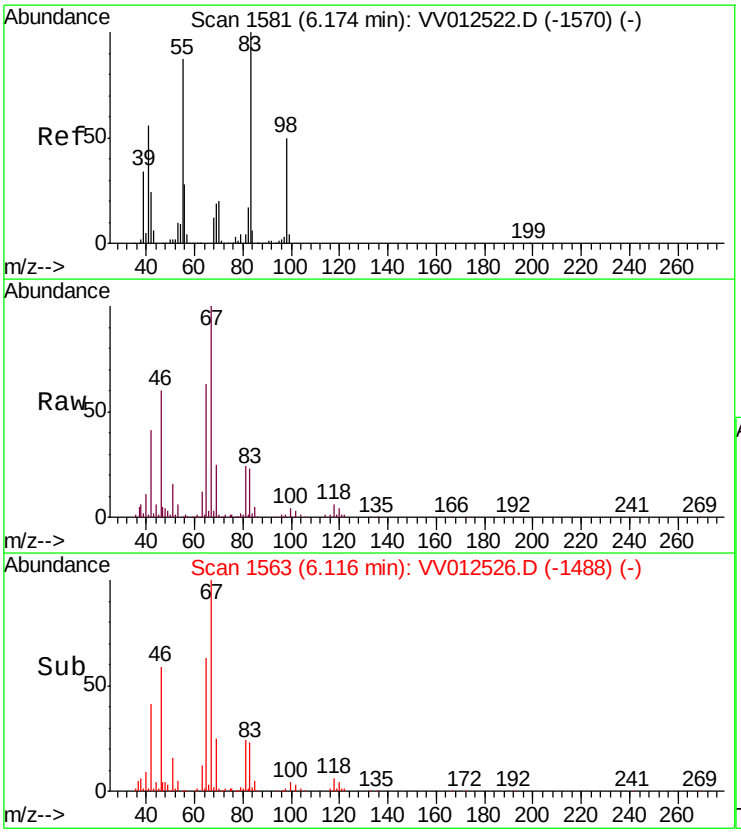
#21
2-Butanone
Concen: 3.545 ug/L
RT: 4.15 min Scan# 952
Delta R.T. 0.10 min
Lab File: VV012526.D
Acq: 02 Sep 2019 14:03

Instrument :
MSVOA_V
ClientSampleId :
BFD68

Tgt Ion: 43 Resp: 13442

Ion	Ratio	Lower	Upper
43	100		
72	0.3	11.4	34.1#

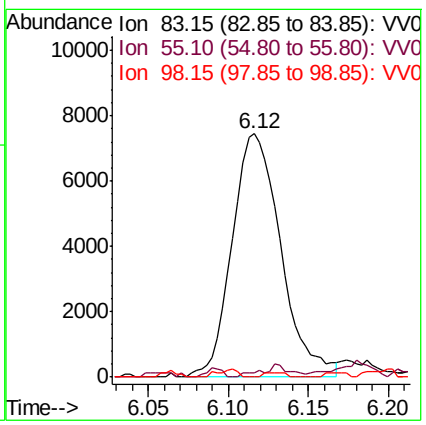


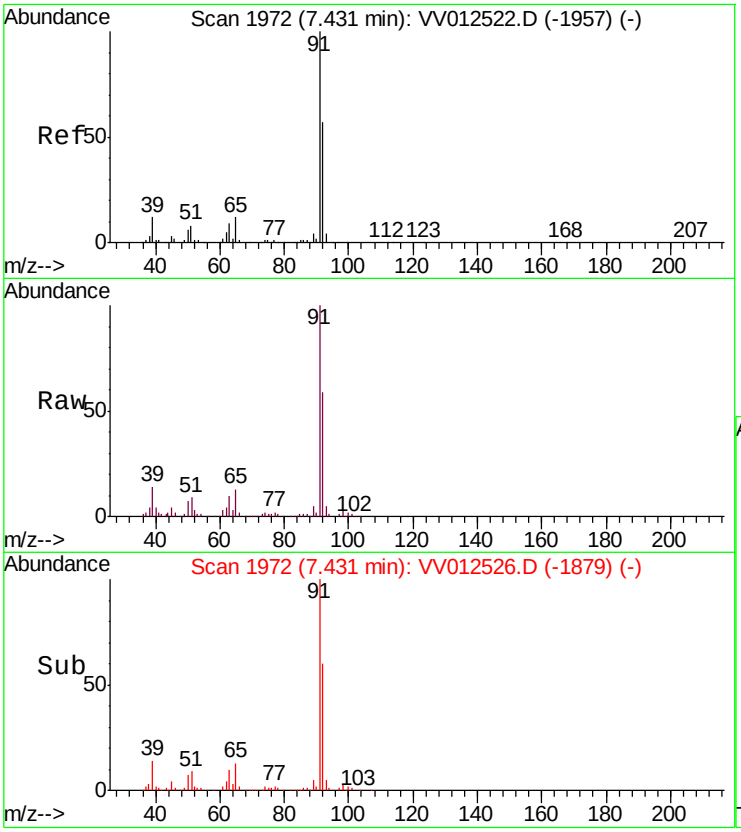


#35
Methylcyclohexane
Concen: 0.599 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012526.D
Acq: 02 Sep 2019 14:03

Tgt Ion: 83 Resp: 15505

Ion	Ratio	Lower	Upper
83	100		
55	3.1	67.3	100.9#
98	0.8	37.4	56.2#



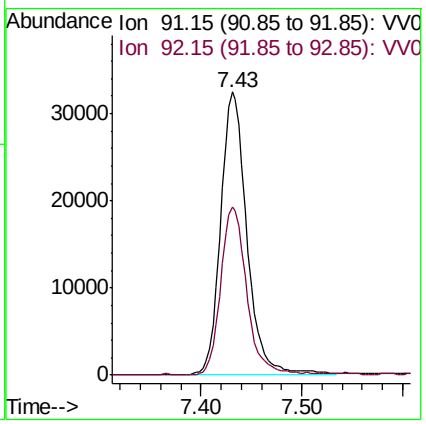


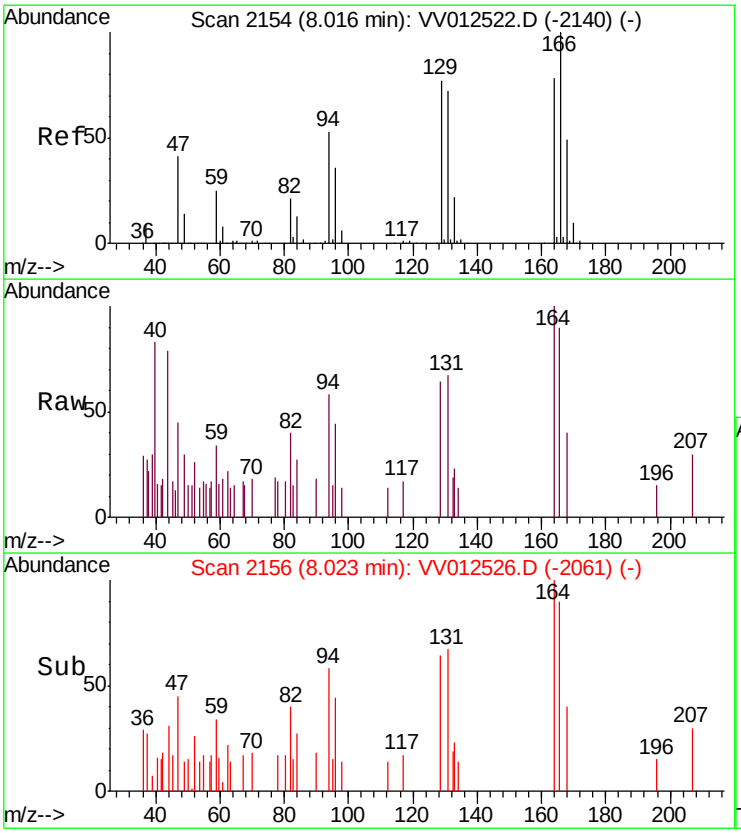
#42
Toluene
Concen: 0.889 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV012526.D
Acq: 02 Sep 2019 14:03

Instrument : MSVOA_V
ClientSampleId : BFD68

Tgt Ion: 91 Resp: 59386

Ion	Ratio	Lower	Upper
91	100		
92	59.3	39.6	73.6

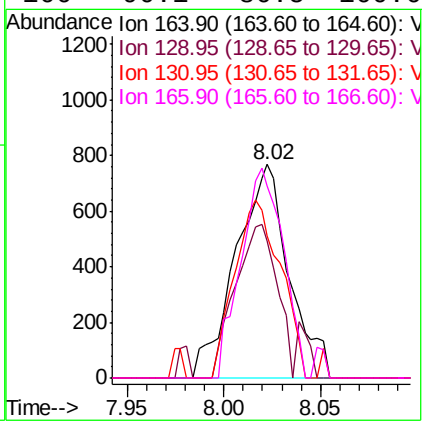


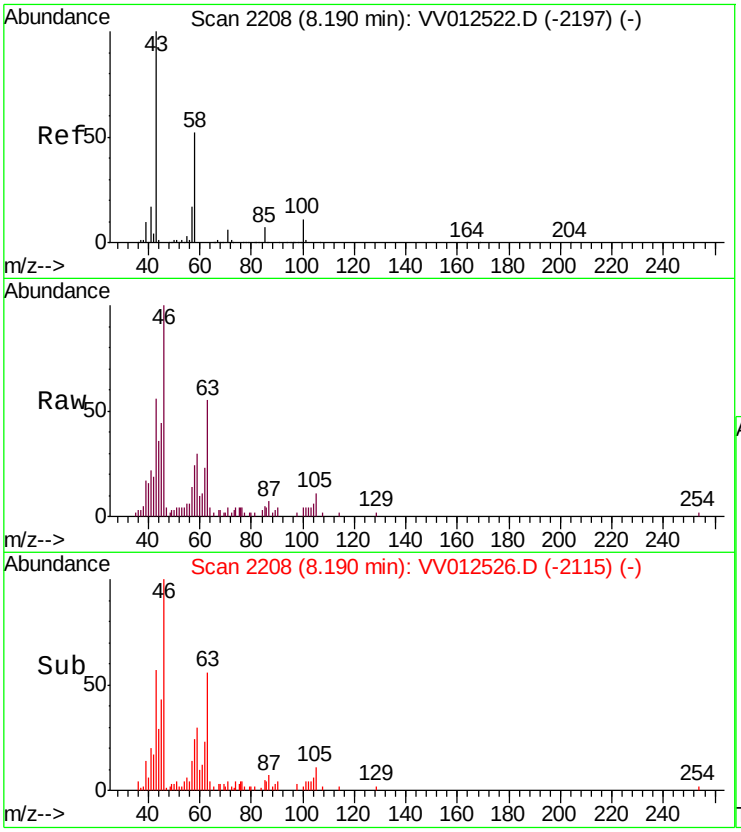


#47
Tetrachloroethene
Concen: 0.119 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.01 min
Lab File: VV012526.D
Acq: 02 Sep 2019 14:03

Tgt Ion:164 Resp: 1464

Ion	Ratio	Lower	Upper
164	100		
129	64.1	64.5	119.9#
131	66.8	62.3	115.7
166	90.1	86.5	160.6



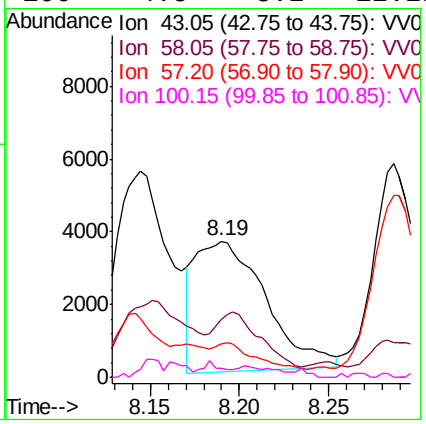


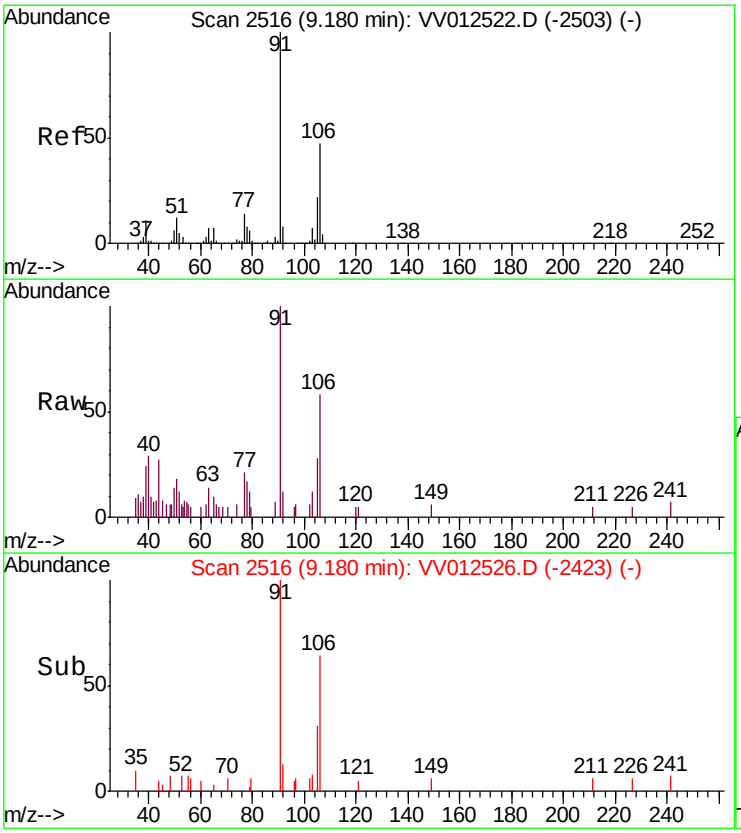
#48
2-Hexanone
Concen: 1.467 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV012526.D
Acq: 02 Sep 2019 14:03

Instrument : MSVOA_V
ClientSampleId : BFD68

Tgt Ion: 43 Resp: 9829

Ion	Ratio	Lower	Upper
43	100		
58	33.7	40.0	60.0#
57	11.1	13.4	20.2#
100	4.5	8.2	12.2#

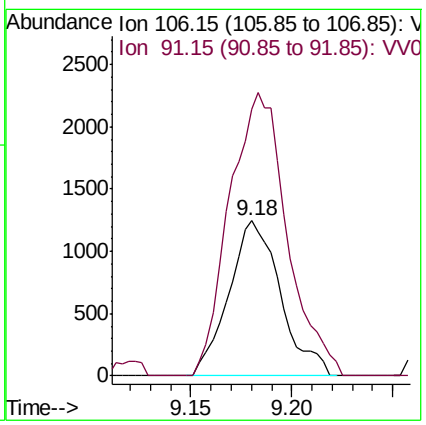


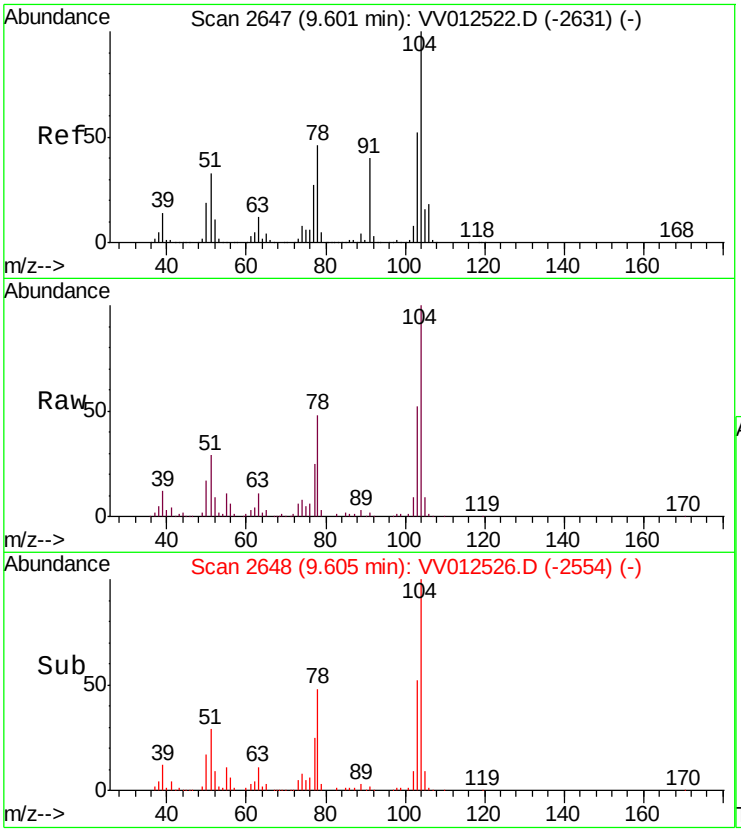


#53
m,p-xylene
Concen: 0.084 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV012526.D
Acq: 02 Sep 2019 14:03

Tgt Ion:106 Resp: 2232

Ion	Ratio	Lower	Upper
106	100		
91	172.3	145.8	270.8



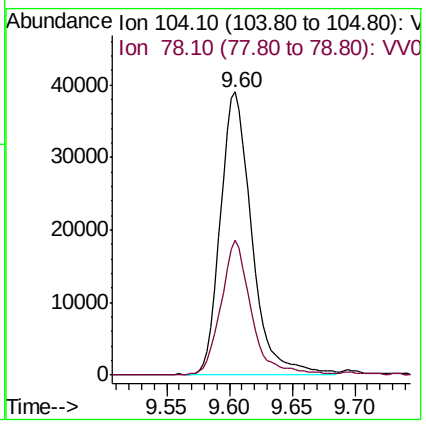


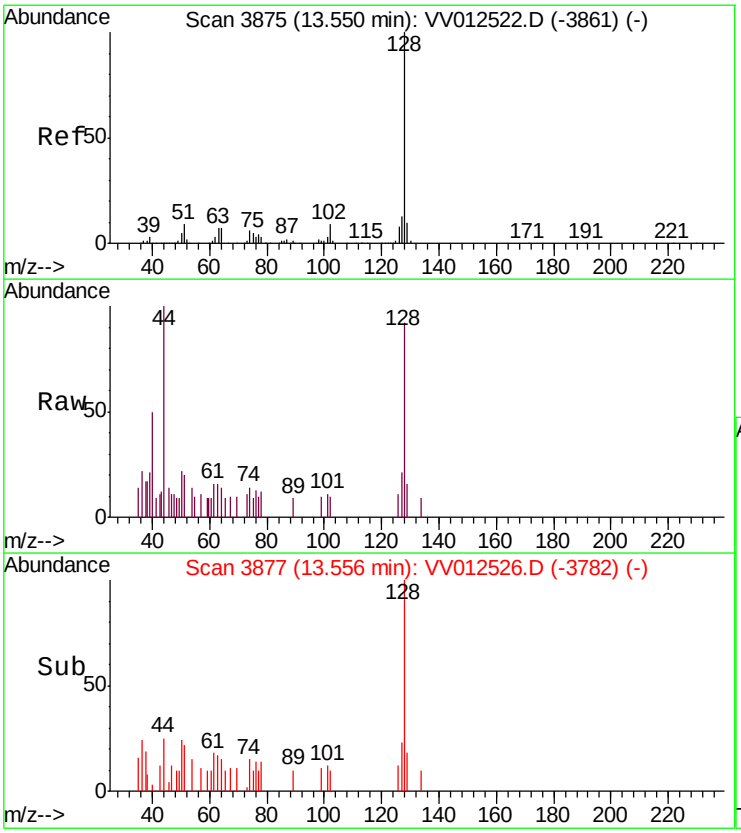
#55
Styrene
Concen: 1.602 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV012526.D
Acq: 02 Sep 2019 14:03

Instrument : MSVOA_V
ClientSampleId : BFD68

Tgt Ion:104 Resp: 67993

Ion	Ratio	Lower	Upper
104	100		
78	47.5	32.3	60.1





#69
Naphthalene
Concen: 0.099 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.01 min
Lab File: VV012526.D
Acq: 02 Sep 2019 14:03

Tgt Ion:128 Resp: 2149

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.8	13.2
127	18.2	11.0	16.4#