Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122719\
Data File : VV014199.D
Acq On : 27 Dec 2019 18:43
Operator : SY/MD
Sample : K6432-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6X2

Quant Time: Dec 28 17:24:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 28 01:05:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	523877	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	448369	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	190522	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	151950	6.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 123.80%			
7) Chloroethane-d5	1.58	69	133508	6.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 130.60%#			
11) 1,1-Dichloroethene-d2	2.13	63	187201	4.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.00%			
20) 2-Butanone-d5	3.92	46	654633	107.41	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 214.82%#			
24) Chloroform-d	4.40	84	321261	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.40%			
26) 1,2-Dichloroethane-d4	5.08	65	191924	6.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 129.40%			
32) Benzene-d6	5.10	84	675243	5.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.20%			
36) 1,2-Dichloropropane-d6	6.12	67	224434	6.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 121.20%			
41) Toluene-d8	7.36	98	587498	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.80%			
43) trans-1,3-Dichloropropene-	7.66	79	95512	5.76	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 115.20%			
46) 2-Hexanone-d5	8.13	63	539014	85.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 171.34%#			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	205427	7.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 155.20%#			
64) 1,2-Dichlorobenzene-d4	11.67	152	179983	5.27	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.40%			
Target Compounds						Qvalue
3) Chloromethane	1.26	50	15852	0.440	ug/L	94
6) Bromomethane	1.54	94	4643	0.293	ug/L	97
13) Acetone	2.18	43	85549	22.757	ug/L	99
14) Carbon disulfide	2.32	76	120628	1.191	ug/L	98
33) Benzene	5.15	78	21753	0.157	ug/L	100
42) Toluene	7.43	91	55035	0.361	ug/L	99
53) m,p-xylene	9.18	106	10759	0.169	ug/L	86
54) o-xylene	9.59	106	5375	0.087	ug/L	97

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

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Quant Title : TRACE VOA SOM01.0
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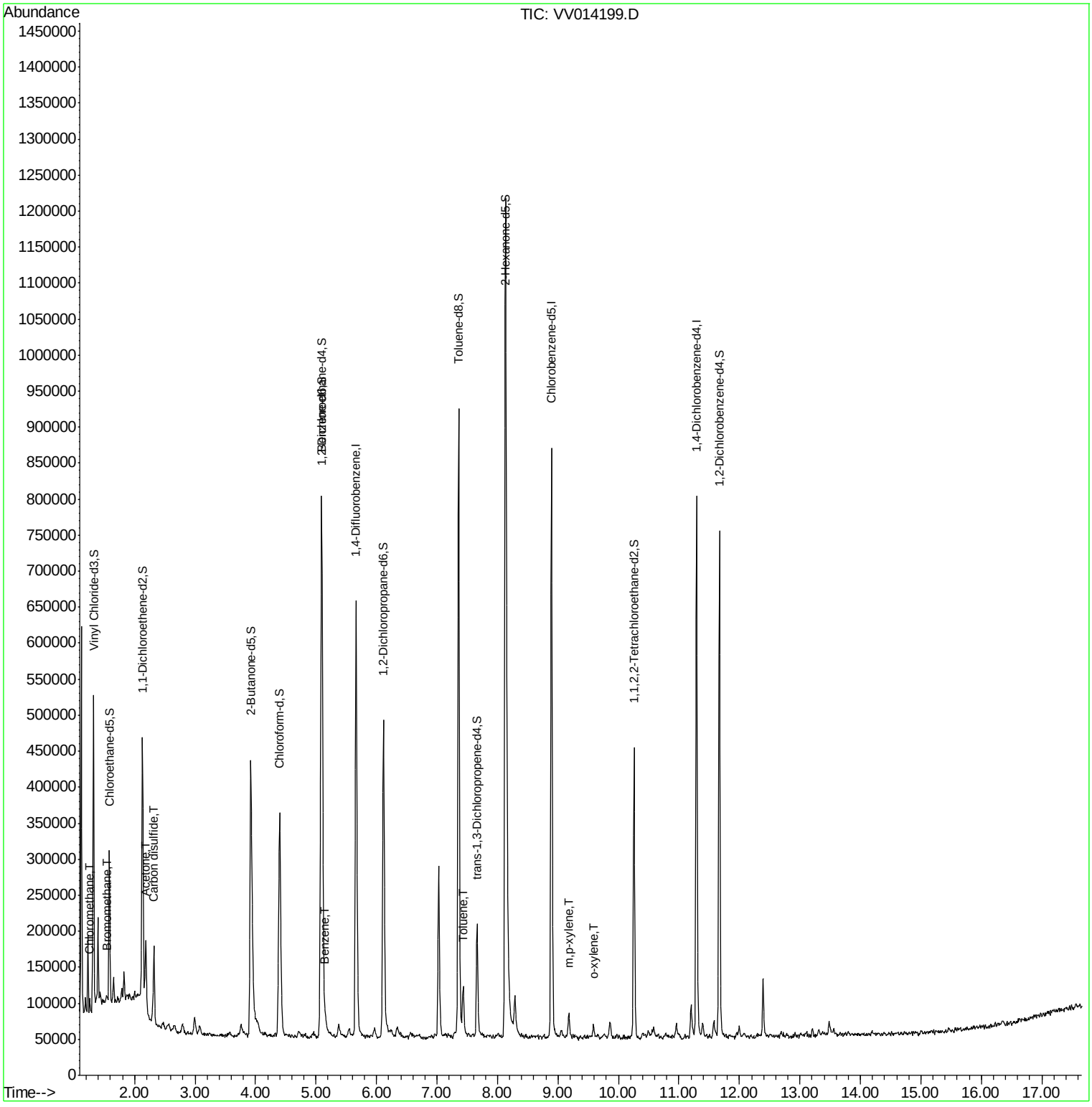
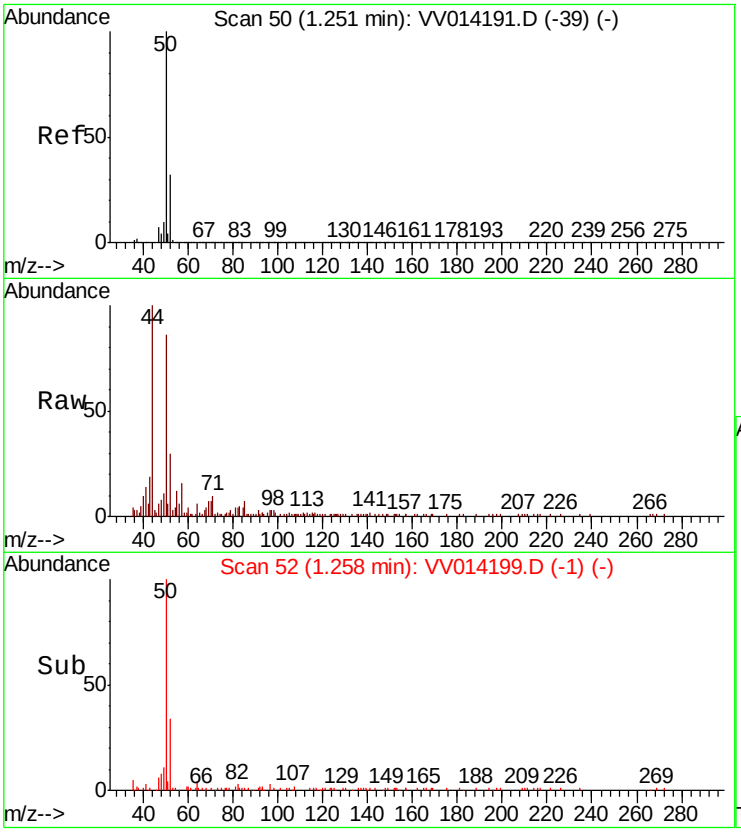


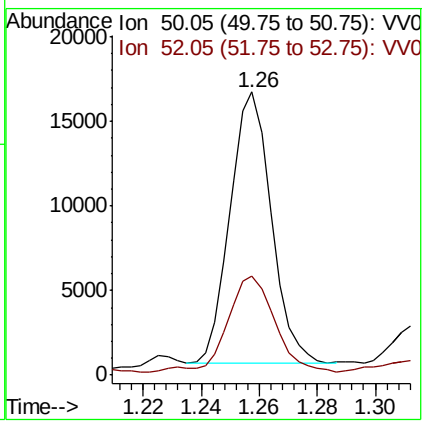


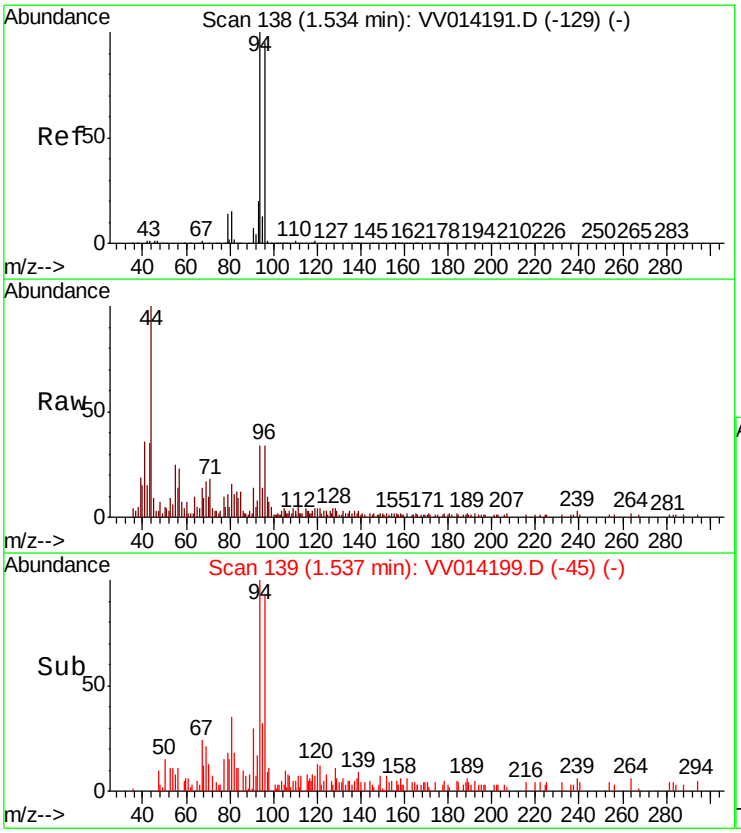
#3
Chloromethane
Concen: 0.440 ug/L
RT: 1.26 min Scan# 52
Delta R.T. 0.01 min
Lab File: VV014199.D
Acq: 27 Dec 2019 18:43

Instrument :
MSVOA_V
ClientSampleId :
BF6X2

Tgt Ion: 50 Resp: 15852

Ion	Ratio	Lower	Upper
50	100		
52	35.1	22.3	41.3

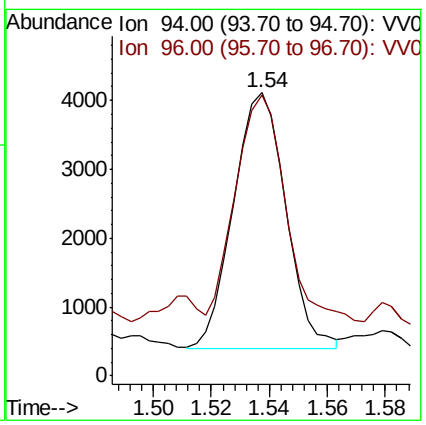


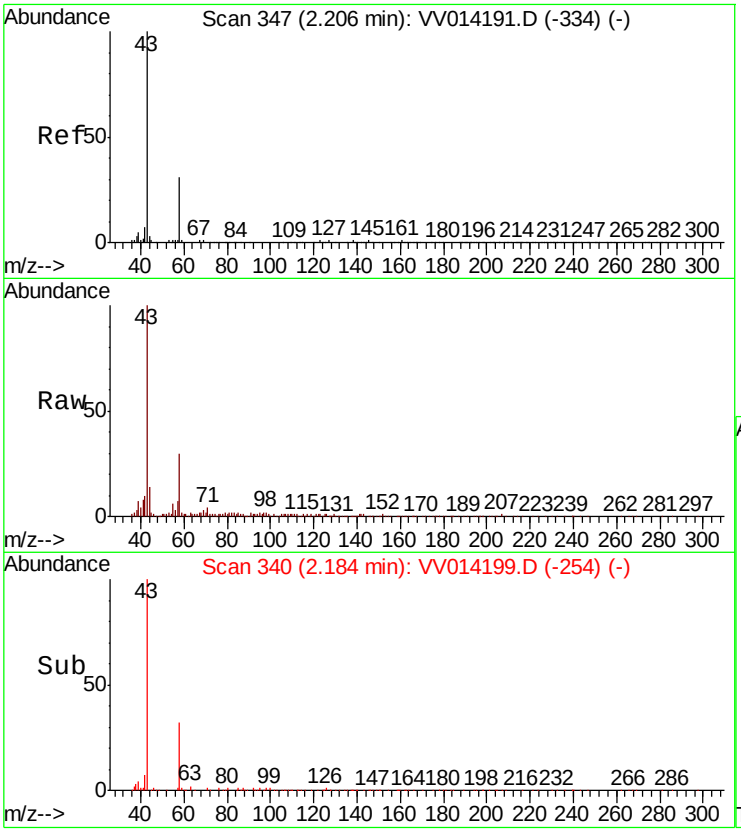


#6
Bromomethane
Concen: 0.293 ug/L
RT: 1.54 min Scan# 139
Delta R.T. 0.00 min
Lab File: VV014199.D
Acq: 27 Dec 2019 18:43

Tgt Ion: 94 Resp: 4643

Ion	Ratio	Lower	Upper
94	100		
96	99.0	66.9	124.3



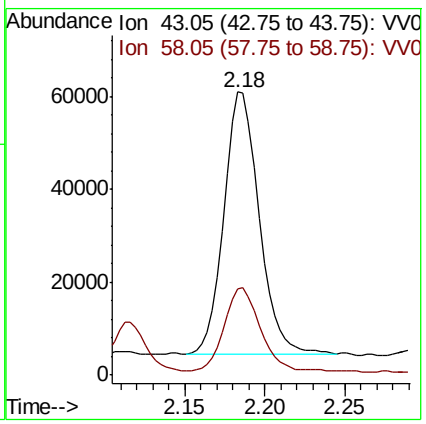


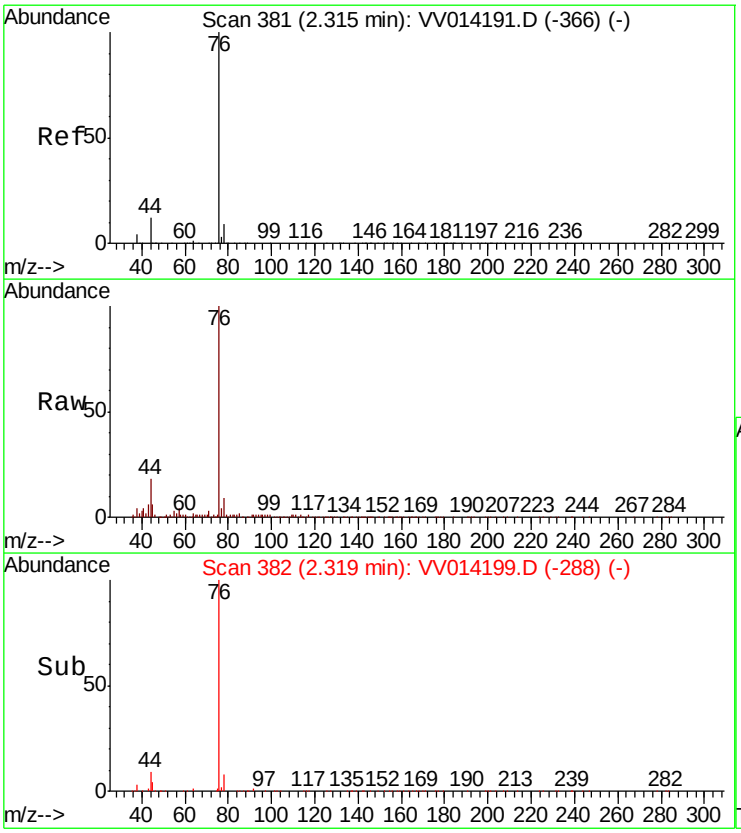
#13
Acetone
Concen: 22.757 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.02 min
Lab File: VV014199.D
Acq: 27 Dec 2019 18:43

Instrument : MSVOA_V
ClientSampleId : BF6X2

Tgt Ion: 43 Resp: 85549

Ion	Ratio	Lower	Upper
43	100		
58	32.2	0.0	66.0

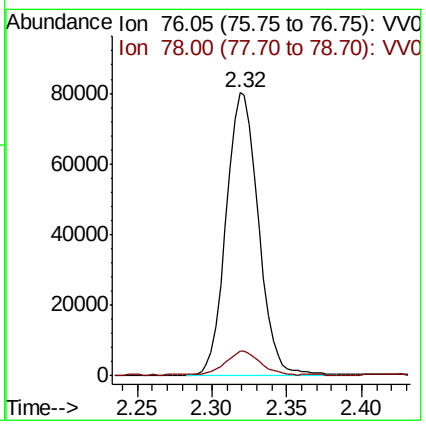


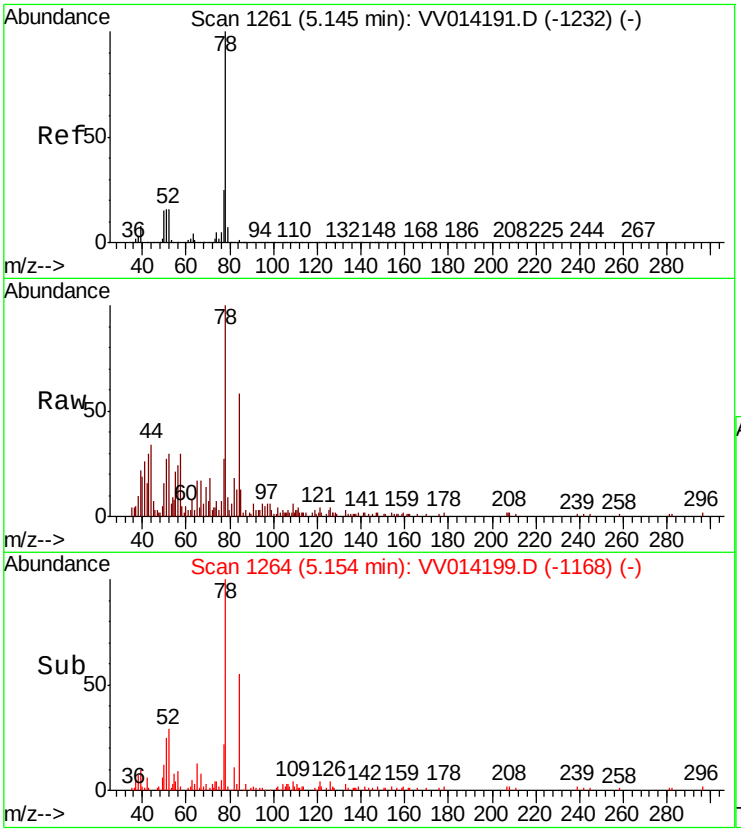


#14
Carbon disulfide
Concen: 1.191 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VV014199.D
Acq: 27 Dec 2019 18:43

Tgt Ion: 76 Resp: 120628

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.5	11.3

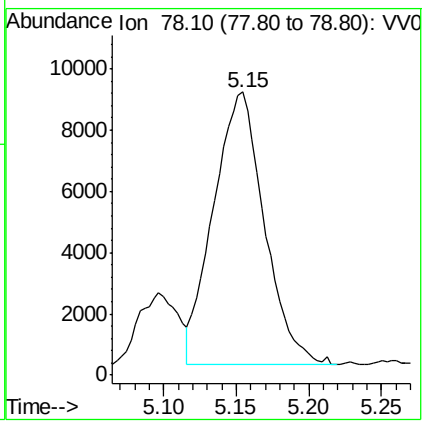


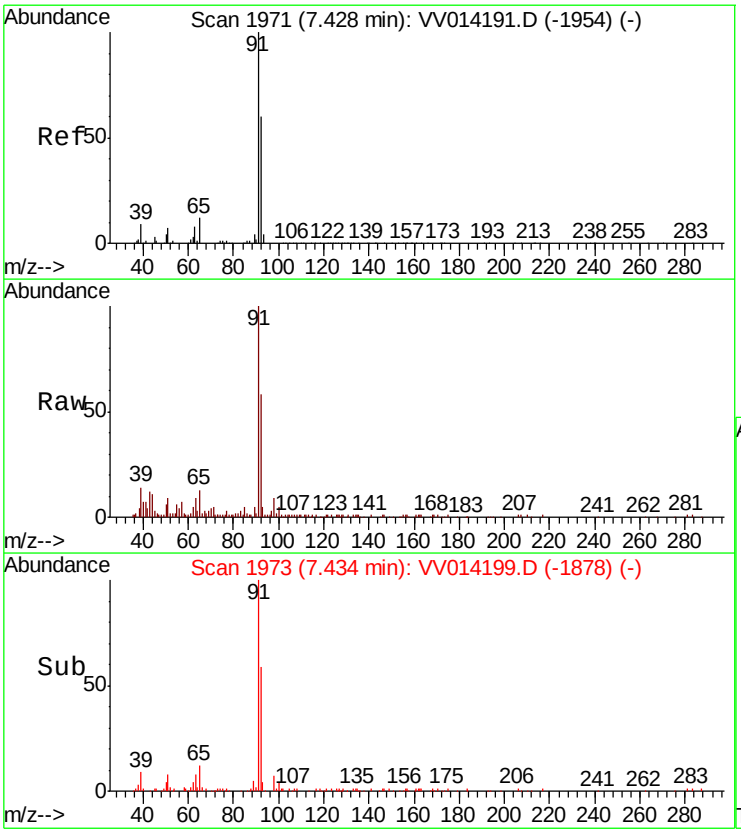


#33
Benzene
Concen: 0.157 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VV014199.D
Acq: 27 Dec 2019 18:43

Instrument :
MSVOA_V
ClientSampleId :
BF6X2

Tgt Ion: 78 Resp: 21753

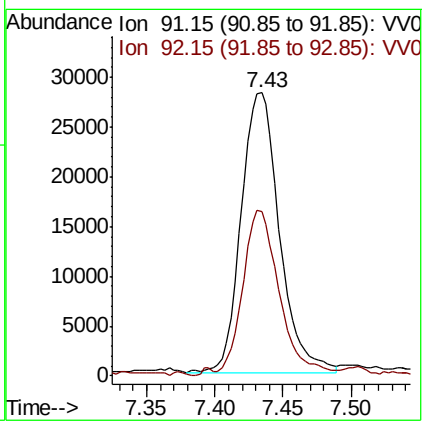


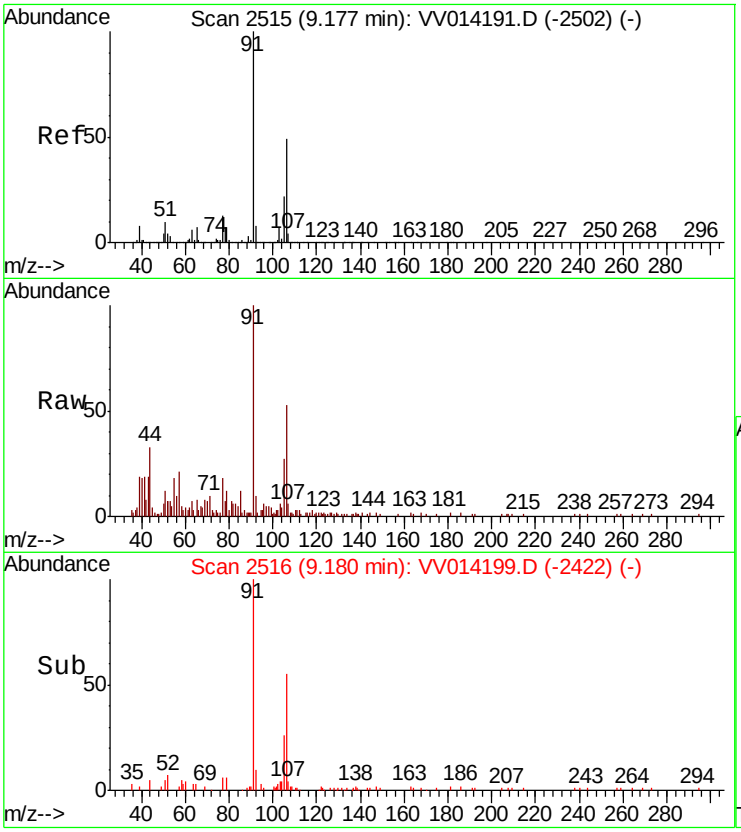


#42
Toluene
Concen: 0.361 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VV014199.D
Acq: 27 Dec 2019 18:43

Tgt Ion: 91 Resp: 55035

Ion	Ratio	Lower	Upper
91	100		
92	58.2	41.2	76.6



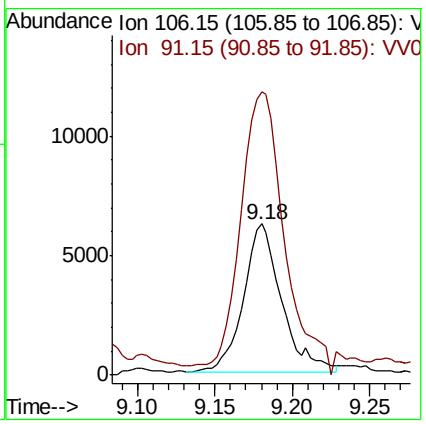


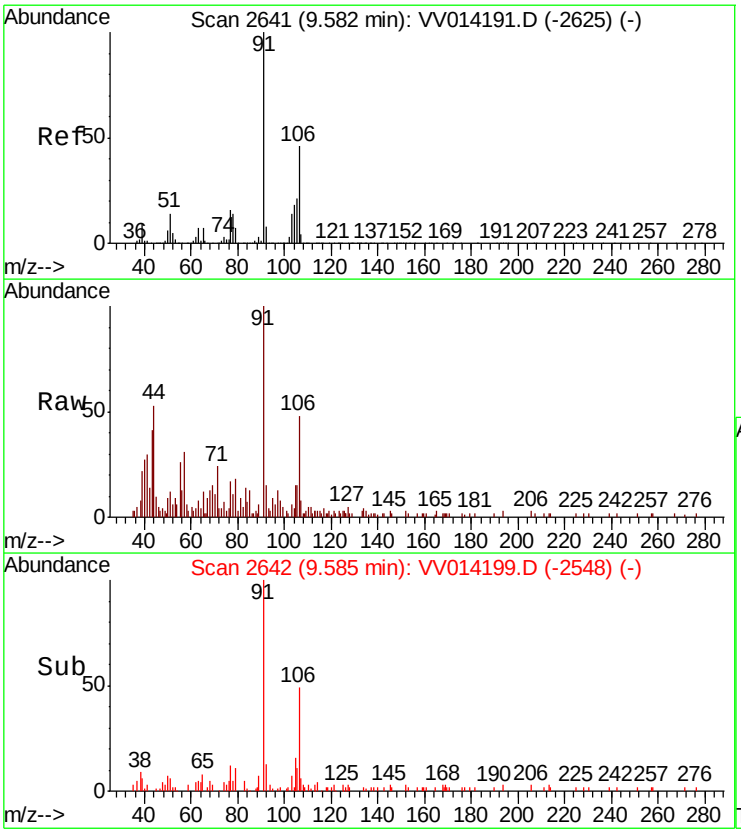
#53
m,p-xylene
Concen: 0.169 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV014199.D
Acq: 27 Dec 2019 18:43

Instrument :
MSVOA_V
ClientSampleId :
BF6X2

Tgt Ion:106 Resp: 10759

Ion	Ratio	Lower	Upper
106	100		
91	187.4	146.8	272.6





#54
o-xylene
Concen: 0.087 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV014199.D
Acq: 27 Dec 2019 18:43

Tgt Ion:106 Resp: 5375

Ion	Ratio	Lower	Upper
106	100		
91	210.4	150.9	280.3