Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012420\
Data File : VV014383.D
Acq On : 24 Jan 2020 12:26
Operator : SY/MD
Sample : L1221-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0B62

Quant Time: Jan 25 00:40:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 25 00:18:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	942409	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	847396	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	373458	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	226921	3.44	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.80%			
7) Chloroethane-d5	1.58	69	203285	3.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.80%			
11) 1,1-Dichloroethene-d2	2.13	63	260863	2.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.60%#			
20) 2-Butanone-d5	3.95	46	664453	41.95	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.90%			
24) Chloroform-d	4.39	84	585441	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%			
26) 1,2-Dichloroethane-d4	5.08	65	283978	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
32) Benzene-d6	5.09	84	1137230	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
36) 1,2-Dichloropropane-d6	6.11	67	383993	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.00%			
41) Toluene-d8	7.35	98	904650	3.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.40%			
43) trans-1,3-Dichloropropene-	7.66	79	141350	4.08	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.60%			
46) 2-Hexanone-d5	8.13	63	759541	51.73	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.46%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	278472	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	332502	4.74	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.80%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	21165	0.300	ug/L	100
13) Acetone	2.22	43	17010	1.559	ug/L	97
16) Methylene chloride	2.53	84	16287	0.238	ug/L	87
33) Benzene	5.15	78	26771	0.103	ug/L	100
42) Toluene	7.43	91	149431	0.542	ug/L	97
52) Ethylbenzene	9.05	91	22034	0.071	ug/L	96
53) m,p-xylene	9.18	106	31985	0.281	ug/L	99
54) o-xylene	9.59	106	10999	0.098	ug/L	79

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

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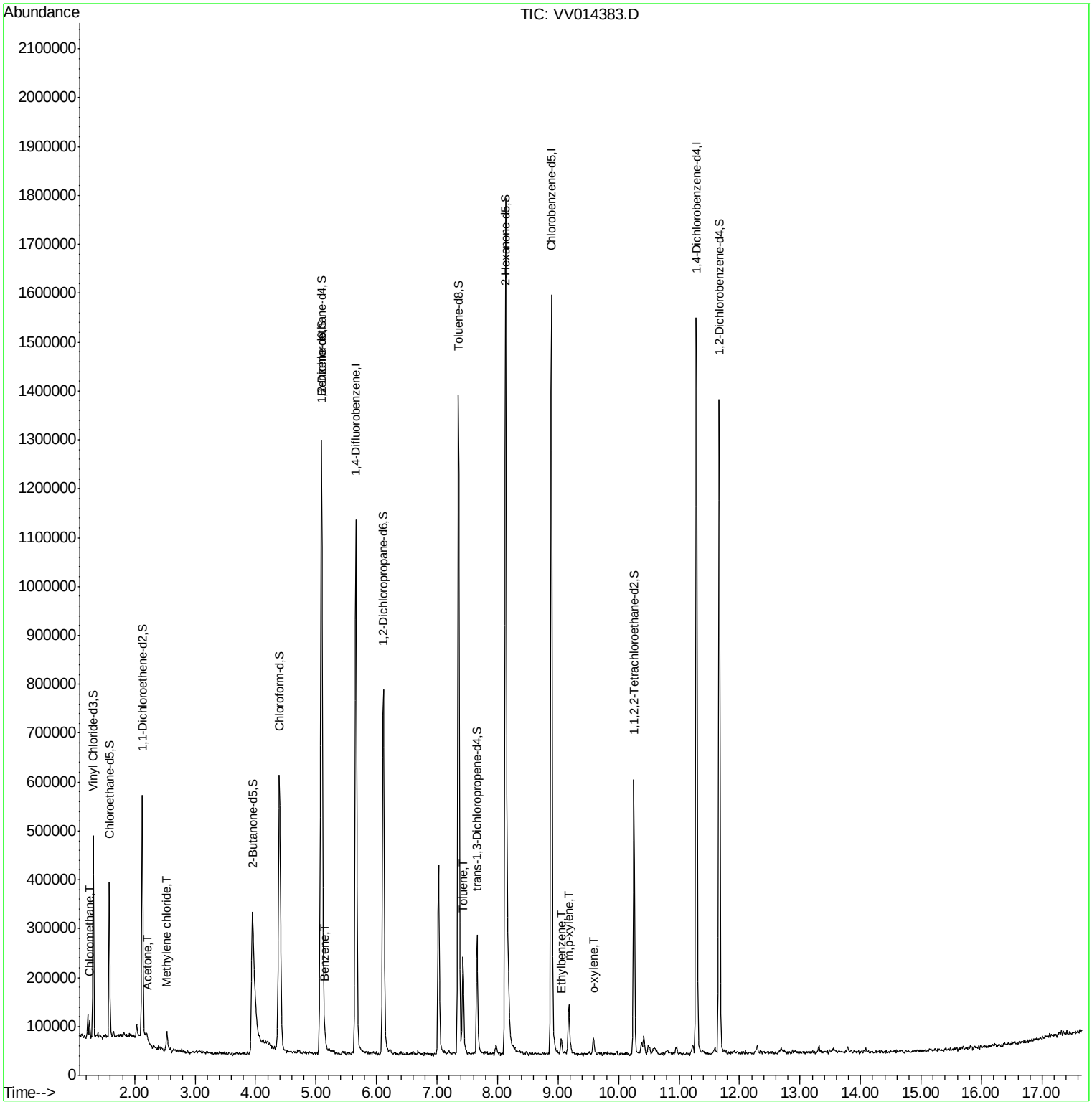
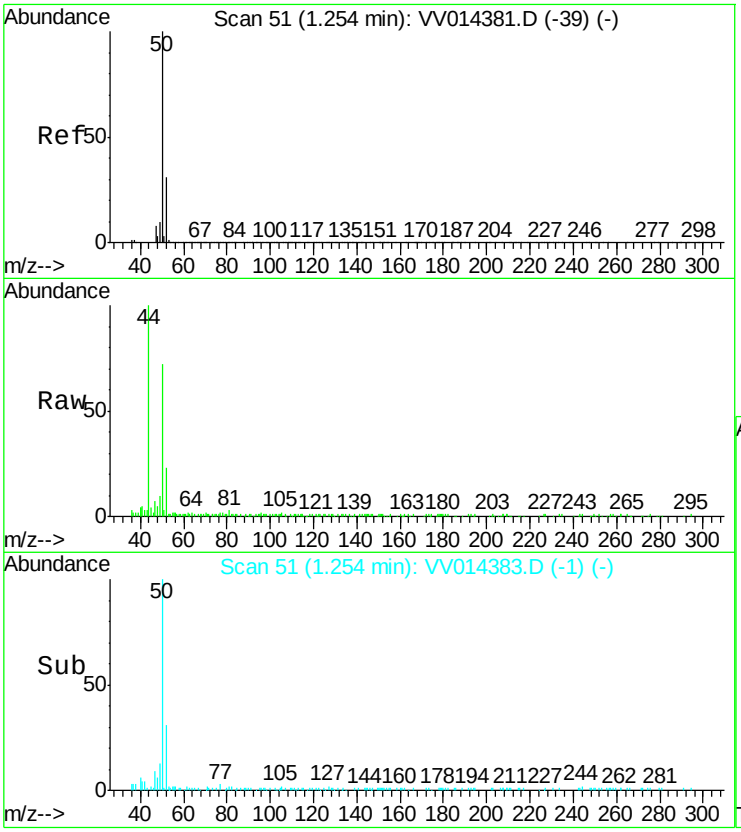
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 25 00:18:39 2020
Response via : Initial Calibration



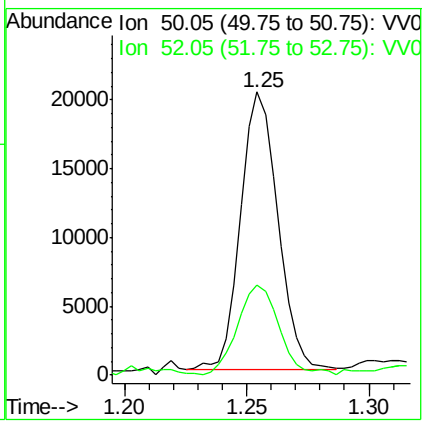


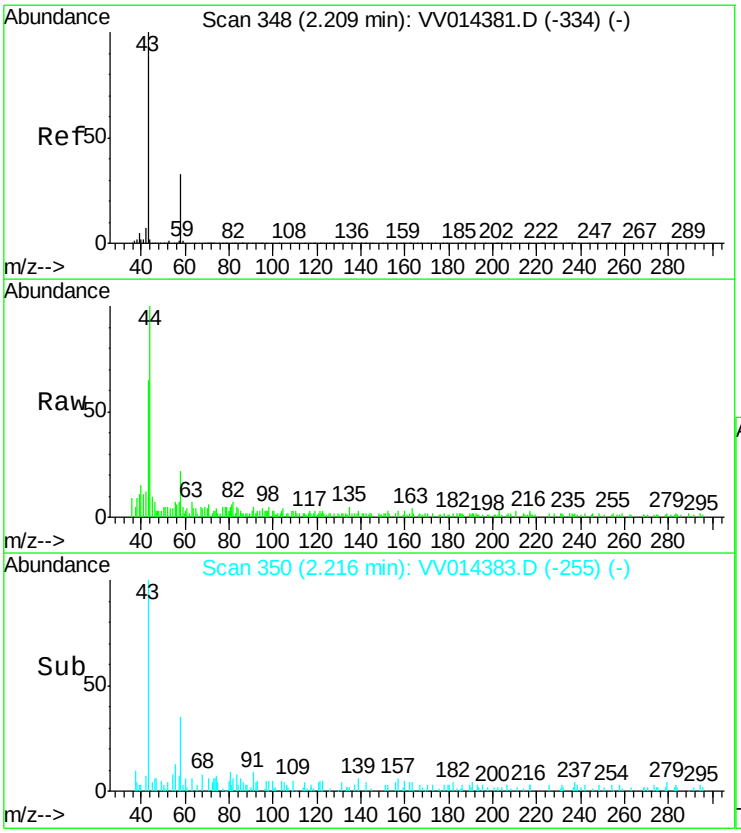
#3
Chloromethane
Concen: 0.300 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV014383.D
Acq: 24 Jan 2020 12:26

Instrument :
MSVOA_V
ClientSampleId :
C0B62

Tgt Ion: 50 Resp: 21165

Ion	Ratio	Lower	Upper
50	100		
52	31.9	22.3	41.3

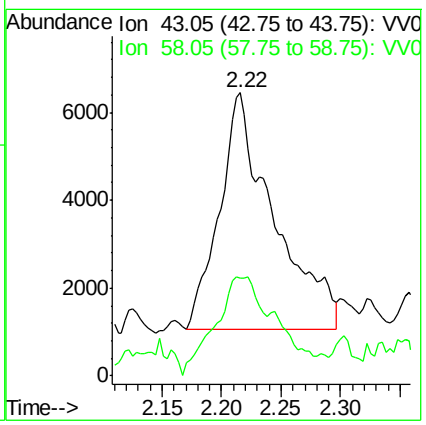


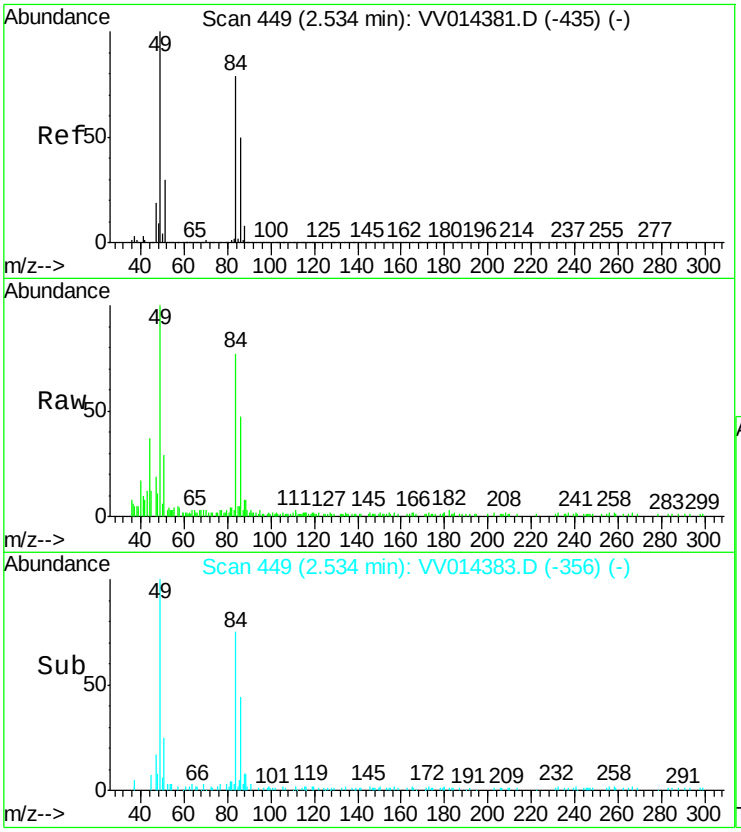


#13
Acetone
Concen: 1.559 ug/L
RT: 2.22 min Scan# 350
Delta R.T. 0.01 min
Lab File: VV014383.D
Acq: 24 Jan 2020 12:26

Tgt Ion: 43 Resp: 17010

Ion	Ratio	Lower	Upper
43	100		
58	34.9	0.0	66.0



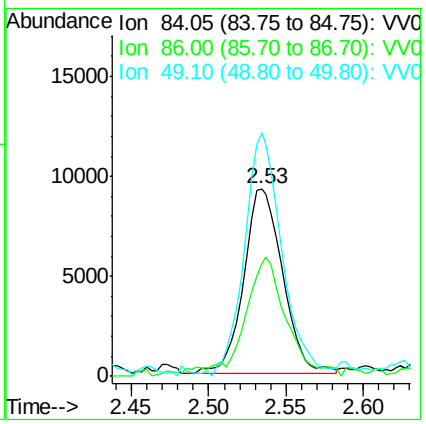


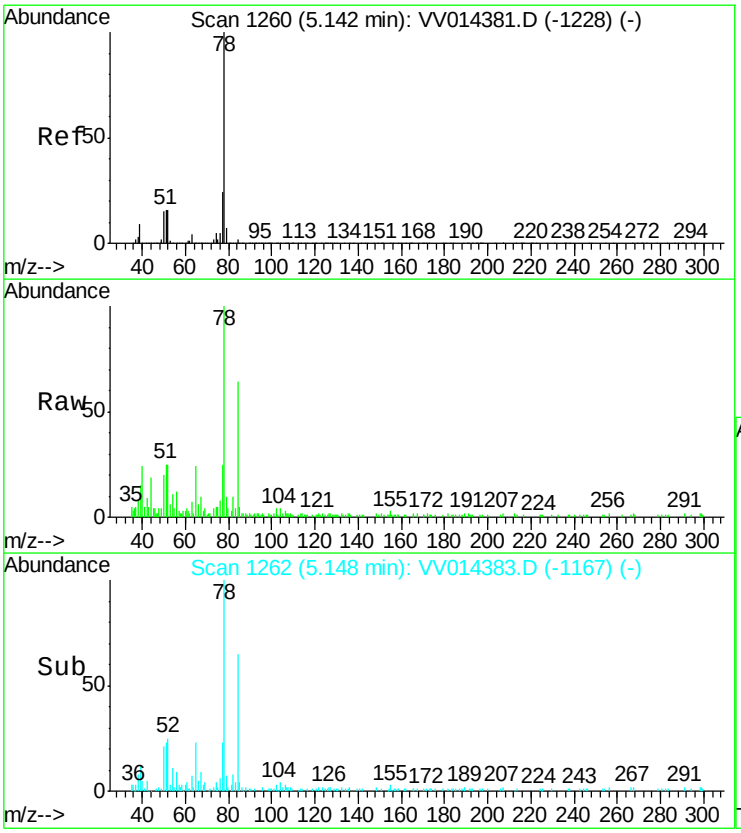
#16
Methylene chloride
Concen: 0.238 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV014383.D
Acq: 24 Jan 2020 12:26

Instrument : MSVOA_V
ClientSampleId : C0B62

Tgt Ion: 84 Resp: 16287

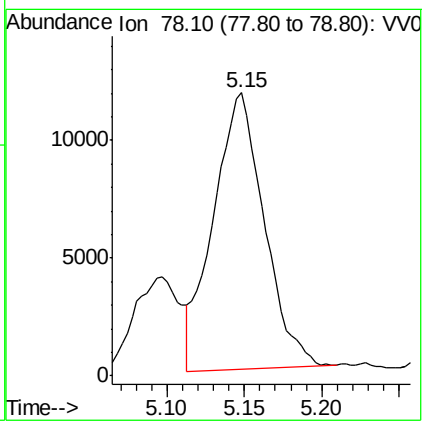
Ion	Ratio	Lower	Upper
84	100		
86	60.5	43.1	80.1
49	137.6	82.1	152.5

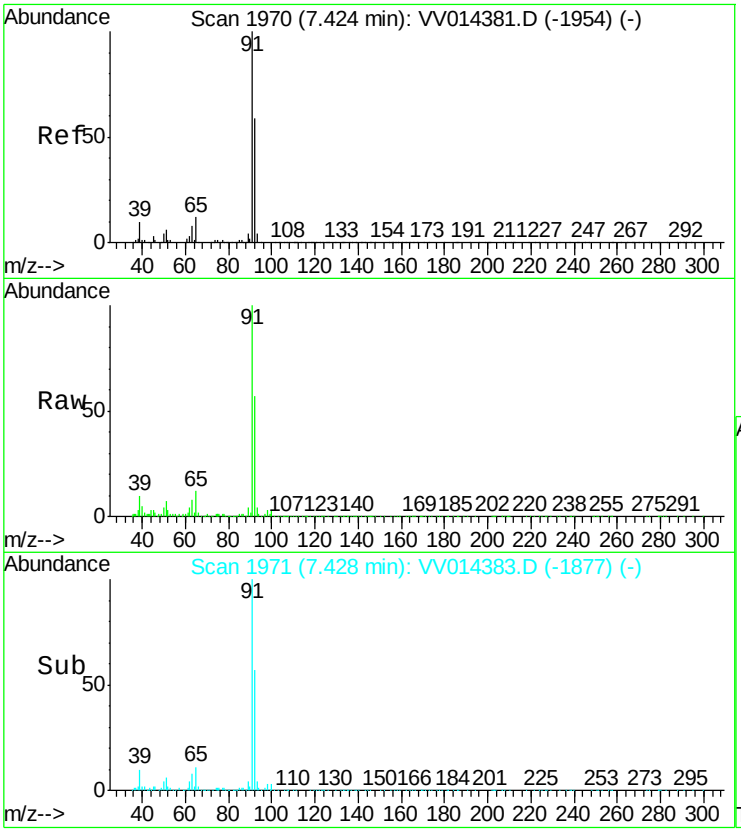




#33
Benzene
Concen: 0.103 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV014383.D
Acq: 24 Jan 2020 12:26

Tgt Ion: 78 Resp: 26771



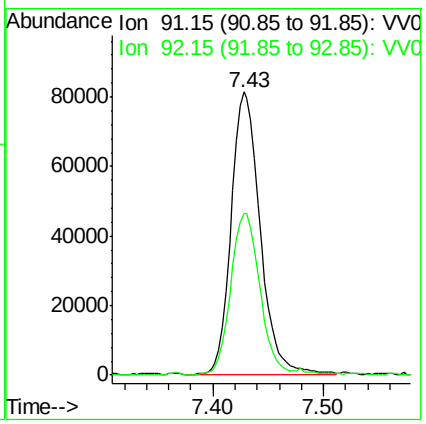


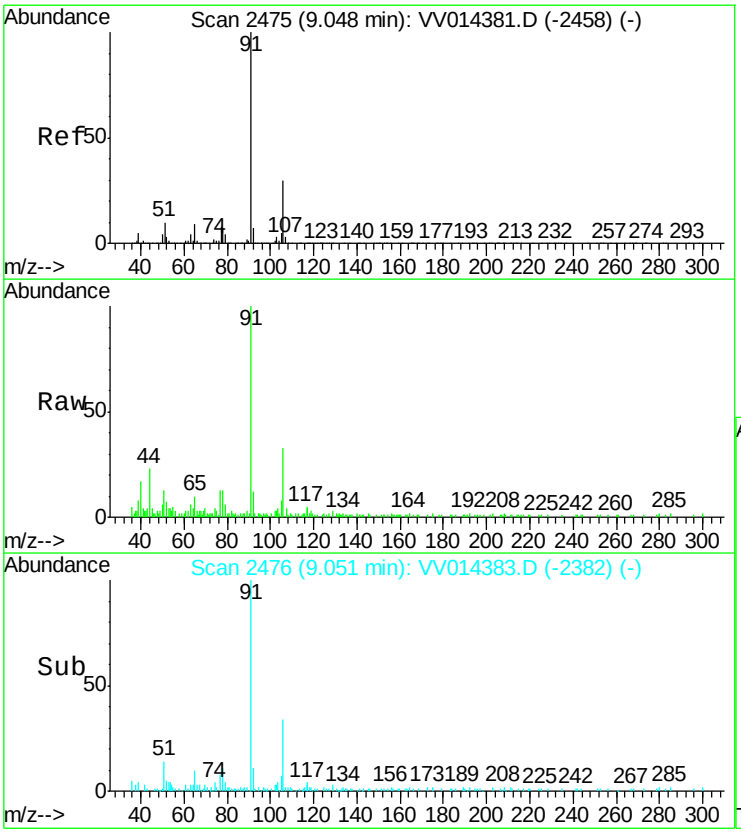
#42
Toluene
Concen: 0.542 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV014383.D
Acq: 24 Jan 2020 12:26

Instrument : MSVOA_V
ClientSampleId : C0B62

Tgt Ion: 91 Resp: 149431

Ion	Ratio	Lower	Upper
91	100		
92	57.0	41.2	76.6

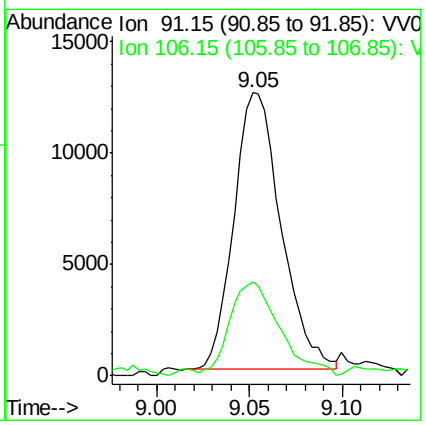


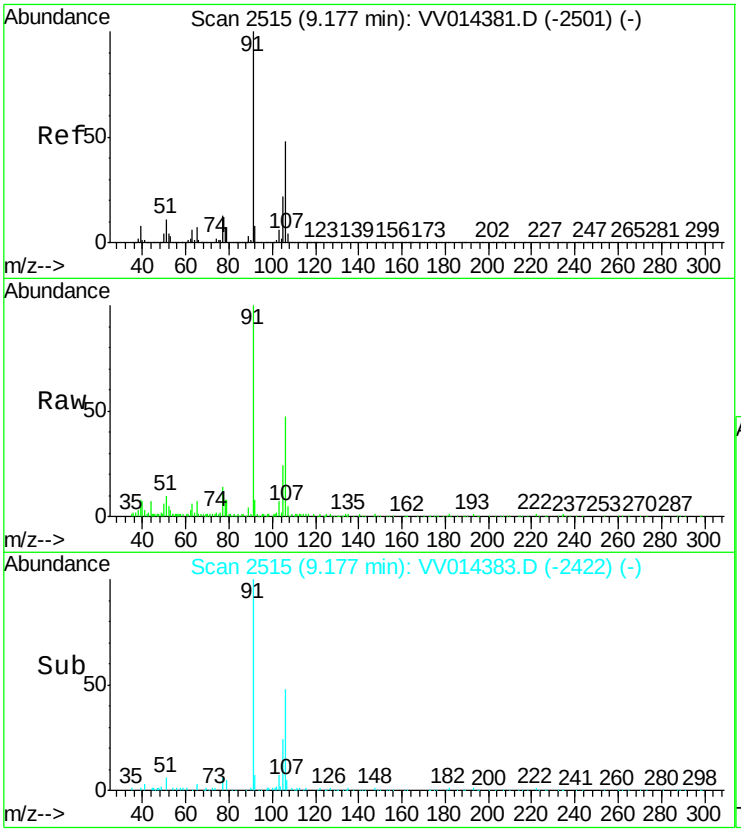


#52
Ethylbenzene
Concen: 0.071 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. 0.00 min
Lab File: VV014383.D
Acq: 24 Jan 2020 12:26

Tgt Ion: 91 Resp: 22034

Ion	Ratio	Lower	Upper
91	100		
106	33.3	21.6	40.0



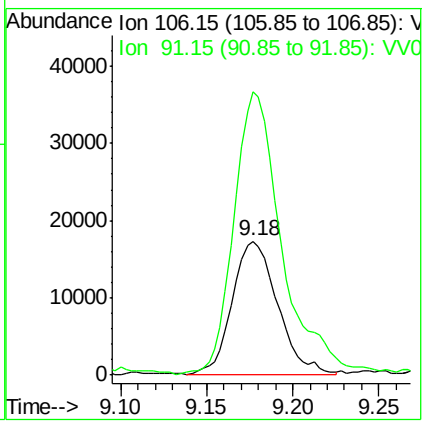


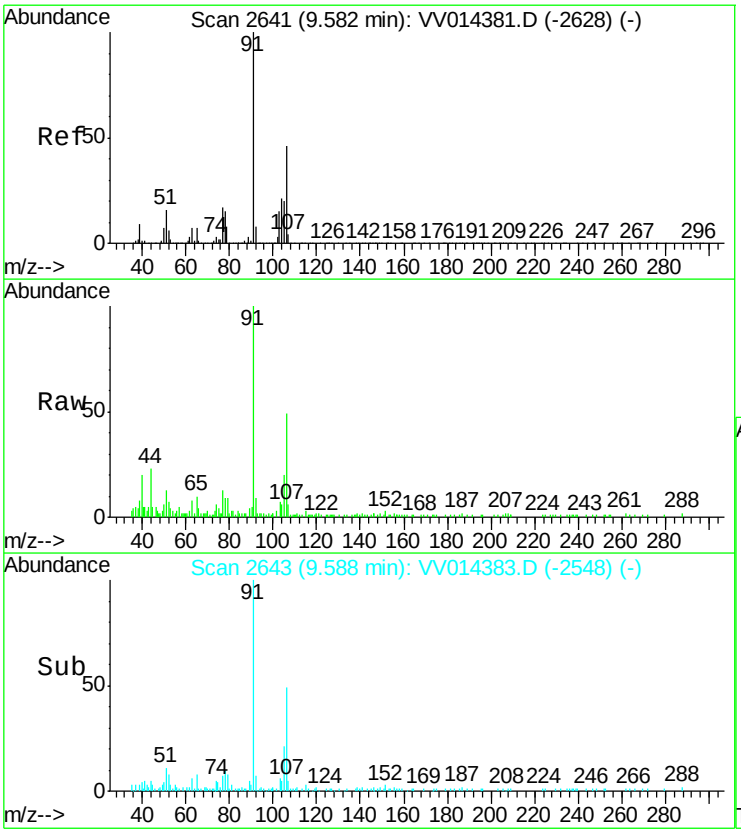
#53
m,p-xylene
Concen: 0.281 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. 0.00 min
Lab File: VV014383.D
Acq: 24 Jan 2020 12:26

Instrument :
MSVOA_V
ClientSampleId :
C0B62

Tgt Ion:106 Resp: 31985

Ion	Ratio	Lower	Upper
106	100		
91	211.3	146.8	272.6





#54
o-xylene
Concen: 0.098 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.01 min
Lab File: VV014383.D
Acq: 24 Jan 2020 12:26

Tgt Ion:106 Resp: 10999

Ion	Ratio	Lower	Upper
106	100		
91	182.7	150.9	280.3