Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030420\
Data File : VV014741.D
Acq On : 04 Mar 2020 18:11
Operator : SY/MD
Sample : L1782-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AD2

Quant Time: Mar 05 07:45:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Mar 05 06:28:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	253094	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	239496	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	117160	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	73442	3.71	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.20%			
7) Chloroethane-d5	1.58	69	64351	4.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.00%			
11) 1,1-Dichloroethene-d2	2.13	63	100800	2.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.80%#			
20) 2-Butanone-d5	3.97	46	203639	49.72	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.44%			
24) Chloroform-d	4.40	84	156703	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
26) 1,2-Dichloroethane-d4	5.08	65	84536	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
32) Benzene-d6	5.10	84	321257	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
36) 1,2-Dichloropropane-d6	6.11	67	102518	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.40%			
41) Toluene-d8	7.36	98	281268	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.60%			
43) trans-1,3-Dichloropropene-	7.66	79	36261	4.32	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.40%			
46) 2-Hexanone-d5	8.14	63	136585	40.18	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.36%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	74730	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	105782	4.86	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.20%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	3412	0.133	ug/L	91
16) Methylene chloride	2.54	84	2649	0.133	ug/L	92
25) Chloroform	4.42	83	37721	1.019	ug/L	96
33) Benzene	5.15	78	13532	0.172	ug/L	100
42) Toluene	7.43	91	62369	0.749	ug/L	100
52) Ethylbenzene	9.05	91	9000	0.095	ug/L	98
53) m,p-xylene	9.18	106	14030	0.406	ug/L	95
54) o-xylene	9.59	106	8811	0.262	ug/L	88

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

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Quant Title : TRACE VOA SOM01.0
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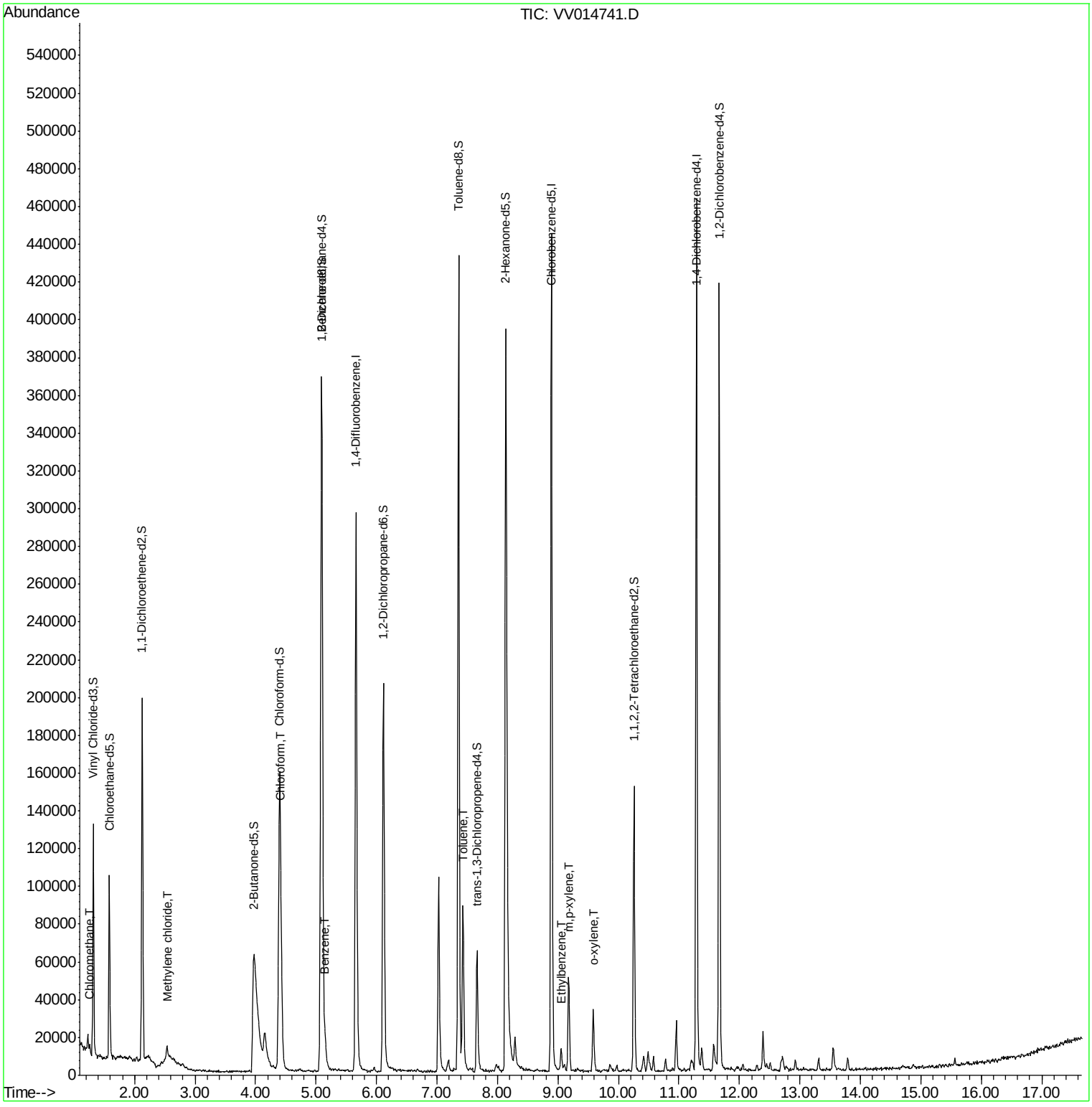
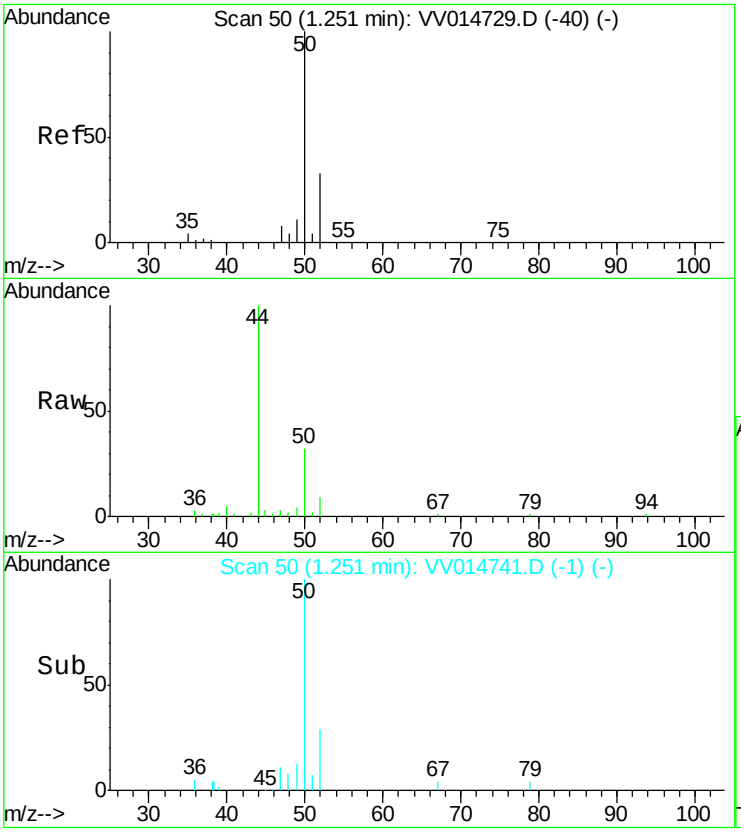


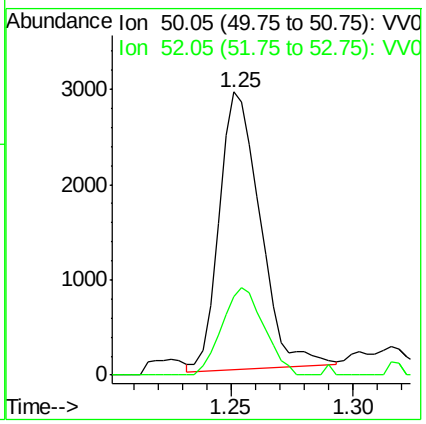


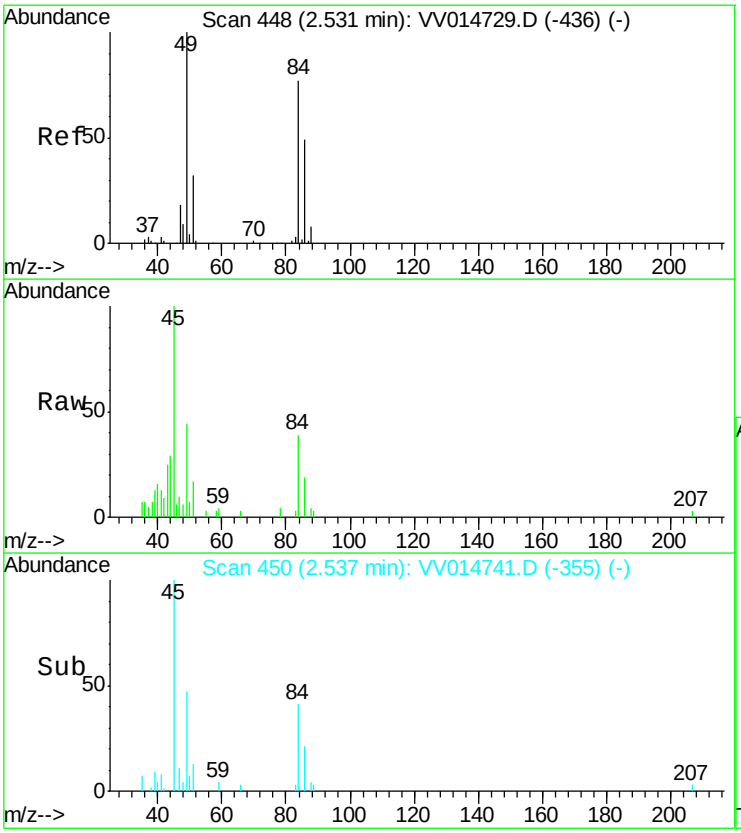
#3
Chloromethane
Concen: 0.133 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV014741.D
Acq: 04 Mar 2020 18:11

Instrument :
MSVOA_V
ClientSampleId :
C0AD2

Tgt Ion: 50 Resp: 3412

Ion	Ratio	Lower	Upper
50	100		
52	27.6	22.9	42.5

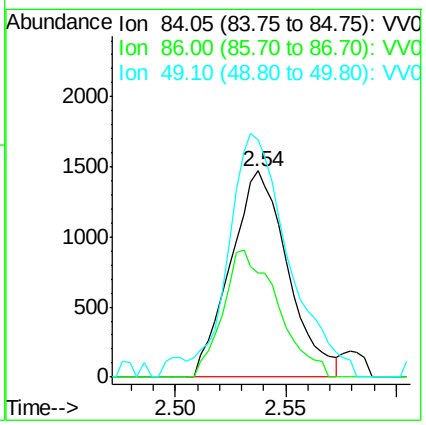


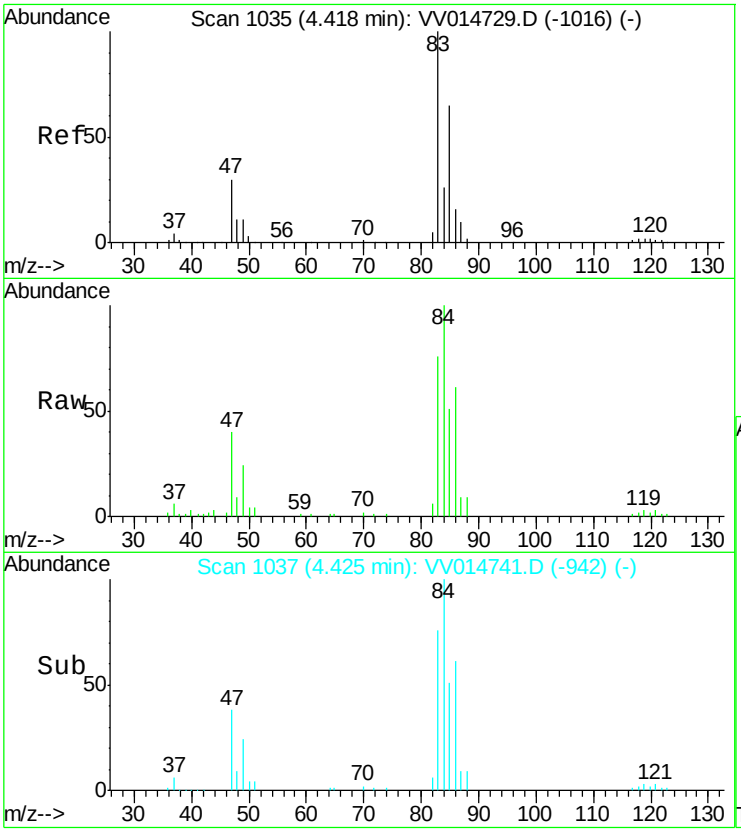


#16
Methylene chloride
Concen: 0.133 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV014741.D
Acq: 04 Mar 2020 18:11

Tgt Ion: 84 Resp: 2649

Ion	Ratio	Lower	Upper
84	100		
86	50.3	44.9	83.5
49	132.6	95.6	177.6



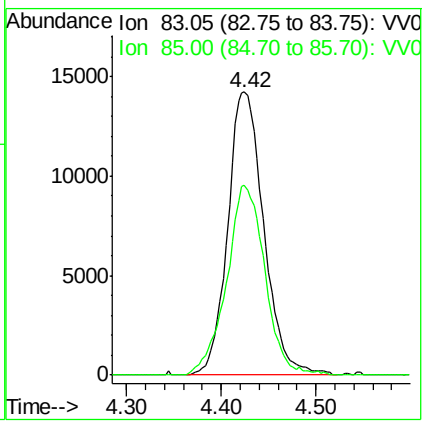


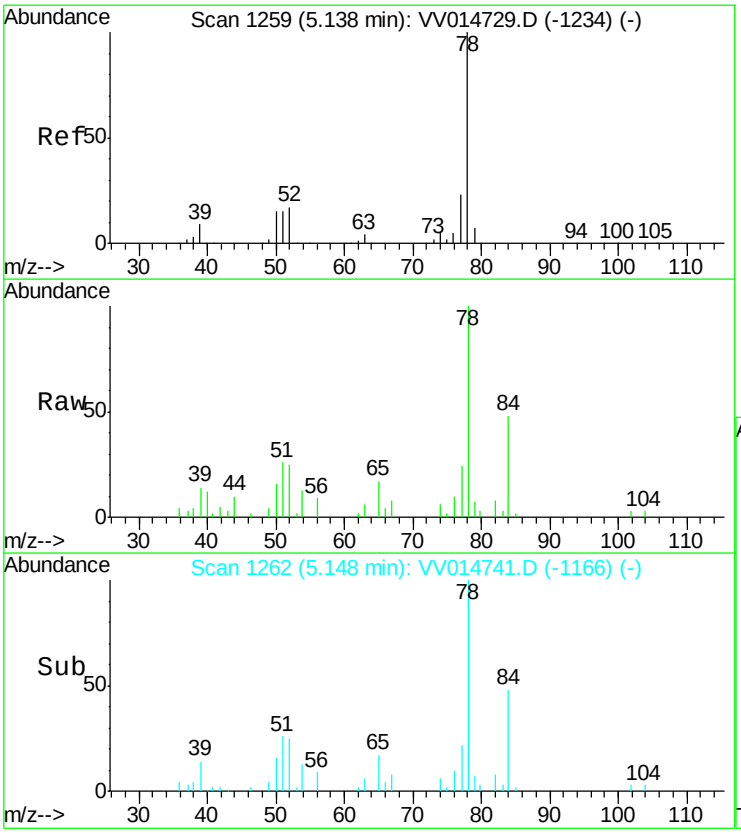
#25
Chloroform
Concen: 1.019 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV014741.D
Acq: 04 Mar 2020 18:11

Instrument :
MSVOA_V
ClientSampleId :
C0AD2

Tgt Ion: 83 Resp: 37721

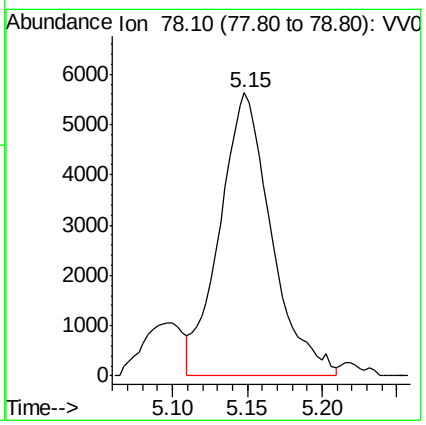
Ion	Ratio	Lower	Upper
83	100		
85	67.1	44.7	83.1

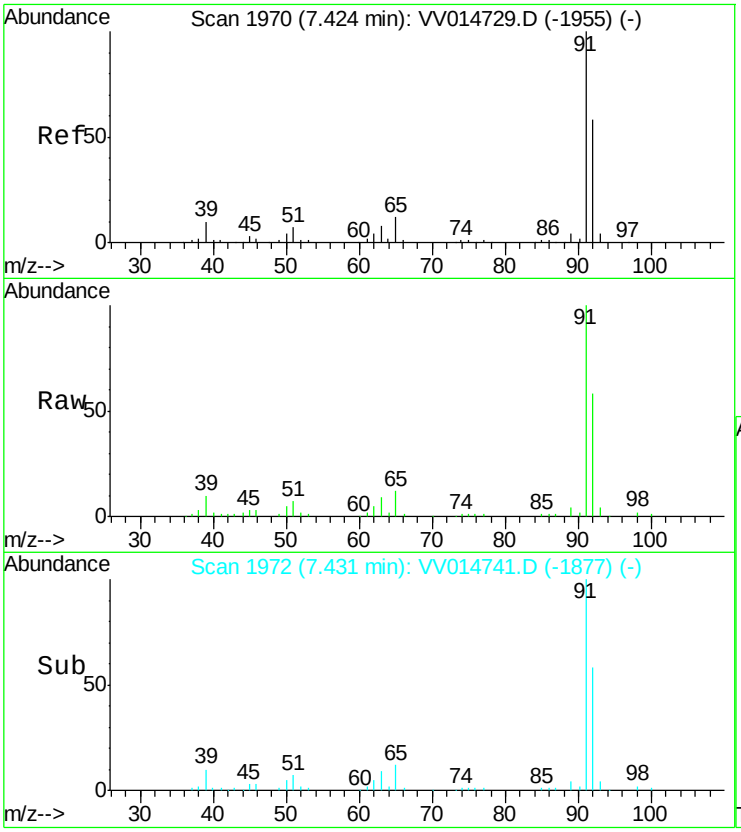




#33
Benzene
Concen: 0.172 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV014741.D
Acq: 04 Mar 2020 18:11

Tgt Ion: 78 Resp: 13532



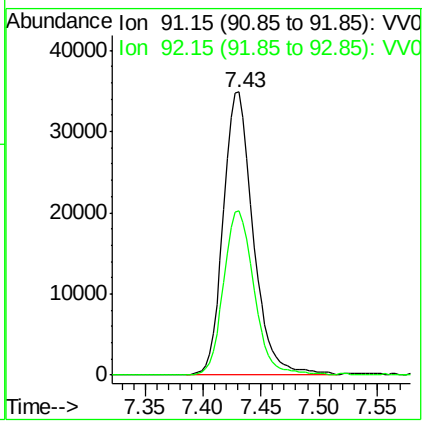


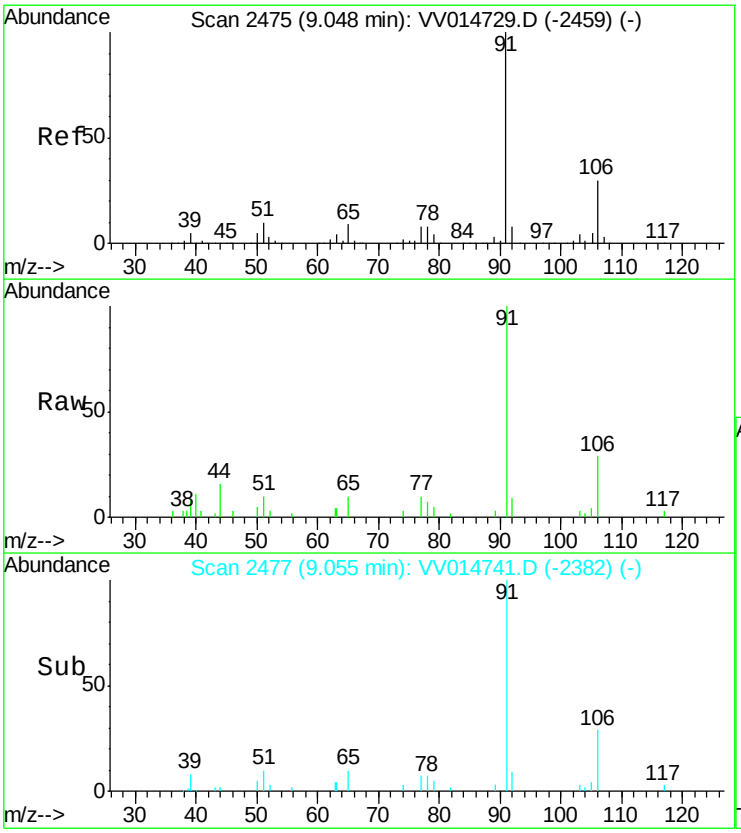
#42
Toluene
Concen: 0.749 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.01 min
Lab File: VV014741.D
Acq: 04 Mar 2020 18:11

Instrument : MSVOA_V
ClientSampleId : C0AD2

Tgt Ion: 91 Resp: 62369

Ion	Ratio	Lower	Upper
91	100		
92	57.8	40.3	74.9

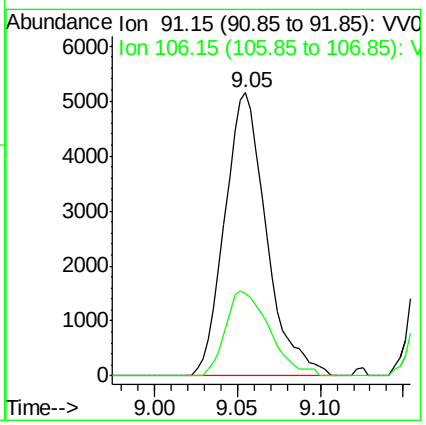


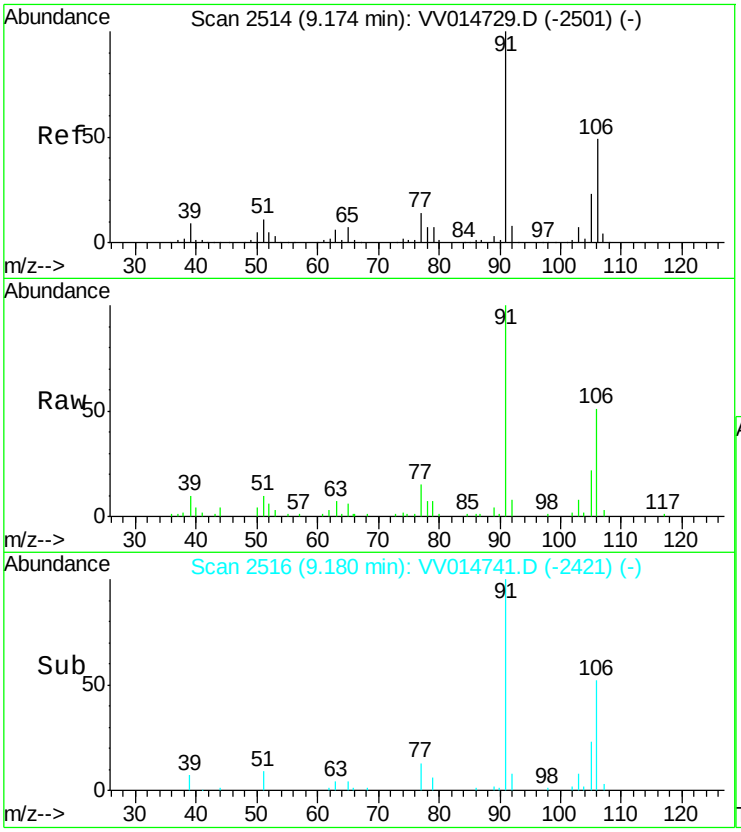


#52
Ethylbenzene
Concen: 0.095 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.01 min
Lab File: VV014741.D
Acq: 04 Mar 2020 18:11

Tgt Ion: 91 Resp: 9000

Ion	Ratio	Lower	Upper
91	100		
106	29.1	21.1	39.1



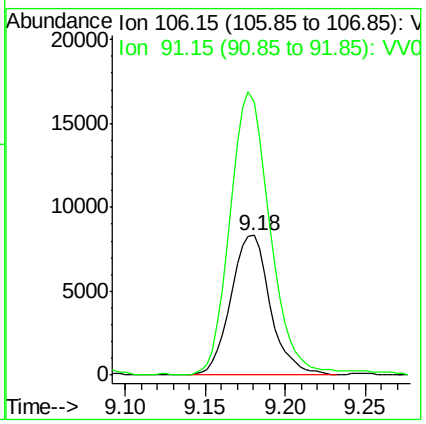


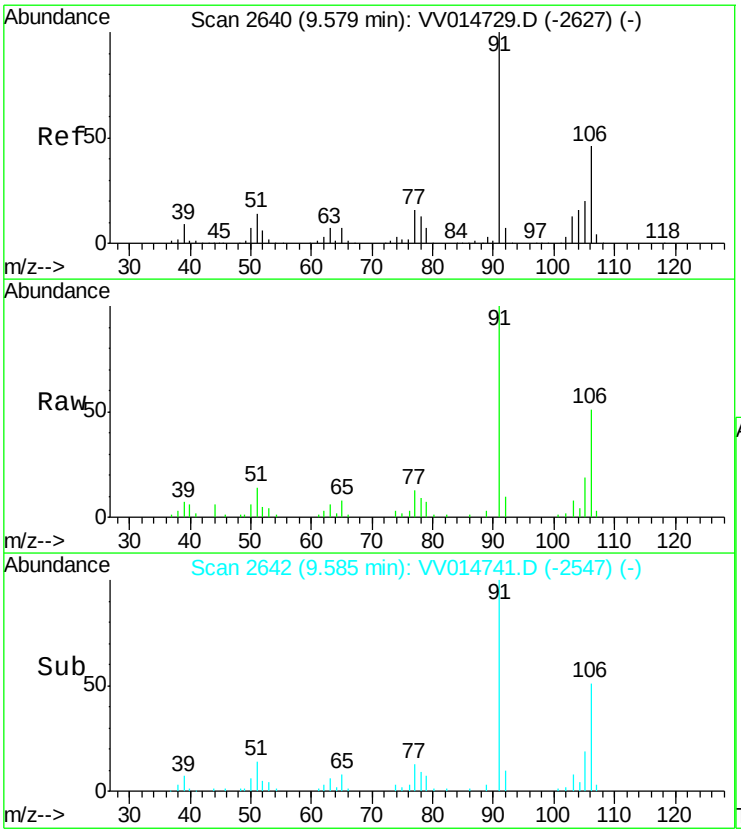
#53
m,p-xylene
Concen: 0.406 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.01 min
Lab File: VV014741.D
Acq: 04 Mar 2020 18:11

Instrument : MSVOA_V
ClientSampleId : C0AD2

Tgt Ion:106 Resp: 14030

Ion	Ratio	Lower	Upper
106	100		
91	195.4	142.5	264.6





#54
o-xylene
Concen: 0.262 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.01 min
Lab File: VV014741.D
Acq: 04 Mar 2020 18:11

Tgt Ion:106 Resp: 8811

Ion	Ratio	Lower	Upper
106	100		
91	197.1	150.9	280.3