Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012320\
Data File : VV014375.D
Acq On : 23 Jan 2020 12:58
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 23 16:33:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 23 16:23:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	902920	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	814071	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	360929	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	244936	3.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.60%			
7) Chloroethane-d5	1.58	69	207607	4.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.00%			
11) 1,1-Dichloroethene-d2	2.13	63	284822	3.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.20%			
20) 2-Butanone-d5	3.95	46	685917	45.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.40%			
24) Chloroform-d	4.40	84	599671	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	5.08	65	293983	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	5.09	84	1190708	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
36) 1,2-Dichloropropane-d6	6.11	67	396277	5.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.20%			
41) Toluene-d8	7.35	98	983295	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.60%			
43) trans-1,3-Dichloropropene-	7.66	79	149380	4.48	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.60%			
46) 2-Hexanone-d5	8.13	63	761088	53.95	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.90%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	279342	5.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	340525	5.03	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.60%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	27336	0.404	ug/L	96
13) Acetone	2.21	43	21589	2.066	ug/L	63
16) Methylene chloride	2.54	84	18769	0.286	ug/L	97
33) Benzene	5.14	78	27313	0.109	ug/L	100
42) Toluene	7.43	91	128080	0.484	ug/L	95
52) Ethylbenzene	9.05	91	24885	0.084	ug/L	99
53) m,p-xylene	9.18	106	19530	0.179	ug/L	91
54) o-xylene	9.58	106	10297	0.096	ug/L	83

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

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Quant Time: Jan 23 16:33:52 2020
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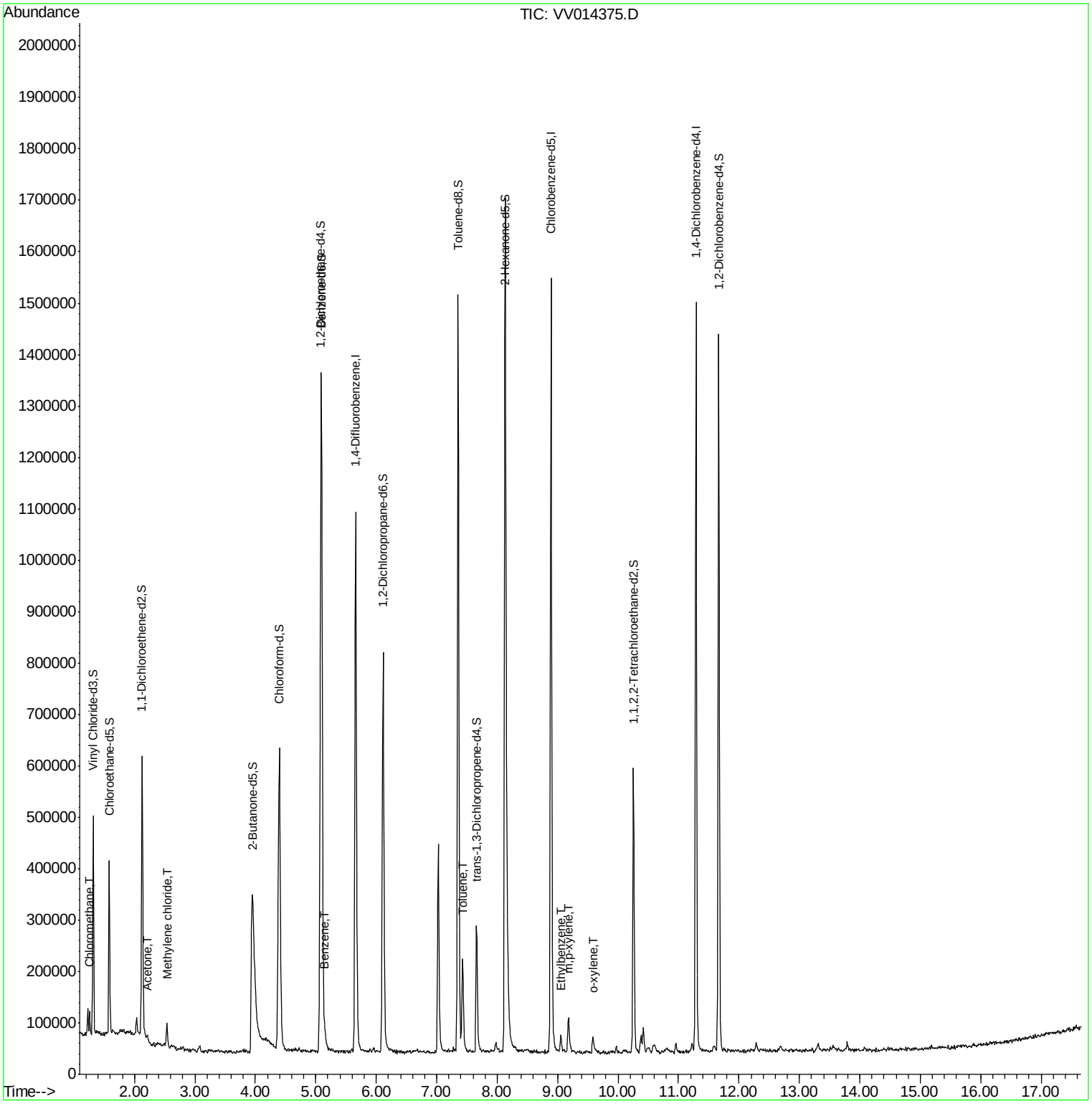
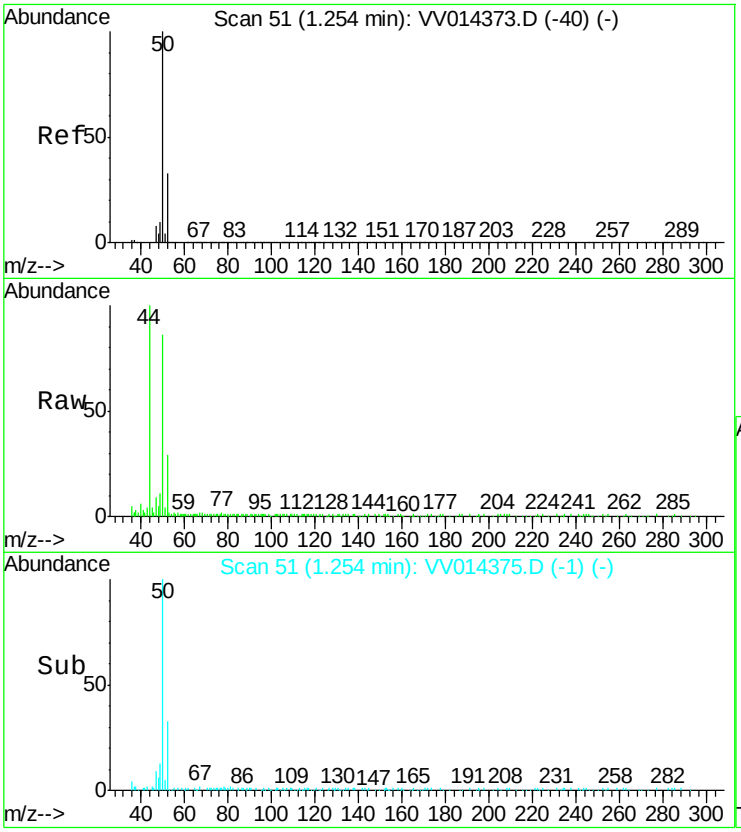
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 23 16:23:55 2020
Response via : Initial Calibration



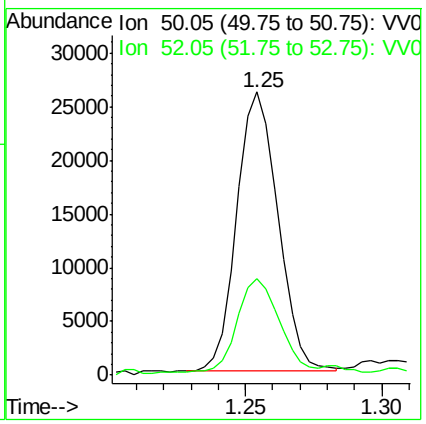


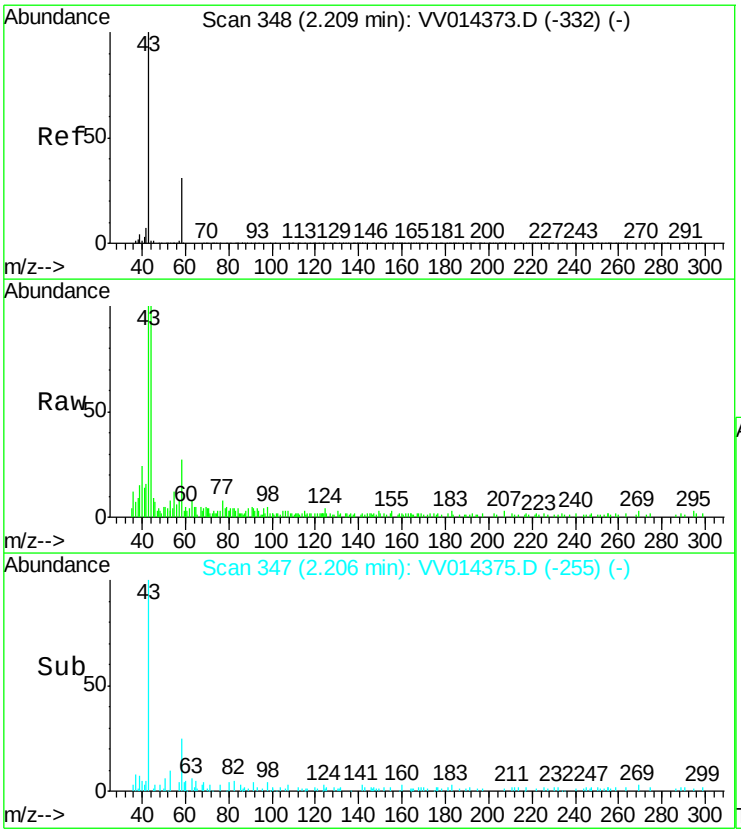
#3
Chloromethane
Concen: 0.404 ug/L
RT: 1.25 min Scan# 51
Delta R.T. -0.00 min
Lab File: VV014375.D
Acq: 23 Jan 2020 12:58

Instrument :
MSVOA_V
ClientSampleId :
C0B62

Tgt Ion: 50 Resp: 27336

Ion	Ratio	Lower	Upper
50	100		
52	33.9	22.3	41.3

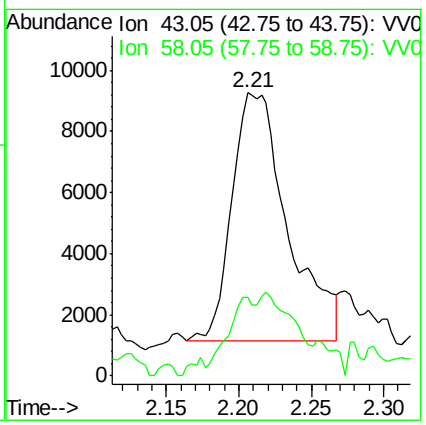


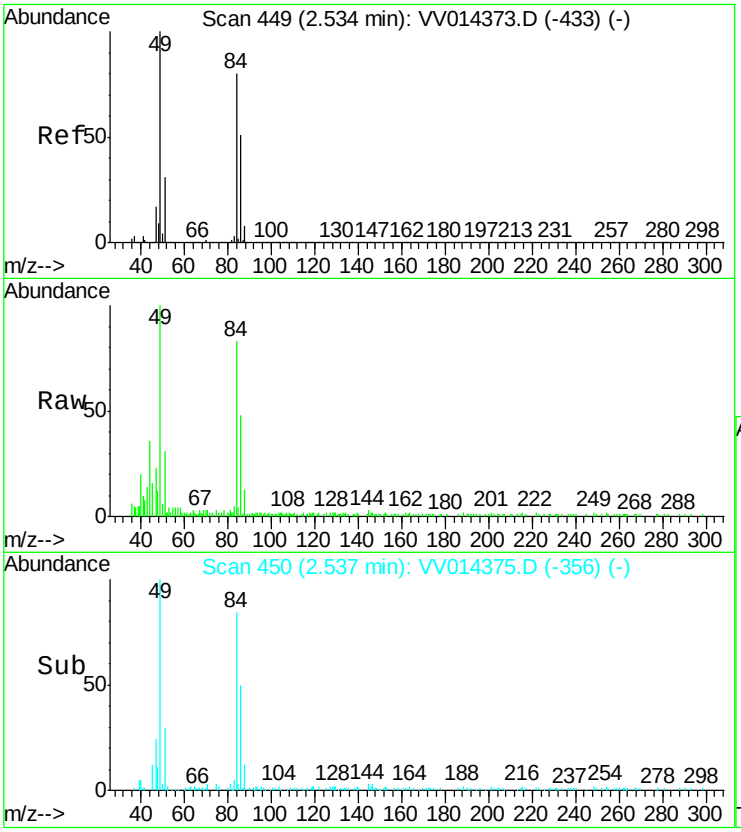


#13
Acetone
Concen: 2.066 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.00 min
Lab File: VV014375.D
Acq: 23 Jan 2020 12:58

Tgt Ion: 43 Resp: 21589

Ion	Ratio	Lower	Upper
43	100		
58	12.0	0.0	66.0



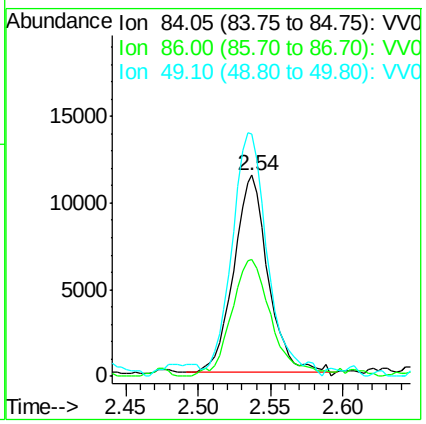


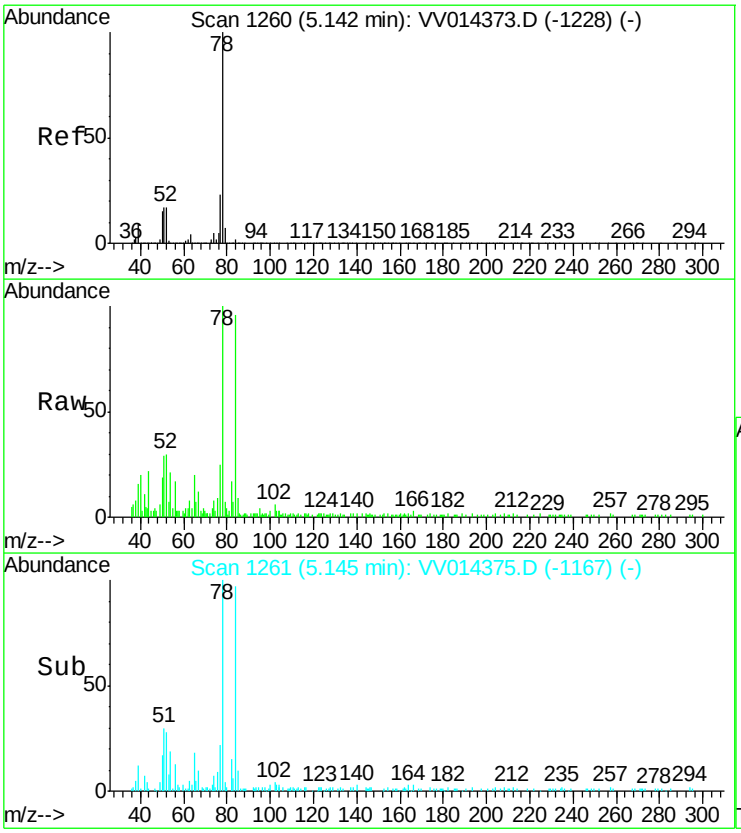
#16
Methylene chloride
Concen: 0.286 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV014375.D
Acq: 23 Jan 2020 12:58

Instrument :
MSVOA_V
ClientSampleId :
C0B62

Tgt Ion: 84 Resp: 18769

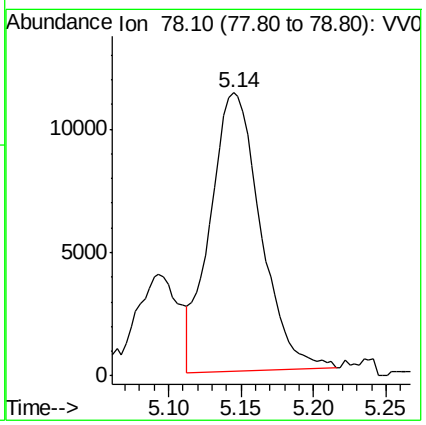
Ion	Ratio	Lower	Upper
84	100		
86	58.1	43.1	80.1
49	120.2	82.1	152.5

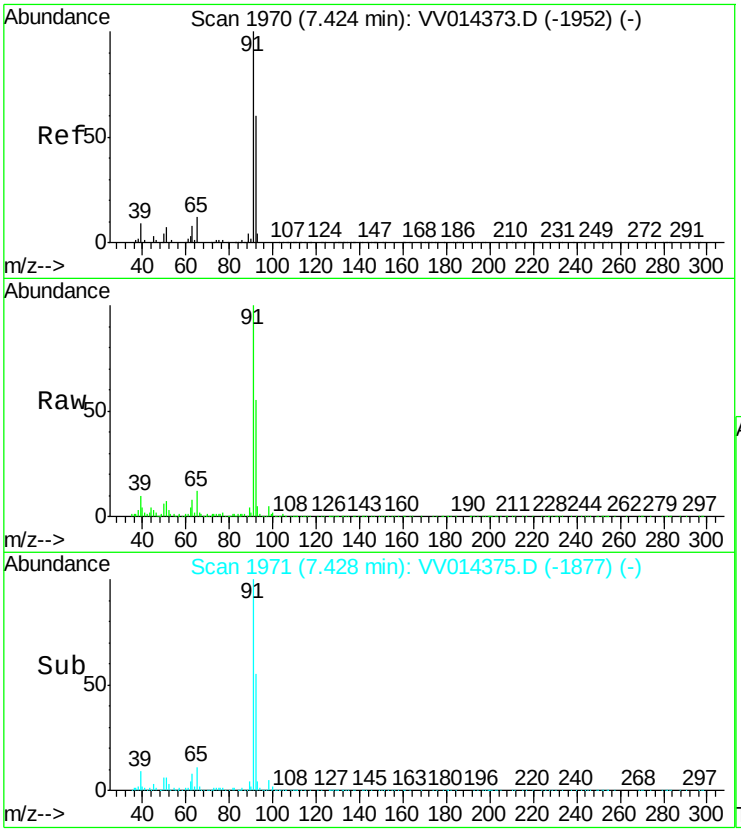




#33
Benzene
Concen: 0.109 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV014375.D
Acq: 23 Jan 2020 12:58

Tgt Ion: 78 Resp: 27313



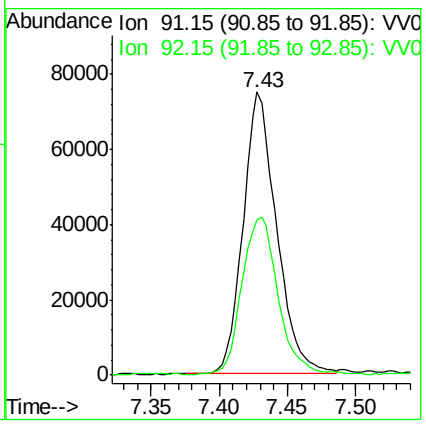


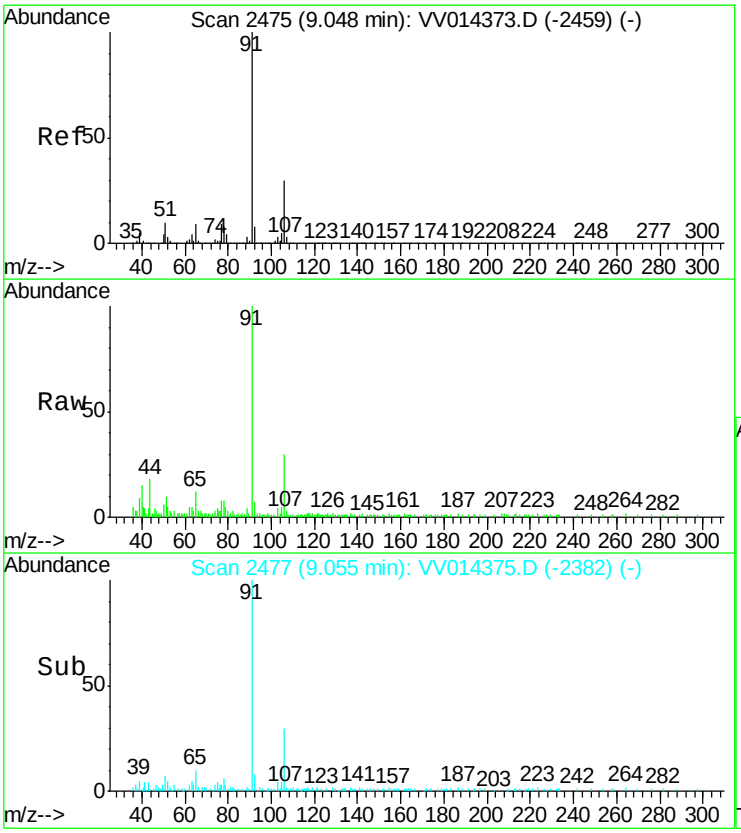
#42
Toluene
Concen: 0.484 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV014375.D
Acq: 23 Jan 2020 12:58

Instrument : MSVOA_V
ClientSampleId : C0B62

Tgt Ion: 91 Resp: 128080

Ion	Ratio	Lower	Upper
91	100		
92	54.9	41.2	76.6

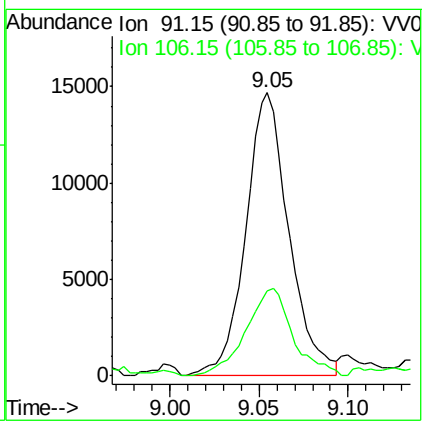


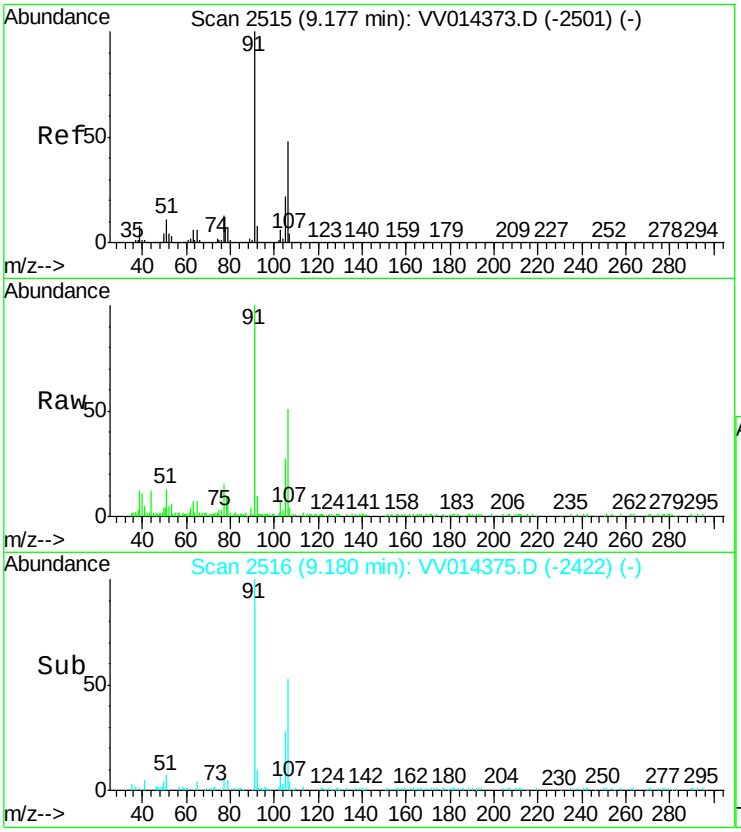


#52
Ethylbenzene
Concen: 0.084 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.01 min
Lab File: VV014375.D
Acq: 23 Jan 2020 12:58

Tgt Ion: 91 Resp: 24885

Ion	Ratio	Lower	Upper
91	100		
106	30.2	21.6	40.0



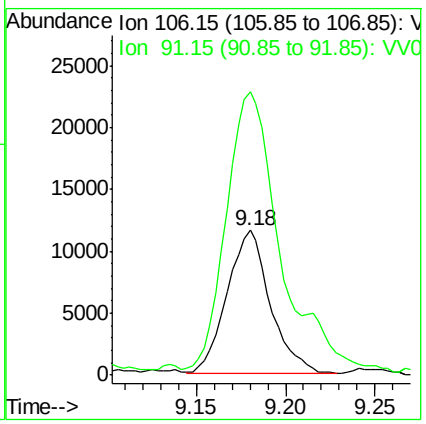


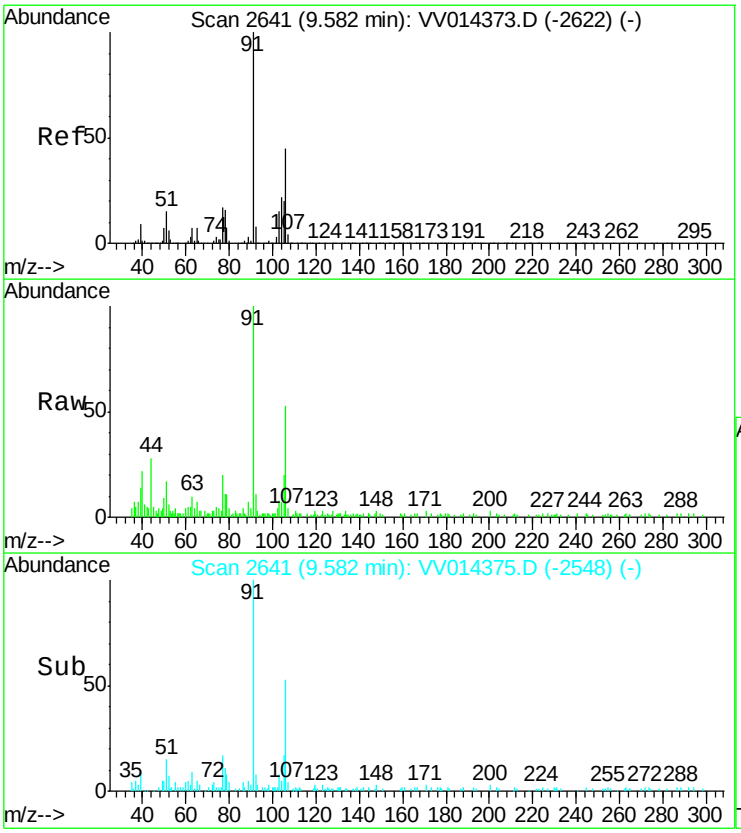
#53
m,p-xylene
Concen: 0.179 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV014375.D
Acq: 23 Jan 2020 12:58

Instrument : MSVOA_V
ClientSampleId : C0B62

Tgt Ion:106 Resp: 19530

Ion	Ratio	Lower	Upper
106	100		
91	195.3	146.8	272.6





#54
o-xylene
Concen: 0.096 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV014375.D
Acq: 23 Jan 2020 12:58

Tgt Ion:106 Resp: 10297

Ion	Ratio	Lower	Upper
106	100		
91	188.1	150.9	280.3