Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035748.D
Acq On : 18 Nov 2019 17:10
Operator : JC/SP
Sample : K5911-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK7

Quant Time: Nov 19 02:50:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 00:32:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	204860	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	244597	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	103714	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	87244	4.14	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.80%			
7) Chloroethane-d5	1.93	69	84024	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.40%			
11) 1,1-Dichloroethene-d2	2.60	63	113005	3.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.60%			
20) 2-Butanone-d5	4.70	46	234199	50.30	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.60%			
24) Chloroform-d	5.11	84	155612	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.75	65	91534	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.60%			
32) Benzene-d6	5.77	84	325778	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.60%			
36) 1,2-Dichloropropane-d6	6.74	67	113815	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.40%			
41) Toluene-d8	7.93	98	266078	3.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.00%			
43) trans-1,3-Dichloropropene-	8.22	79	38916	3.91	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.20%			
46) 2-Hexanone-d5	8.70	63	173708	44.58	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.16%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	98112	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.00%			
64) 1,2-Dichlorobenzene-d4	12.22	152	94647	4.60	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.00%			
Target Compounds						Qvalue
3) Chloromethane	1.54	50	10567	0.416	ug/L	97
6) Bromomethane	1.88	94	4871	0.328	ug/L	99
13) Acetone	2.67	43	10519	3.134	ug/L	92
14) Carbon disulfide	2.82	76	29095	0.498	ug/L #	91
33) Benzene	5.82	78	11381	0.132	ug/L	100
42) Toluene	8.01	91	35067	0.387	ug/L	99
52) Ethylbenzene	9.60	91	12554	0.132	ug/L	100
53) m,p-Xylene	9.73	106	5188	0.144	ug/L	100
54) o-Xylene	10.13	106	2318	0.066	ug/L	71

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

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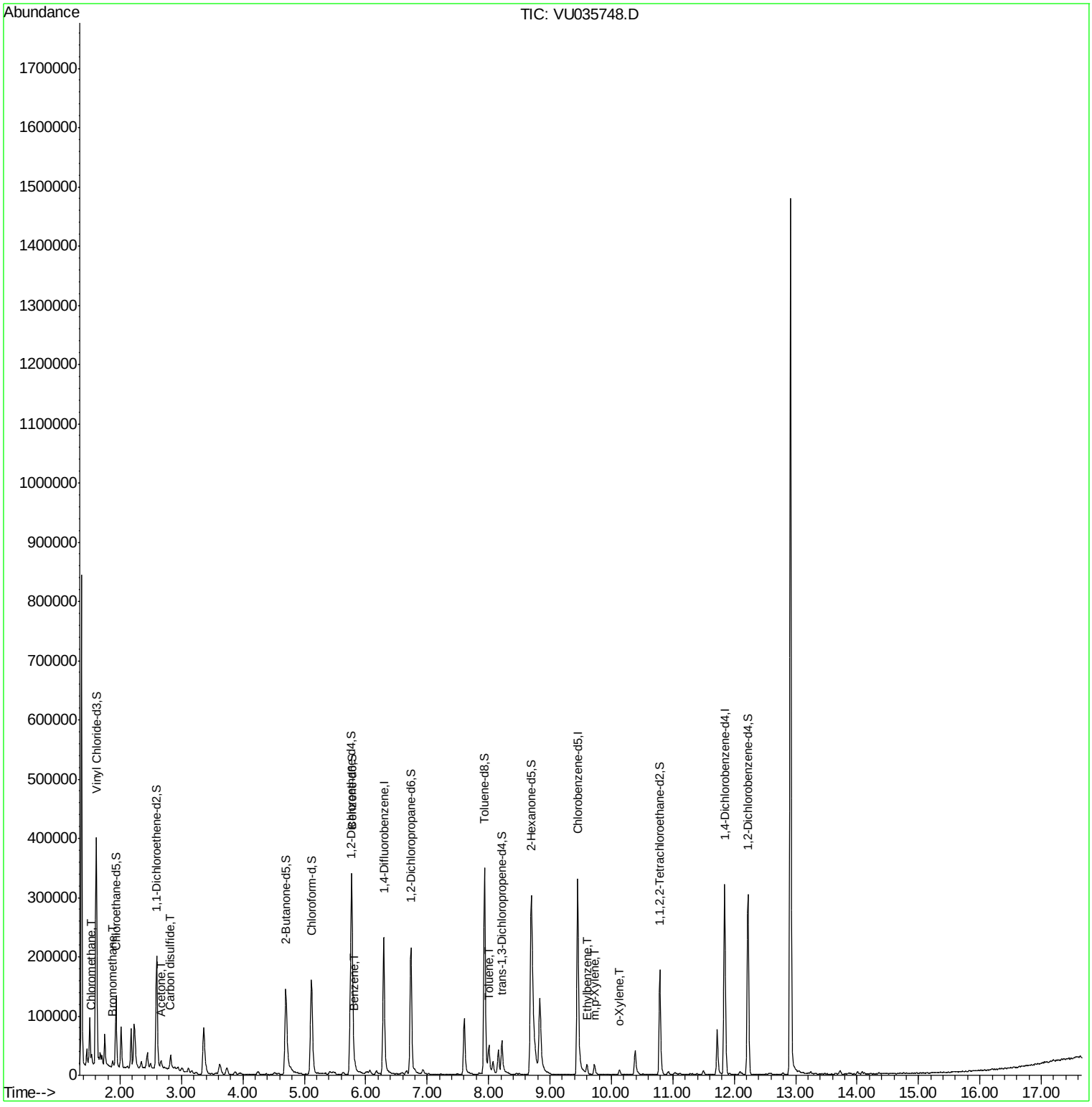
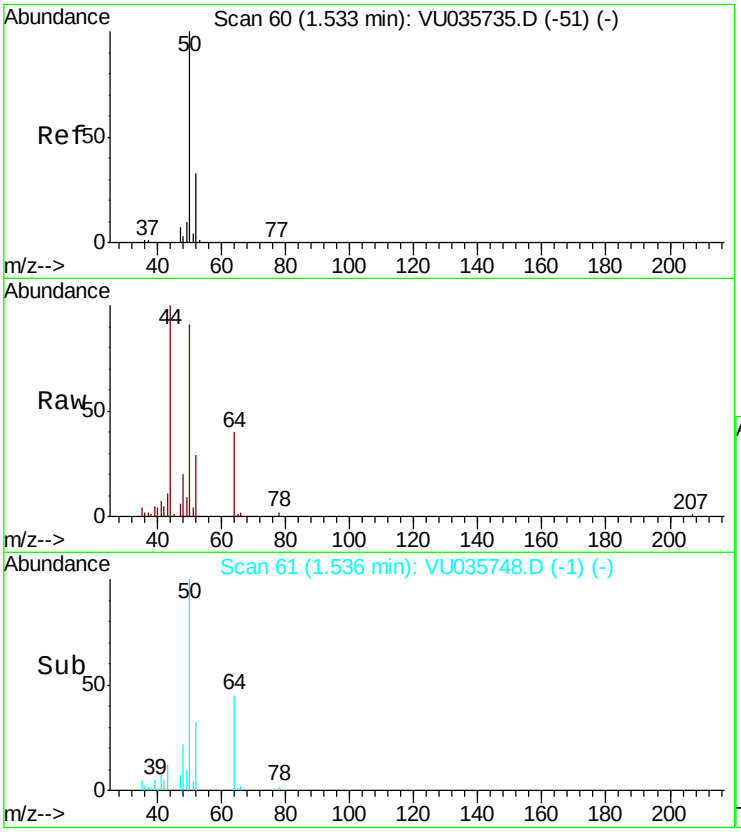


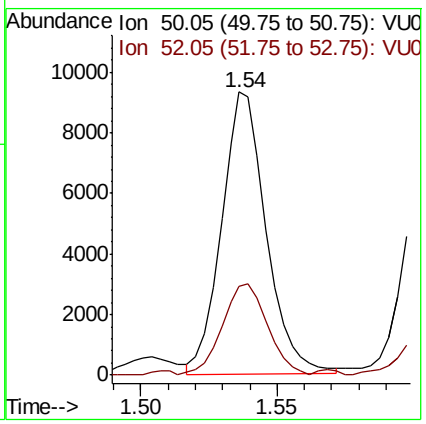


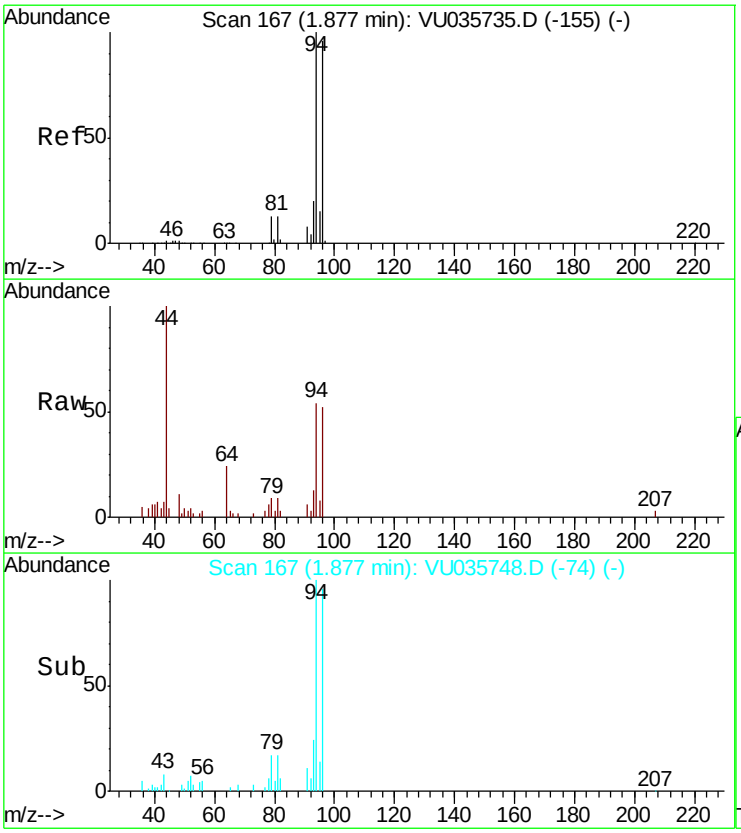
#3
Chloromethane
Concen: 0.416 ug/L
RT: 1.54 min Scan# 61
Delta R.T. 0.00 min
Lab File: VU035748.D
Acq: 18 Nov 2019 17:10

Instrument :
MSVOA_U
ClientSampleId :
GAQK7

Tgt Ion: 50 Resp: 10567

Ion	Ratio	Lower	Upper
50	100		
52	31.6	23.4	43.6

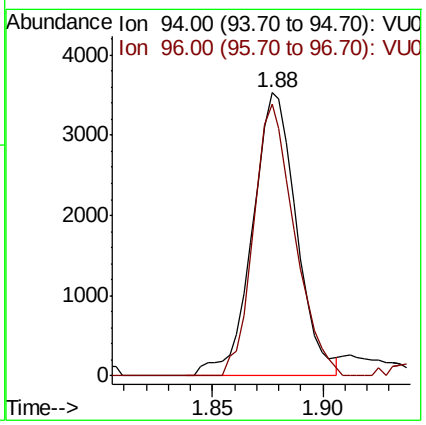


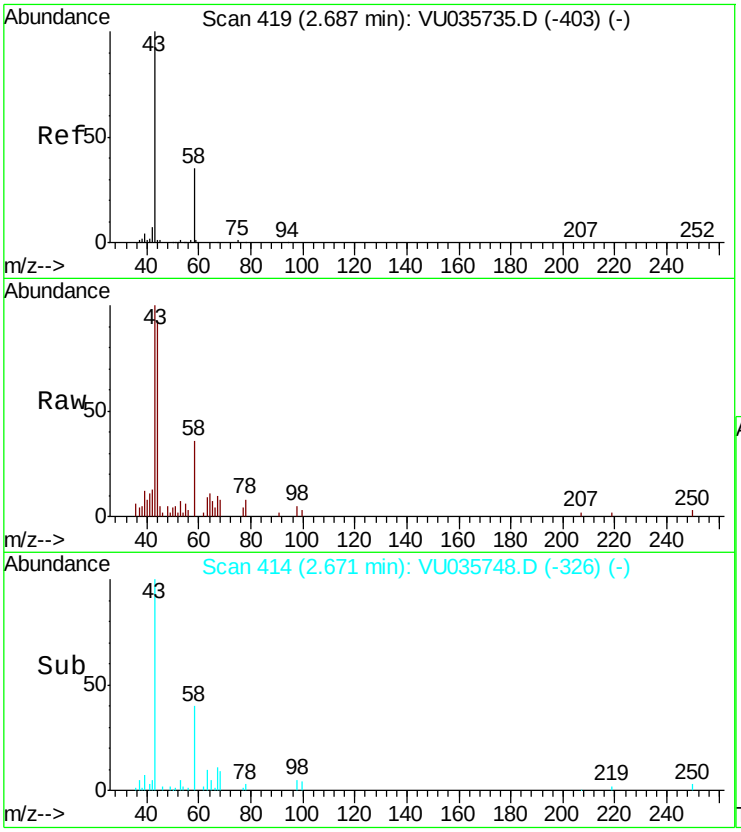


#6
Bromomethane
Concen: 0.328 ug/L
RT: 1.88 min Scan# 167
Delta R.T. -0.00 min
Lab File: VU035748.D
Acq: 18 Nov 2019 17:10

Tgt Ion: 94 Resp: 4871

Ion	Ratio	Lower	Upper
94	100		
96	96.1	66.8	124.2



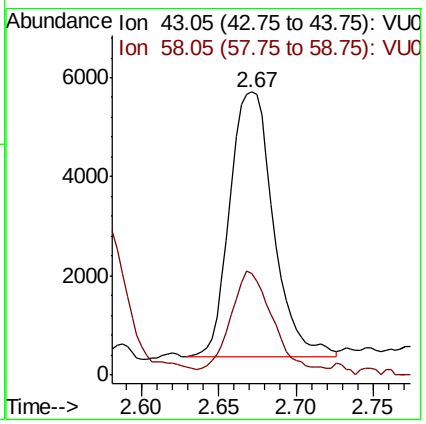


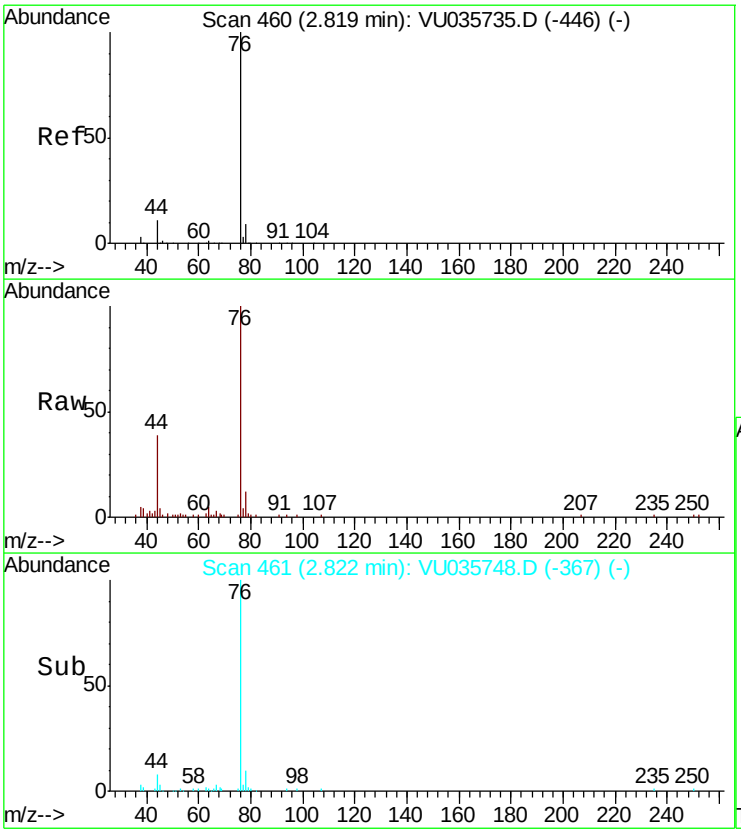
#13
Acetone
Concen: 3.134 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.02 min
Lab File: VU035748.D
Acq: 18 Nov 2019 17:10

Instrument :
MSVOA_U
ClientSampleId :
GAQK7

Tgt Ion: 43 Resp: 10519

Ion	Ratio	Lower	Upper
43	100		
58	39.5	0.0	69.8

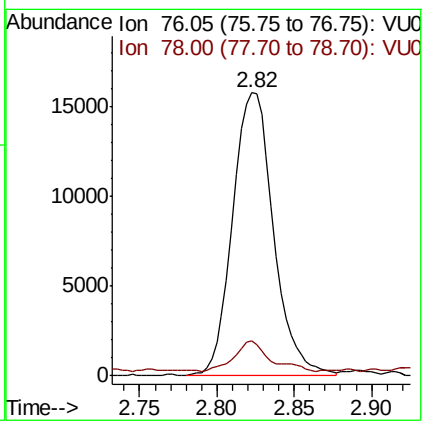


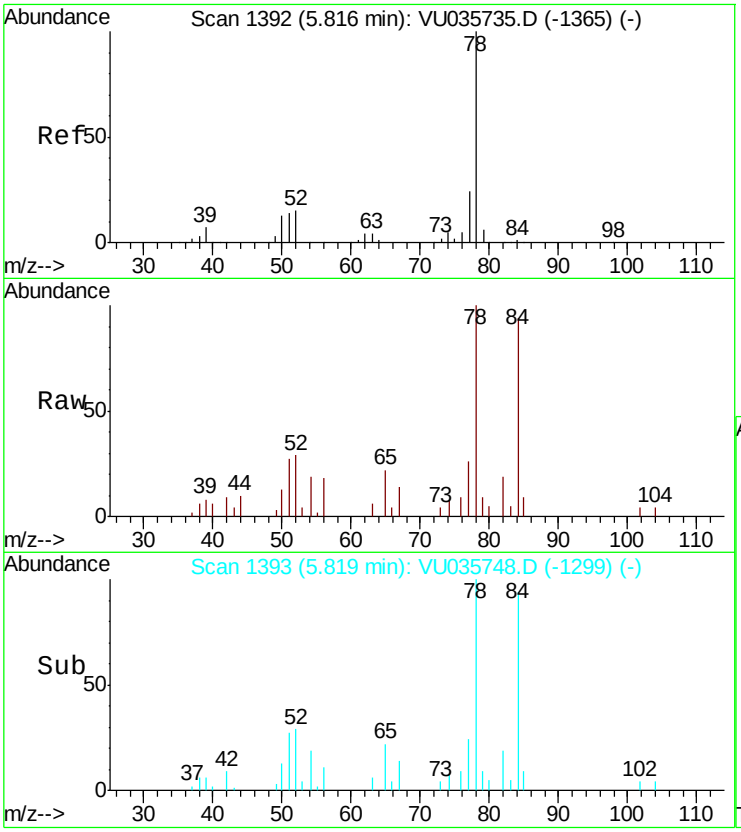


#14
Carbon disulfide
Concen: 0.498 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU035748.D
Acq: 18 Nov 2019 17:10

Tgt Ion: 76 Resp: 29095

Ion	Ratio	Lower	Upper
76	100		
78	12.4	7.4	11.0#

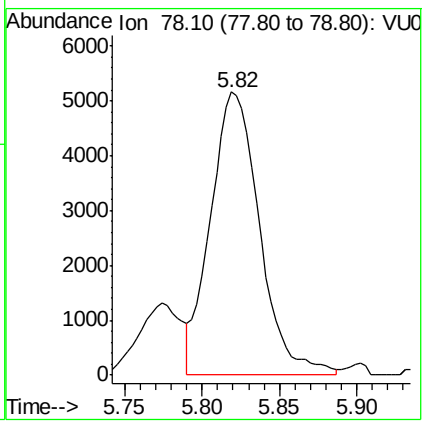


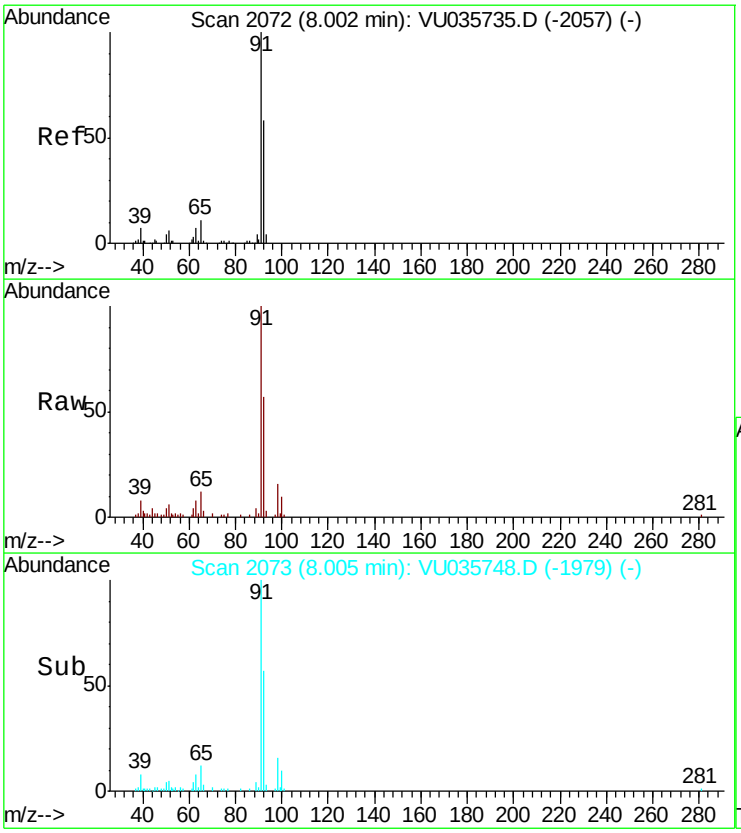


#33
Benzene
Concen: 0.132 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU035748.D
Acq: 18 Nov 2019 17:10

Instrument :
MSVOA_U
ClientSampleId :
GAQK7

Tgt Ion: 78 Resp: 11381

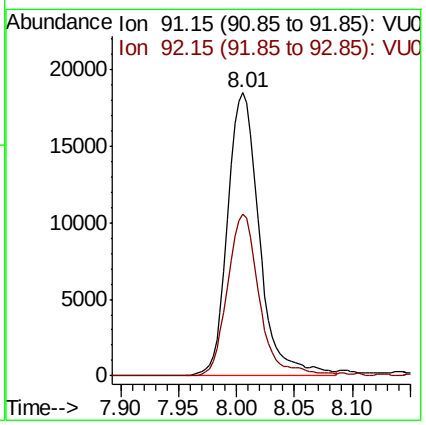


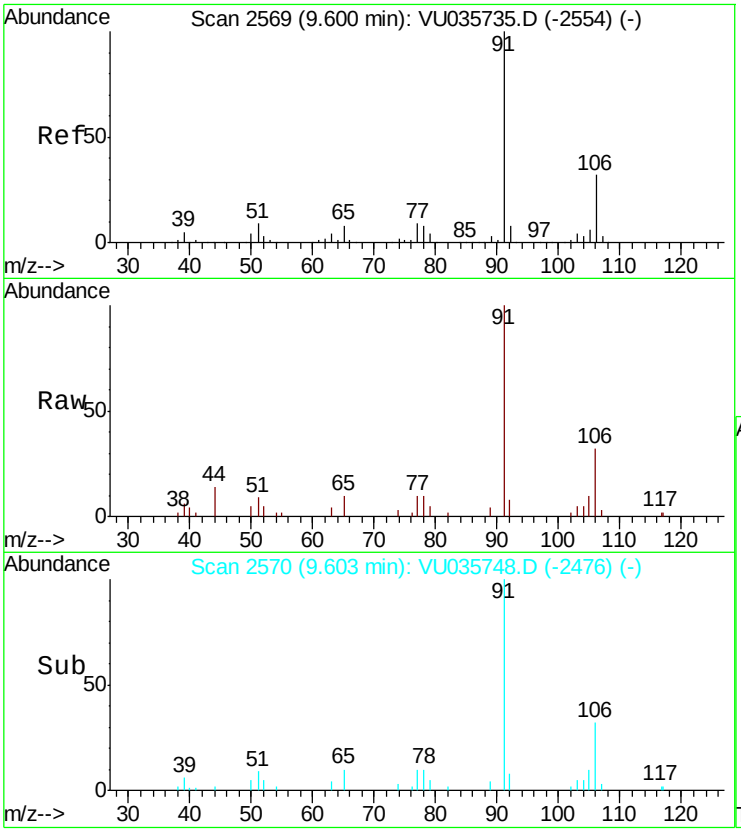


#42
Toluene
Concen: 0.387 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU035748.D
Acq: 18 Nov 2019 17:10

Tgt Ion: 91 Resp: 35067

Ion	Ratio	Lower	Upper
91	100		
92	57.3	40.5	75.3



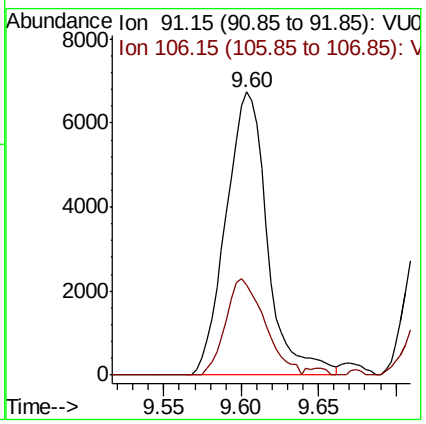


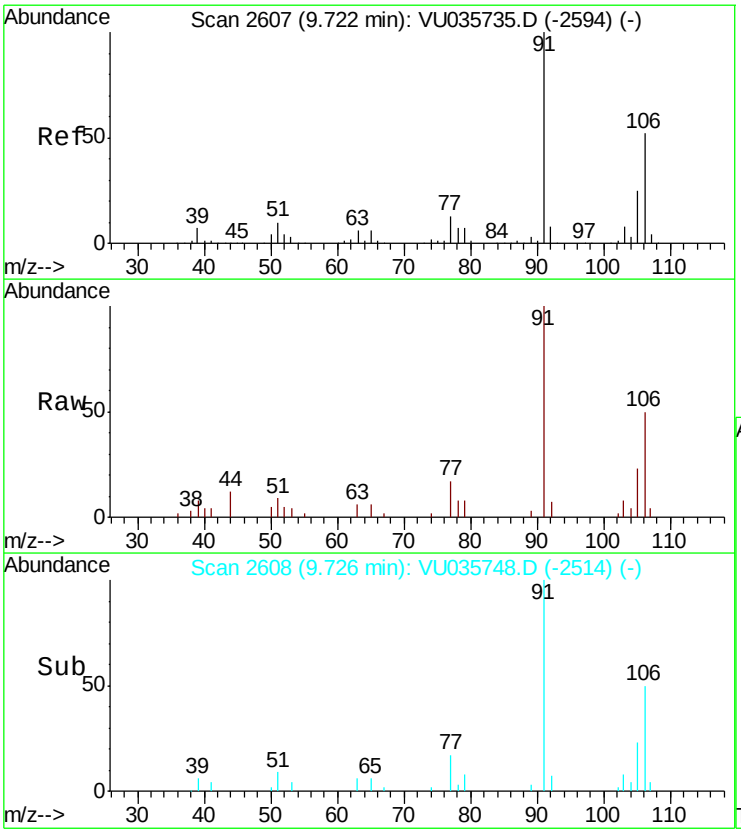
#52
Ethylbenzene
Concen: 0.132 ug/L
RT: 9.60 min Scan# 2570
Delta R.T. 0.00 min
Lab File: VU035748.D
Acq: 18 Nov 2019 17:10

Instrument : MSVOA_U
ClientSampleId : GAQK7

Tgt Ion: 91 Resp: 12554

Ion	Ratio	Lower	Upper
91	100		
106	31.8	22.4	41.6

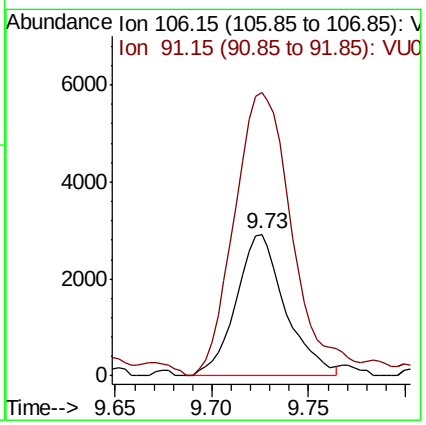


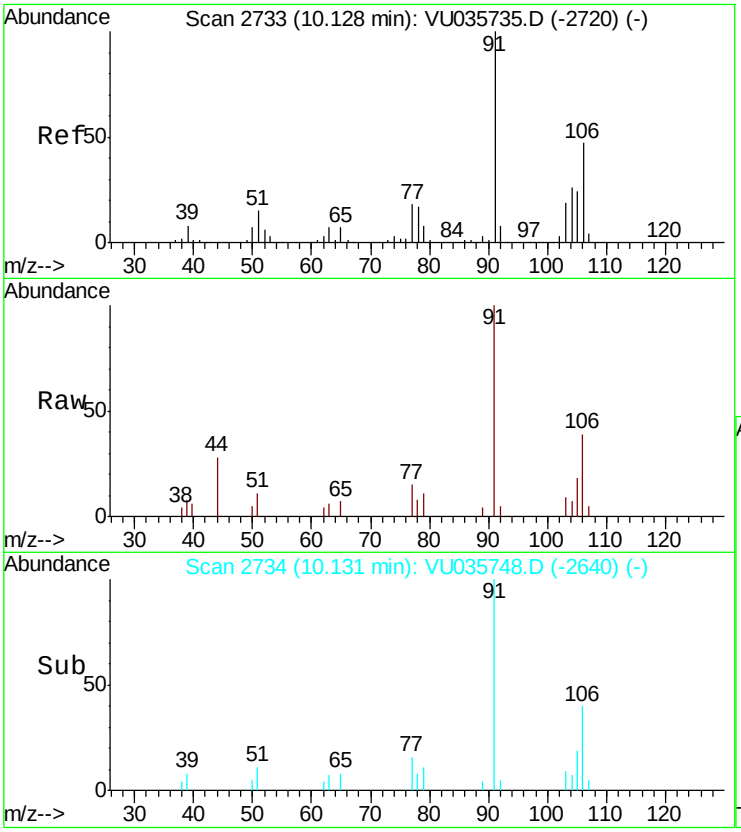


#53
m,p-Xylene
Concen: 0.144 ug/L
RT: 9.73 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VU035748.D
Acq: 18 Nov 2019 17:10

Tgt Ion:106 Resp: 5188

Ion	Ratio	Lower	Upper
106	100		
91	199.6	139.4	259.0





#54
o-Xylene
Concen: 0.066 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU035748.D
Acq: 18 Nov 2019 17:10

Instrument :
MSVOA_U
ClientSampleId :
GAQK7

Tgt Ion:106 Resp: 2318

Ion	Ratio	Lower	Upper
106	100		
91	257.0	147.7	274.3