Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101719\
Data File : VU035250.D
Acq On : 18 Oct 2019 07:37
Operator : JC/SP
Sample : K5419-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FZ8

Quant Time: Oct 18 14:11:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 13:51:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	360936	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	342728	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	156813	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	112655	5.12	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.40%			
7) Chloroethane-d5	1.93	69	104947	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.40%			
11) 1,1-Dichloroethene-d2	2.59	63	156212	3.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.80%			
20) 2-Butanone-d5	4.71	46	294829	46.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.24%			
24) Chloroform-d	5.11	84	201499	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
26) 1,2-Dichloroethane-d4	5.75	65	114211	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
32) Benzene-d6	5.77	84	423739	5.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.20%			
36) 1,2-Dichloropropane-d6	6.74	67	134989	5.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.40%			
41) Toluene-d8	7.93	98	396688	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%			
43) trans-1,3-Dichloropropene-	8.22	79	56147	4.65	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.00%			
46) 2-Hexanone-d5	8.69	63	254397	47.76	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.52%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	109929	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	145244	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	25152	0.804	ug/L	92
8) Chloroethane	1.95	64	6642	0.329	ug/L	99
13) Acetone	2.68	43	5219	1.186	ug/L	71
18) trans-1,2-Dichloroethene	3.39	96	9998	0.400	ug/L	97
19) 1,1-Dichloroethane	3.92	63	104343	2.306	ug/L	99
30) Cyclohexane	5.43	56	7153	0.166	ug/L	90
33) Benzene	5.82	78	57008	0.565	ug/L	100
34) Trichloroethene	6.58	95	4710	0.174	ug/L	87
35) Methylcyclohexane	6.74	83	31906	0.704	ug/L #	19
42) Toluene	8.01	91	21651	0.194	ug/L	99
52) Ethylbenzene	9.60	91	20330	0.161	ug/L	96
53) m,p-Xylene	9.73	106	6704	0.140	ug/L	92
54) o-Xylene	10.13	106	6066	0.130	ug/L	92
69) Naphthalene	14.11	128	14198	0.469	ug/L #	92

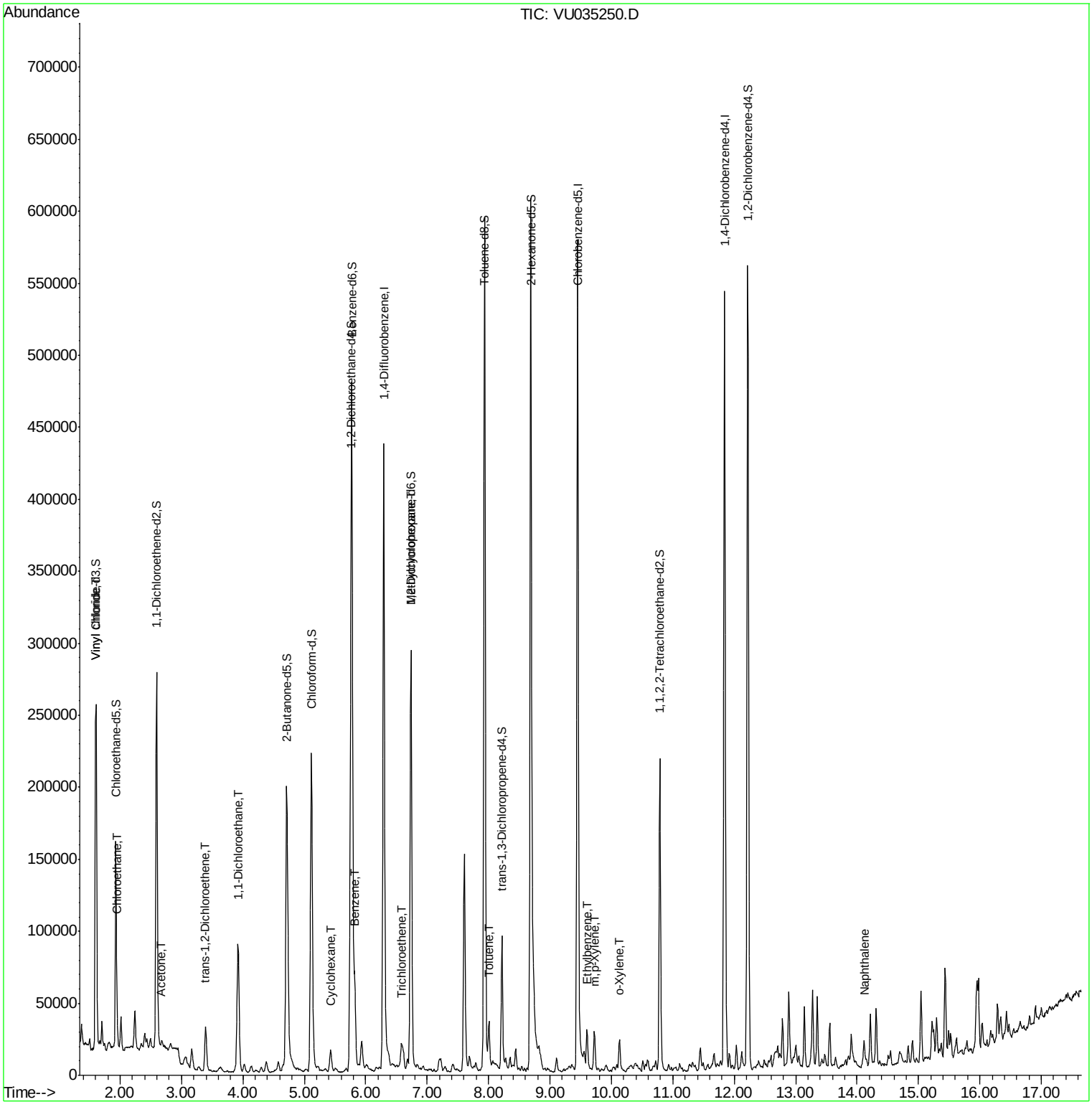
(#) = qualifier out of range (m) = manual integration (+) = signals summed

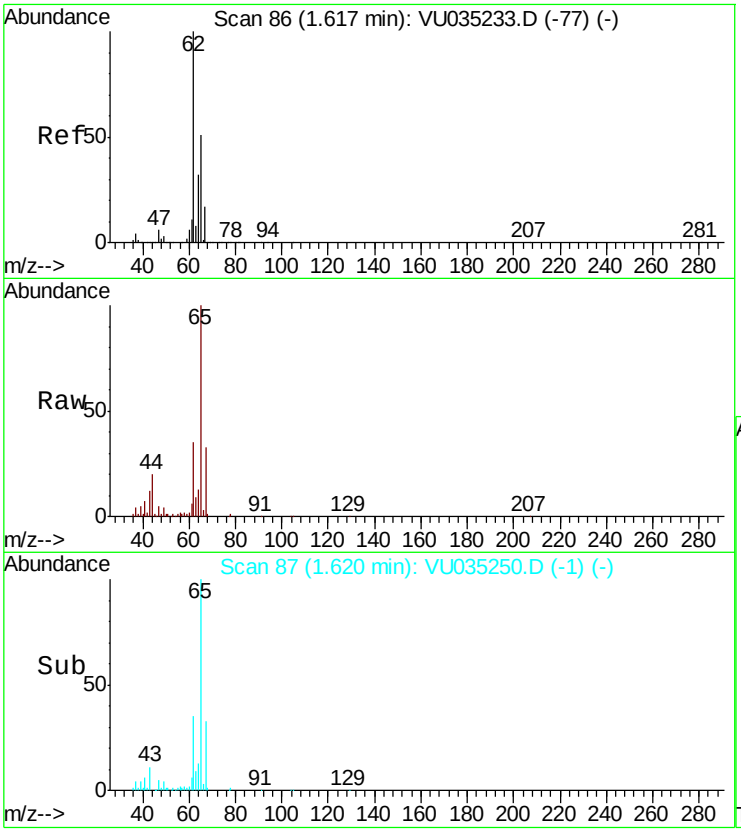
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101719\
Data File : VU035250.D
Acq On : 18 Oct 2019 07:37
Operator : JC/SP
Sample : K5419-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FZ8

Quant Time: Oct 18 14:11:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 13:51:17 2019
Response via : Initial Calibration



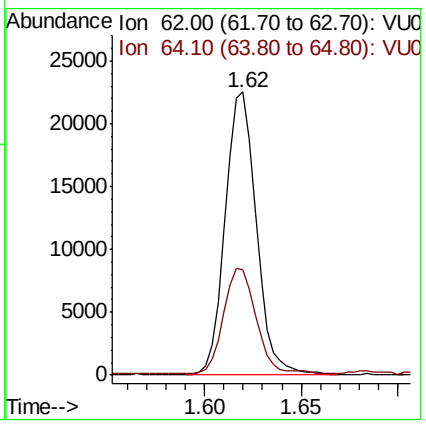


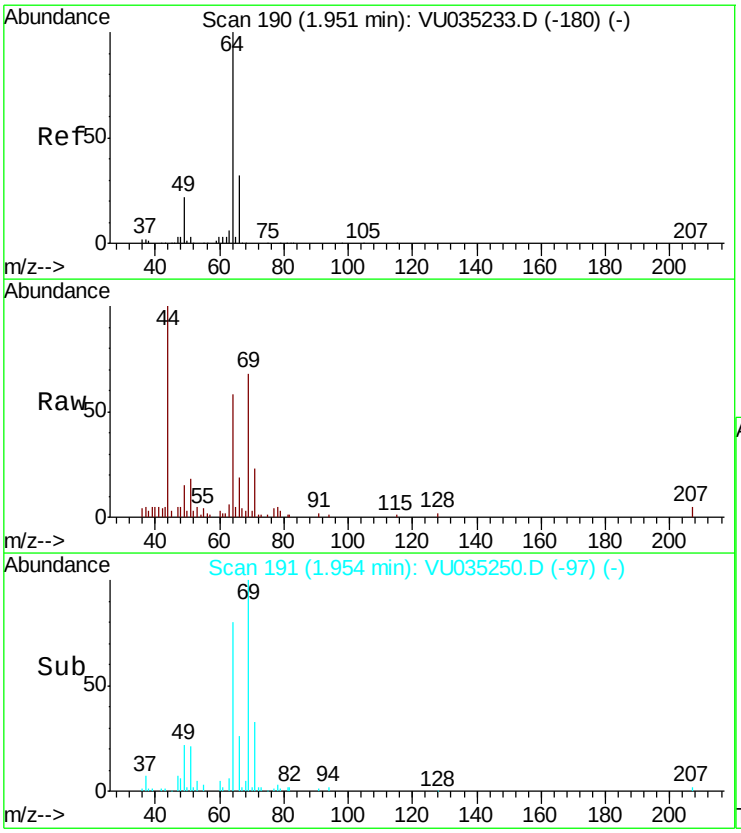
#5
Vinyl chloride
Concen: 0.804 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VU035250.D
Acq: 18 Oct 2019 07:37

Instrument :
MSVOA_U
ClientSampleId :
H0FZ8

Tgt Ion: 62 Resp: 25152

Ion	Ratio	Lower	Upper
62	100		
64	37.1	22.9	42.5

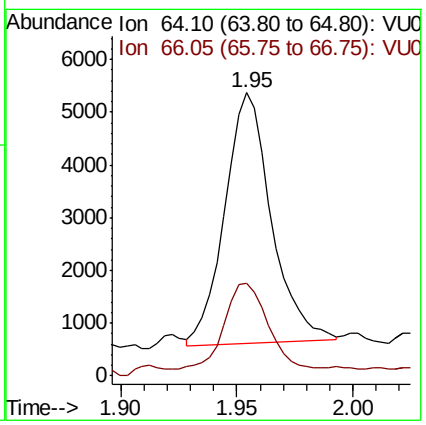


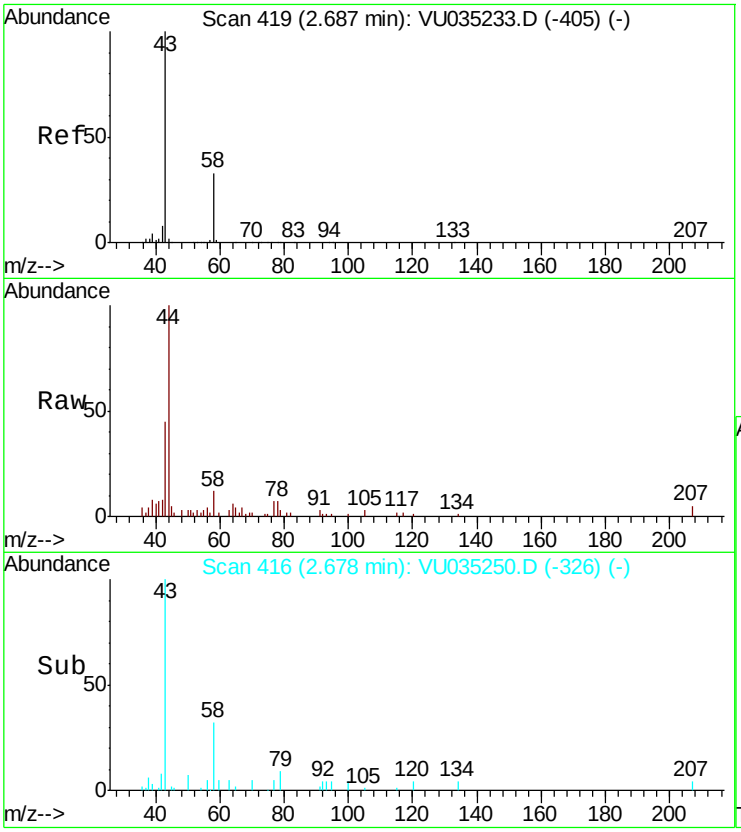


#8
Chloroethane
Concen: 0.329 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU035250.D
Acq: 18 Oct 2019 07:37

Tgt Ion: 64 Resp: 6642

Ion	Ratio	Lower	Upper
64	100		
66	32.8	22.7	42.1



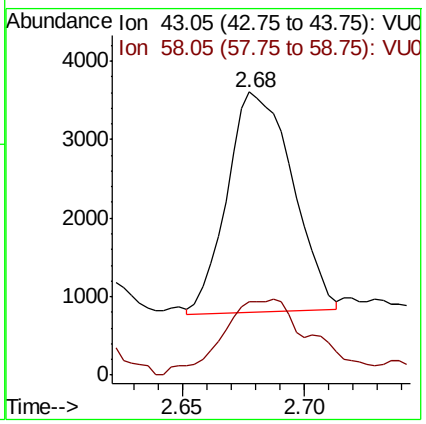


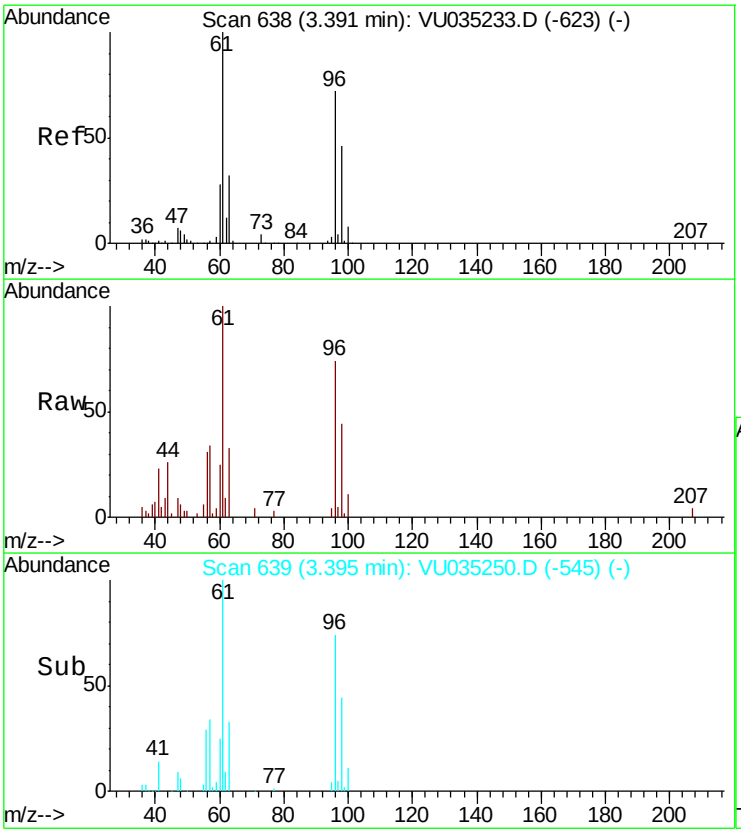
#13
Acetone
Concen: 1.186 ug/L
RT: 2.68 min Scan# 416
Delta R.T. -0.01 min
Lab File: VU035250.D
Acq: 18 Oct 2019 07:37

Instrument :
MSVOA_U
ClientSampleId :
H0FZ8

Tgt Ion: 43 Resp: 5219

Ion	Ratio	Lower	Upper
43	100		
58	46.6	0.0	61.8

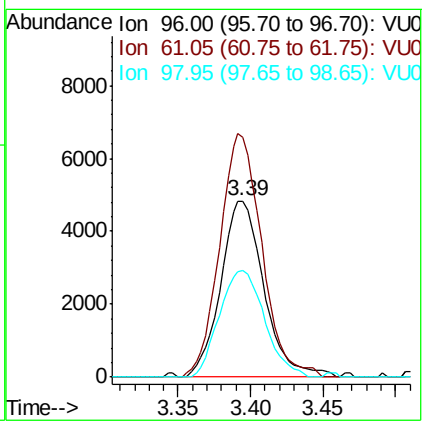


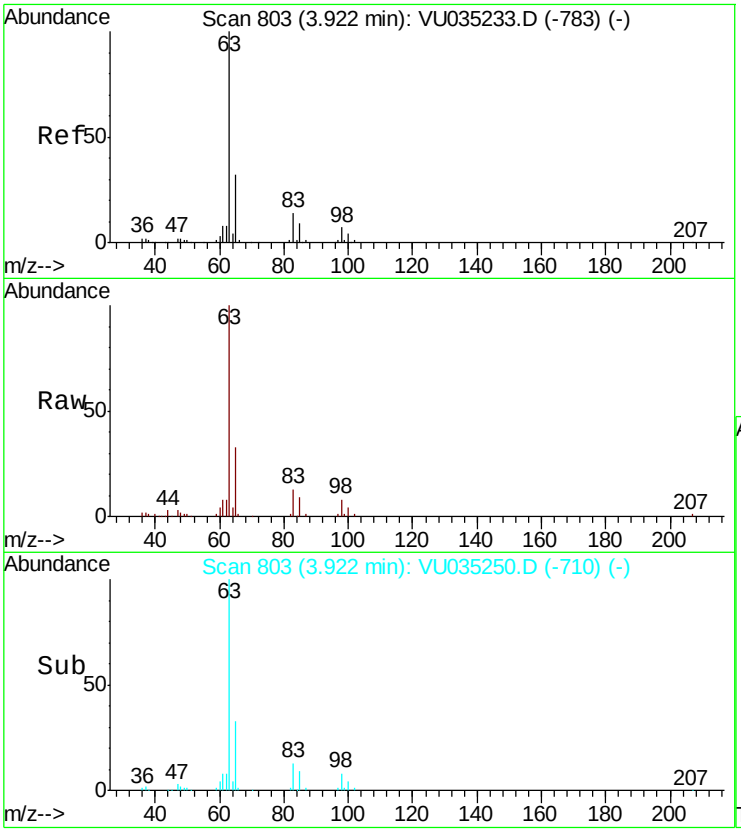


#18
trans-1,2-Dichloroethene
Concen: 0.400 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU035250.D
Acq: 18 Oct 2019 07:37

Tgt Ion: 96 Resp: 9998

Ion	Ratio	Lower	Upper
96	100		
61	136.0	93.0	172.6
98	60.4	43.7	81.1



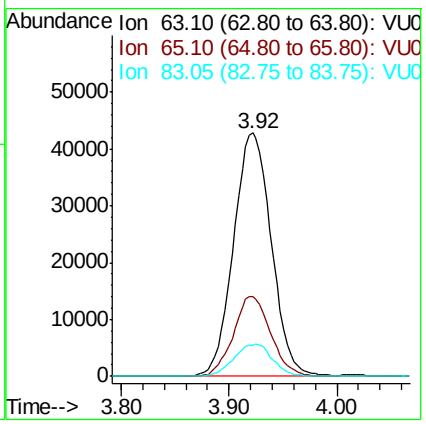


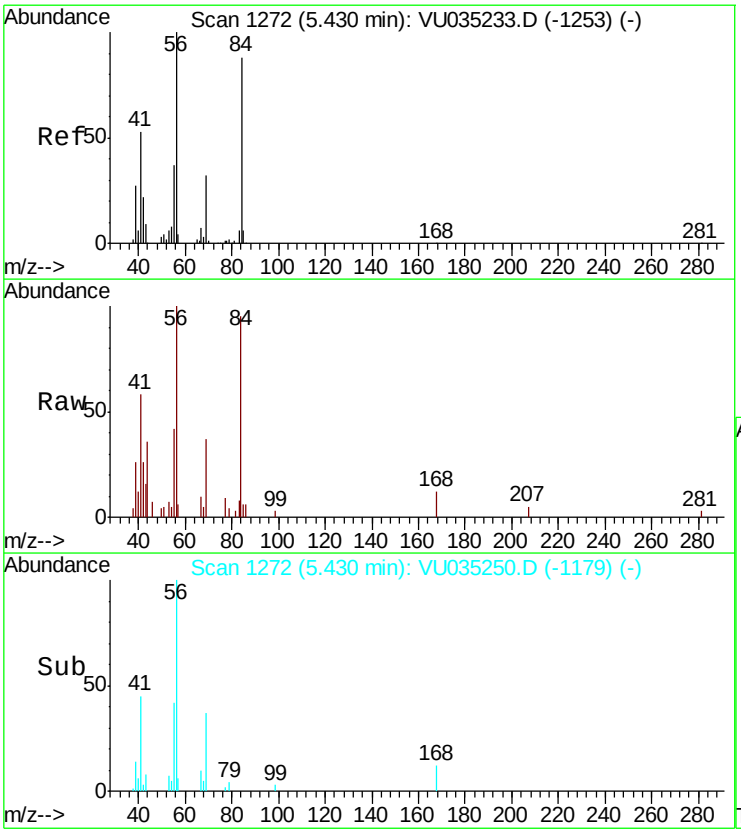
#19
1,1-Dichloroethane
Concen: 2.306 ug/L
RT: 3.92 min Scan# 803
Delta R.T. -0.00 min
Lab File: VU035250.D
Acq: 18 Oct 2019 07:37

Instrument :
MSVOA_U
ClientSampleId :
H0FZ8

Tgt Ion: 63 Resp: 104343

Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.4	41.6
83	13.0	9.3	17.3

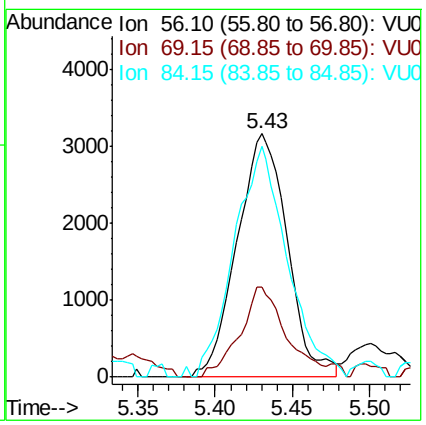


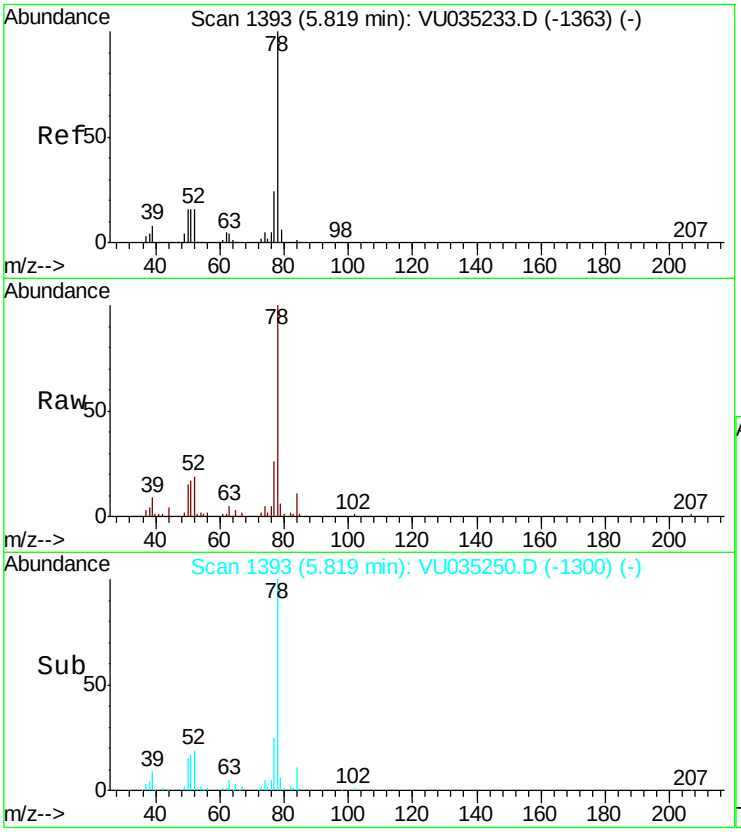


#30
Cyclohexane
Concen: 0.166 ug/L
RT: 5.43 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU035250.D
Acq: 18 Oct 2019 07:37

Tgt Ion: 56 Resp: 7153

Ion	Ratio	Lower	Upper
56	100		
69	34.1	24.6	36.8
84	99.9	71.5	107.3

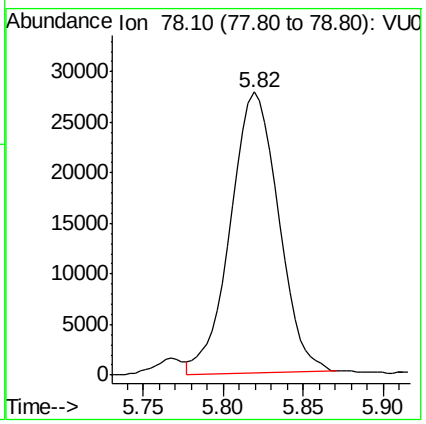


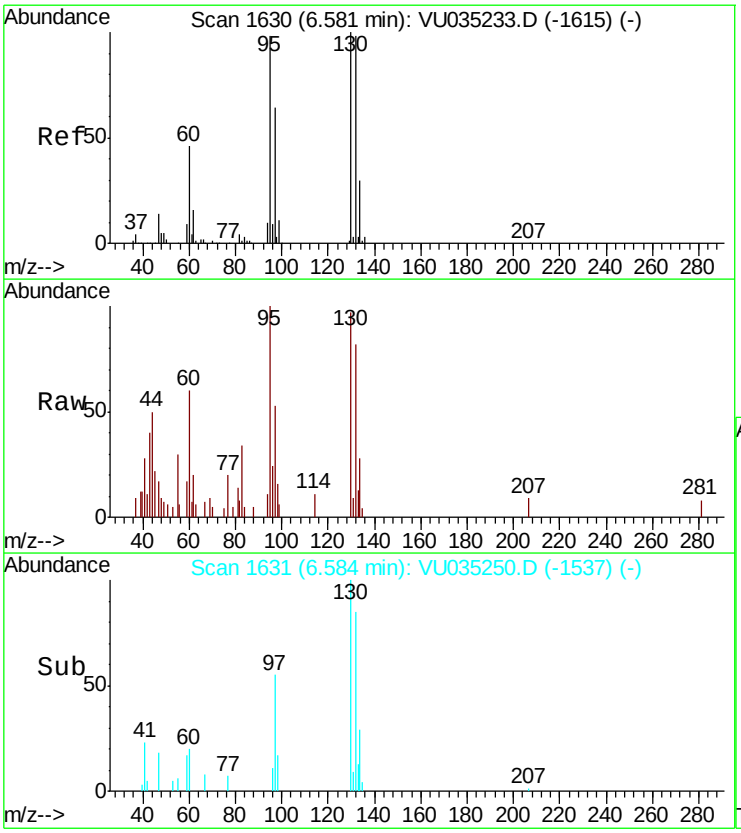


#33
Benzene
Concen: 0.565 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VU035250.D
Acq: 18 Oct 2019 07:37

Instrument :
MSVOA_U
ClientSampleId :
H0FZ8

Tgt Ion: 78 Resp: 57008

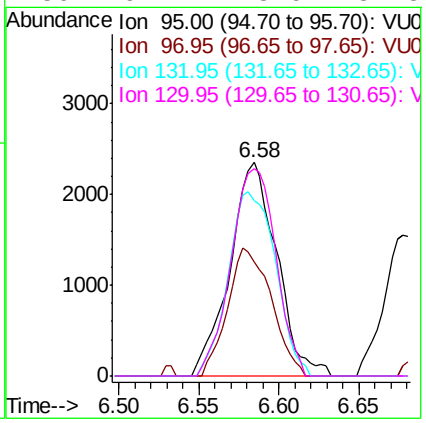


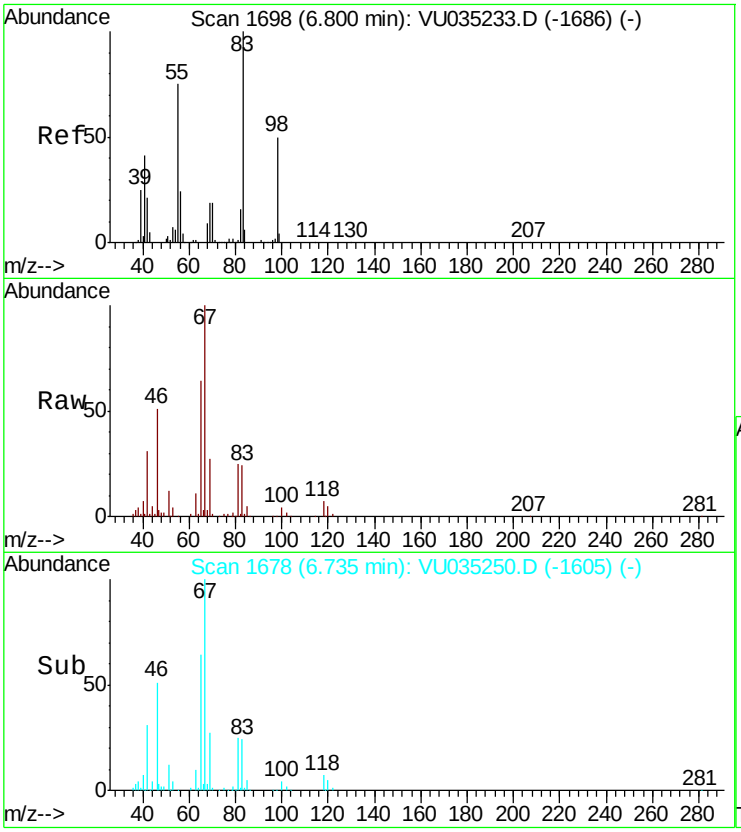


#34
Trichloroethene
Concen: 0.174 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035250.D
Acq: 18 Oct 2019 07:37

Tgt Ion: 95 Resp: 4710

Ion	Ratio	Lower	Upper
95	100		
97	53.2	46.6	86.6
132	82.3	68.7	127.7
130	97.2	73.9	137.3



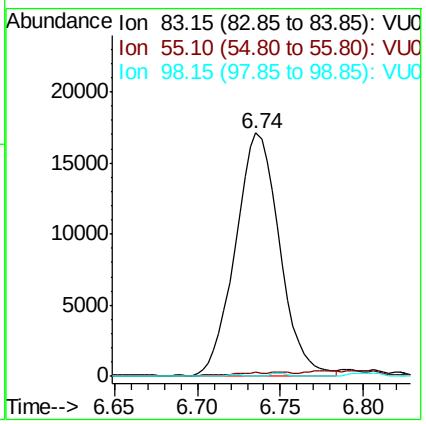


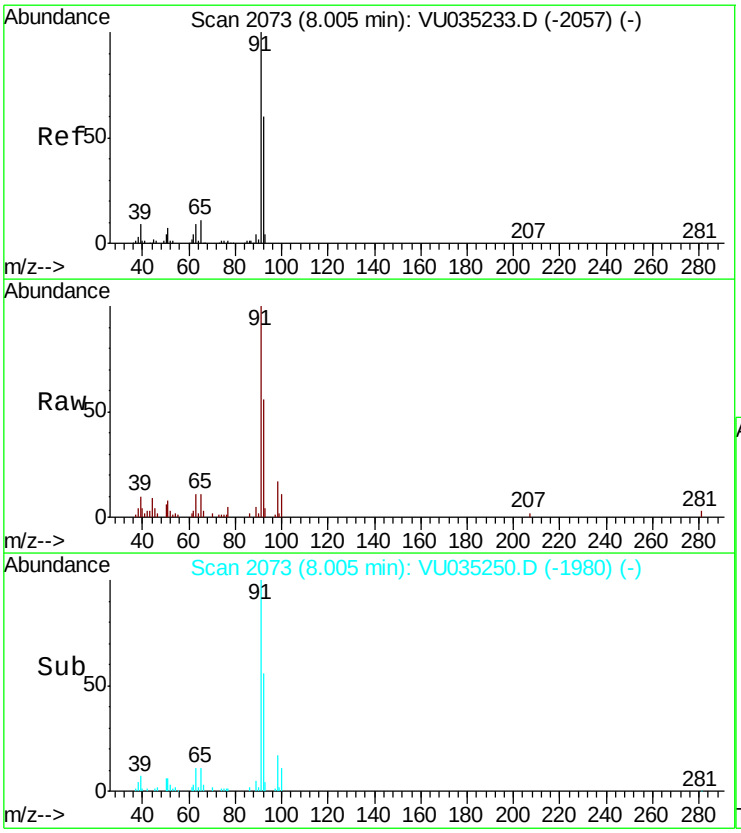
#35
Methylcyclohexane
Concen: 0.704 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035250.D
Acq: 18 Oct 2019 07:37

Instrument : MSVOA_U
ClientSampleId : H0FZ8

Tgt Ion: 83 Resp: 31906

Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.4	90.6#
98	0.4	39.5	59.3#

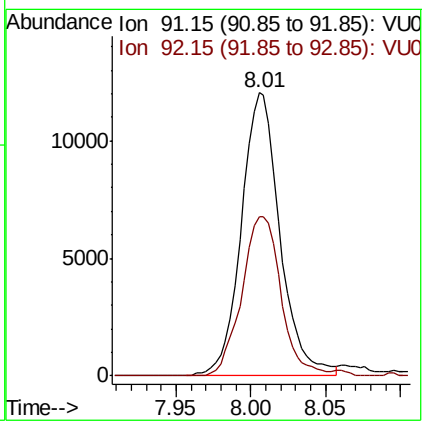


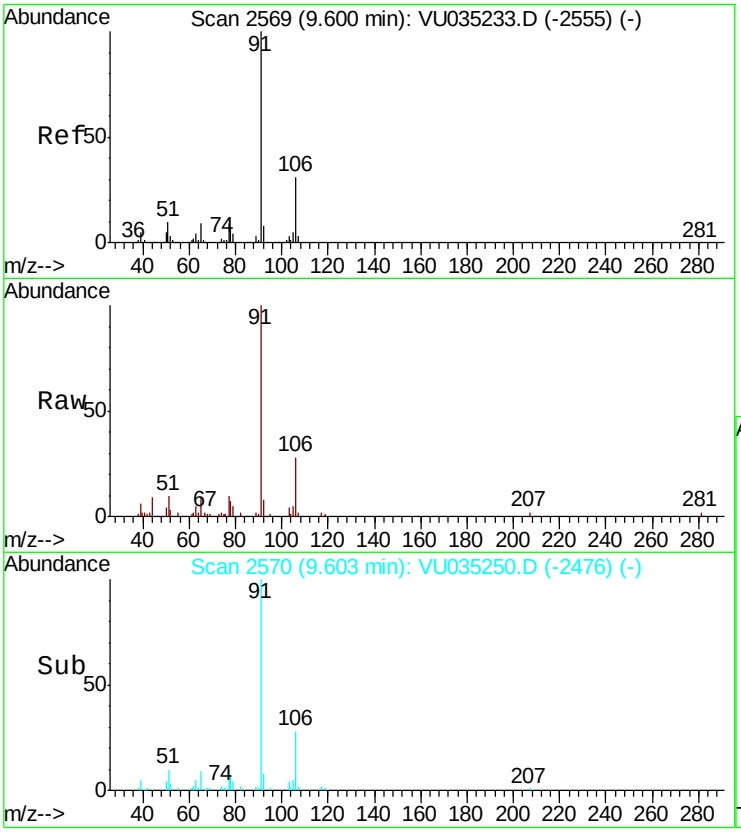


#42
Toluene
Concen: 0.194 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VU035250.D
Acq: 18 Oct 2019 07:37

Tgt Ion: 91 Resp: 21651

Ion	Ratio	Lower	Upper
91	100		
92	56.1	39.9	74.1



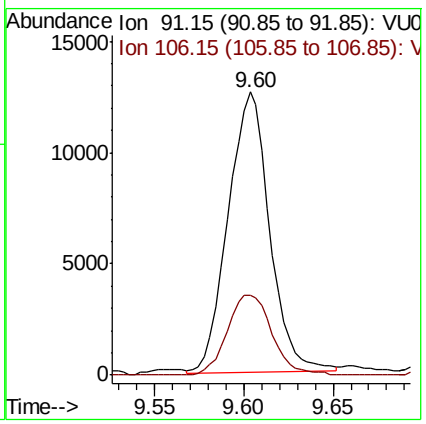


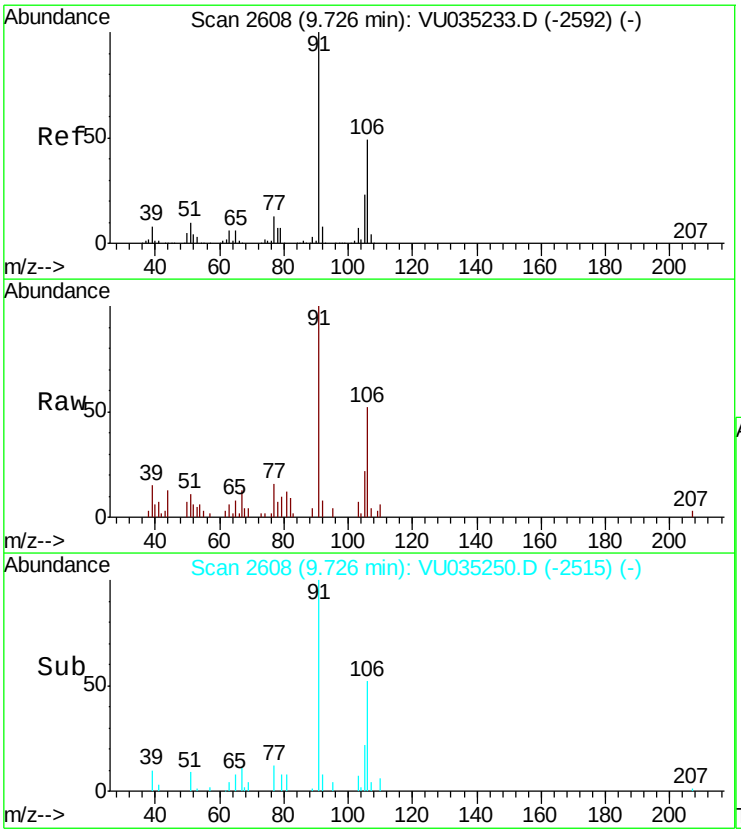
#52
Ethylbenzene
Concen: 0.161 ug/L
RT: 9.60 min Scan# 2570
Delta R.T. 0.00 min
Lab File: VU035250.D
Acq: 18 Oct 2019 07:37

Instrument : MSVOA_U
ClientSampleId : H0FZ8

Tgt Ion: 91 Resp: 20330

Ion	Ratio	Lower	Upper
91	100		
106	28.2	21.3	39.6

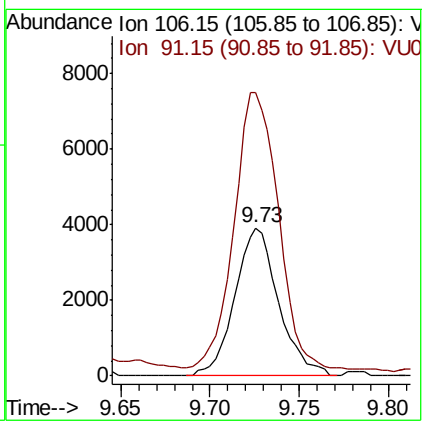


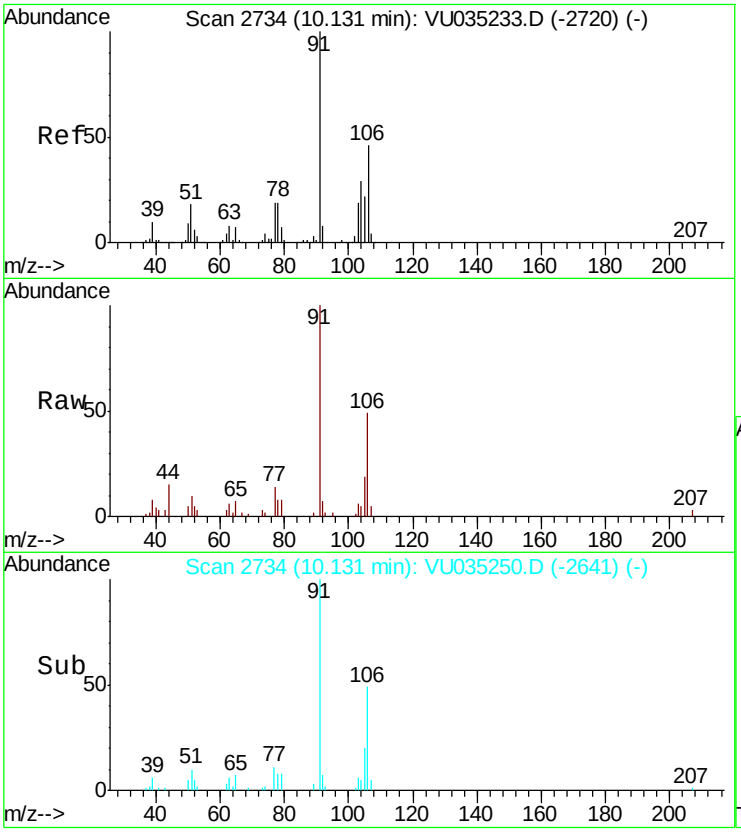


#53
m,p-Xylene
Concen: 0.140 ug/L
RT: 9.73 min Scan# 2608
Delta R.T. -0.00 min
Lab File: VU035250.D
Acq: 18 Oct 2019 07:37

Tgt Ion:106 Resp: 6704

Ion	Ratio	Lower	Upper
106	100		
91	190.7	142.0	263.6



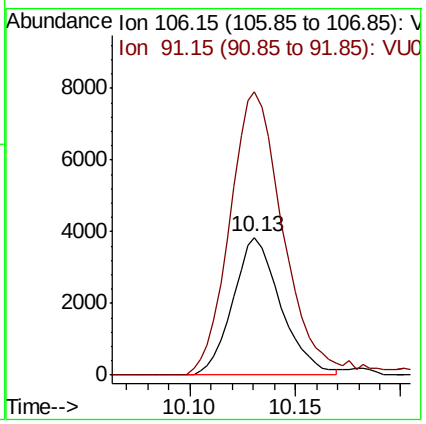


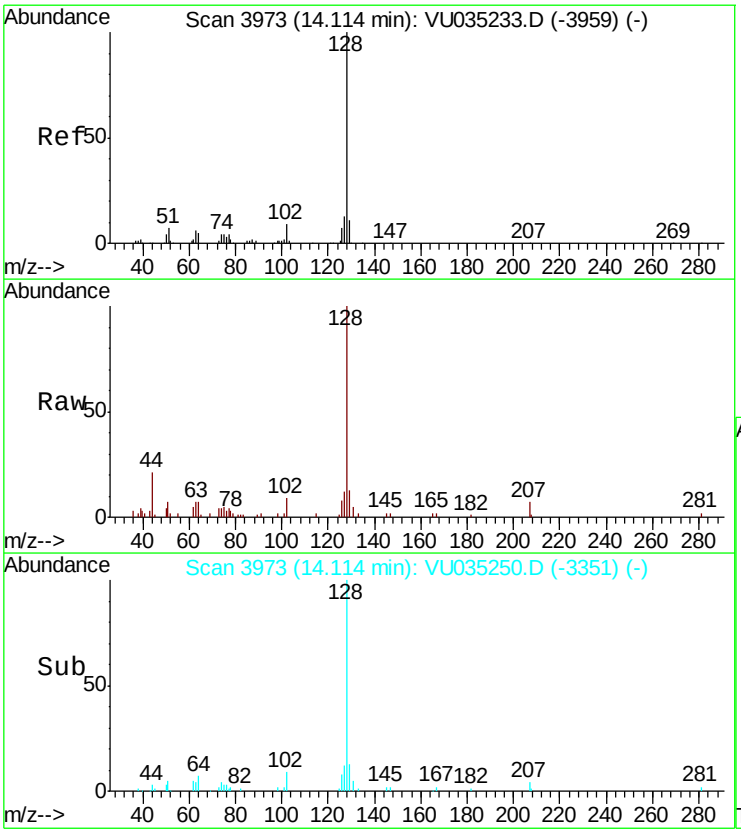
#54
o-Xylene
Concen: 0.130 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035250.D
Acq: 18 Oct 2019 07:37

Instrument : MSVOA_U
ClientSampleId : H0FZ8

Tgt Ion:106 Resp: 6066

Ion	Ratio	Lower	Upper
106	100		
91	205.6	153.2	284.6





#69
Naphthalene
Concen: 0.469 ug/L
RT: 14.11 min Scan# 3973
Delta R.T. -0.00 min
Lab File: VU035250.D
Acq: 18 Oct 2019 07:37

Tgt Ion:128 Resp: 14198

Ion	Ratio	Lower	Upper
128	100		
129	16.6	8.6	13.0#
127	13.9	10.7	16.1