Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039602.D
Acq On : 21 Jul 2020 17:19
Operator : SY/MD
Sample : L3348-09MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAXZ2MS

Quant Time: Jul 22 03:04:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 22 02:01:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	113916	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	106369	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50580	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	32175	6.09	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 121.80%			
7) Chloroethane-d5	1.93	69	39728	6.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 137.60%#			
11) 1,1-Dichloroethene-d2	2.58	63	67975	5.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 114.40%			
20) 2-Butanone-d5	4.65	46	124149	52.05	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.10%			
24) Chloroform-d	5.09	84	65539	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
26) 1,2-Dichloroethane-d4	5.72	65	44002	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
32) Benzene-d6	5.74	84	135482	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.00%			
36) 1,2-Dichloropropane-d6	6.71	67	44447	5.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.60%			
41) Toluene-d8	7.91	98	123531	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%			
43) trans-1,3-Dichloropropene-	8.19	79	17786	4.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.20%			
46) 2-Hexanone-d5	8.64	63	90891	50.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.60%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	36999	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	46003	5.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.20%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.59	96	27875	5.174	ug/L	90
13) Acetone	2.66	43	3141	2.366	ug/L	81
14) Carbon disulfide	2.81	76	1879	0.116	ug/L #	87
25) Chloroform	5.11	83	4673	0.334	ug/L	98
30) Cyclohexane	5.40	56	1912	0.193	ug/L	86
33) Benzene	5.79	78	152836	5.980	ug/L	100
34) Trichloroethene	6.56	95	39161	5.564	ug/L	94
35) Methylcyclohexane	6.77	83	3054	0.295	ug/L #	88
42) Toluene	7.98	91	173146	6.188	ug/L	97
51) Chlorobenzene	9.45	112	99433	5.552	ug/L	99
52) Ethylbenzene	9.57	91	6947	0.218	ug/L	97
53) m,p-Xylene	9.70	106	2716	0.229	ug/L	89
54) o-Xylene	10.10	106	2143	0.185	ug/L	95

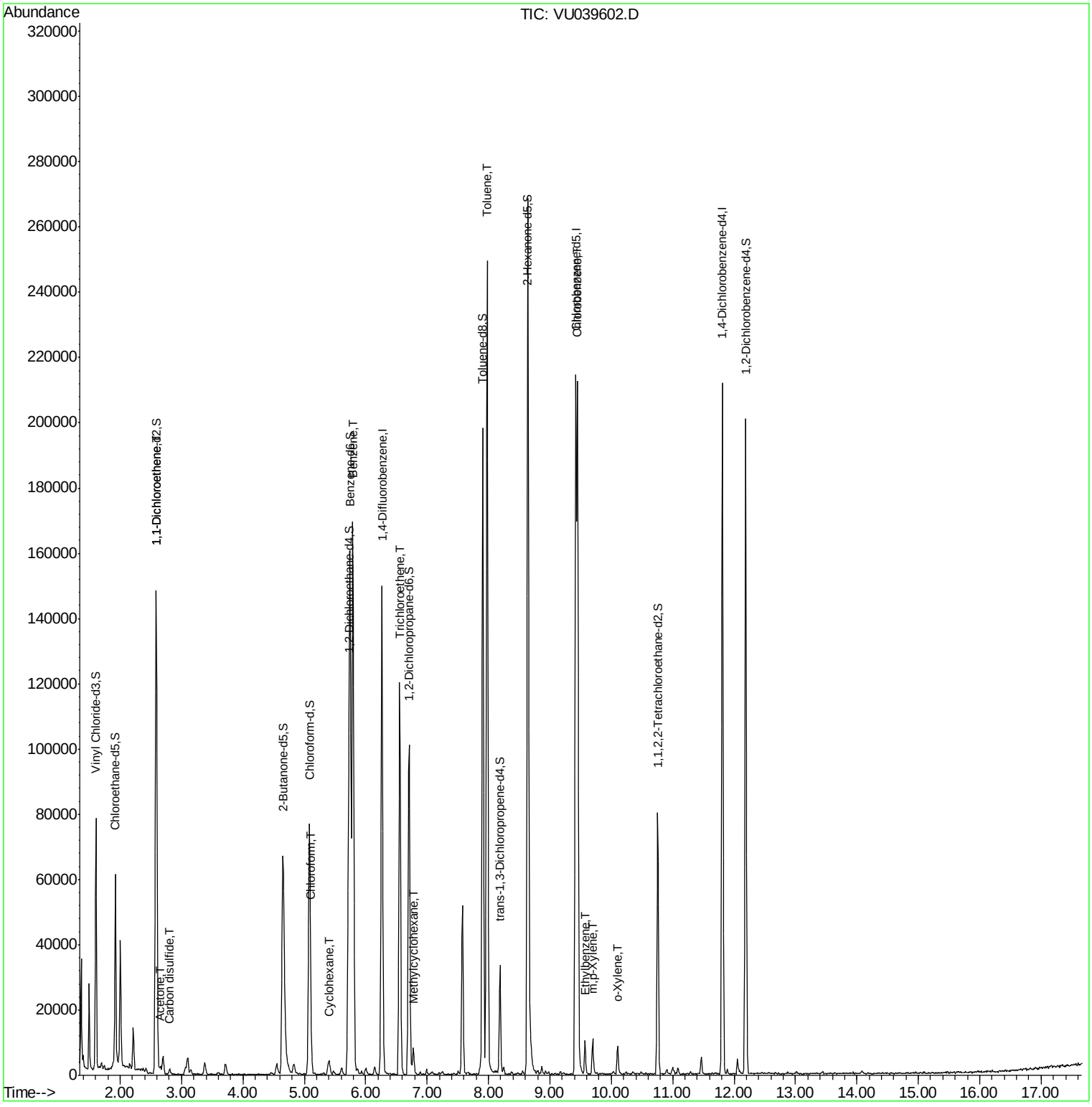
(#) = qualifier out of range (m) = manual integration (+) = signals summed

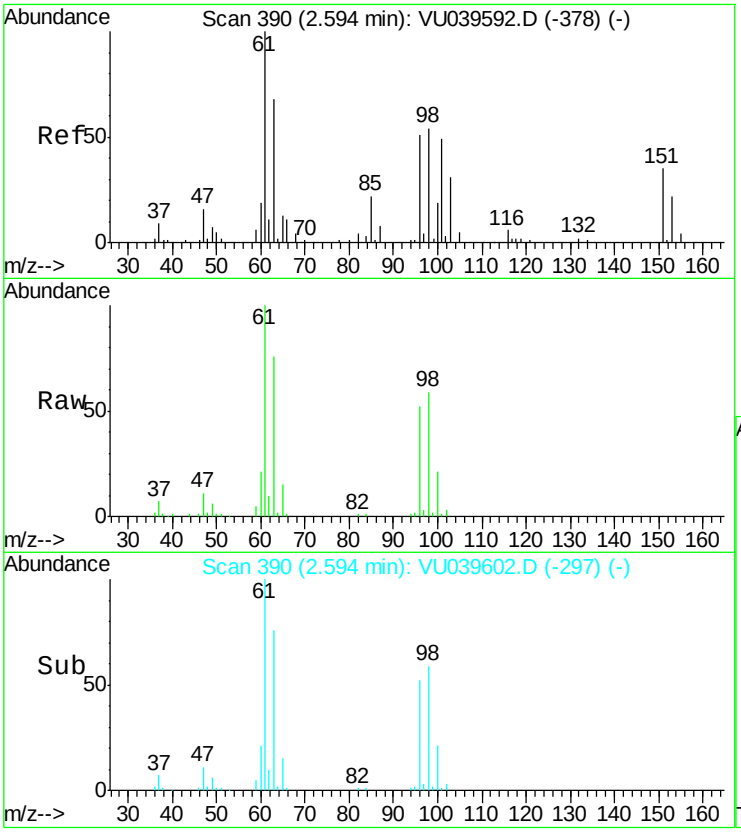
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039602.D
Acq On : 21 Jul 2020 17:19
Operator : SY/MD
Sample : L3348-09MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAXZ2MS

Quant Time: Jul 22 03:04:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 22 02:01:33 2020
Response via : Initial Calibration



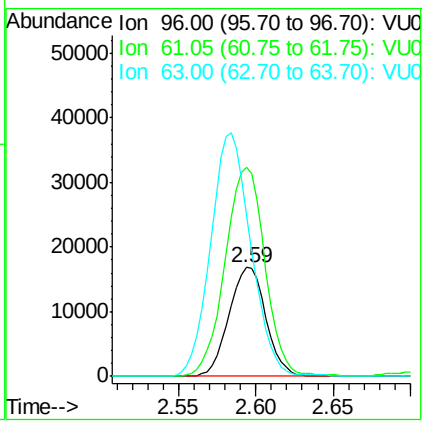


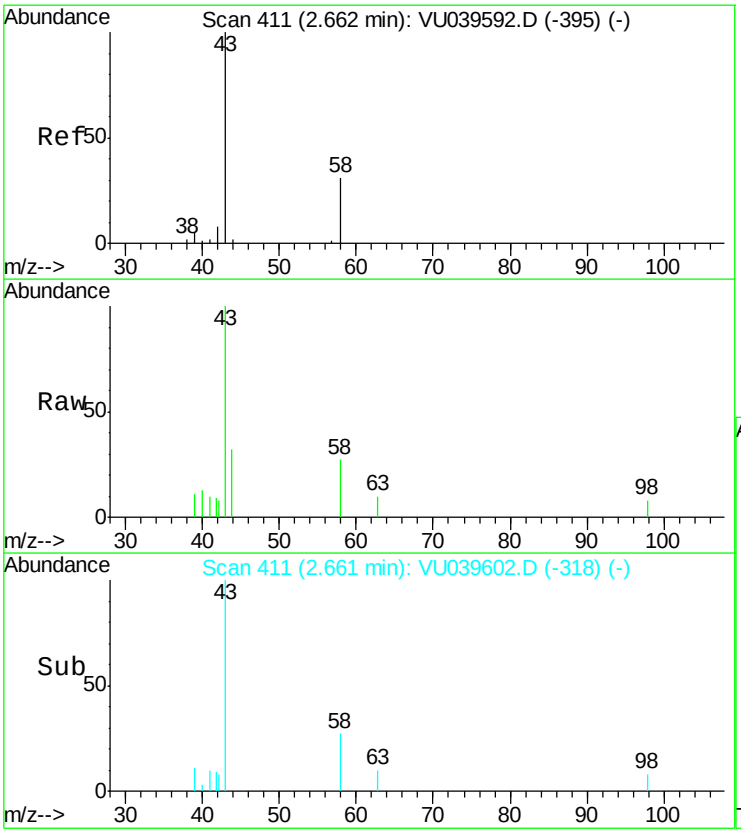
#12
1,1-Dichloroethene
Concen: 5.174 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: VU039602.D
Acq: 21 Jul 2020 17:19

Instrument :
MSVOA_U
ClientSampleId :
GAXZ2MS

Tgt Ion: 96 Resp: 27875

Ion	Ratio	Lower	Upper
96	100		
61	192.6	129.1	239.7
63	147.2	89.7	166.7

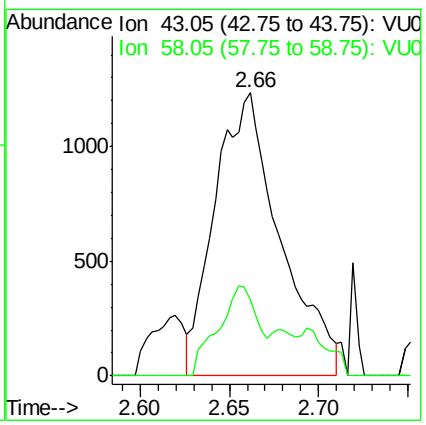


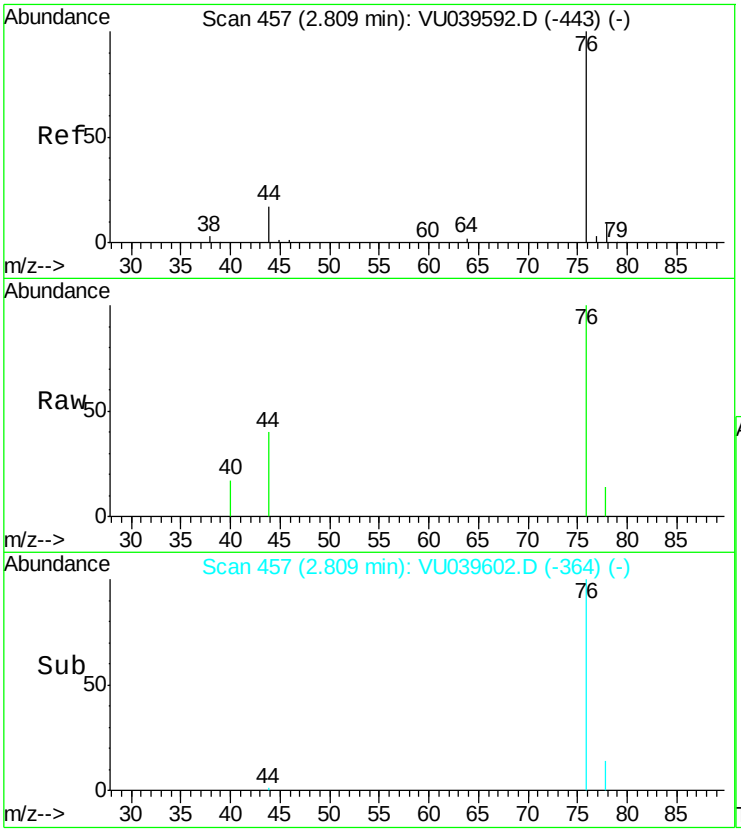


#13
Acetone
Concen: 2.366 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.00 min
Lab File: VU039602.D
Acq: 21 Jul 2020 17:19

Tgt Ion: 43 Resp: 3141

Ion	Ratio	Lower	Upper
43	100		
58	19.5	0.0	59.0



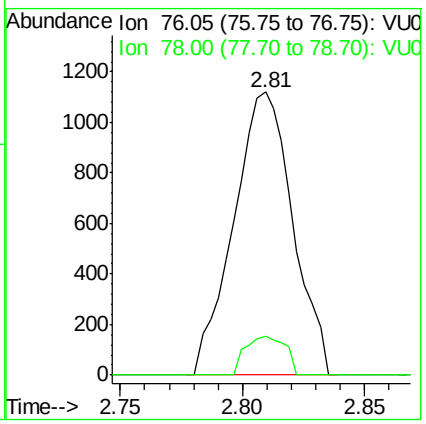


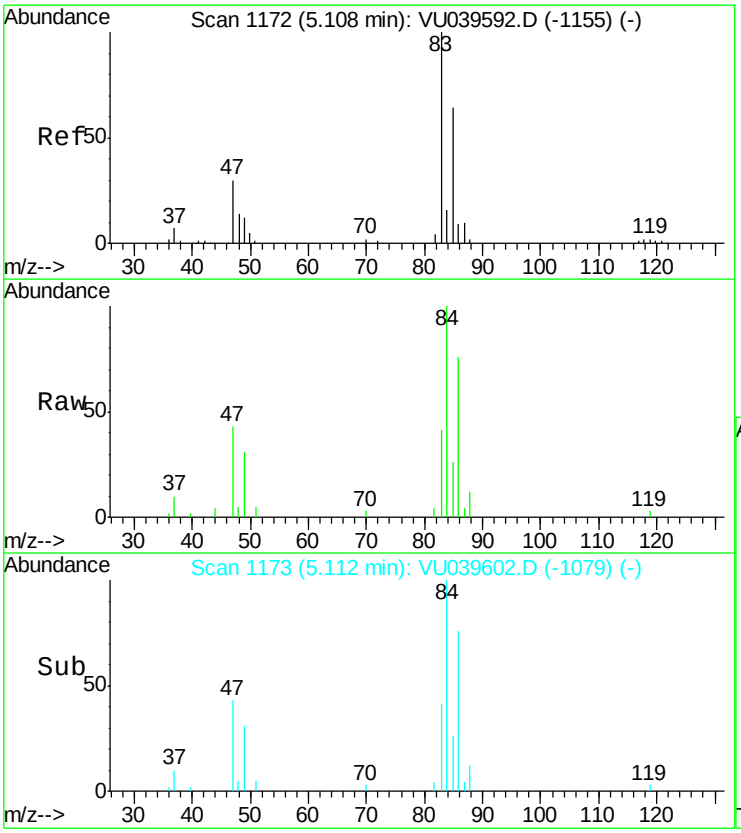
#14
Carbon disulfide
Concen: 0.116 ug/L
RT: 2.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: VU039602.D
Acq: 21 Jul 2020 17:19

Instrument :
MSVOA_U
ClientSampleId :
GAXZ2MS

Tgt Ion: 76 Resp: 1879

Ion	Ratio	Lower	Upper
76	100		
78	13.8	7.2	10.8#

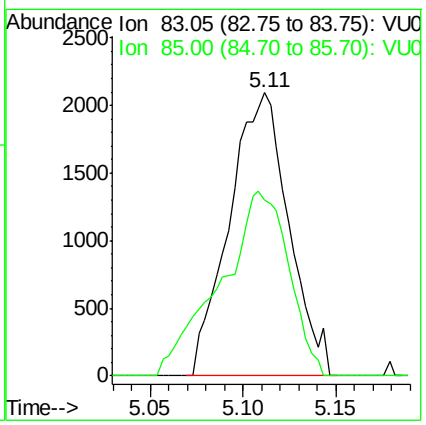


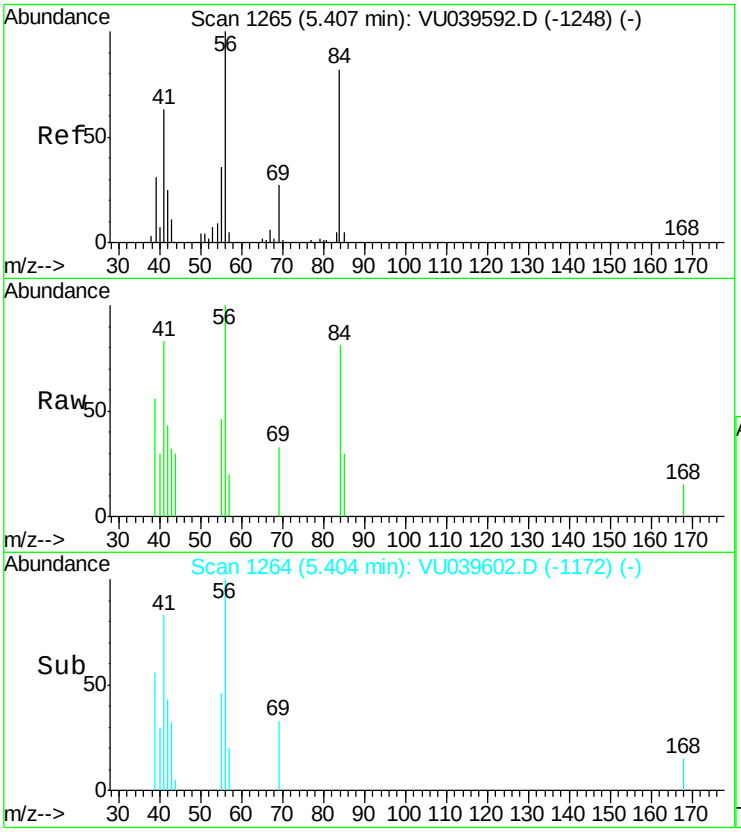


#25
Chloroform
Concen: 0.334 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU039602.D
Acq: 21 Jul 2020 17:19

Tgt Ion: 83 Resp: 4673

Ion	Ratio	Lower	Upper
83	100		
85	62.1	44.4	82.5



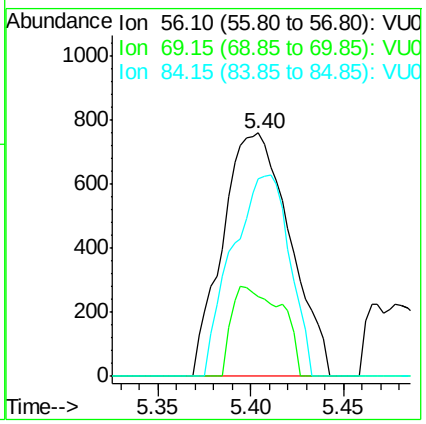


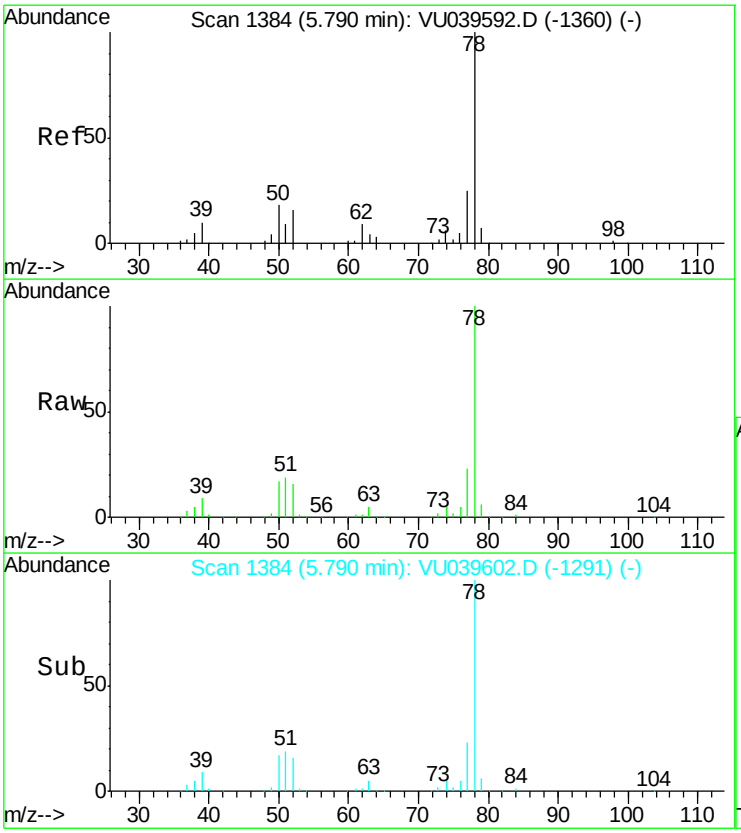
#30
Cyclohexane
Concen: 0.193 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU039602.D
Acq: 21 Jul 2020 17:19

Instrument :
MSVOA_U
ClientSampleId :
GAXZ2MS

Tgt Ion: 56 Resp: 1912

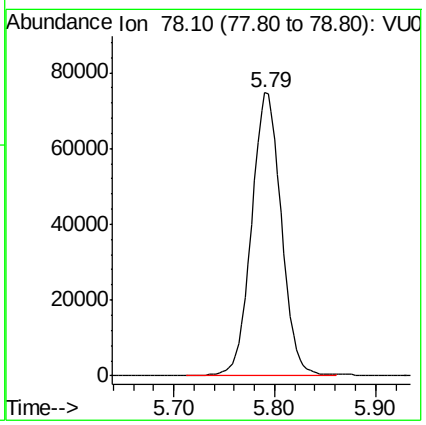
Ion	Ratio	Lower	Upper
56	100		
69	27.3	24.0	36.0
84	70.8	69.8	104.6

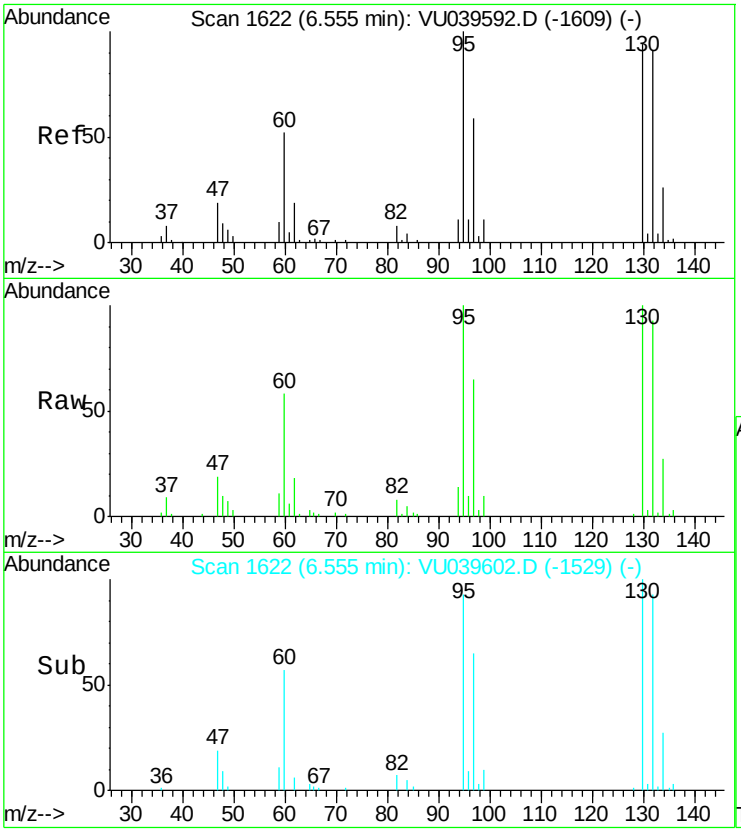




#33
Benzene
Concen: 5.980 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. -0.00 min
Lab File: VU039602.D
Acq: 21 Jul 2020 17:19

Tgt Ion: 78 Resp: 152836



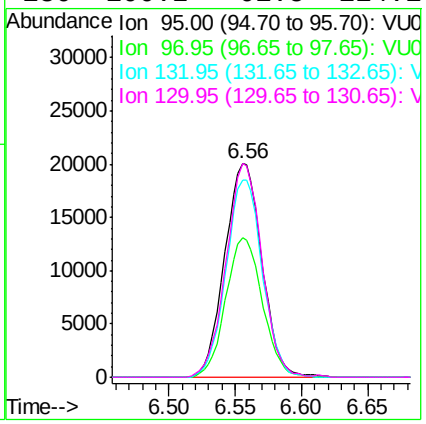


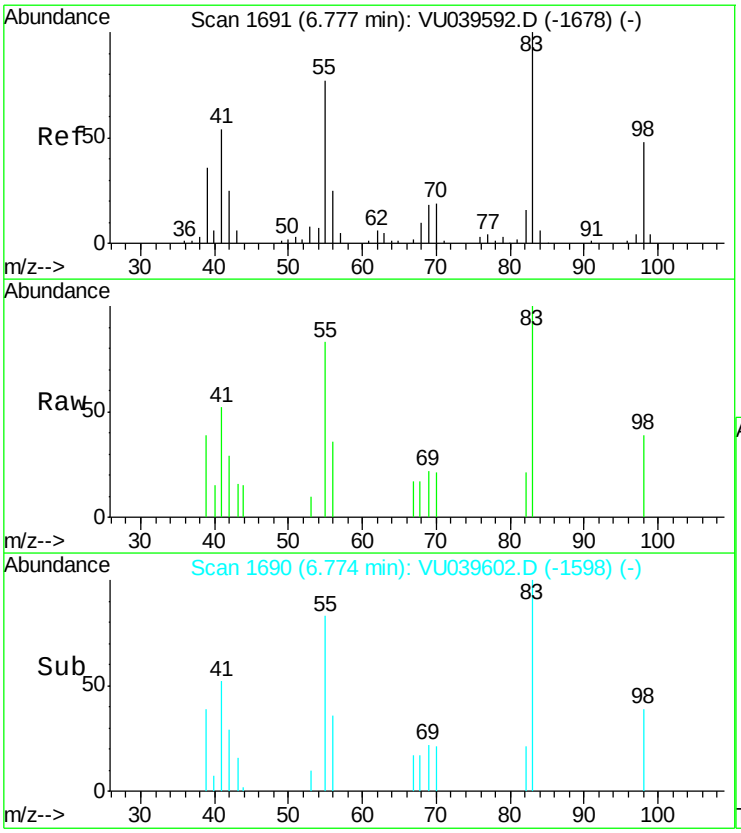
#34
Trichloroethene
Concen: 5.564 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. -0.00 min
Lab File: VU039602.D
Acq: 21 Jul 2020 17:19

Instrument :
MSVOA_U
ClientSampleId :
GAXZ2MS

Tgt Ion: 95 Resp: 39161

Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.9	83.3
132	92.7	62.8	116.6
130	100.2	61.5	114.1

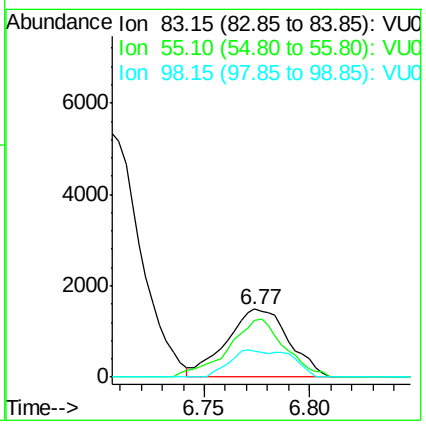


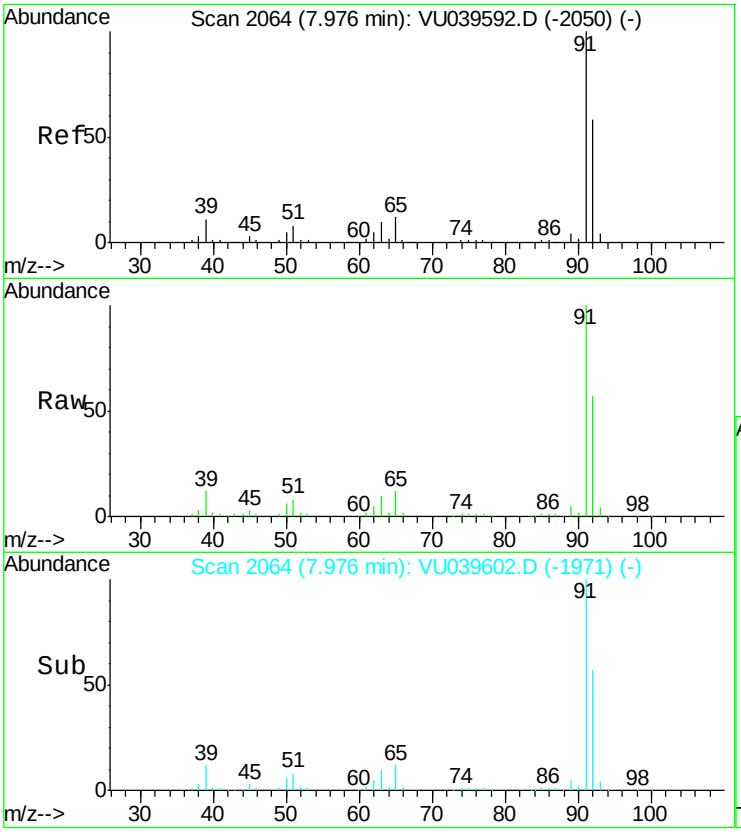


#35
Methylcyclohexane
Concen: 0.295 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VU039602.D
Acq: 21 Jul 2020 17:19

Tgt Ion: 83 Resp: 3054

Ion	Ratio	Lower	Upper
83	100		
55	77.3	63.0	94.6
98	24.3	35.3	52.9#



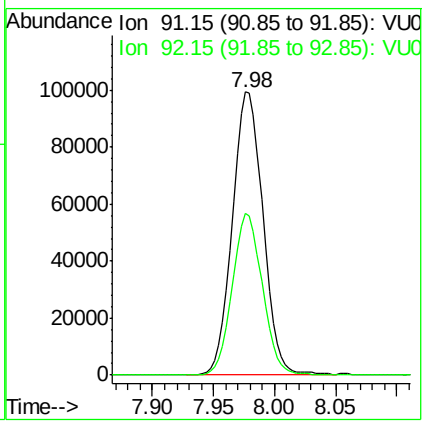


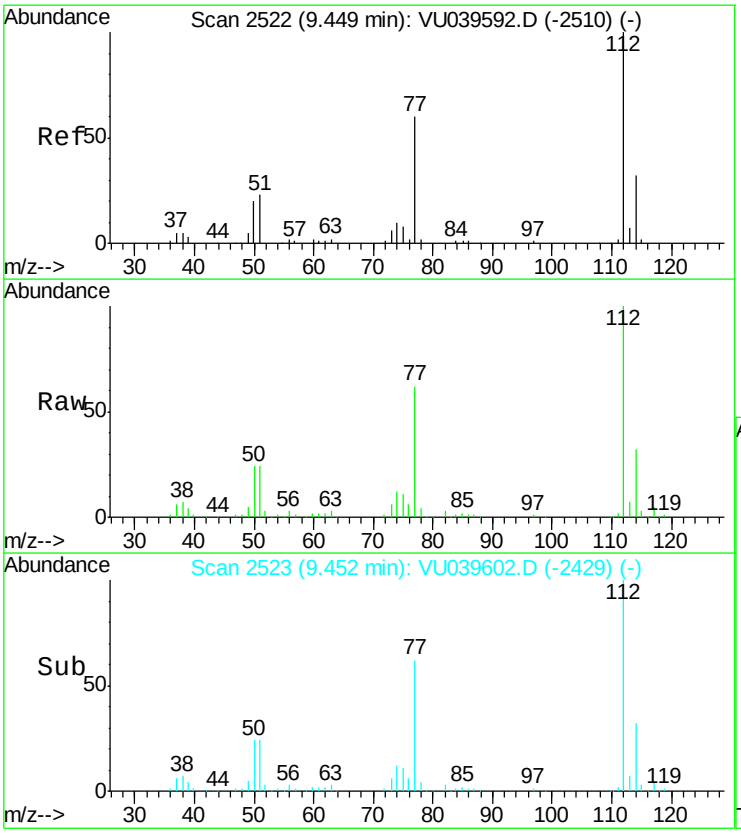
#42
Toluene
Concen: 6.188 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VU039602.D
Acq: 21 Jul 2020 17:19

Instrument : MSVOA_U
ClientSampleId : GAXZ2MS

Tgt Ion: 91 Resp: 173146

Ion	Ratio	Lower	Upper
91	100		
92	57.0	38.6	71.6

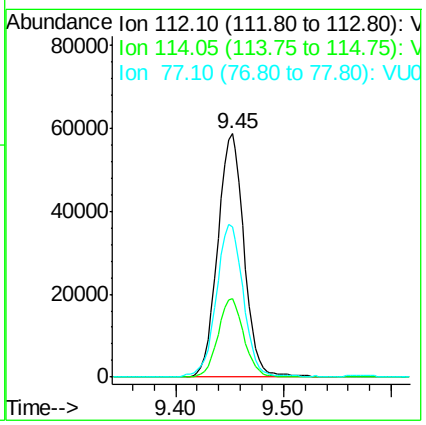


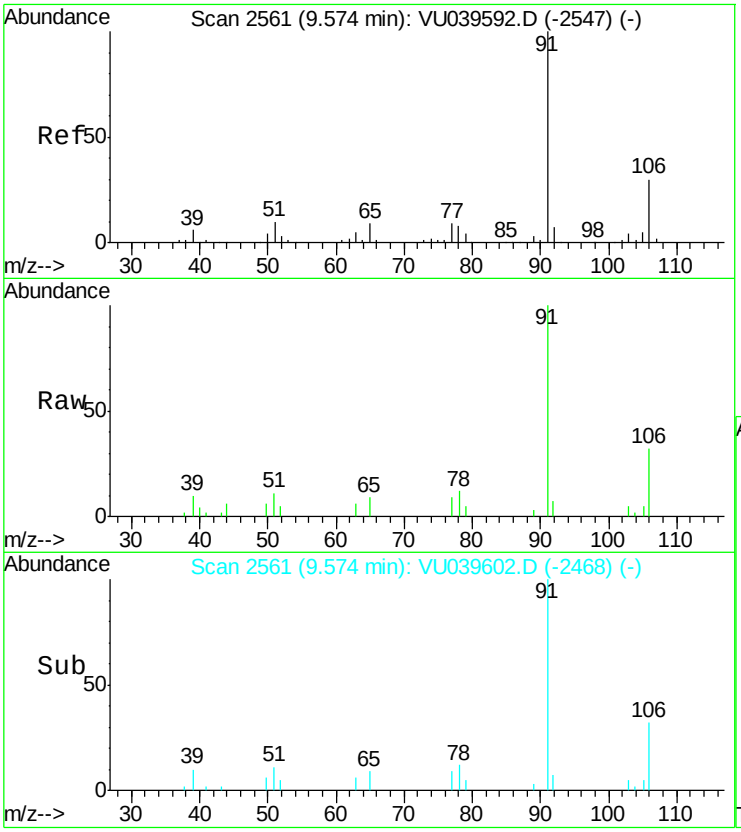


#51
Chlorobenzene
Concen: 5.552 ug/L
RT: 9.45 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VU039602.D
Acq: 21 Jul 2020 17:19

Tgt Ion:112 Resp: 99433

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.9	42.5
77	61.8	50.0	75.0



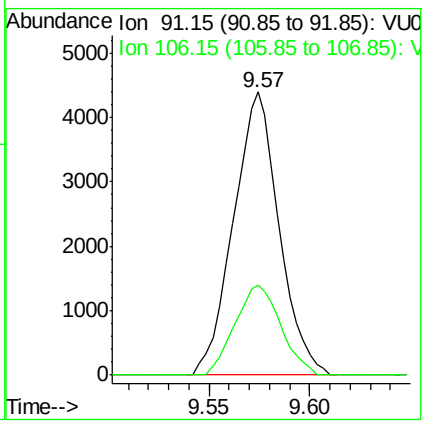


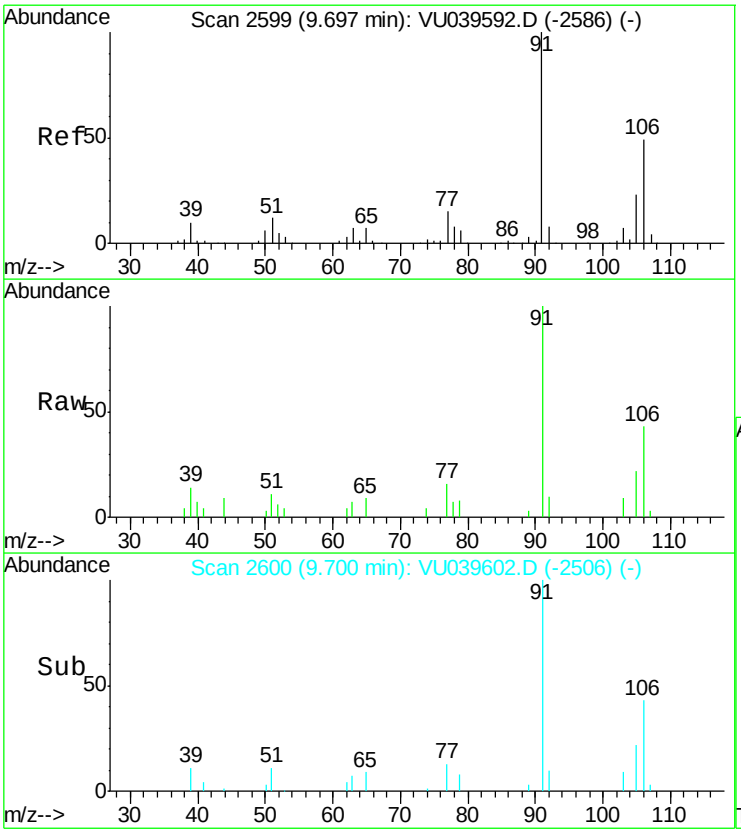
#52
Ethylbenzene
Concen: 0.218 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. -0.00 min
Lab File: VU039602.D
Acq: 21 Jul 2020 17:19

Instrument :
MSVOA_U
ClientSampleId :
GAXZ2MS

Tgt Ion: 91 Resp: 6947

Ion	Ratio	Lower	Upper
91	100		
106	32.0	21.3	39.6

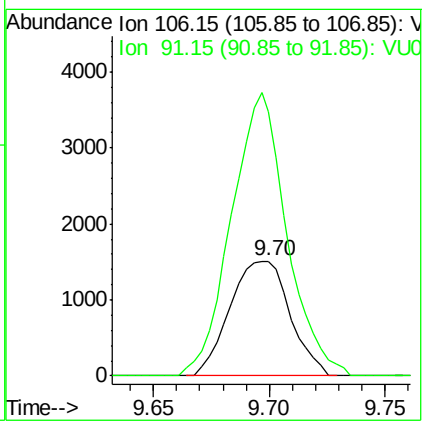


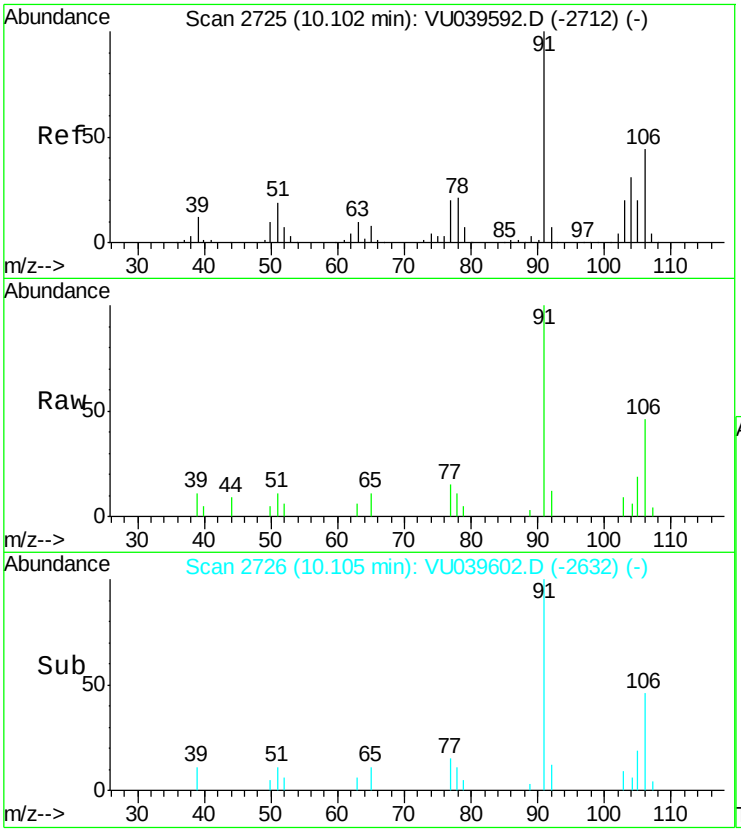


#53
m,p-Xylene
Concen: 0.229 ug/L
RT: 9.70 min Scan# 2600
Delta R.T. 0.00 min
Lab File: VU039602.D
Acq: 21 Jul 2020 17:19

Tgt Ion:106 Resp: 2716

Ion	Ratio	Lower	Upper
106	100		
91	230.5	149.3	277.3





#54
o-Xylene
Concen: 0.185 ug/L
RT: 10.10 min Scan# 2726
Delta R.T. 0.00 min
Lab File: VU039602.D
Acq: 21 Jul 2020 17:19

Instrument :
MSVOA_U
ClientSampleId :
GAXZ2MS

Tgt Ion:106 Resp: 2143

Ion	Ratio	Lower	Upper
106	100		
91	216.9	157.4	292.4