Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039607.D
Acq On : 21 Jul 2020 19:15
Operator : SY/MD
Sample : L3347-10MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY02MSD

Quant Time: Jul 22 03:26:39 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	114997	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	108675	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50949	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	33651	6.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 126.20%			
7) Chloroethane-d5	1.92	69	44048	7.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 151.20%#			
11) 1,1-Dichloroethene-d2	2.58	63	69756	5.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 116.40%			
20) 2-Butanone-d5	4.65	46	129222	53.67	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.34%			
24) Chloroform-d	5.08	84	63730	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.72	65	46616	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.20%			
32) Benzene-d6	5.75	84	140513	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.60%			
36) 1,2-Dichloropropane-d6	6.70	67	46981	5.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.20%			
41) Toluene-d8	7.91	98	128309	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.60%			
43) trans-1,3-Dichloropropene-	8.19	79	18680	4.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.80%			
46) 2-Hexanone-d5	8.64	63	98815	54.05	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.10%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	38638	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	47613	5.20	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.59	96	29145	5.359	ug/L	93
13) Acetone	2.66	43	3397	2.535	ug/L	96
21) 2-Butanone	4.73	43	2851	1.228	ug/L	99
25) Chloroform	5.11	83	10363	0.734	ug/L	99
33) Benzene	5.79	78	158949	6.087	ug/L	100
34) Trichloroethene	6.56	95	40925	5.691	ug/L	97
42) Toluene	7.98	91	184038	6.438	ug/L	96
47) Tetrachloroethene	8.56	164	856	0.174	ug/L	90
51) Chlorobenzene	9.45	112	103325	5.647	ug/L	99
52) Ethylbenzene	9.57	91	14525	0.447	ug/L	96
53) m,p-Xylene	9.69	106	3051	0.251	ug/L	77
54) o-Xylene	10.10	106	3011	0.254	ug/L	87

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

Quantitation Report (QT Reviewed)

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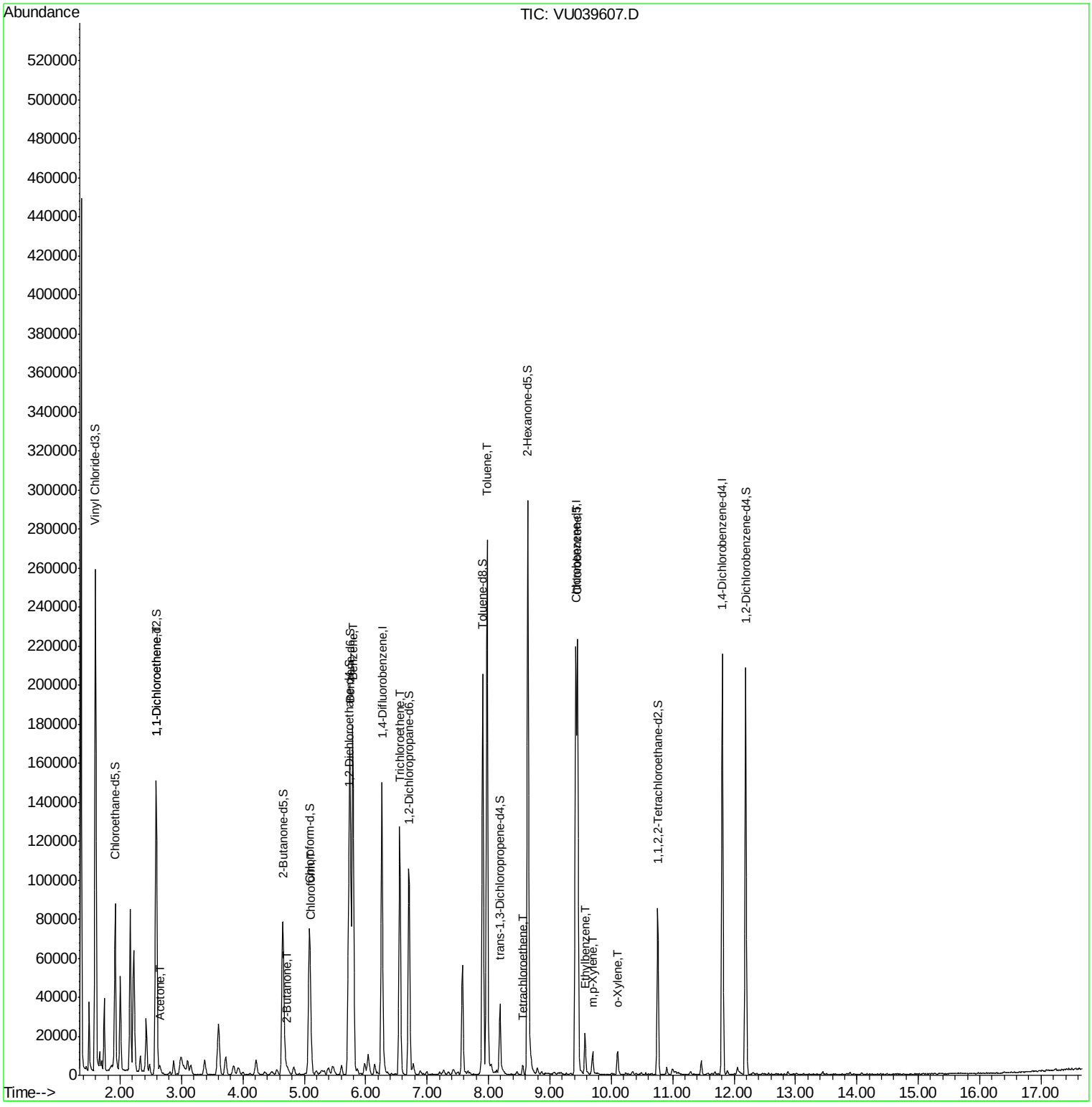
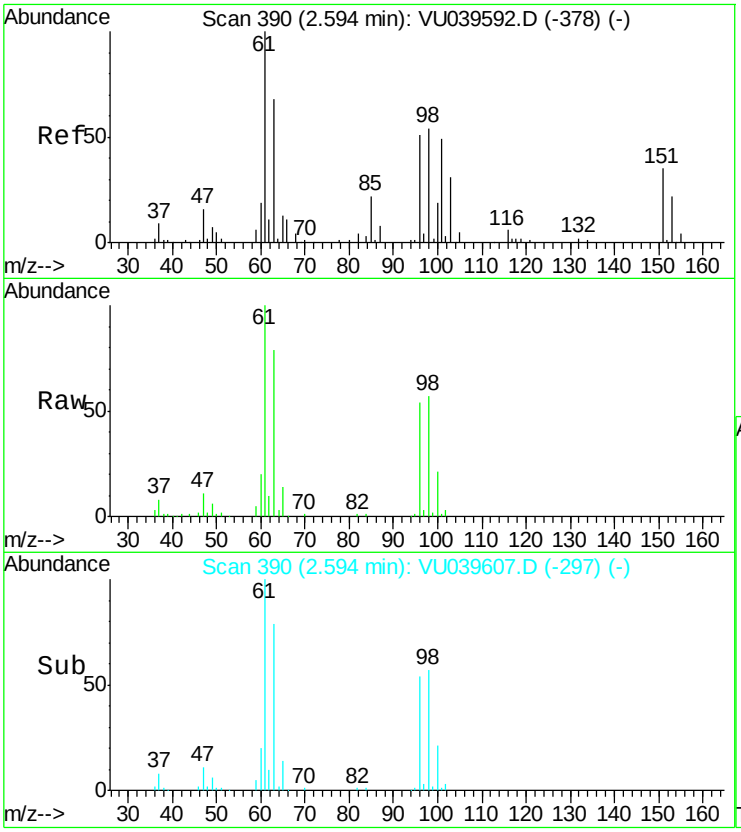
Acq On : 21 Jul 2020 19:15
Operator : SY/MD
Sample : L3347-10MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAY02MSD

Quant Time: Jul 22 03:26:39 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



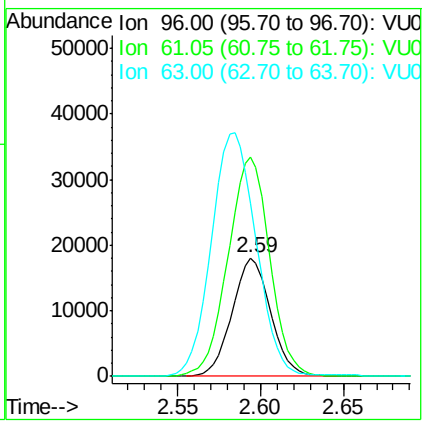


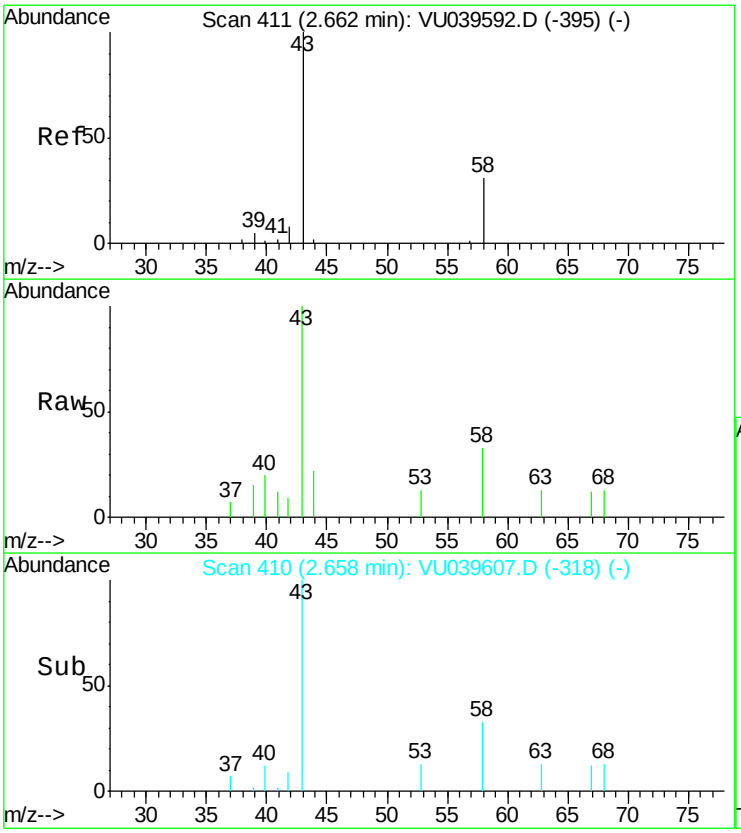
#12
1,1-Dichloroethene
Concen: 5.359 ug/L
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU039607.D
Acq: 21 Jul 2020 19:15

Instrument :
MSVOA_U
ClientSampleId :
GAY02MSD

Tgt Ion: 96 Resp: 29145

Ion	Ratio	Lower	Upper
96	100		
61	185.5	129.1	239.7
63	146.6	89.7	166.7

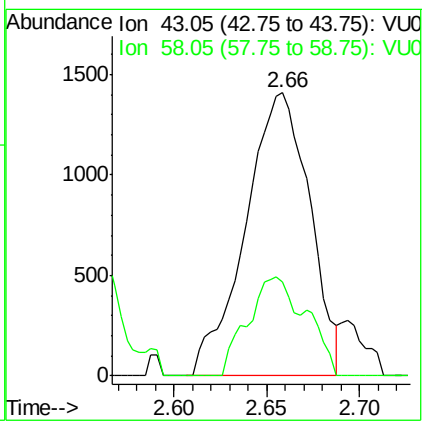


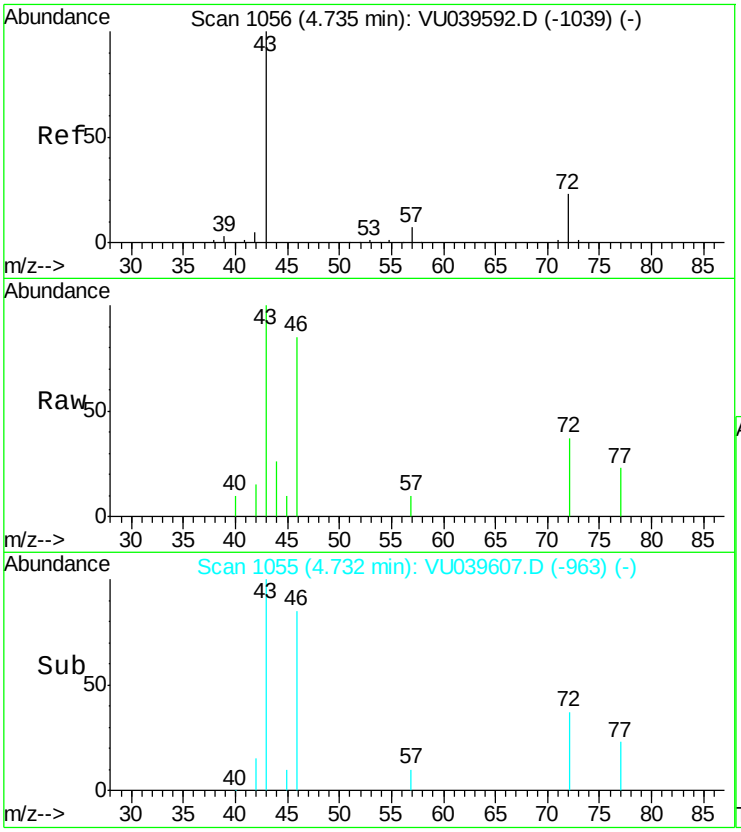


#13
Acetone
Concen: 2.535 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.00 min
Lab File: VU039607.D
Acq: 21 Jul 2020 19:15

Tgt Ion: 43 Resp: 3397

Ion	Ratio	Lower	Upper
43	100		
58	31.8	0.0	59.0



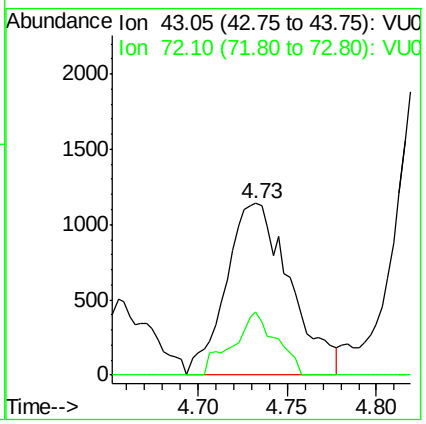


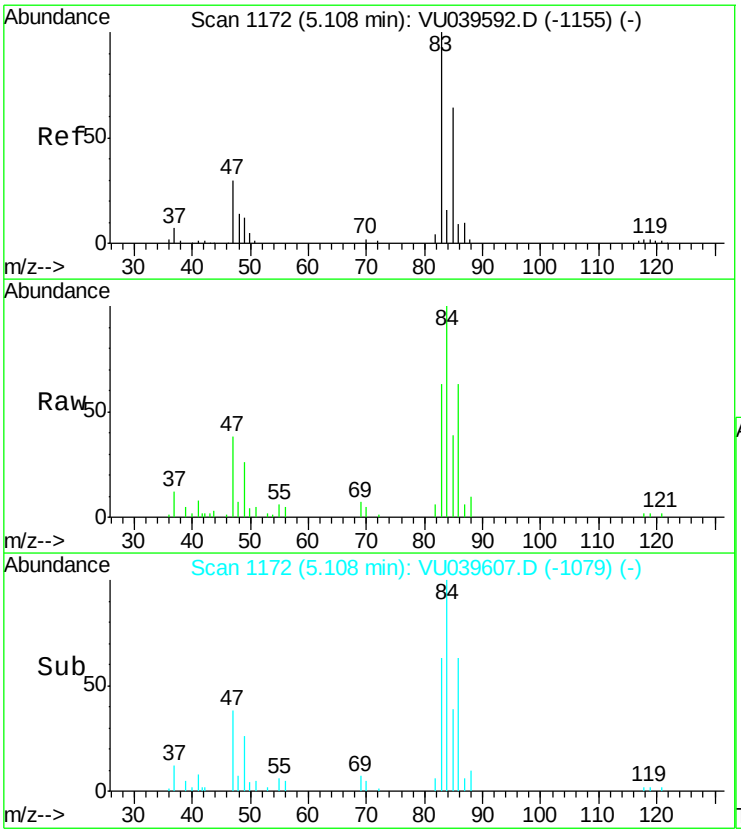
#21
2-Butanone
Concen: 1.228 ug/L
RT: 4.73 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VU039607.D
Acq: 21 Jul 2020 19:15

Instrument : MSVOA_U
ClientSampleId : GAY02MSD

Tgt Ion: 43 Resp: 2851

Ion	Ratio	Lower	Upper
43	100		
72	24.9	12.2	36.4

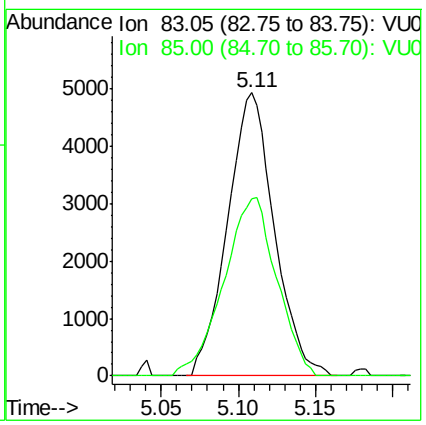


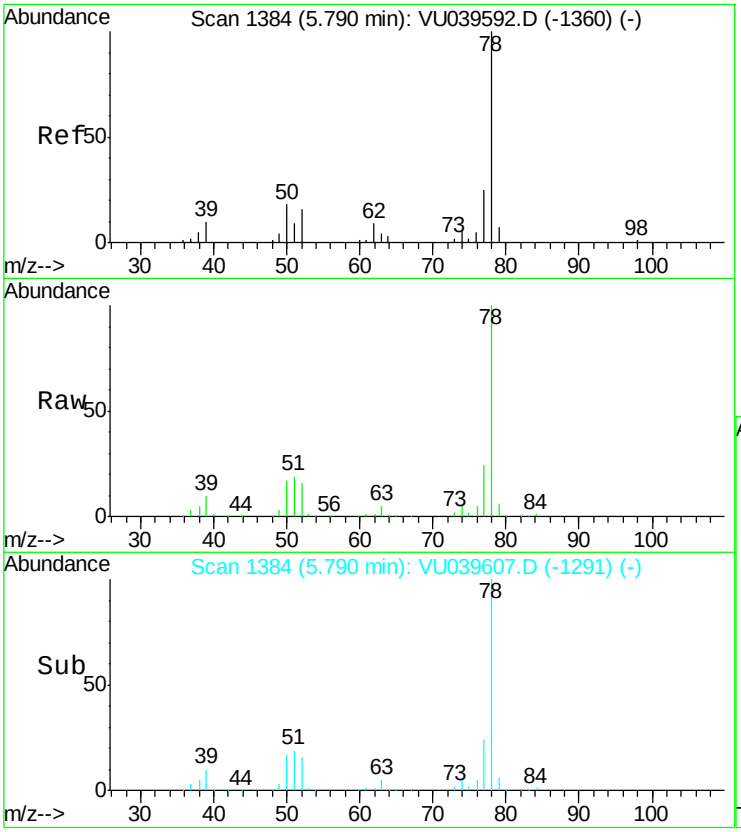


#25
Chloroform
Concen: 0.734 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039607.D
Acq: 21 Jul 2020 19:15

Tgt Ion: 83 Resp: 10363

Ion	Ratio	Lower	Upper
83	100		
85	62.7	44.4	82.5

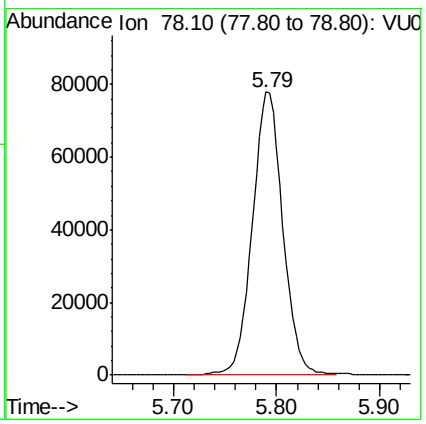


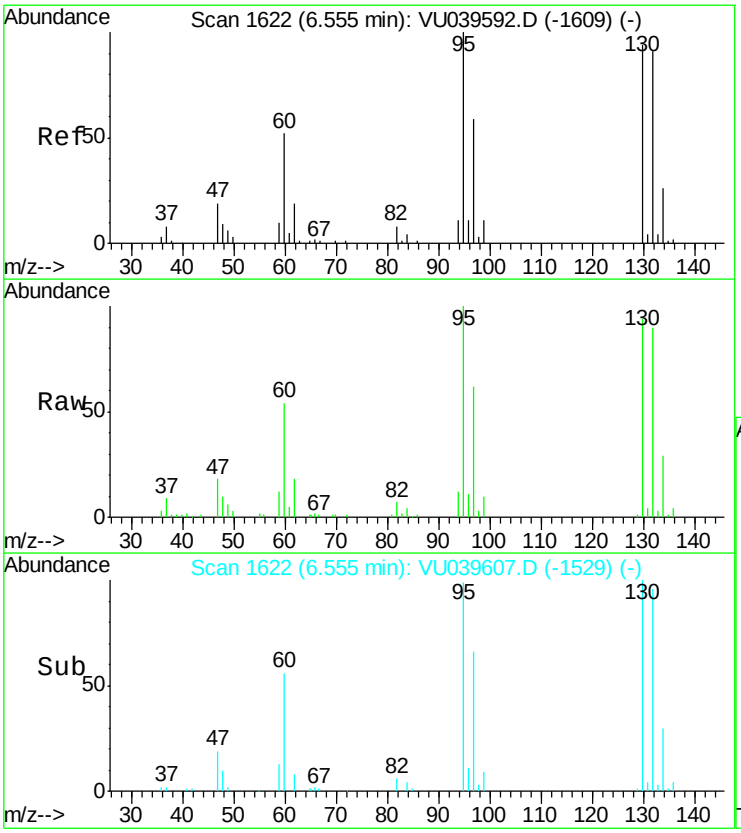


#33
Benzene
Concen: 6.087 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU039607.D
Acq: 21 Jul 2020 19:15

Instrument :
MSVOA_U
ClientSampleId :
GAY02MSD

Tgt Ion: 78 Resp: 158949

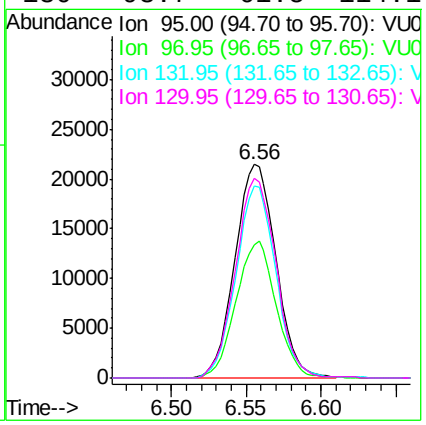


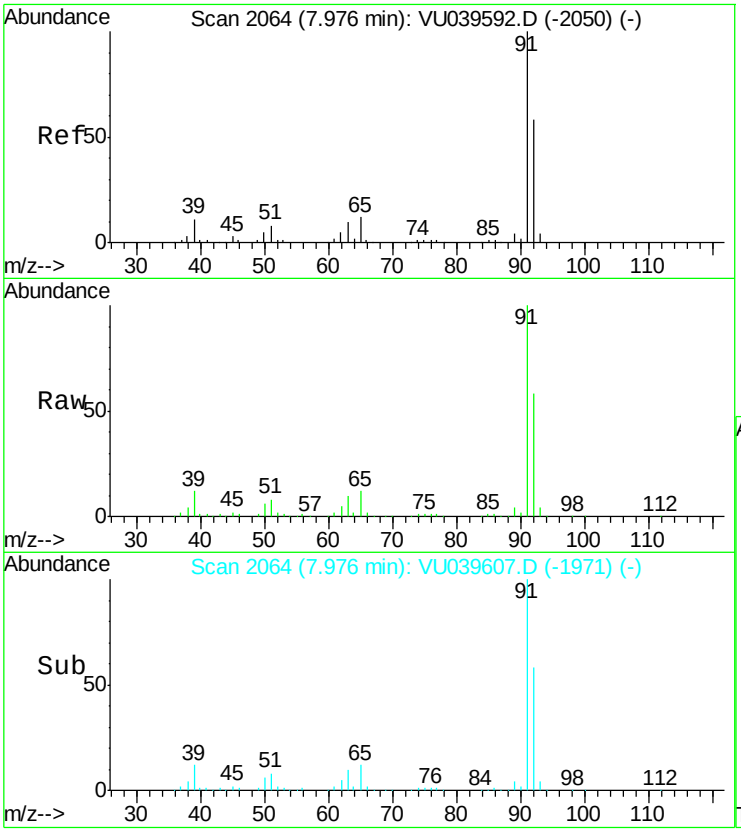


#34
Trichloroethene
Concen: 5.691 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU039607.D
Acq: 21 Jul 2020 19:15

Tgt Ion: 95 Resp: 40925

Ion	Ratio	Lower	Upper
95	100		
97	62.2	44.9	83.3
132	89.9	62.8	116.6
130	93.7	61.5	114.1



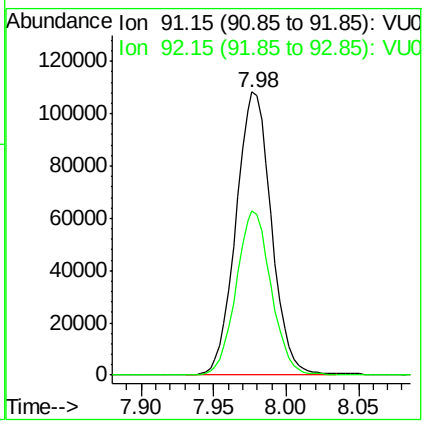


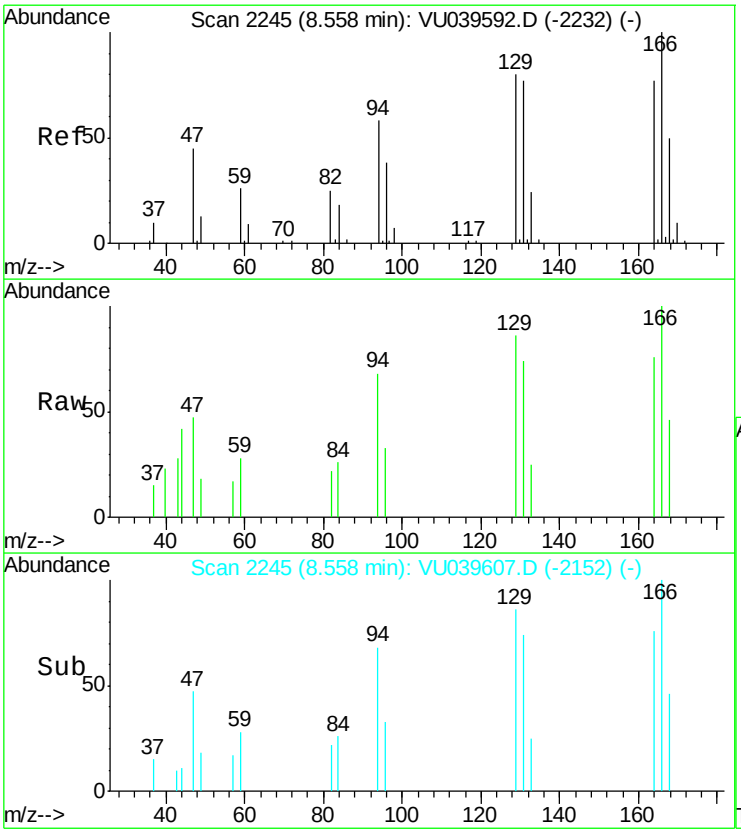
#42
Toluene
Concen: 6.438 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU039607.D
Acq: 21 Jul 2020 19:15

Instrument :
MSVOA_U
ClientSampleId :
GAY02MSD

Tgt Ion: 91 Resp: 184038

Ion	Ratio	Lower	Upper
91	100		
92	58.1	38.6	71.6

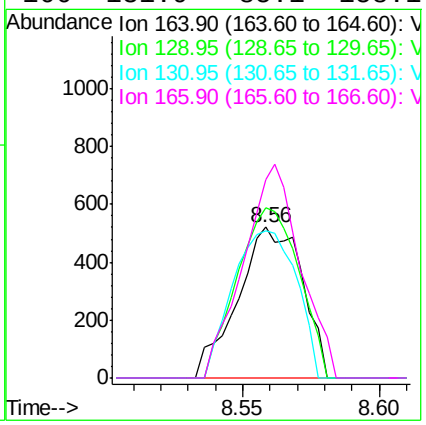


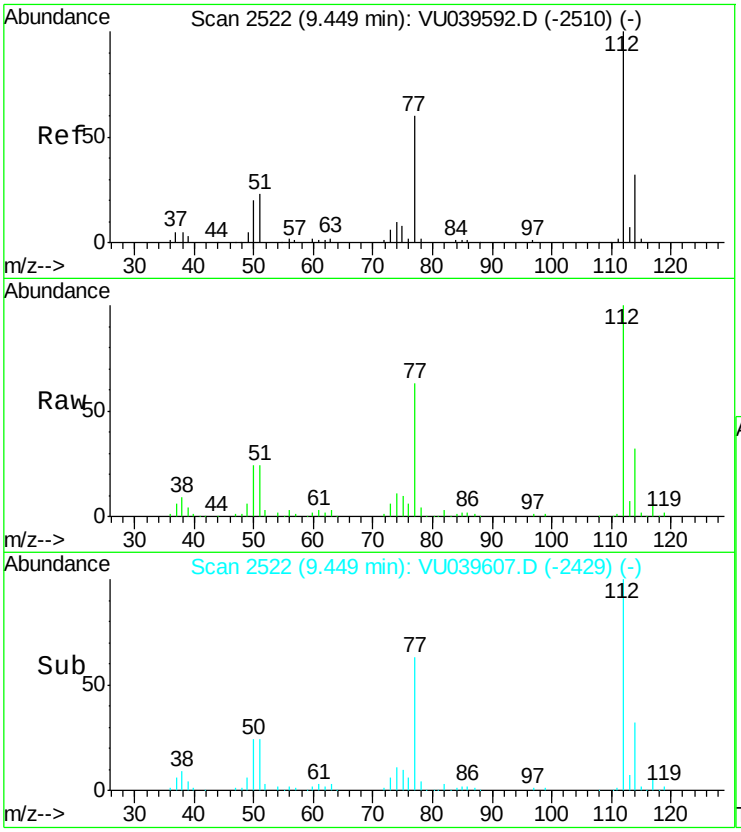


#47
Tetrachloroethene
Concen: 0.174 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU039607.D
Acq: 21 Jul 2020 19:15

Tgt Ion:164 Resp: 856

Ion	Ratio	Lower	Upper
164	100		
129	113.5	67.9	126.1
131	97.5	64.7	120.1
166	131.9	85.1	158.1



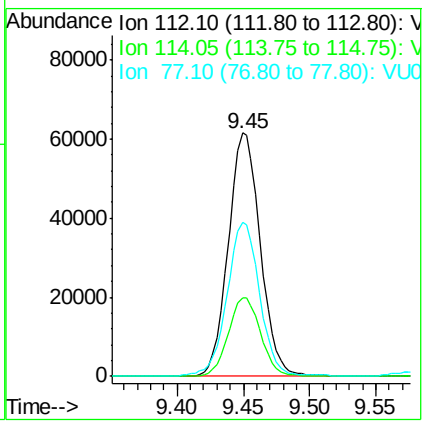


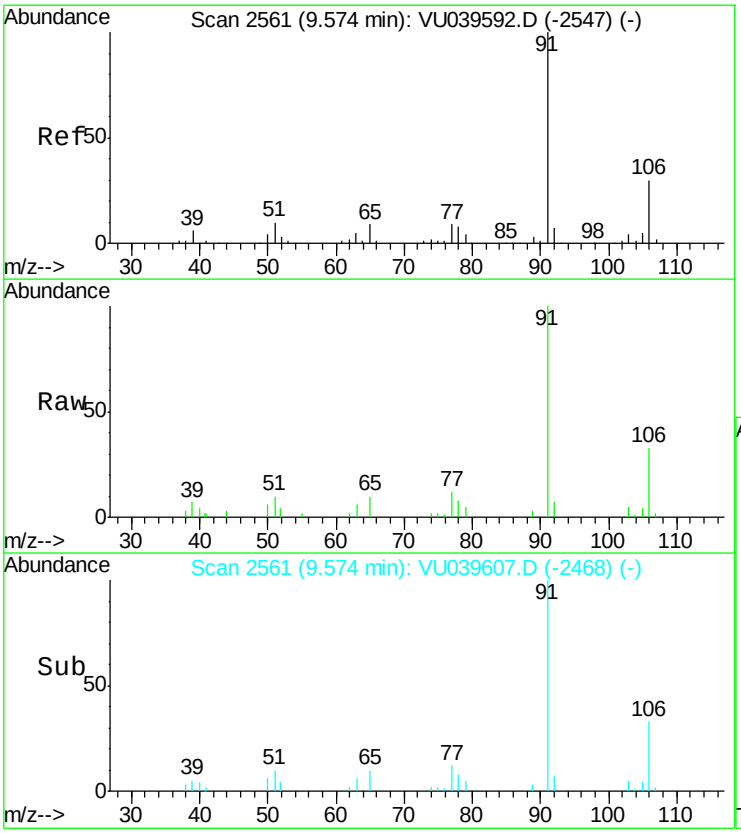
#51
Chlorobenzene
Concen: 5.647 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU039607.D
Acq: 21 Jul 2020 19:15

Instrument : MSVOA_U
ClientSampleId : GAY02MSD

Tgt Ion:112 Resp: 103325

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.9	42.5
77	63.4	50.0	75.0

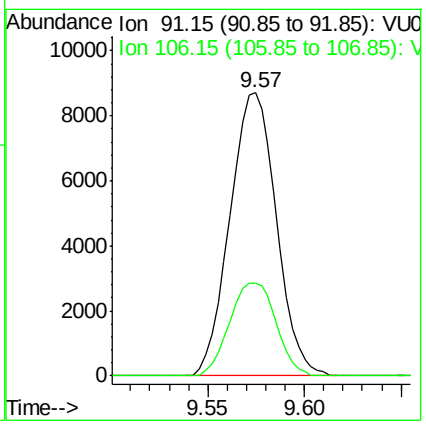


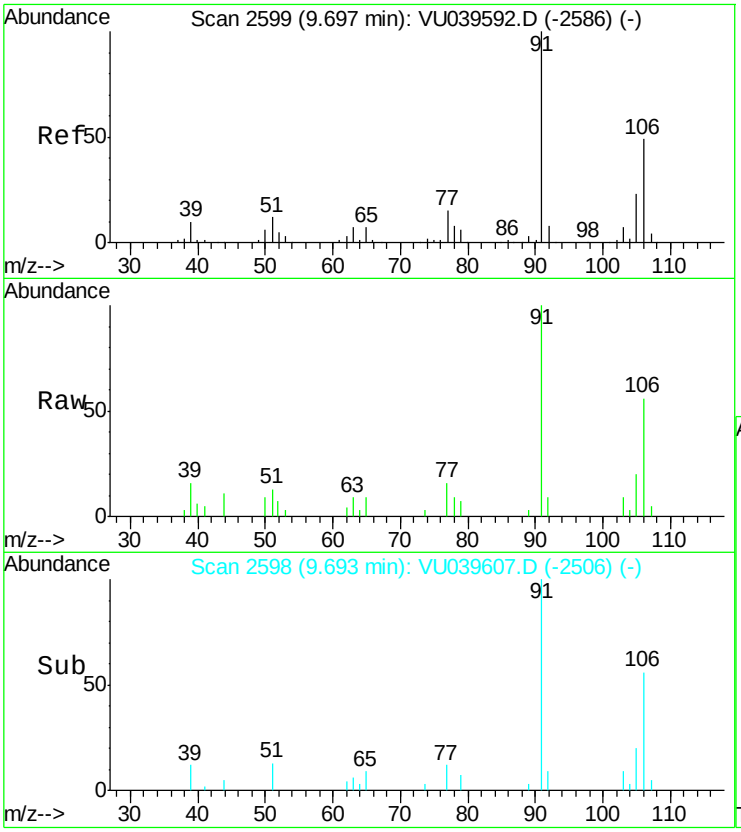


#52
Ethylbenzene
Concen: 0.447 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU039607.D
Acq: 21 Jul 2020 19:15

Tgt Ion: 91 Resp: 14525

Ion	Ratio	Lower	Upper
91	100		
106	32.7	21.3	39.6



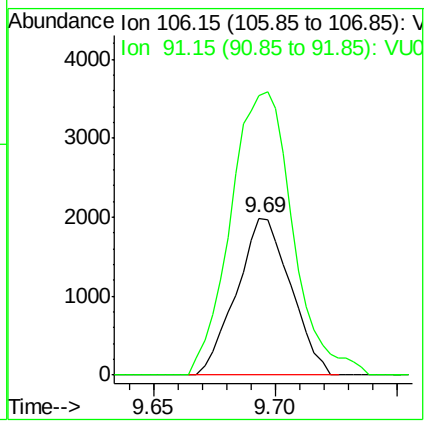


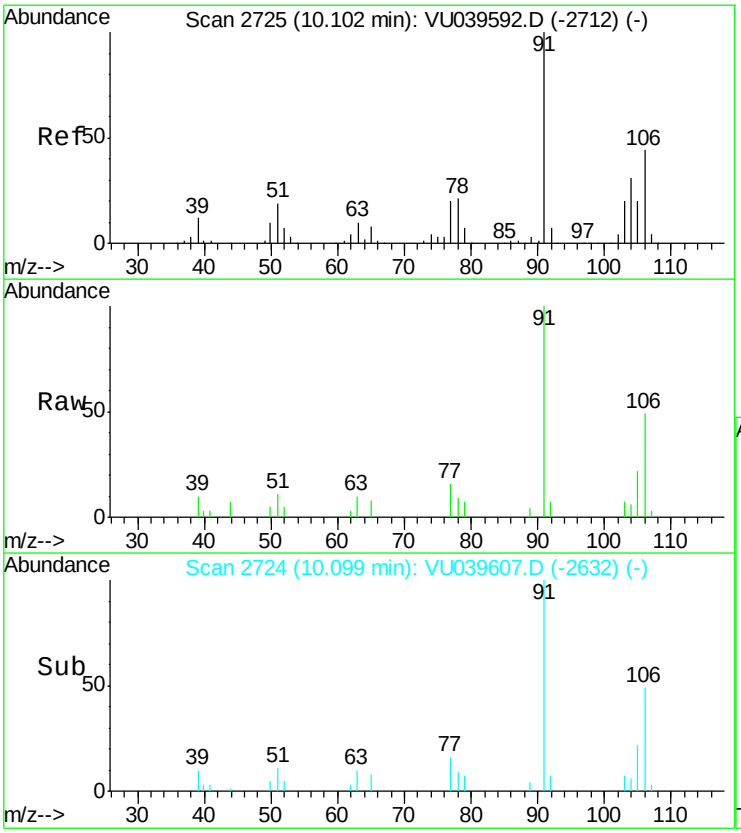
#53
m,p-Xylene
Concen: 0.251 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU039607.D
Acq: 21 Jul 2020 19:15

Instrument :
MSVOA_U
ClientSampleId :
GAY02MSD

Tgt Ion:106 Resp: 3051

Ion	Ratio	Lower	Upper
106	100		
91	177.8	149.3	277.3





#54
o-Xylene
Concen: 0.254 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU039607.D
Acq: 21 Jul 2020 19:15

Tgt Ion:106 Resp: 3011

Ion	Ratio	Lower	Upper
106	100		
91	203.8	157.4	292.4