Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080820\
Data File : VU039803.D
Acq On : 08 Aug 2020 11:44
Operator : SY/MD
Sample : L3590-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4L17

Quant Time: Aug 10 04:55:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 10 01:16:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	67898	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65868	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32694	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	14322	3.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.20%			
7) Chloroethane-d5	1.92	69	16165	4.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.60%			
11) 1,1-Dichloroethene-d2	2.57	63	27108	3.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.40%			
20) 2-Butanone-d5	4.72	46	86141	53.42	ug/L	0.06
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.84%			
24) Chloroform-d	5.08	84	40234	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
26) 1,2-Dichloroethane-d4	5.72	65	26410	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	5.74	84	70658	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.20%			
36) 1,2-Dichloropropane-d6	6.71	67	26574	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.00%			
41) Toluene-d8	7.90	98	53387	3.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.80%			
43) trans-1,3-Dichloropropene-	8.19	79	8838	4.29	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.80%			
46) 2-Hexanone-d5	8.65	63	57962	52.06	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.12%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24570	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	28332	5.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.60	62	3978	0.721	ug/L #	67
13) Acetone	2.74	43	24039	25.286	ug/L	64
18) trans-1,2-Dichloroethene	3.36	96	2217	0.492	ug/L	93
22) cis-1,2-Dichloroethene	4.68	96	1416	0.289	ug/L	99
25) Chloroform	5.11	83	2416	0.270	ug/L	80
33) Benzene	5.79	78	6746	0.376	ug/L	100
34) Trichloroethene	6.55	95	2035	0.437	ug/L	95
40) 4-Methyl-2-pentanone	7.81	43	11884	3.336	ug/L	96
42) Toluene	7.97	91	5609	0.297	ug/L	88
52) Ethylbenzene	9.57	91	1749	0.083	ug/L	95
53) m,p-Xylene	9.69	106	2042	0.254	ug/L	99

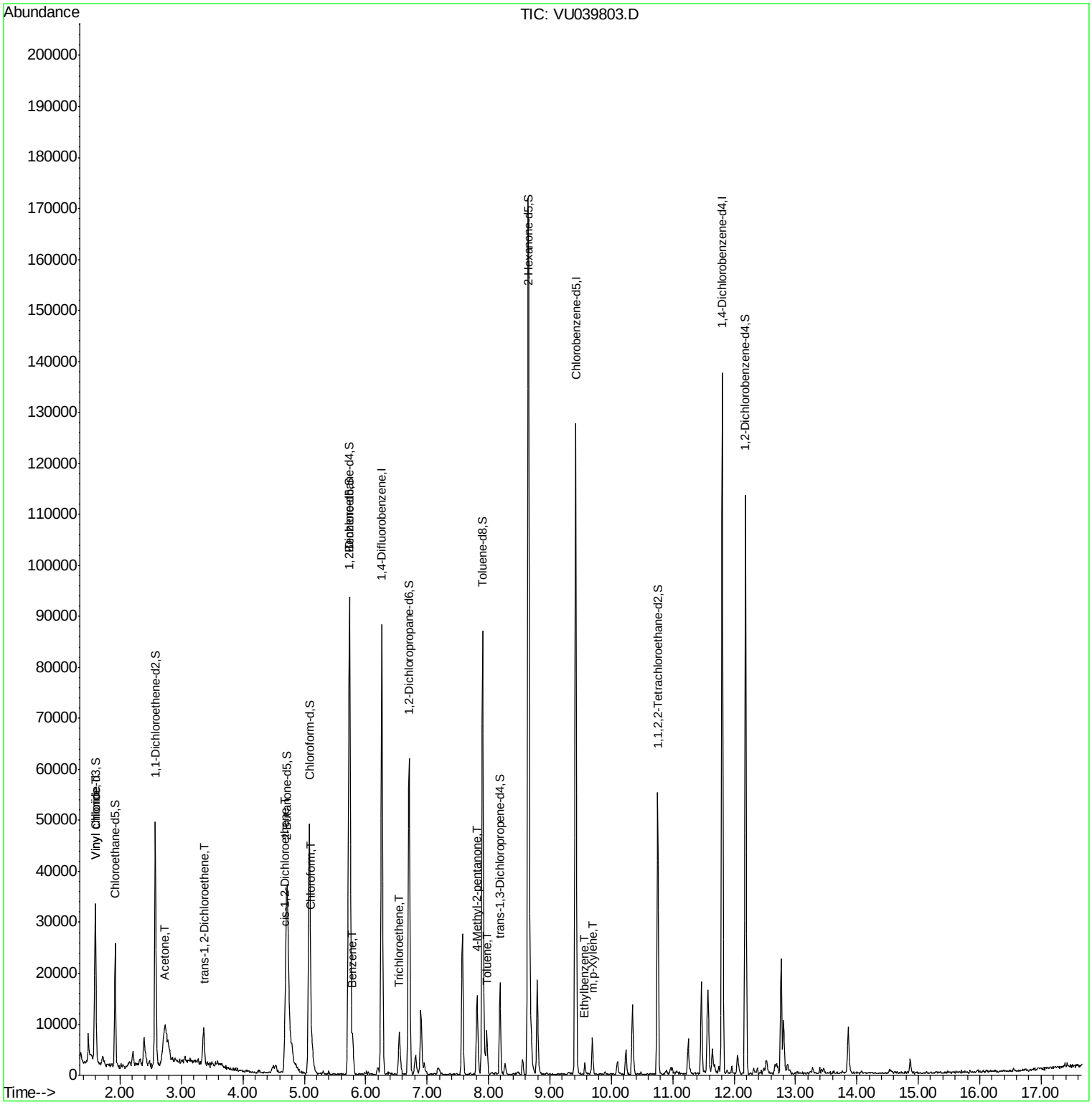
(#) = qualifier out of range (m) = manual integration (+) = signals summed

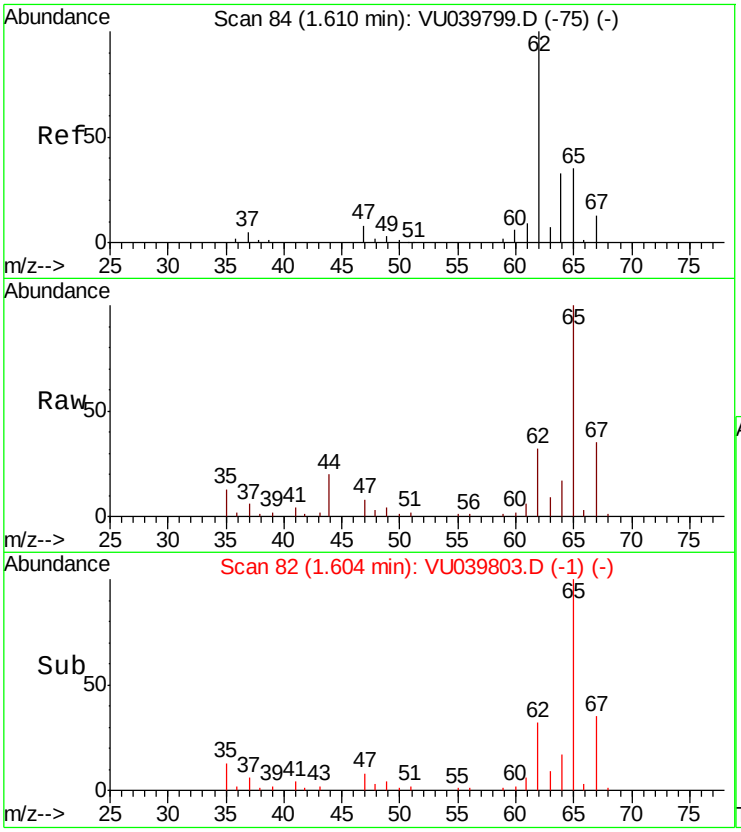
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080820\
Data File : VU039803.D
Acq On : 08 Aug 2020 11:44
Operator : SY/MD
Sample : L3590-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4L17

Quant Time: Aug 10 04:55:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 10 01:16:49 2020
Response via : Initial Calibration



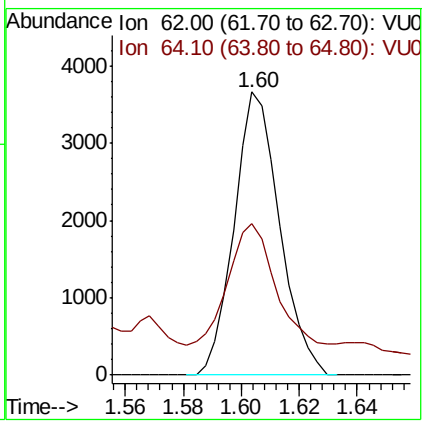


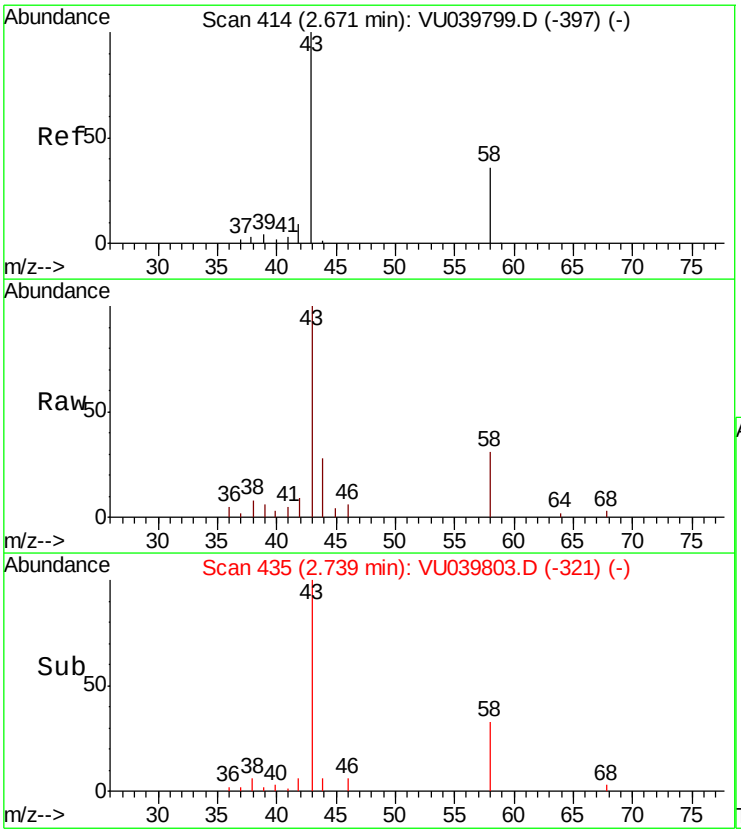
#5
Vinyl chloride
Concen: 0.721 ug/L
RT: 1.60 min Scan# 82
Delta R.T. -0.01 min
Lab File: VU039803.D
Acq: 08 Aug 2020 11:44

Instrument : MSVOA_U
ClientSampleId : F4L17

Tgt Ion: 62 Resp: 3978

Ion	Ratio	Lower	Upper
62	100		
64	53.6	24.1	44.7#

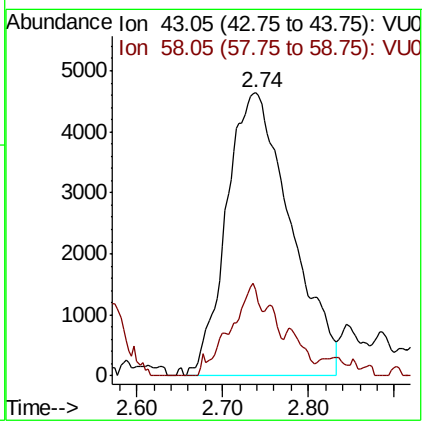


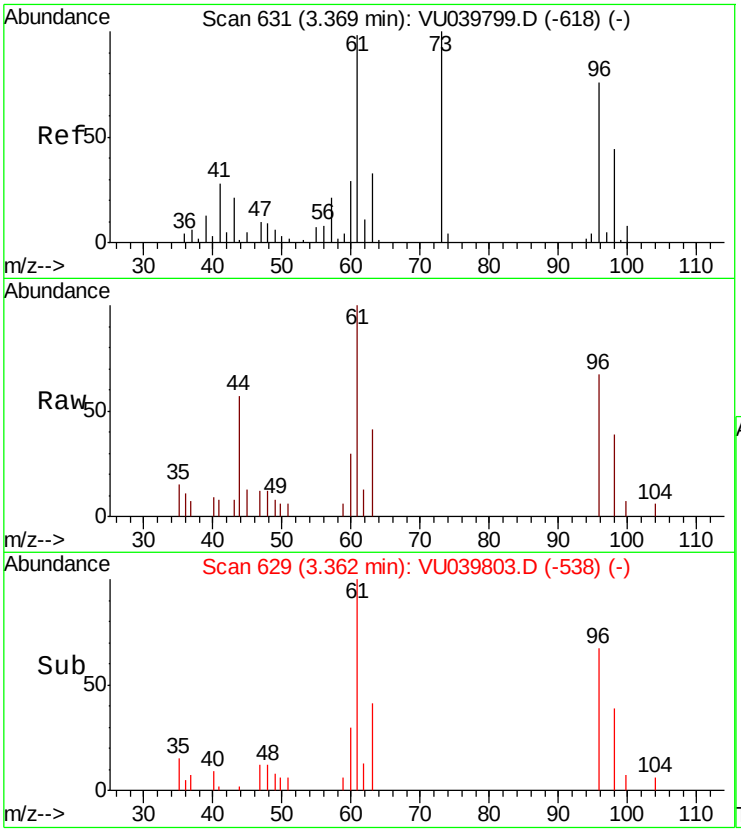


#13
Acetone
Concen: 25.286 ug/L
RT: 2.74 min Scan# 435
Delta R.T. 0.07 min
Lab File: VU039803.D
Acq: 08 Aug 2020 11:44

Tgt Ion: 43 Resp: 24039

Ion	Ratio	Lower	Upper
43	100		
58	11.2	0.0	61.8



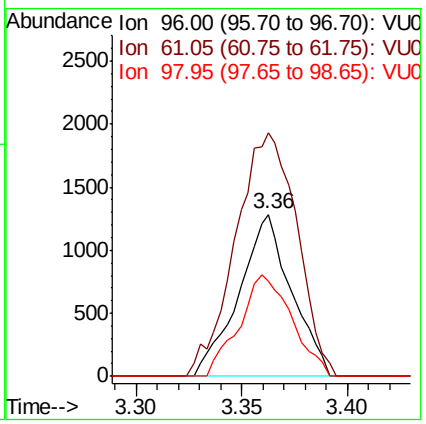


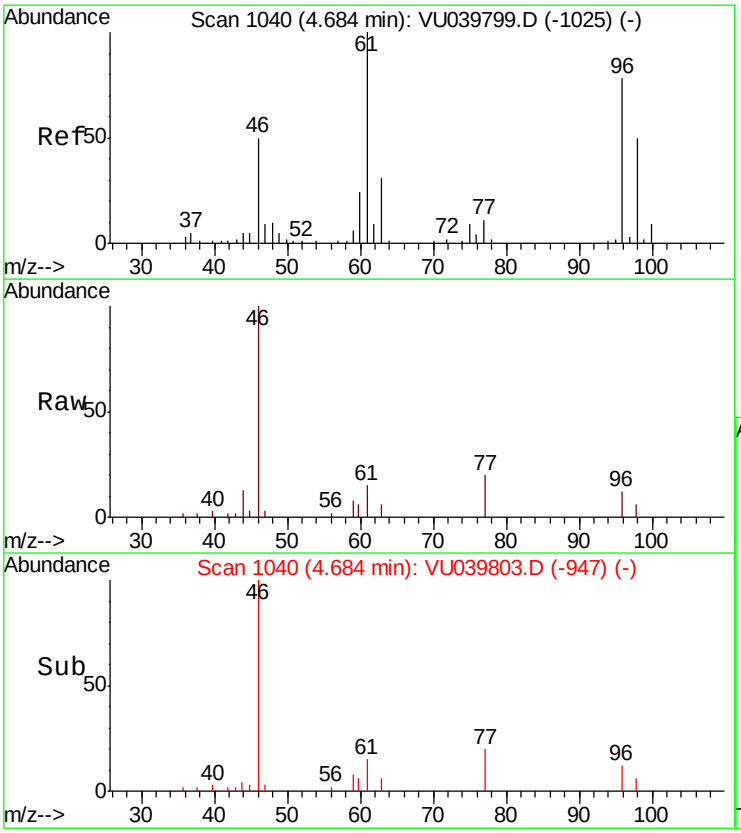
#18
trans-1,2-Dichloroethene
Concen: 0.492 ug/L
RT: 3.36 min Scan# 629
Delta R.T. -0.01 min
Lab File: VU039803.D
Acq: 08 Aug 2020 11:44

Instrument : MSVOA_U
ClientSampleId : F4L17

Tgt Ion: 96 Resp: 2217

Ion	Ratio	Lower	Upper
96	100		
61	150.3	96.5	179.1
98	59.1	40.9	76.0

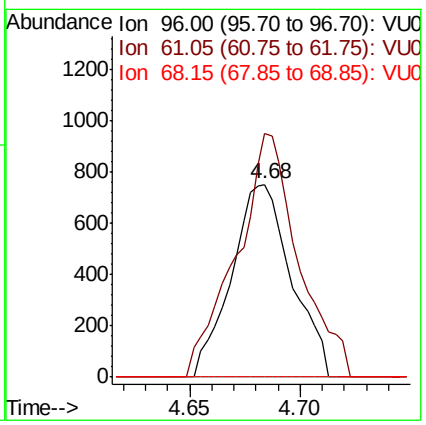


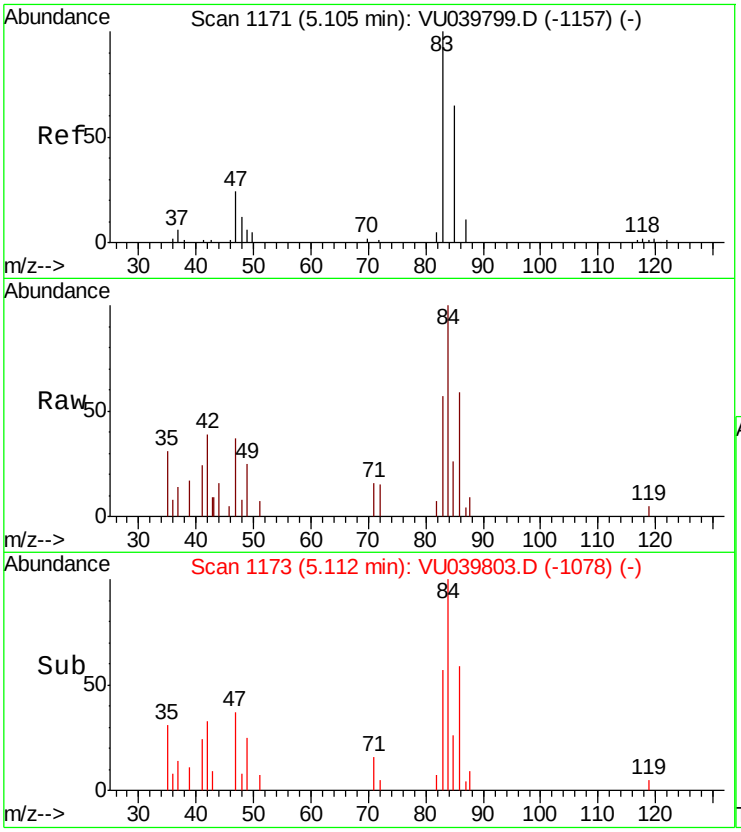


#22
cis-1,2-Dichloroethene
Concen: 0.289 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VU039803.D
Acq: 08 Aug 2020 11:44

Tgt Ion: 96 Resp: 1416

Ion	Ratio	Lower	Upper
96	100		
61	126.5	87.4	162.2
68	0.0	0.0	0.0



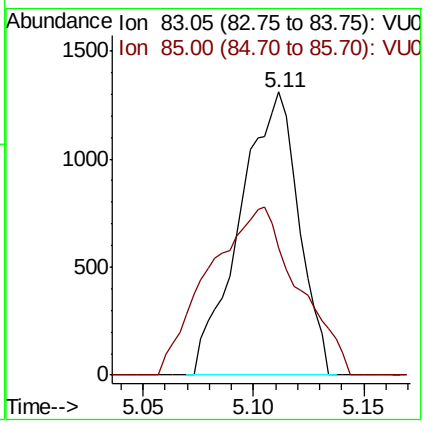


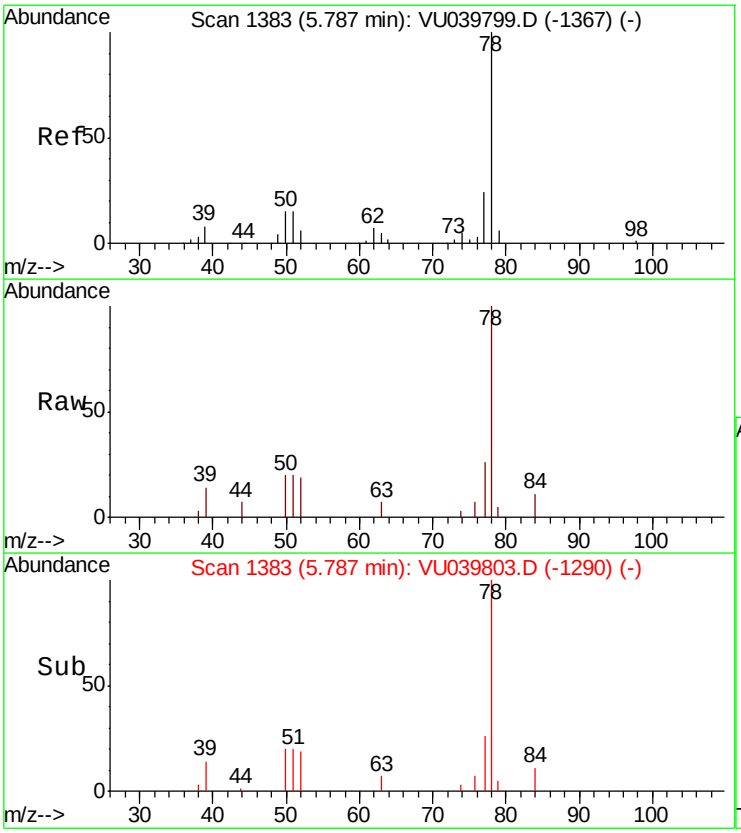
#25
Chloroform
Concen: 0.270 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU039803.D
Acq: 08 Aug 2020 11:44

Instrument :
MSVOA_U
ClientSampleId :
F4L17

Tgt Ion: 83 Resp: 2416

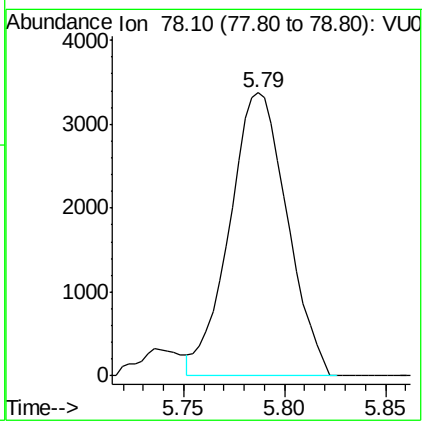
Ion	Ratio	Lower	Upper
83	100		
85	44.8	42.1	78.3

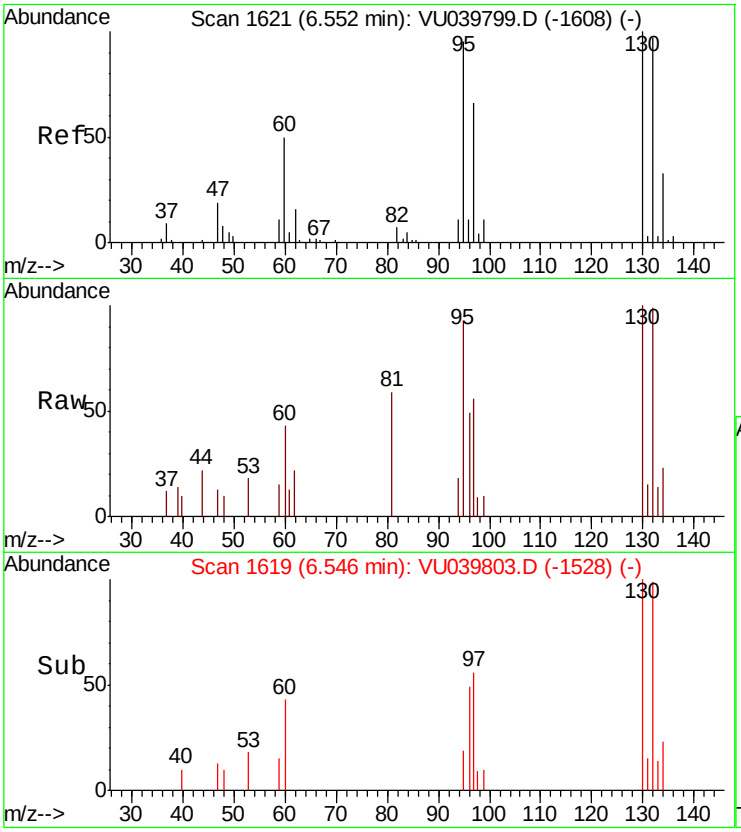




#33
Benzene
Concen: 0.376 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU039803.D
Acq: 08 Aug 2020 11:44

Tgt Ion: 78 Resp: 6746



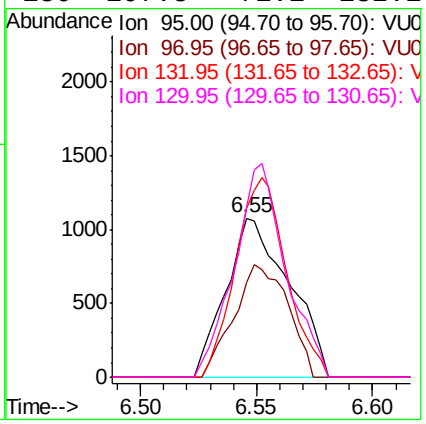


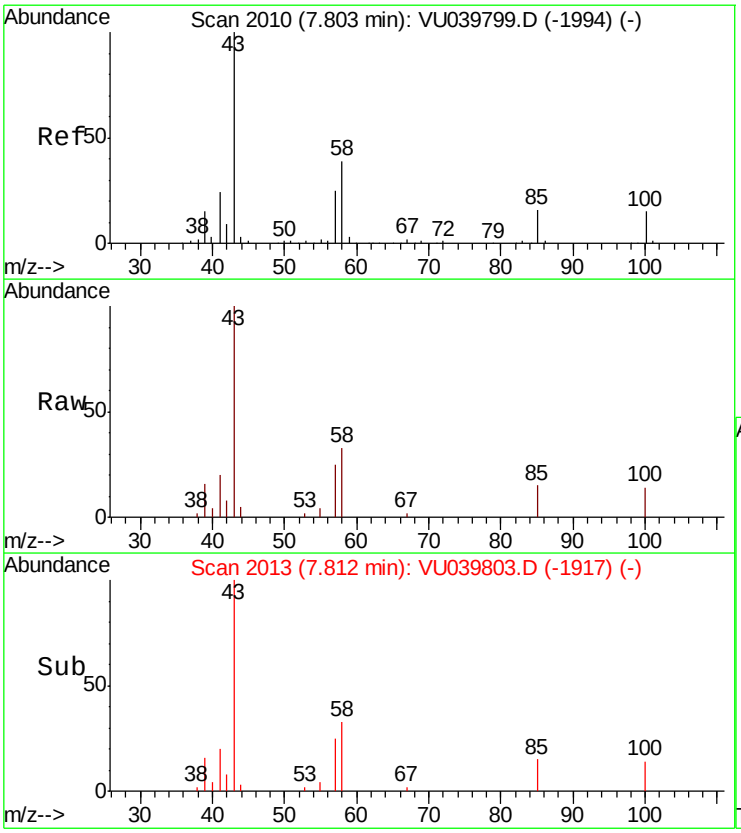
#34
Trichloroethene
Concen: 0.437 ug/L
RT: 6.55 min Scan# 1619
Delta R.T. -0.01 min
Lab File: VU039803.D
Acq: 08 Aug 2020 11:44

Instrument : MSVOA_U
ClientSampleId : F4L17

Tgt Ion: 95 Resp: 2035

Ion	Ratio	Lower	Upper
95	100		
97	59.6	44.0	81.8
132	106.5	71.7	133.3
130	107.3	71.1	132.1

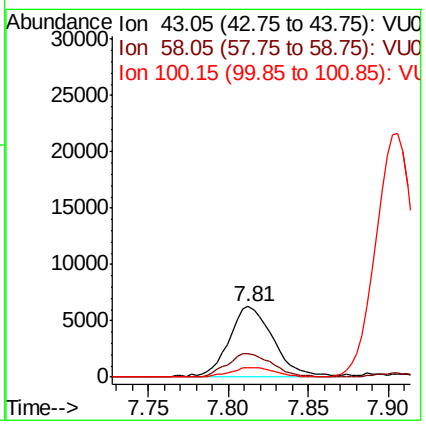


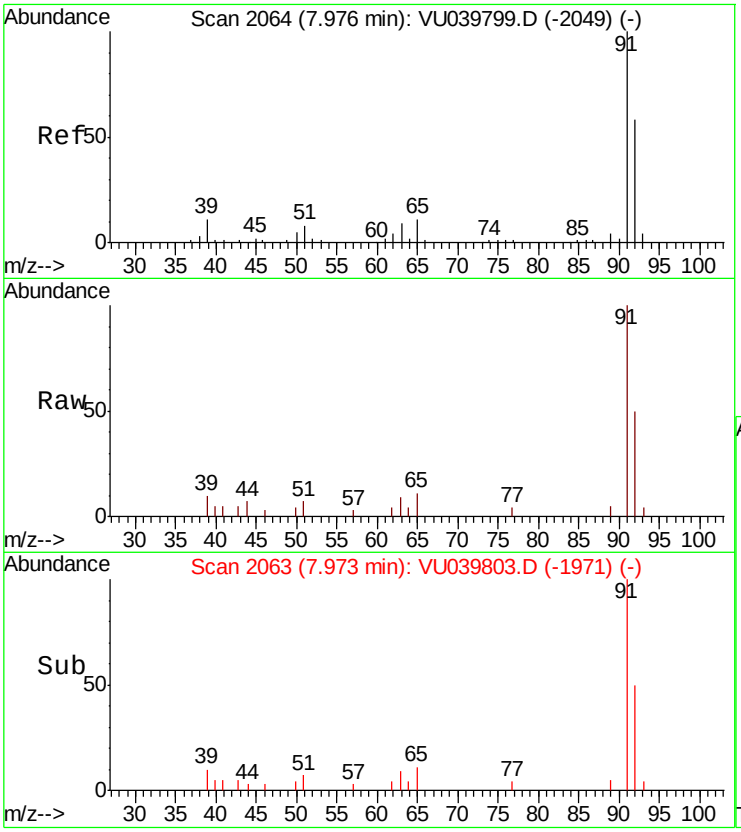


#40
4-Methyl-2-pentanone
Concen: 3.336 ug/L
RT: 7.81 min Scan# 2013
Delta R.T. 0.01 min
Lab File: VU039803.D
Acq: 08 Aug 2020 11:44

Tgt Ion: 43 Resp: 11884

Ion	Ratio	Lower	Upper
43	100		
58	33.8	29.4	44.2
100	13.4	11.7	17.5



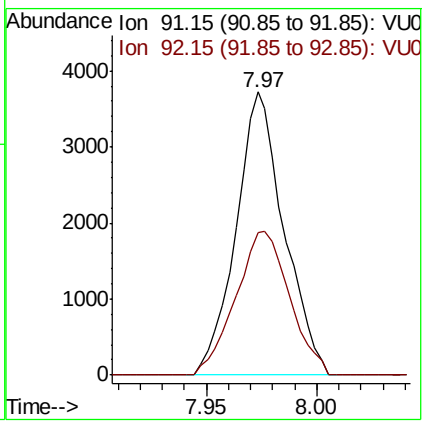


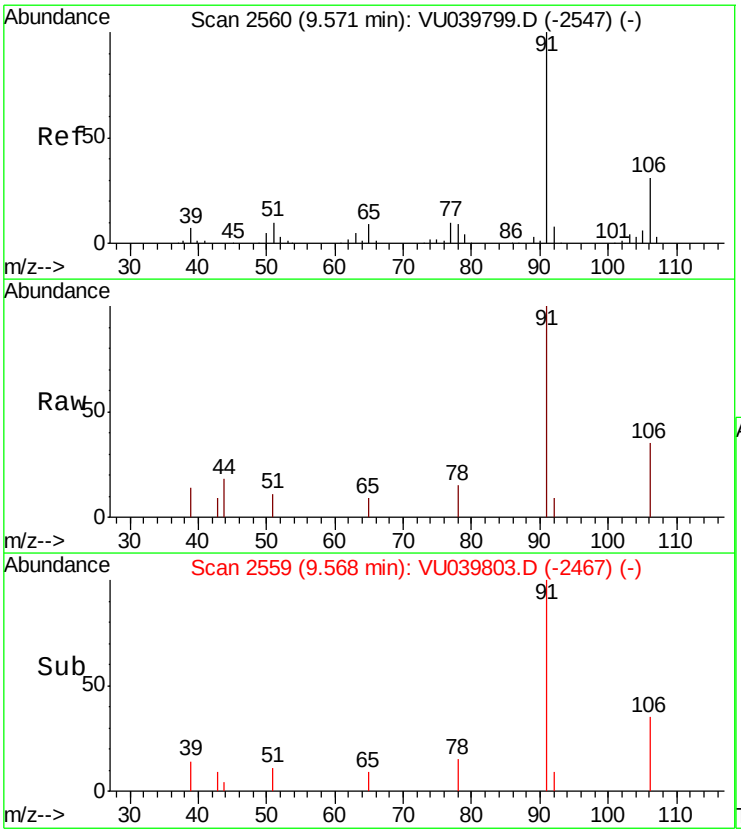
#42
Toluene
Concen: 0.297 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. -0.00 min
Lab File: VU039803.D
Acq: 08 Aug 2020 11:44

Instrument : MSVOA_U
ClientSampleId : F4L17

Tgt Ion: 91 Resp: 5609

Ion	Ratio	Lower	Upper
91	100		
92	50.4	41.6	77.3

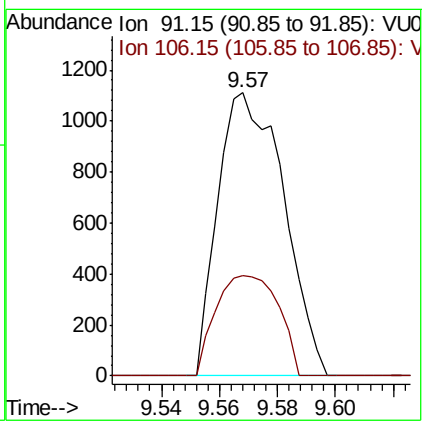


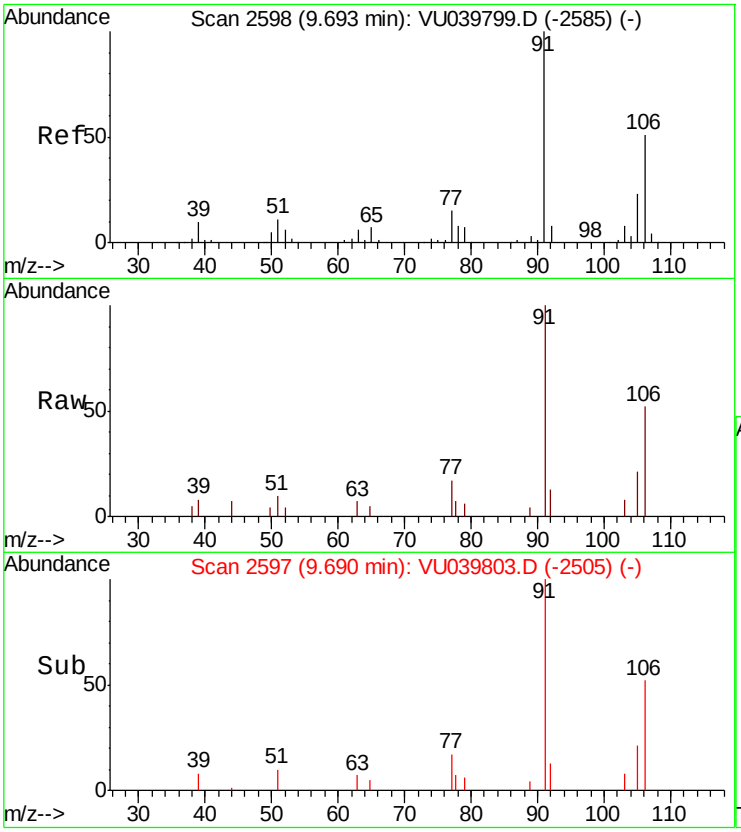


#52
Ethylbenzene
Concen: 0.083 ug/L
RT: 9.57 min Scan# 2559
Delta R.T. -0.00 min
Lab File: VU039803.D
Acq: 08 Aug 2020 11:44

Tgt Ion: 91 Resp: 1749

Ion	Ratio	Lower	Upper
91	100		
106	35.4	22.8	42.4





#53
m,p-Xylene
Concen: 0.254 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU039803.D
Acq: 08 Aug 2020 11:44

Instrument :
MSVOA_U
ClientSampleId :
F4L17

Tgt Ion:106 Resp: 2042

Ion	Ratio	Lower	Upper
106	100		
91	191.6	135.5	251.7