Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102020\
Data File : VU040856.D
Acq On : 20 Oct 2020 18:43
Operator : SY/MD
Sample : L4428-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ49

Quant Time: Oct 21 01:31:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 23:49:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	118606	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120621	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51663	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	74720	7.60	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 152.00%#			
7) Chloroethane-d5	1.92	69	37642	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.40%			
11) 1,1-Dichloroethene-d2	2.58	63	73113	3.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.20%			
20) 2-Butanone-d5	4.66	46	186195	59.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.40%			
24) Chloroform-d	5.08	84	87438	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.40%			
26) 1,2-Dichloroethane-d4	5.72	65	53923	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
32) Benzene-d6	5.74	84	158778	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
36) 1,2-Dichloropropane-d6	6.70	67	55310	5.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.40%			
41) Toluene-d8	7.91	98	127557	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.60%			
43) trans-1,3-Dichloropropene-	8.19	79	20927	4.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.40%			
46) 2-Hexanone-d5	8.64	63	122422	51.92	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.84%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51105	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	51888	5.42	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	4253771	401.930	ug/L	98
12) 1,1-Dichloroethene	2.59	96	17393	2.055	ug/L #	54
13) Acetone	2.66	43	4471	1.834	ug/L	94
18) trans-1,2-Dichloroethene	3.37	96	54839	6.190	ug/L	95
22) cis-1,2-Dichloroethene	4.69	96	7072426	740.324	ug/L	96
30) Cyclohexane	5.40	56	5974	0.400	ug/L	97
33) Benzene	5.79	78	3433	0.089	ug/L	100
34) Trichloroethene	6.56	95	50213	4.999	ug/L	95
35) Methylcyclohexane	6.77	83	2451	0.172	ug/L	94
42) Toluene	7.98	91	4472	0.113	ug/L	85
47) Tetrachloroethene	8.56	164	83668	11.675	ug/L	96
52) Ethylbenzene	9.57	91	2873	0.067	ug/L	91
53) m,p-Xylene	9.69	106	2851	0.183	ug/L	94
54) o-Xylene	10.10	106	1030	0.069	ug/L	94
65) 1,2-Dichlorobenzene	12.20	146	1709	0.103	ug/L #	79

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102020\
Data File : VU040856.D
Acq On : 20 Oct 2020 18:43
Operator : SY/MD
Sample : L4428-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ49

Quant Time: Oct 21 01:31:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 23:49:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102020\
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Acq On : 20 Oct 2020 18:43
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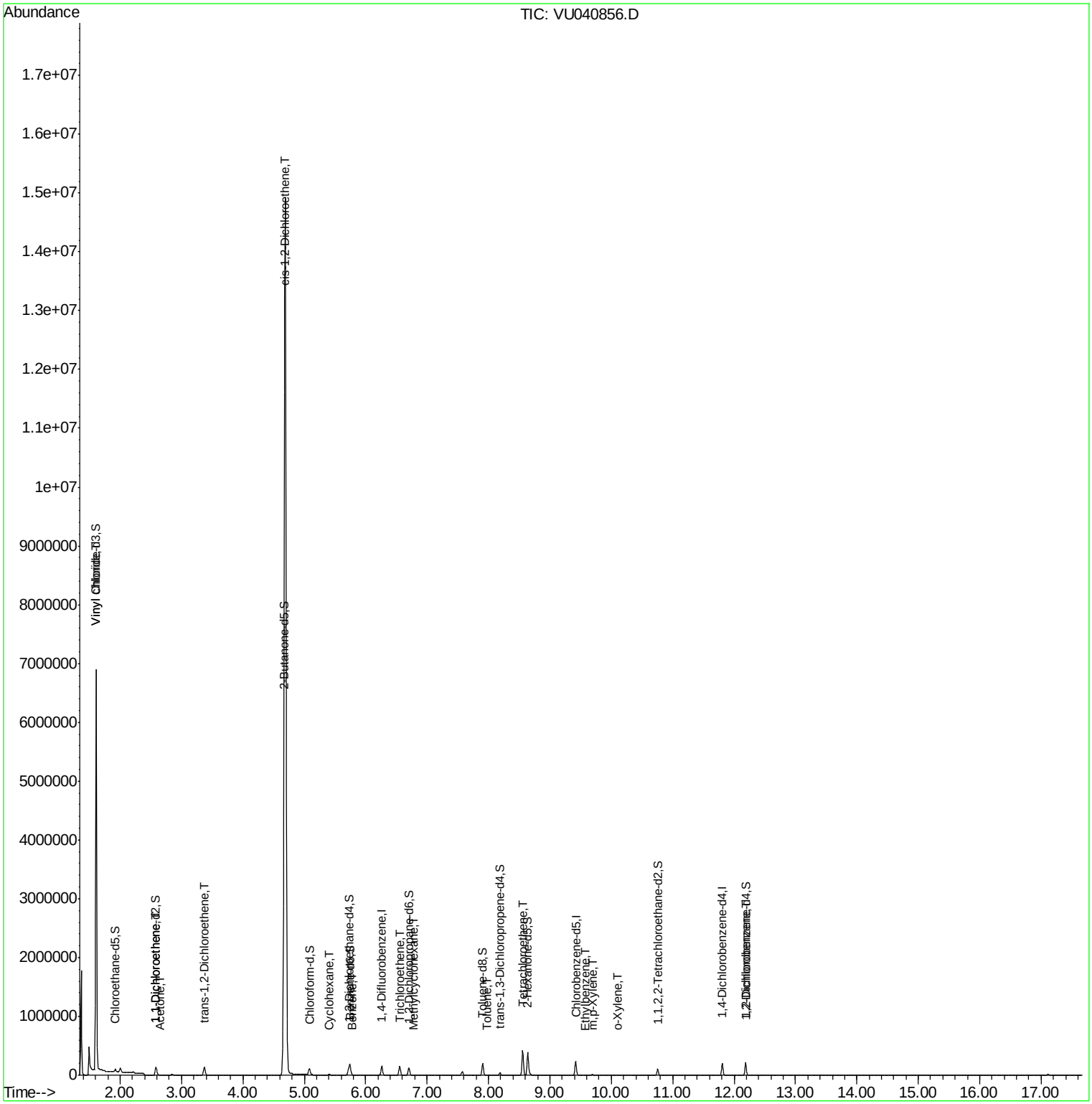
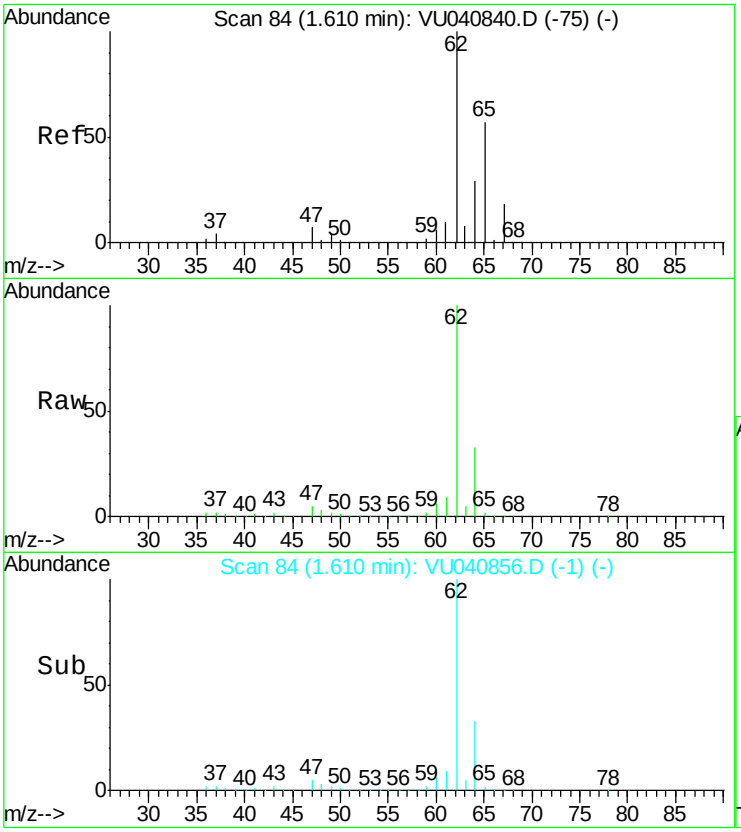
QLast Update : Tue Oct 20 23:49:45 2020
Response via : Initial Calibration



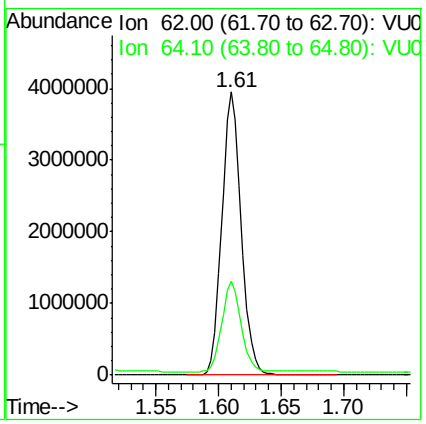


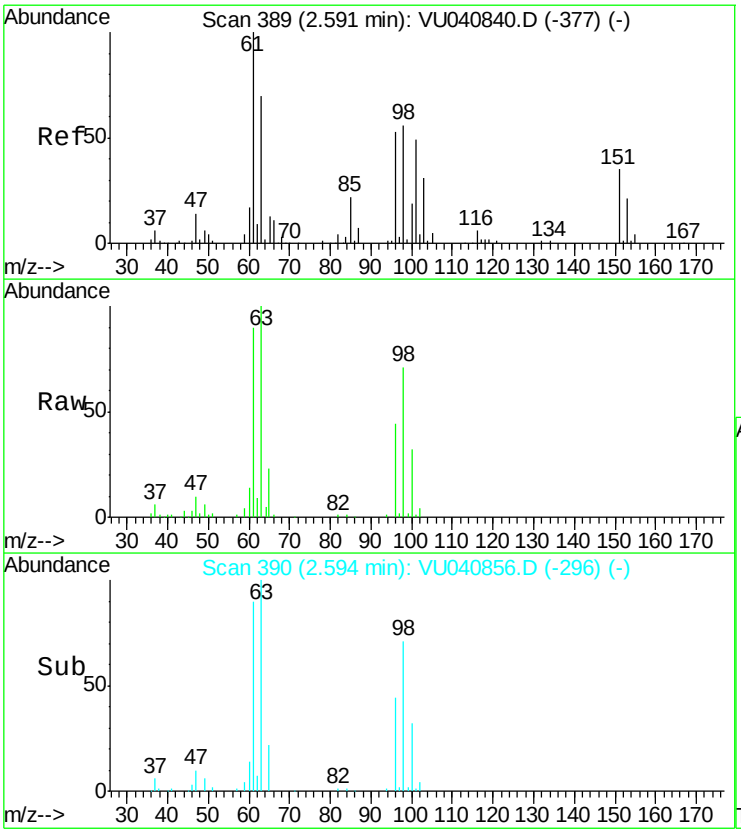
#5
Vinyl chloride
Concen: 401.930 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU040856.D
Acq: 20 Oct 2020 18:43

Instrument :
MSVOA_U
ClientSampleId :
ETZ49

Tgt Ion: 62 Resp: 4253771

Ion	Ratio	Lower	Upper
62	100		
64	33.0	23.7	44.1

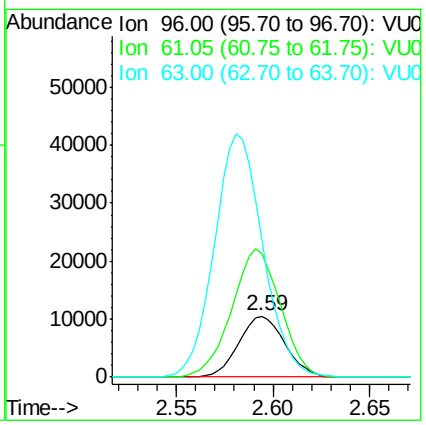


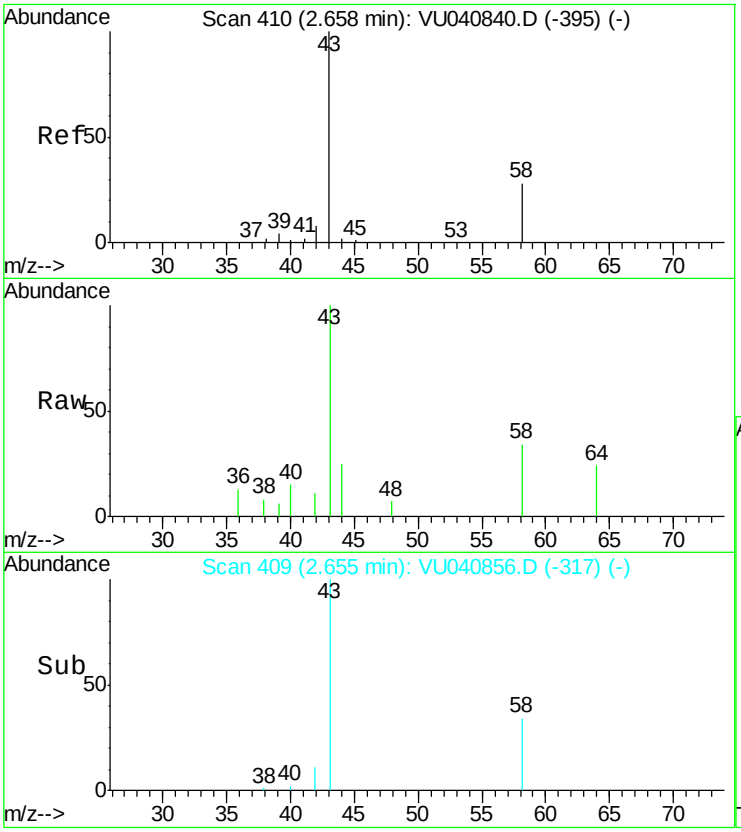


#12
1,1-Dichloroethene
Concen: 2.055 ug/L
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU040856.D
Acq: 20 Oct 2020 18:43

Tgt Ion: 96 Resp: 17393

Ion	Ratio	Lower	Upper
96	100		
61	204.1	128.8	239.2
63	227.5	84.6	157.2#



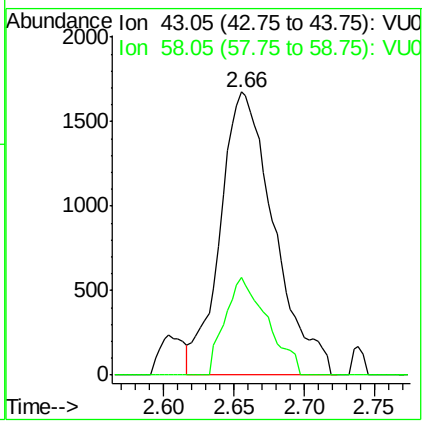


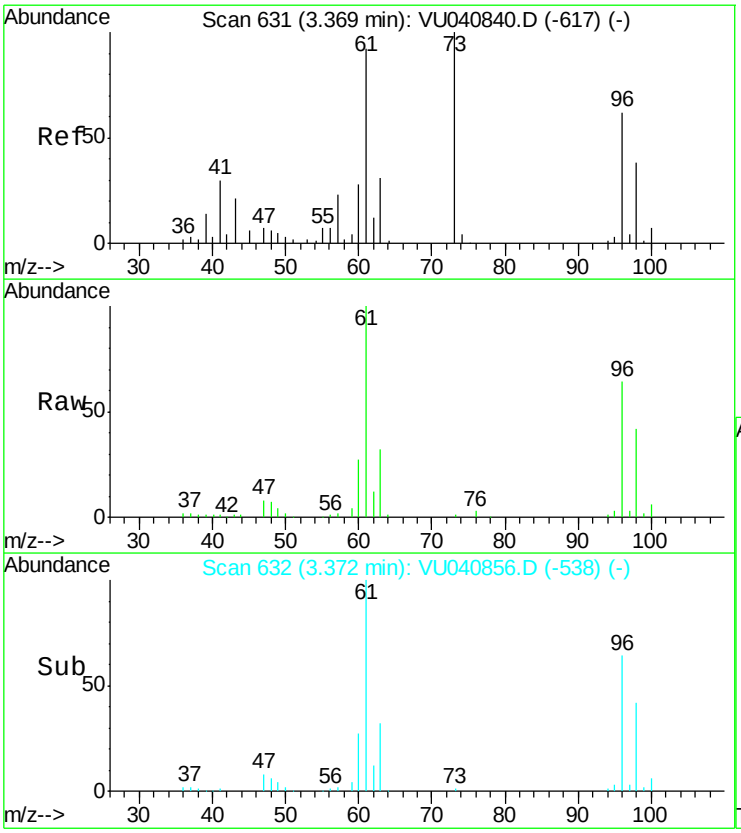
#13
Acetone
Concen: 1.834 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.00 min
Lab File: VU040856.D
Acq: 20 Oct 2020 18:43

Instrument :
MSVOA_U
ClientSampleId :
ETZ49

Tgt Ion: 43 Resp: 4471

Ion	Ratio	Lower	Upper
43	100		
58	27.1	0.0	60.6

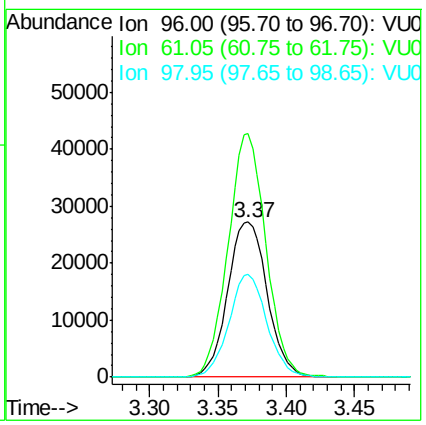


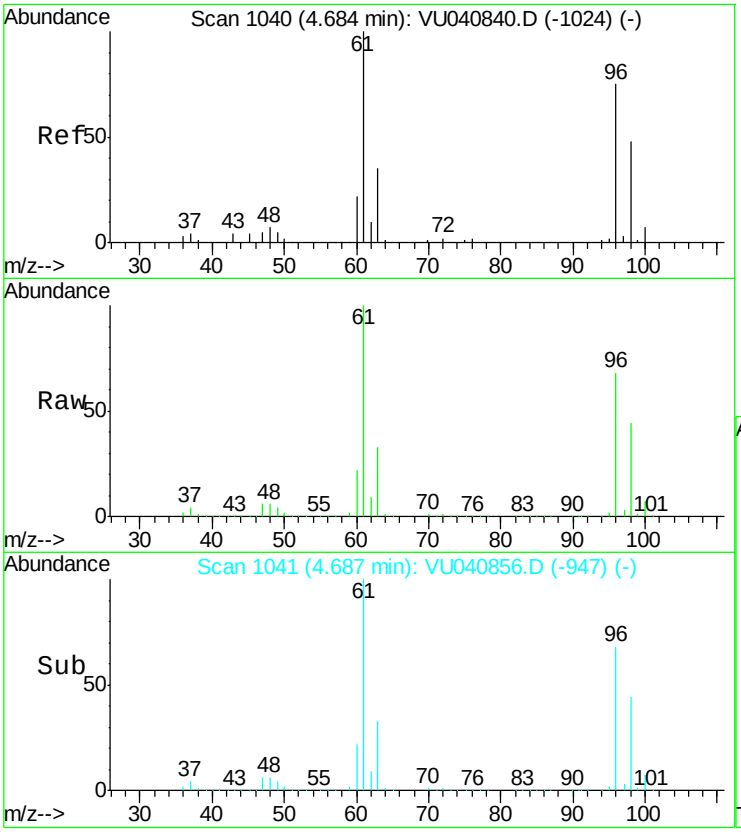


#18
trans-1,2-Dichloroethene
Concen: 6.190 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU040856.D
Acq: 20 Oct 2020 18:43

Tgt Ion: 96 Resp: 54839

Ion	Ratio	Lower	Upper
96	100		
61	157.1	105.9	196.7
98	66.0	43.8	81.3



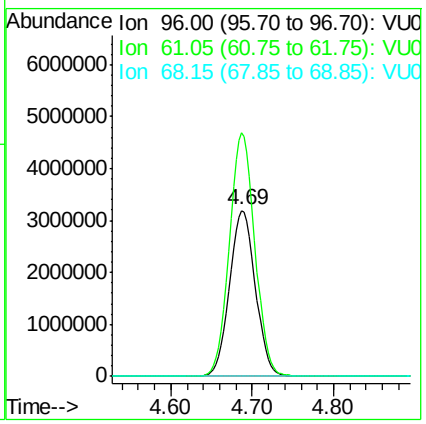


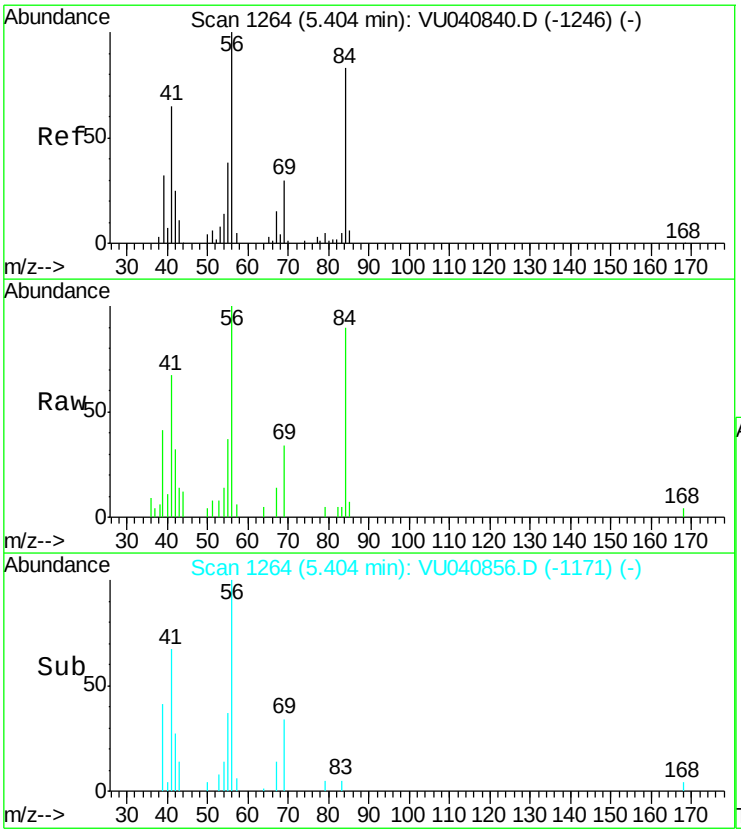
#22
cis-1,2-Dichloroethene
Concen: 740.324 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040856.D
Acq: 20 Oct 2020 18:43

Instrument :
MSVOA_U
ClientSampleId :
ETZ49

Tgt Ion: 96 Resp: 7072426

Ion	Ratio	Lower	Upper
96	100		
61	147.1	99.8	185.4
68	0.0	0.0	0.0

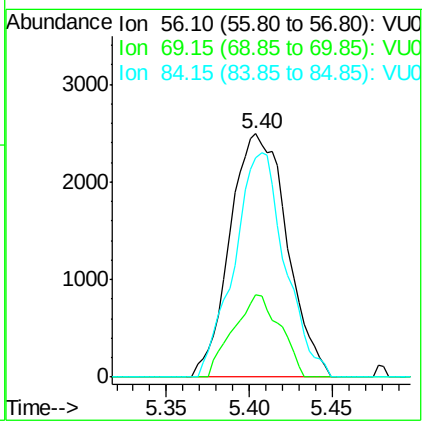


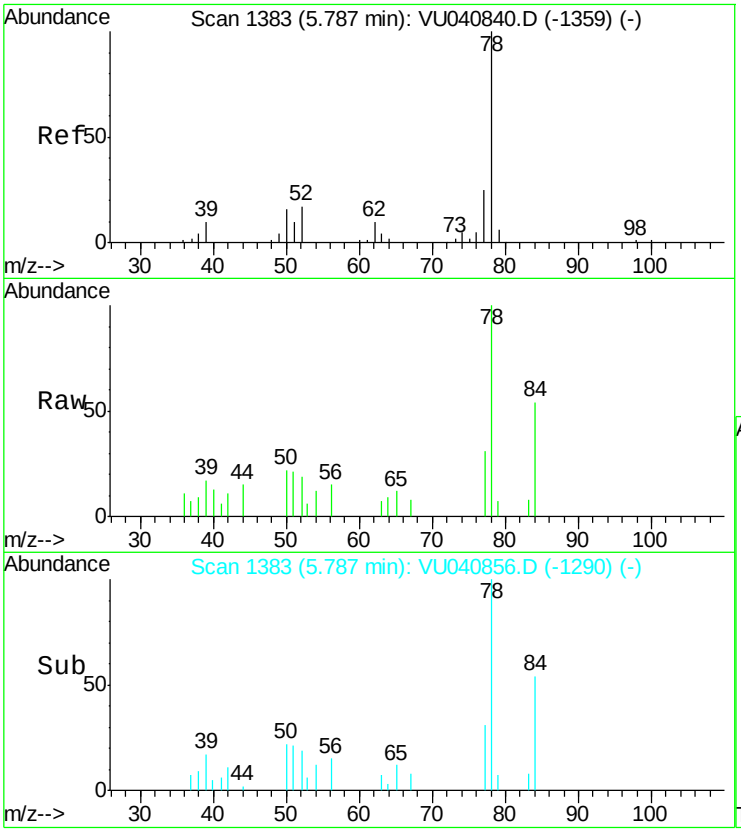


#30
Cyclohexane
Concen: 0.400 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU040856.D
Acq: 20 Oct 2020 18:43

Tgt Ion: 56 Resp: 5974

Ion	Ratio	Lower	Upper
56	100		
69	27.5	23.8	35.8
84	81.9	64.0	96.0

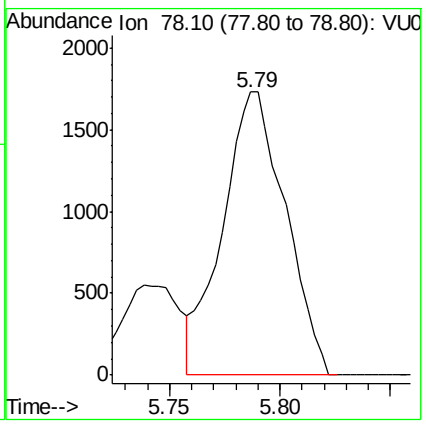


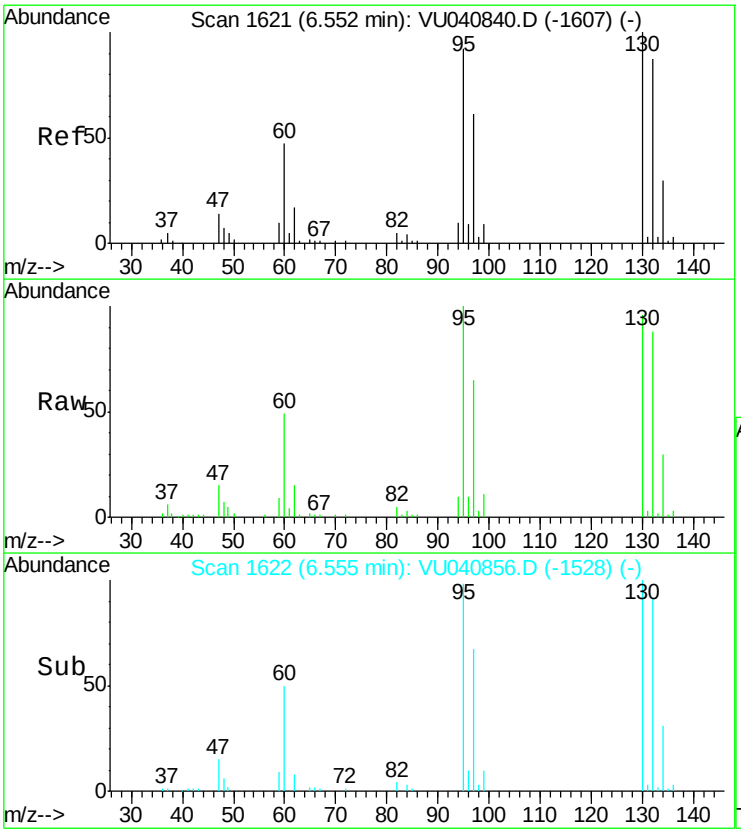


#33
Benzene
Concen: 0.089 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU040856.D
Acq: 20 Oct 2020 18:43

Instrument :
MSVOA_U
ClientSampleId :
ETZ49

Tgt Ion: 78 Resp: 3433

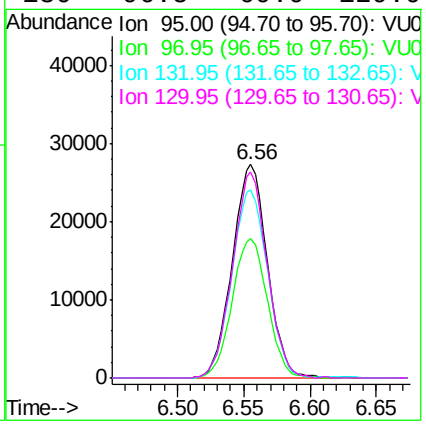


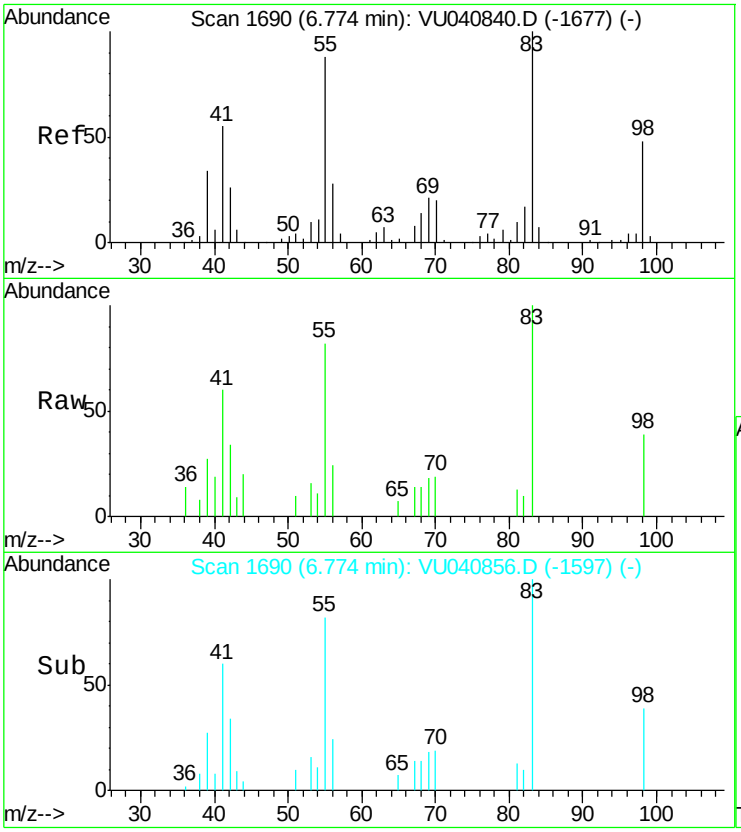


#34
Trichloroethene
Concen: 4.999 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040856.D
Acq: 20 Oct 2020 18:43

Tgt Ion: 95 Resp: 50213

Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.5	84.5
132	87.9	67.5	125.4
130	96.5	69.9	129.9



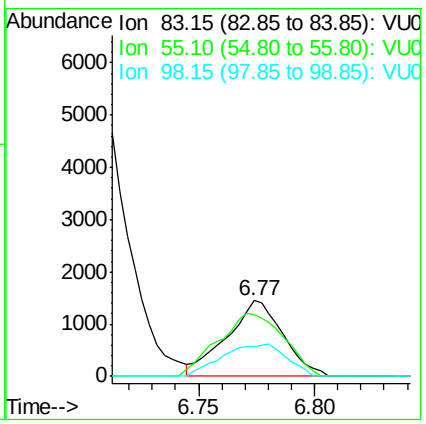


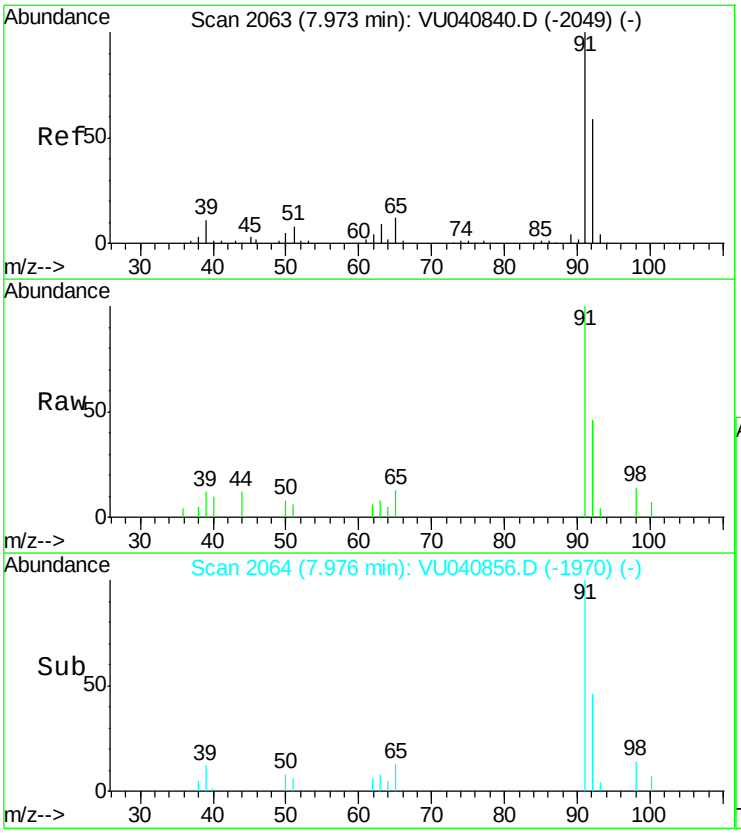
#35
Methylcyclohexane
Concen: 0.172 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VU040856.D
Acq: 20 Oct 2020 18:43

Instrument :
MSVOA_U
ClientSampleId :
ETZ49

Tgt Ion: 83 Resp: 2451

Ion	Ratio	Lower	Upper
83	100		
55	97.0	70.7	106.1
98	48.1	38.4	57.6

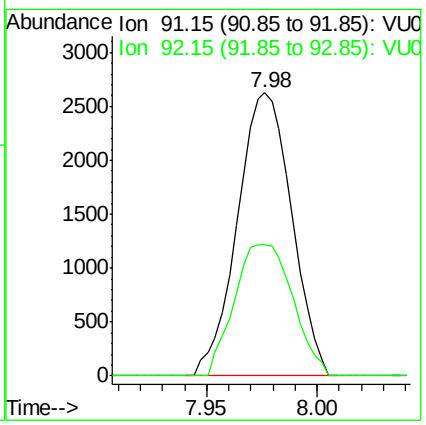


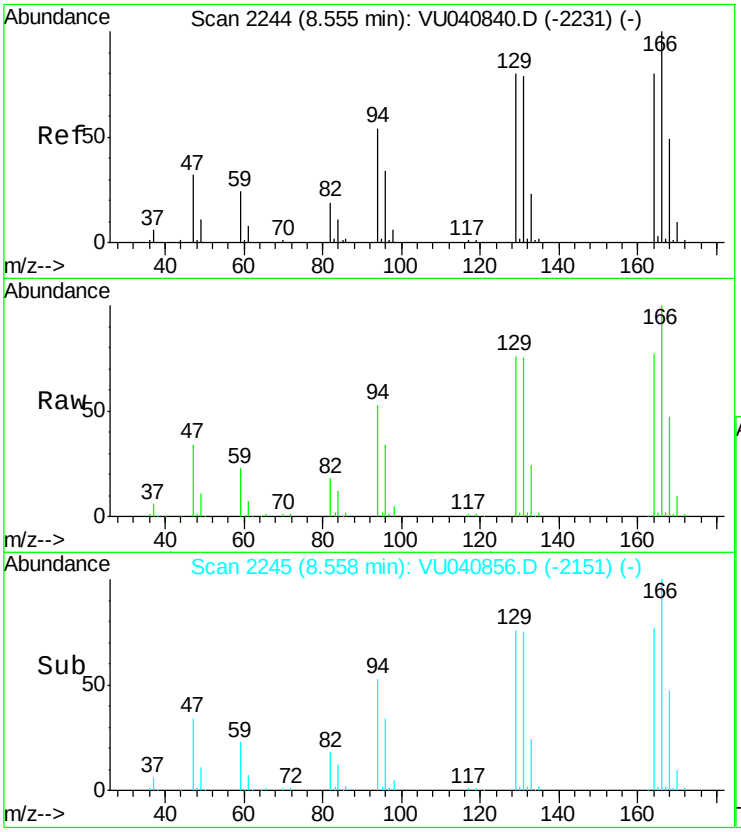


#42
Toluene
Concen: 0.113 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040856.D
Acq: 20 Oct 2020 18:43

Tgt Ion: 91 Resp: 4472

Ion	Ratio	Lower	Upper
91	100		
92	46.1	40.2	74.6



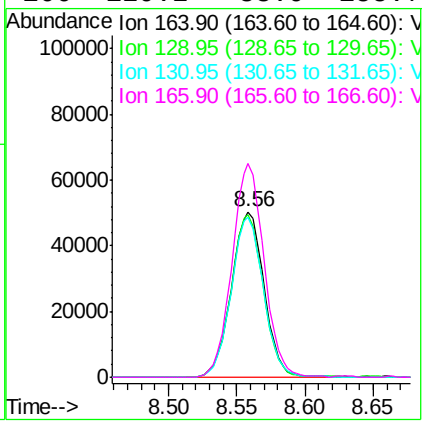


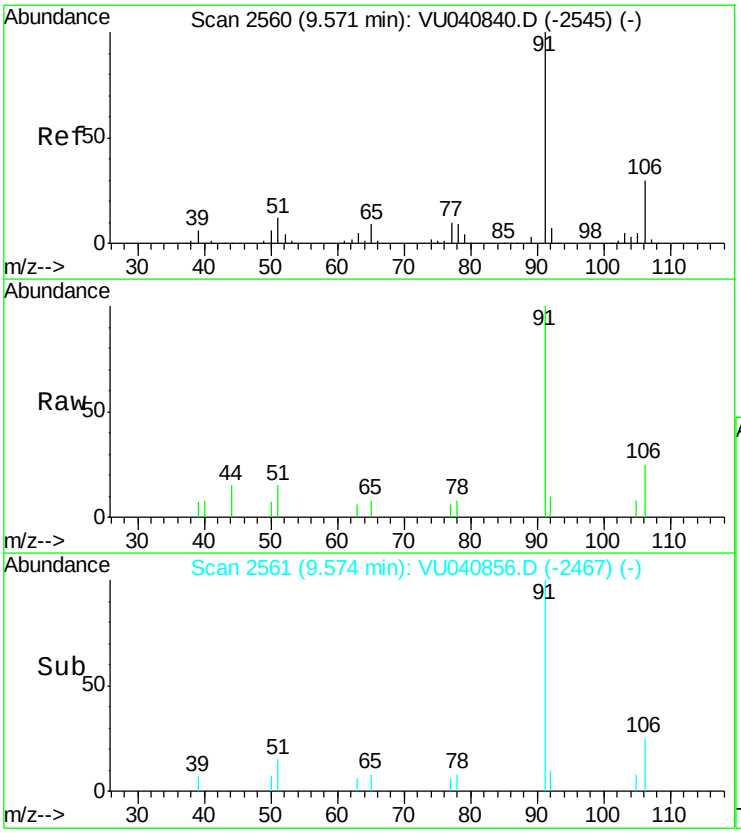
#47
Tetrachloroethene
Concen: 11.675 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040856.D
Acq: 20 Oct 2020 18:43

Instrument : MSVOA_U
ClientSampleId : ETZ49

Tgt Ion:164 Resp: 83668

Ion	Ratio	Lower	Upper
164	100		
129	98.5	68.8	127.8
131	96.7	66.7	123.9
166	129.2	83.9	155.7

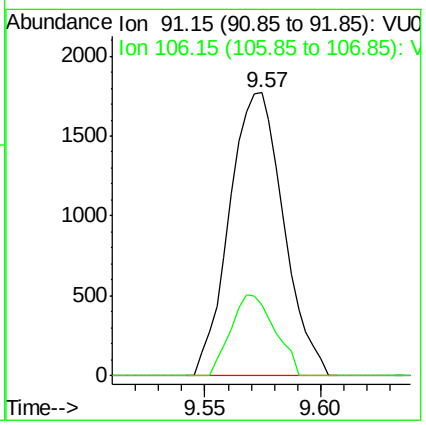


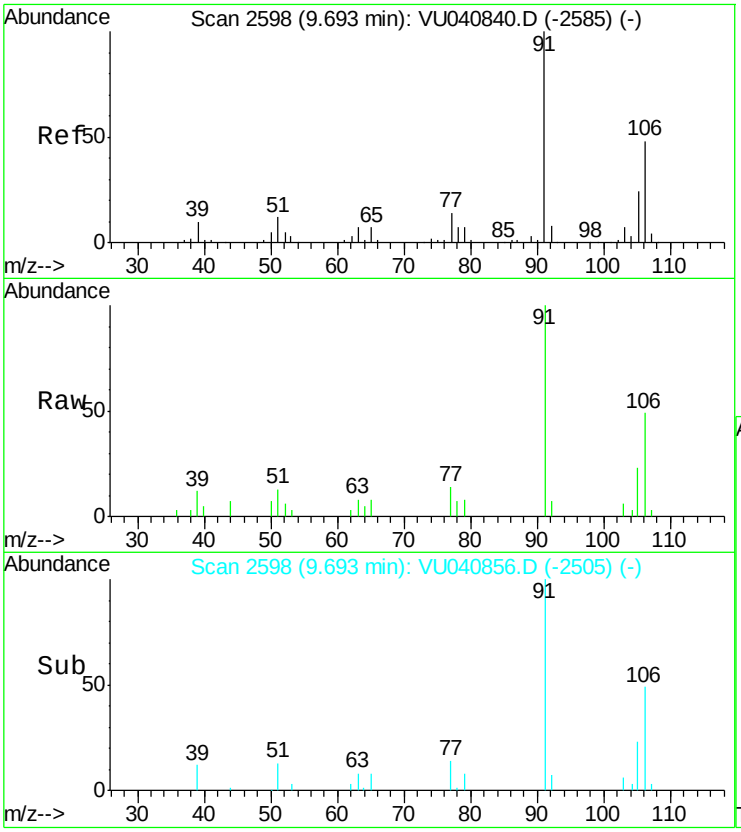


#52
Ethylbenzene
Concen: 0.067 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU040856.D
Acq: 20 Oct 2020 18:43

Tgt Ion: 91 Resp: 2873

Ion	Ratio	Lower	Upper
91	100		
106	24.9	20.7	38.5



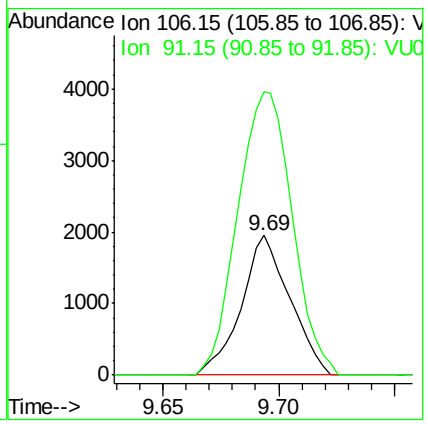


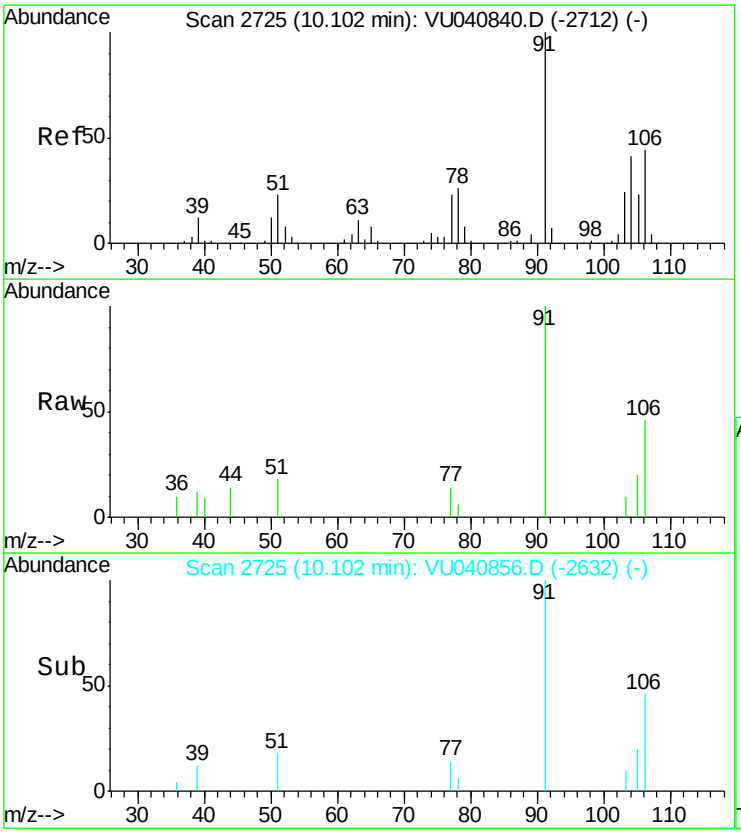
#53
m,p-Xylene
Concen: 0.183 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040856.D
Acq: 20 Oct 2020 18:43

Instrument :
MSVOA_U
ClientSampleId :
ETZ49

Tgt Ion:106 Resp: 2851

Ion	Ratio	Lower	Upper
106	100		
91	202.6	148.5	275.7

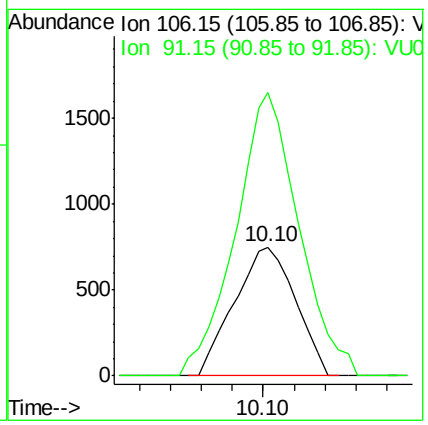


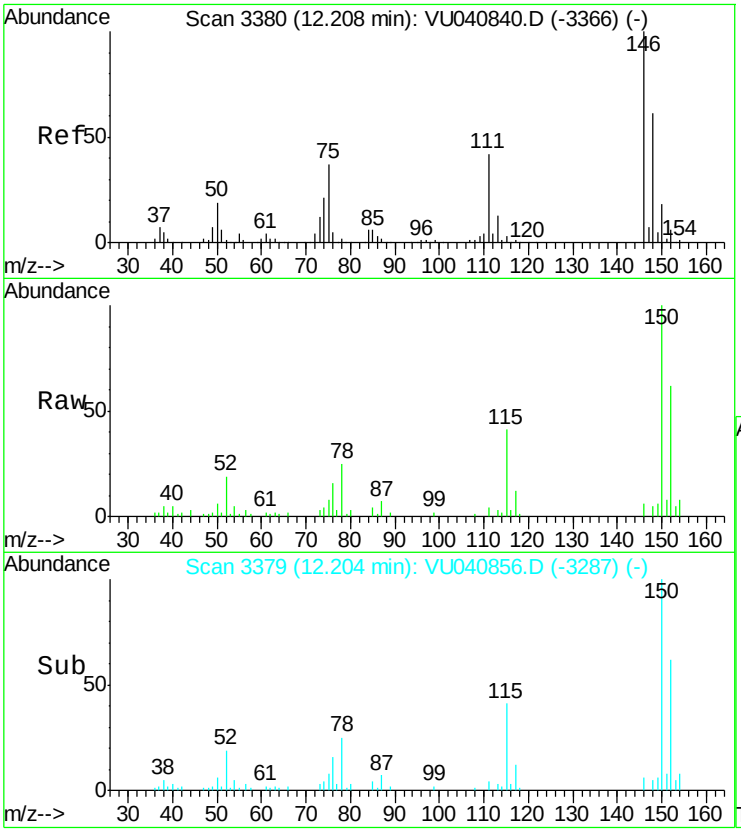


#54
o-Xylene
Concen: 0.069 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU040856.D
Acq: 20 Oct 2020 18:43

Tgt Ion:106 Resp: 1030

Ion	Ratio	Lower	Upper
106	100		
91	219.7	160.2	297.4





#65
1,2-Dichlorobenzene
Concen: 0.103 ug/L
RT: 12.20 min Scan# 3379
Delta R.T. -0.00 min
Lab File: VU040856.D
Acq: 20 Oct 2020 18:43

Instrument :
MSVOA_U
ClientSampleId :
ETZ49

Tgt Ion:146 Resp: 1709

Ion	Ratio	Lower	Upper
146	100		
111	62.1	34.4	51.6#
148	73.5	50.0	75.0