Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102020\
Data File : VU040858.D
Acq On : 20 Oct 2020 19:29
Operator : SY/MD
Sample : L4428-17MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ50MS

Quant Time: Oct 21 01:45:44 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	111060	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118596	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50433	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	41638	4.52	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.40%			
7) Chloroethane-d5	1.92	69	36640	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.20%			
11) 1,1-Dichloroethene-d2	2.58	63	86790	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.40%			
20) 2-Butanone-d5	4.65	46	169976	57.72	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.44%			
24) Chloroform-d	5.08	84	88224	5.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.20%			
26) 1,2-Dichloroethane-d4	5.72	65	54188	5.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.20%			
32) Benzene-d6	5.74	84	158931	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
36) 1,2-Dichloropropane-d6	6.70	67	55862	5.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.20%			
41) Toluene-d8	7.91	98	129292	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
43) trans-1,3-Dichloropropene-	8.19	79	22298	4.96	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.20%			
46) 2-Hexanone-d5	8.64	63	126246	54.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.92%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50247	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	53617	5.73	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 114.60%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	3272	0.348	ug/L #	78
12) 1,1-Dichloroethene	2.59	96	35658	4.500	ug/L #	82
13) Acetone	2.66	43	4307	1.887	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	4619	0.516	ug/L	87
33) Benzene	5.79	78	172331	4.523	ug/L	100
34) Trichloroethene	6.56	95	43709	4.426	ug/L	95
42) Toluene	7.98	91	165990	4.275	ug/L	98
47) Tetrachloroethene	8.56	164	1998	0.284	ug/L	93
51) Chlorobenzene	9.45	112	117139	4.580	ug/L	99
53) m,p-Xylene	9.69	106	1625	0.106	ug/L	97

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

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ETZ50MS

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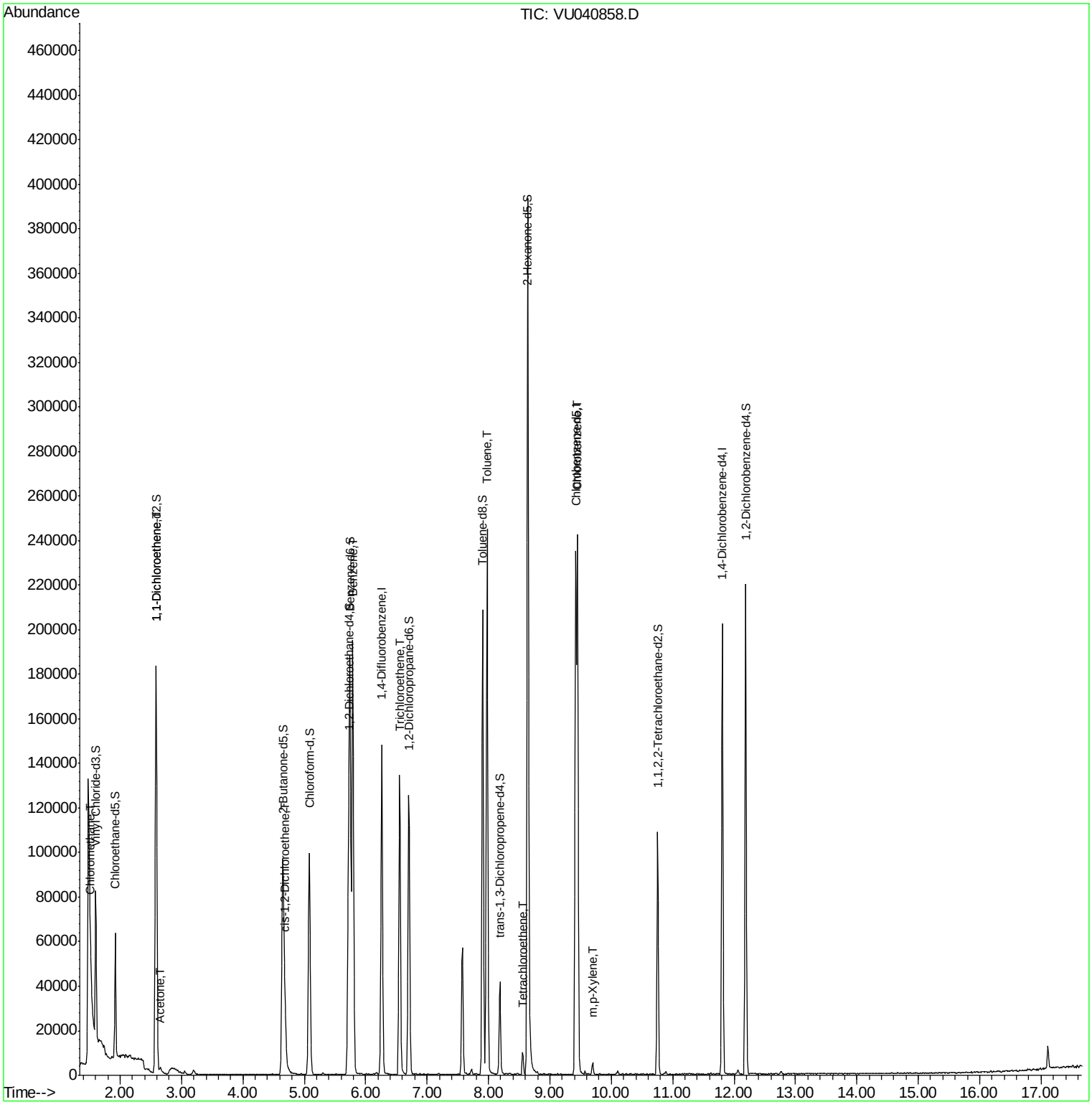
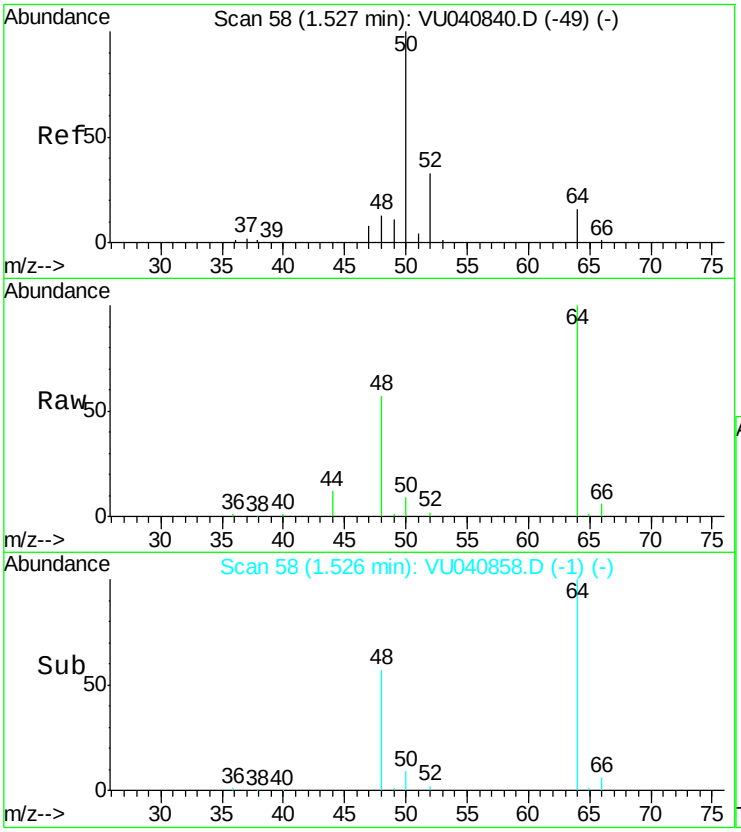


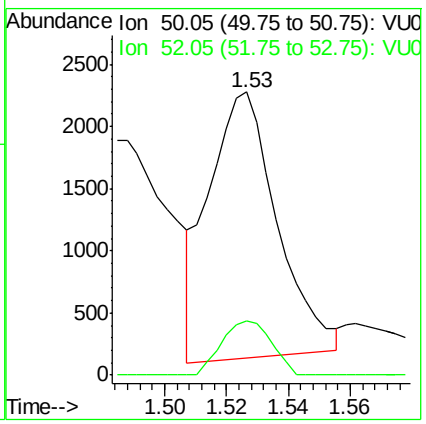


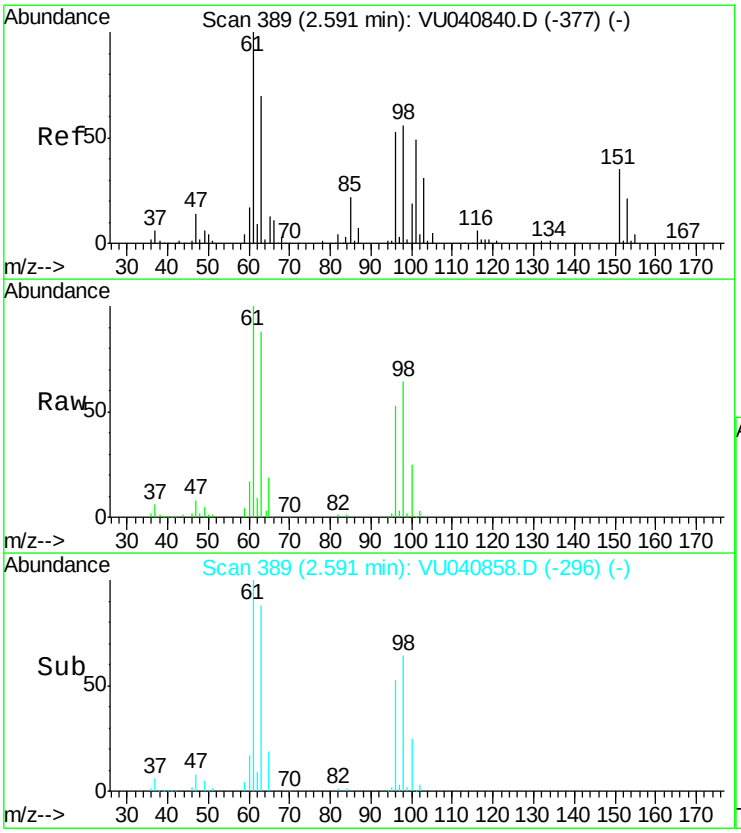
#3
Chloromethane
Concen: 0.348 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040858.D
Acq: 20 Oct 2020 19:29

Instrument :
MSVOA_U
ClientSampleId :
ETZ50MS

Tgt Ion: 50 Resp: 3272

Ion	Ratio	Lower	Upper
50	100		
52	19.1	21.9	40.7#

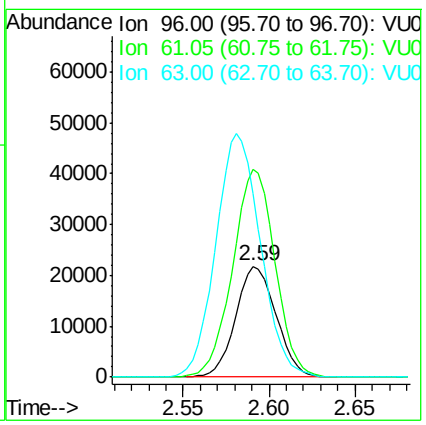


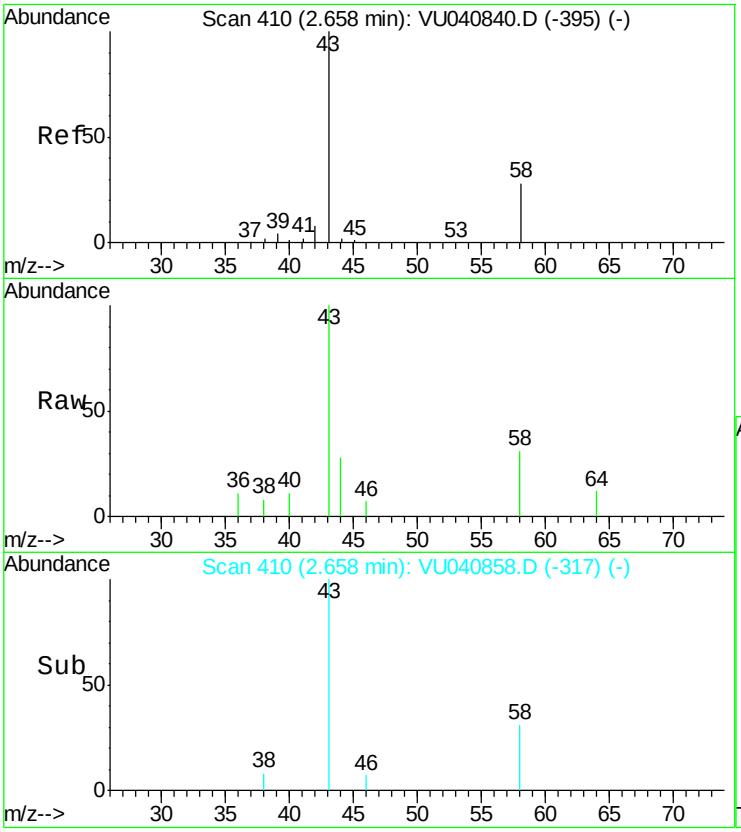


#12
1,1-Dichloroethene
Concen: 4.500 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU040858.D
Acq: 20 Oct 2020 19:29

Tgt Ion: 96 Resp: 35658

Ion	Ratio	Lower	Upper
96	100		
61	187.9	128.8	239.2
63	166.0	84.6	157.2#



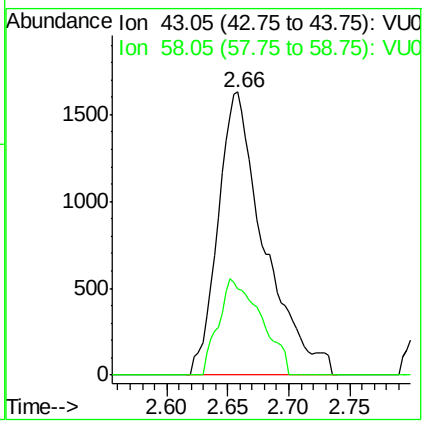


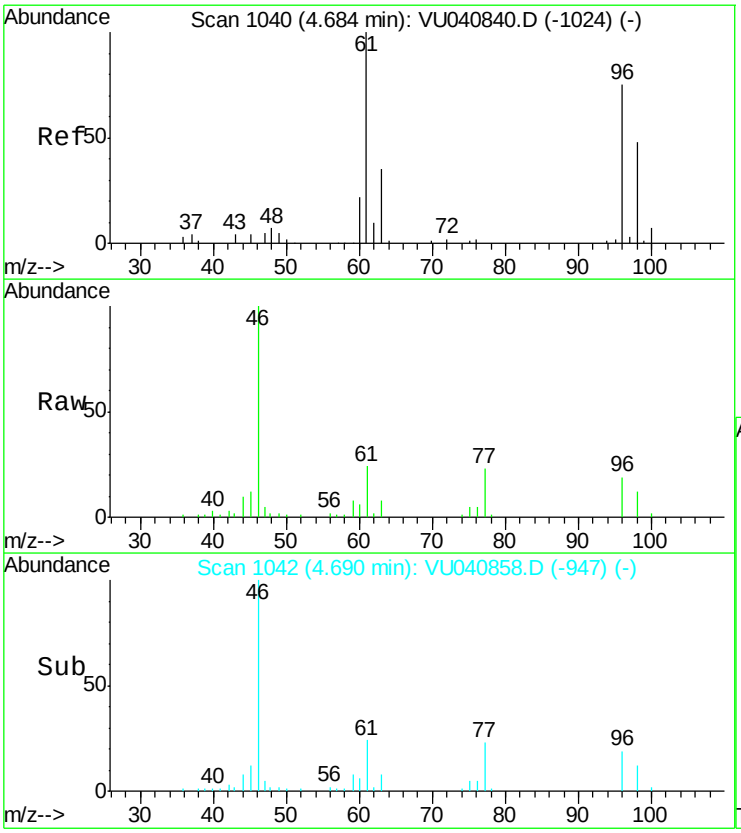
#13
Acetone
Concen: 1.887 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.00 min
Lab File: VU040858.D
Acq: 20 Oct 2020 19:29

Instrument :
MSVOA_U
ClientSampleId :
ETZ50MS

Tgt Ion: 43 Resp: 4307

Ion	Ratio	Lower	Upper
43	100		
58	31.4	0.0	60.6

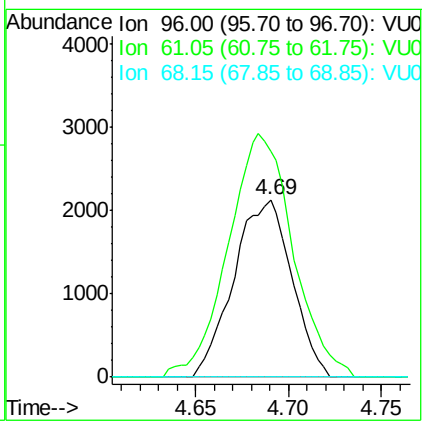


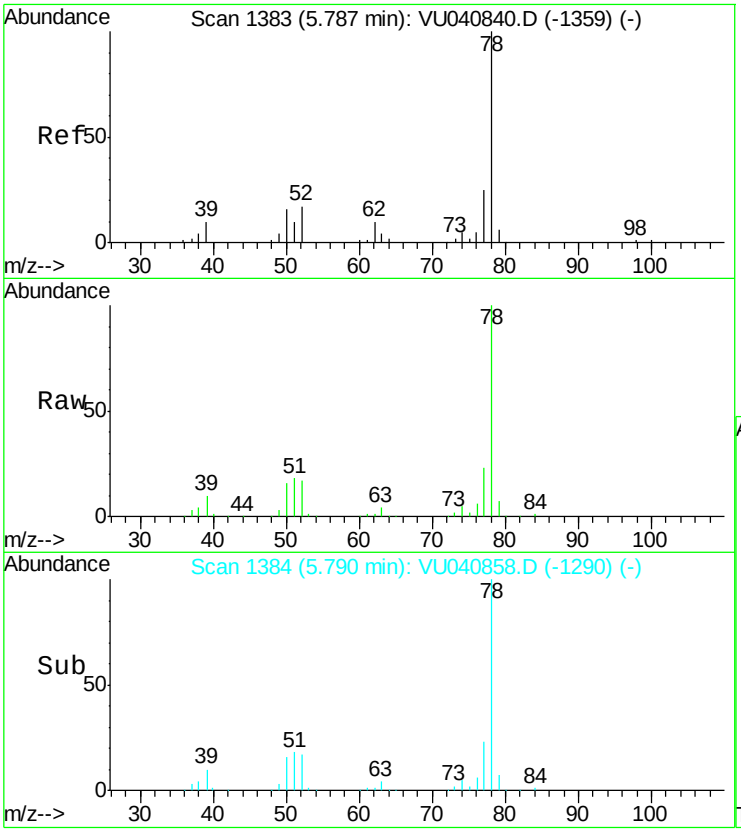


#22
cis-1,2-Dichloroethene
Concen: 0.516 ug/L
RT: 4.69 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VU040858.D
Acq: 20 Oct 2020 19:29

Tgt Ion: 96 Resp: 4619

Ion	Ratio	Lower	Upper
96	100		
61	127.0	99.8	185.4
68	0.0	0.0	0.0

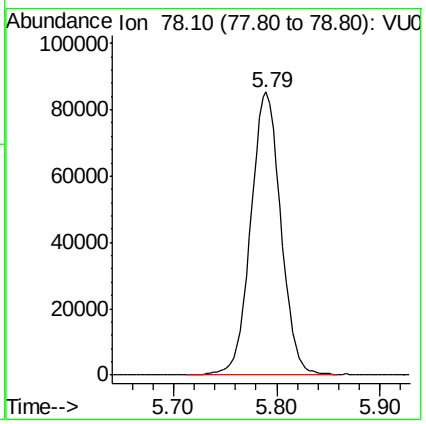


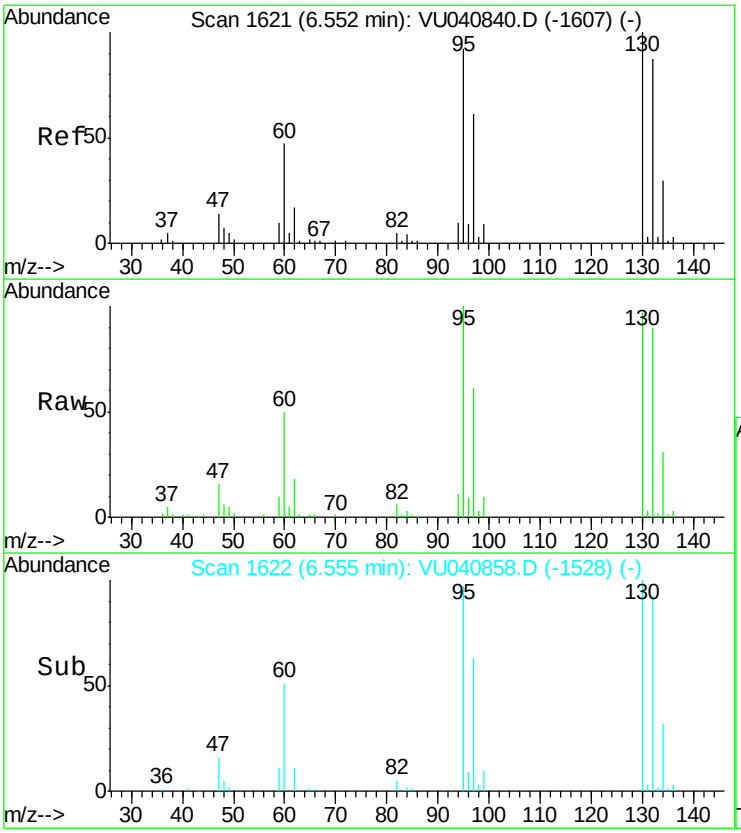


#33
Benzene
Concen: 4.523 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040858.D
Acq: 20 Oct 2020 19:29

Instrument :
MSVOA_U
ClientSampleId :
ETZ50MS

Tgt Ion: 78 Resp: 172331

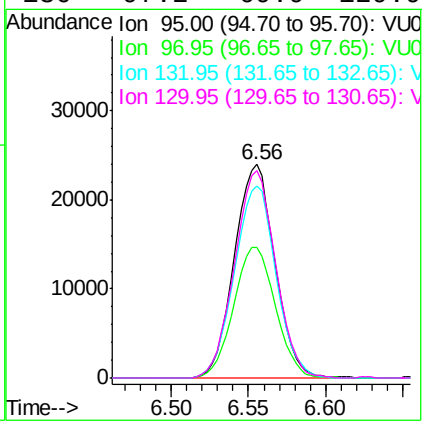


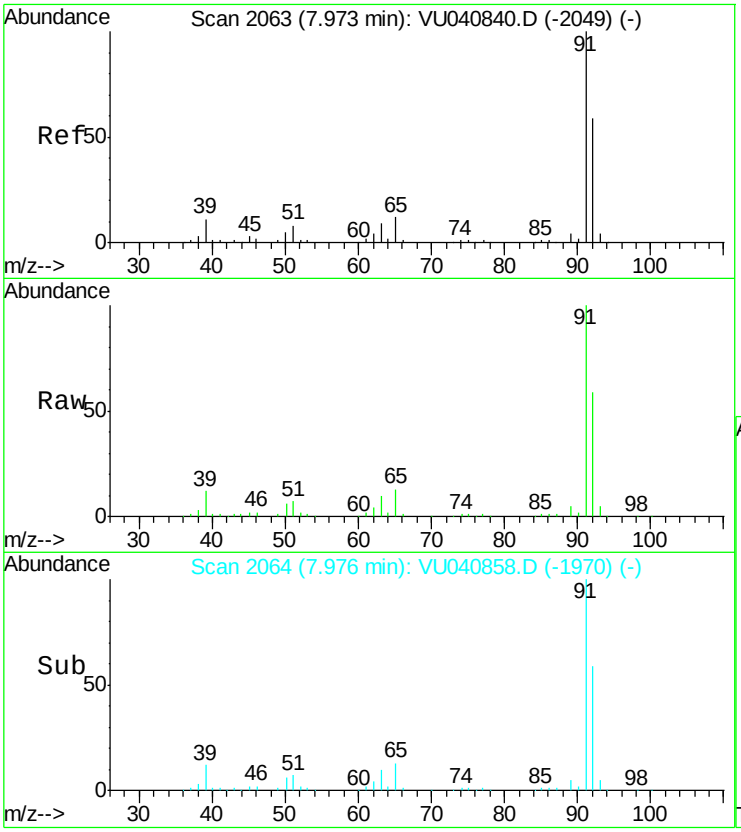


#34
Trichloroethene
Concen: 4.426 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040858.D
Acq: 20 Oct 2020 19:29

Tgt Ion: 95 Resp: 43709

Ion	Ratio	Lower	Upper
95	100		
97	61.2	45.5	84.5
132	90.1	67.5	125.4
130	97.2	69.9	129.9



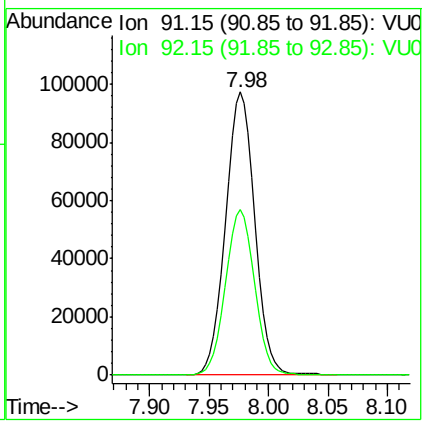


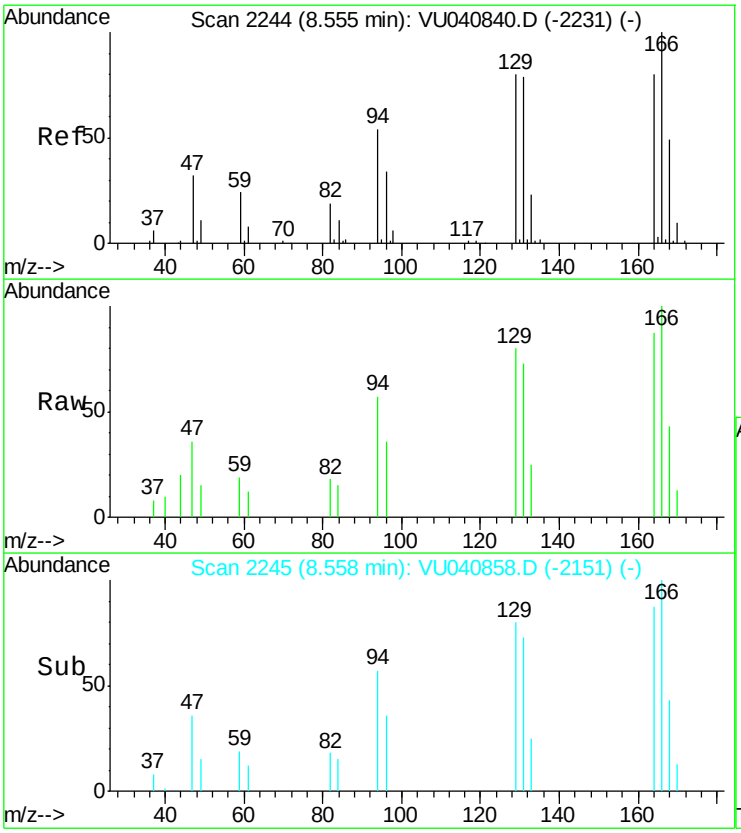
#42
Toluene
Concen: 4.275 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040858.D
Acq: 20 Oct 2020 19:29

Instrument :
MSVOA_U
ClientSampleId :
ETZ50MS

Tgt Ion: 91 Resp: 165990

Ion	Ratio	Lower	Upper
91	100		
92	58.6	40.2	74.6

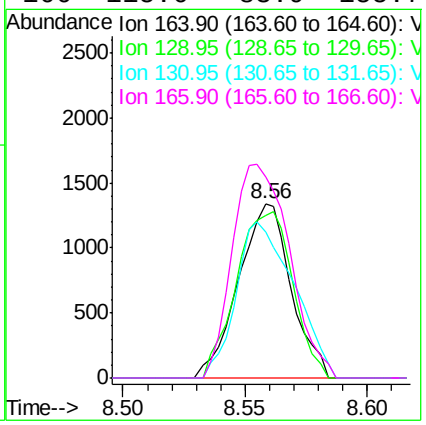


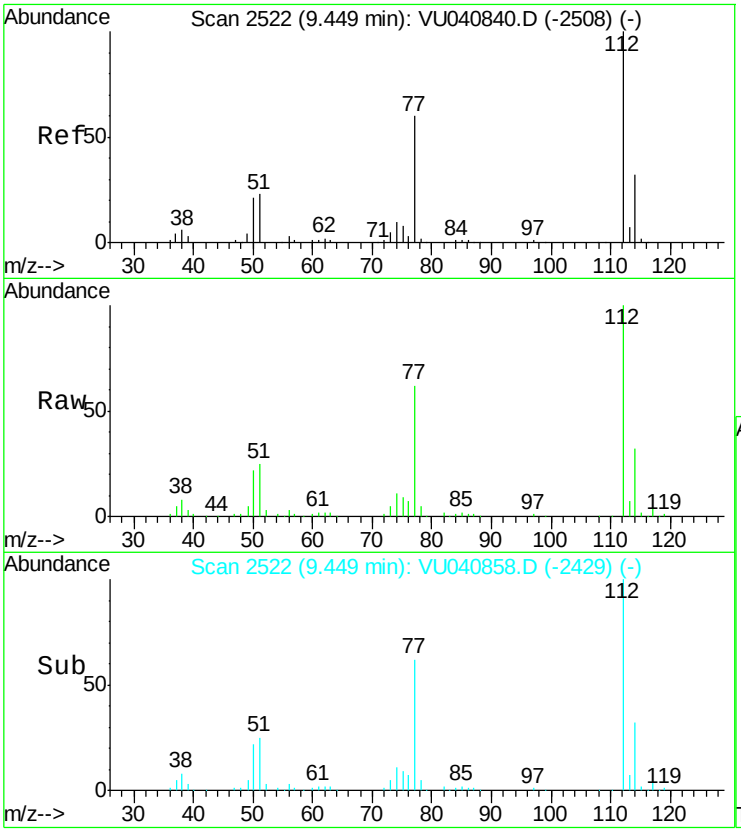


#47
Tetrachloroethene
Concen: 0.284 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040858.D
Acq: 20 Oct 2020 19:29

Tgt Ion:164 Resp: 1998

Ion	Ratio	Lower	Upper
164	100		
129	92.9	68.8	127.8
131	84.0	66.7	123.9
166	115.6	83.9	155.7



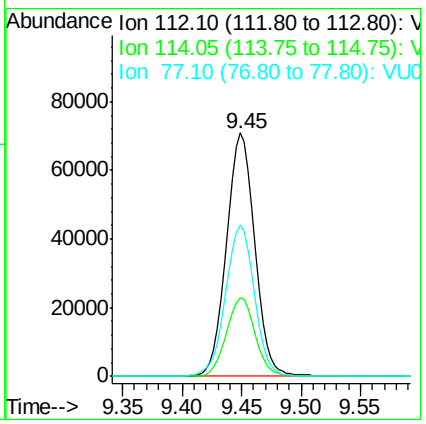


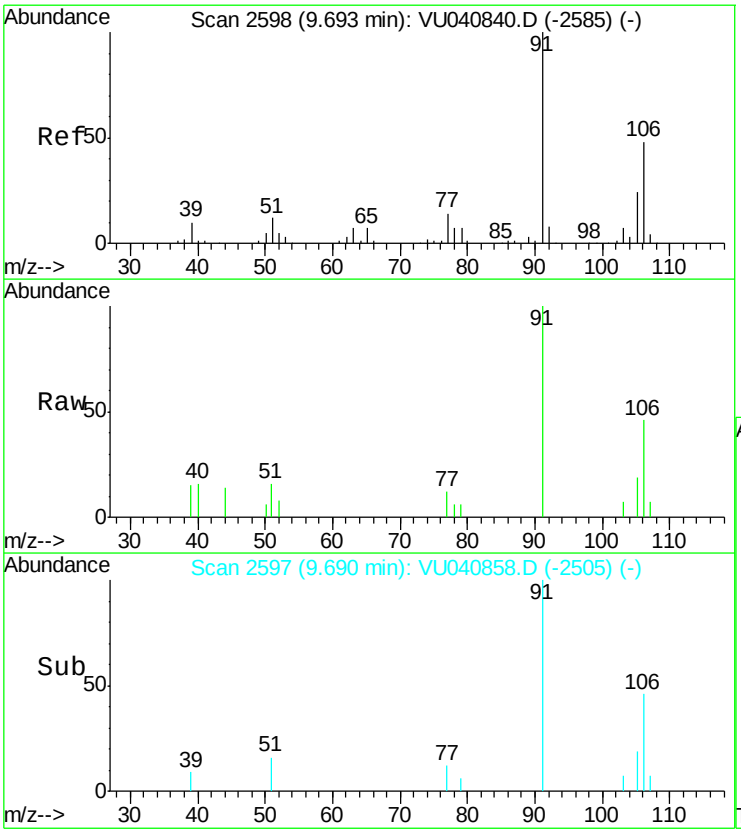
#51
Chlorobenzene
Concen: 4.580 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040858.D
Acq: 20 Oct 2020 19:29

Instrument :
MSVOA_U
ClientSampleId :
ETZ50MS

Tgt Ion:112 Resp: 117139

Ion	Ratio	Lower	Upper
112	100		
114	32.4	23.1	42.9
77	62.0	50.3	75.5





#53
m,p-Xylene
Concen: 0.106 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU040858.D
Acq: 20 Oct 2020 19:29

Tgt Ion:106 Resp: 1625

Ion	Ratio	Lower	Upper
106	100		
91	217.1	148.5	275.7