Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100220\
Data File : VU040466.D
Acq On : 02 Oct 2020 17:52
Operator : SY/MD
Sample : L4209-03MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JLWS8MS

Quant Time: Oct 03 02:55:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 03 00:09:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	144215	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	141401	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	66454	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.00	65	0	0.00	ug/L	
Spiked Amount 5.000	Range 40 - 130		Recovery = 0.00%#			
7) Chloroethane-d5	1.92	69	28998	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.80%			
11) 1,1-Dichloroethene-d2	2.58	63	56139	3.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.40%			
20) 2-Butanone-d5	4.65	46	142311	40.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.26%			
24) Chloroform-d	5.08	84	70586	4.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.00%			
26) 1,2-Dichloroethane-d4	5.72	65	44985	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.00%			
32) Benzene-d6	5.75	84	136713	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
36) 1,2-Dichloropropane-d6	6.70	67	46877	4.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.20%			
41) Toluene-d8	7.91	98	49048	1.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 39.80%#			
43) trans-1,3-Dichloropropene-	8.18	79	12251	2.89	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 57.80%			
46) 2-Hexanone-d5	8.64	63	101521	40.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.34%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	40830	4.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 80.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	51479	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	1133	0.080	ug/L #	72
12) 1,1-Dichloroethene	2.59	96	34405	3.133	ug/L	95
13) Acetone	2.66	43	11558	3.911	ug/L	97
33) Benzene	5.79	78	233270	4.921	ug/L	100
34) Trichloroethene	6.56	95	58859	4.677	ug/L	96
38) Bromodichloromethane	7.11	83	1120	0.069	ug/L #	89
42) Toluene	7.98	91	85181	1.752	ug/L	98
49) Dibromochloromethane	8.81	129	2129	0.198	ug/L	97
51) Chlorobenzene	9.45	112	160008	5.091	ug/L	98
61) Bromoform	10.29	173	3001	0.546	ug/L #	95

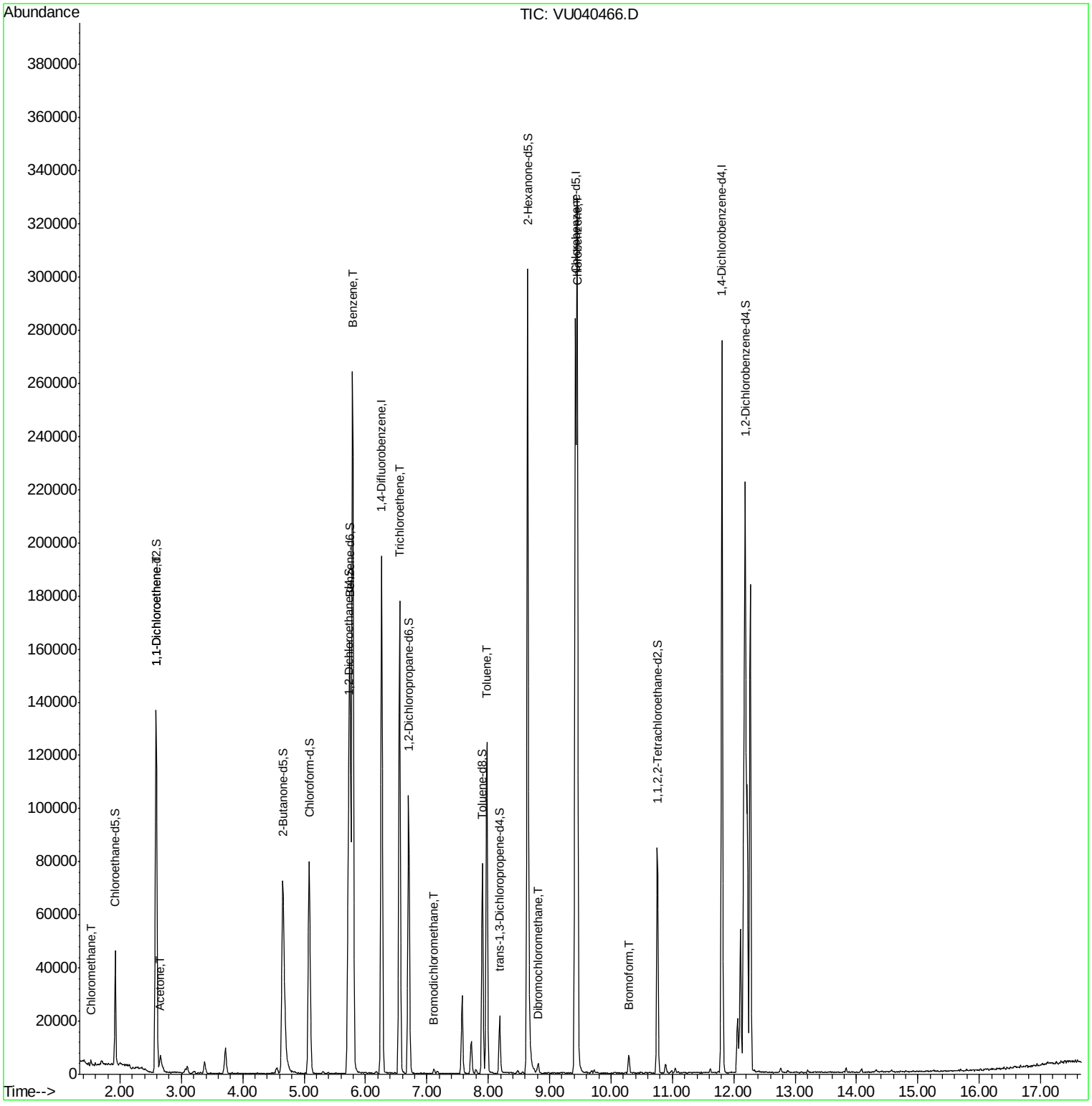
(#) = qualifier out of range (m) = manual integration (+) = signals summed

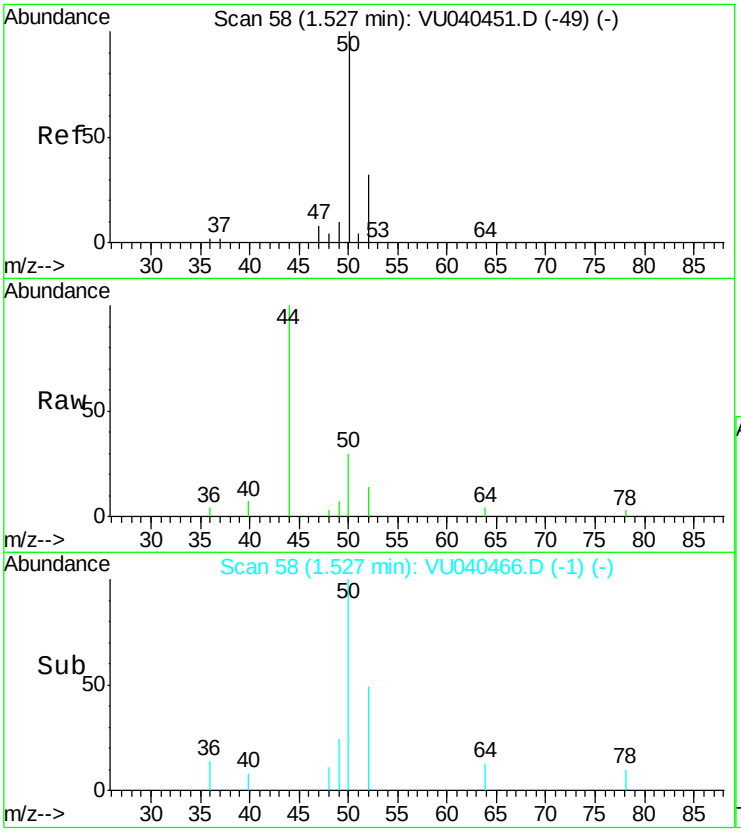
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100220\
Data File : VU040466.D
Acq On : 02 Oct 2020 17:52
Operator : SY/MD
Sample : L4209-03MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
JLWS8MS

Quant Time: Oct 03 02:55:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 03 00:09:31 2020
Response via : Initial Calibration



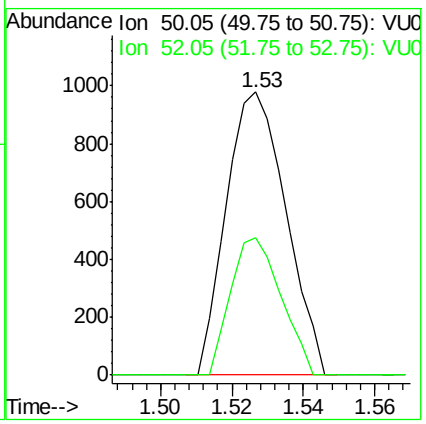


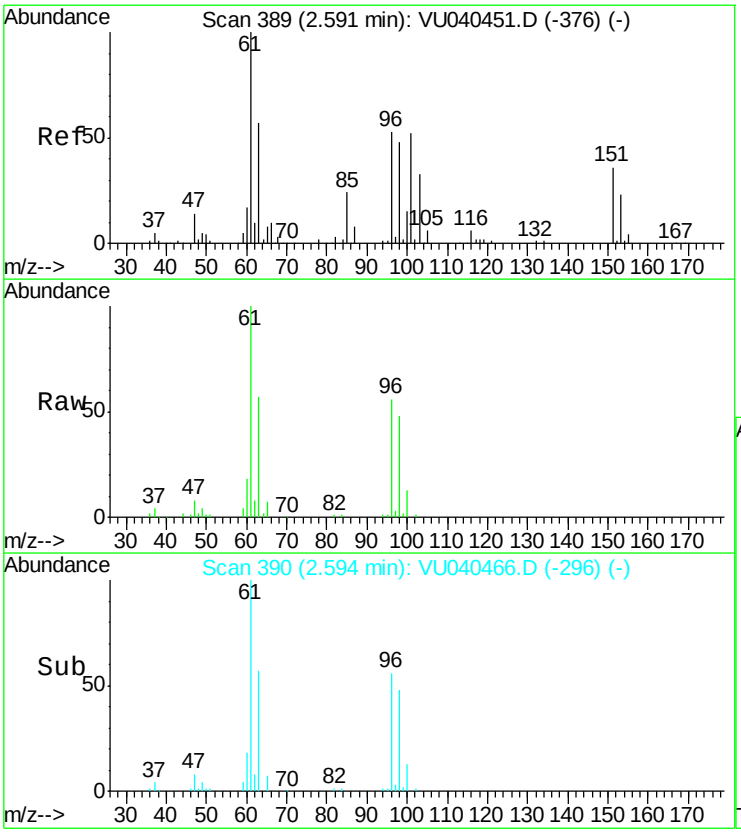
#3
Chloromethane
Concen: 0.080 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040466.D
Acq: 02 Oct 2020 17:52

Instrument :
MSVOA_U
ClientSampleId :
JLWS8MS

Tgt Ion: 50 Resp: 1133

Ion	Ratio	Lower	Upper
50	100		
52	48.7	23.0	42.6#

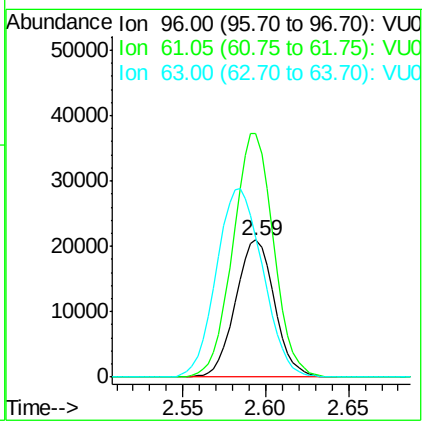


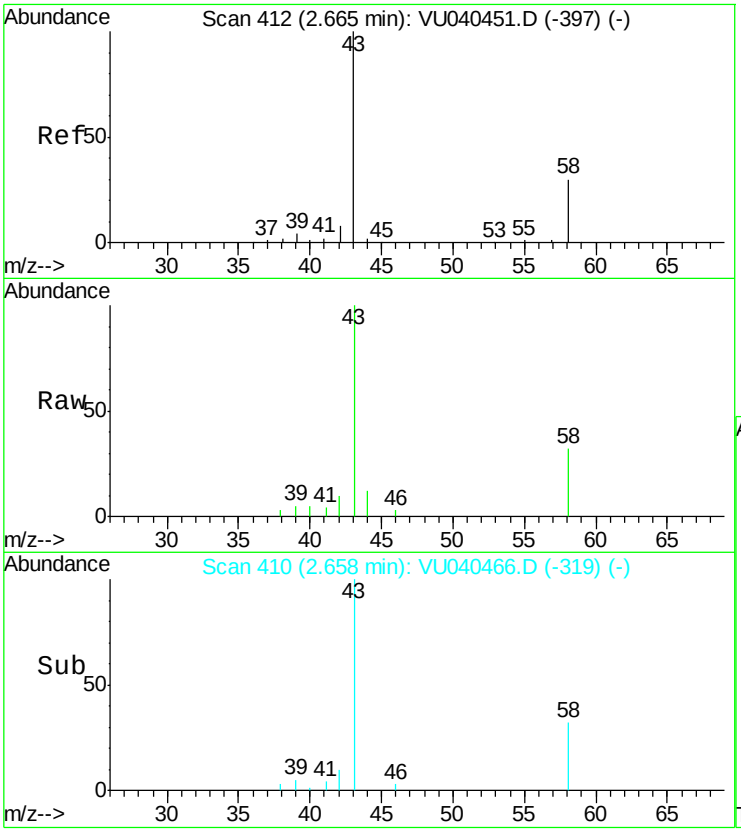


#12
1,1-Dichloroethene
Concen: 3.133 ug/L
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU040466.D
Acq: 02 Oct 2020 17:52

Tgt Ion: 96 Resp: 34405

Ion	Ratio	Lower	Upper
96	100		
61	177.5	128.6	238.8
63	102.0	67.8	126.0



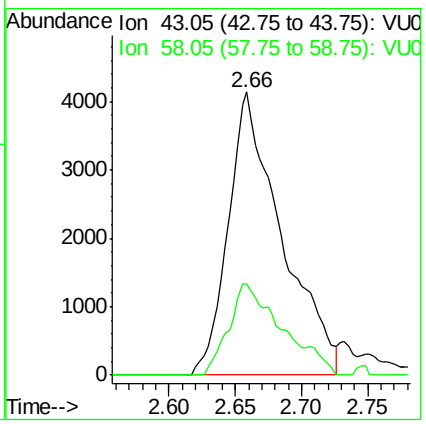


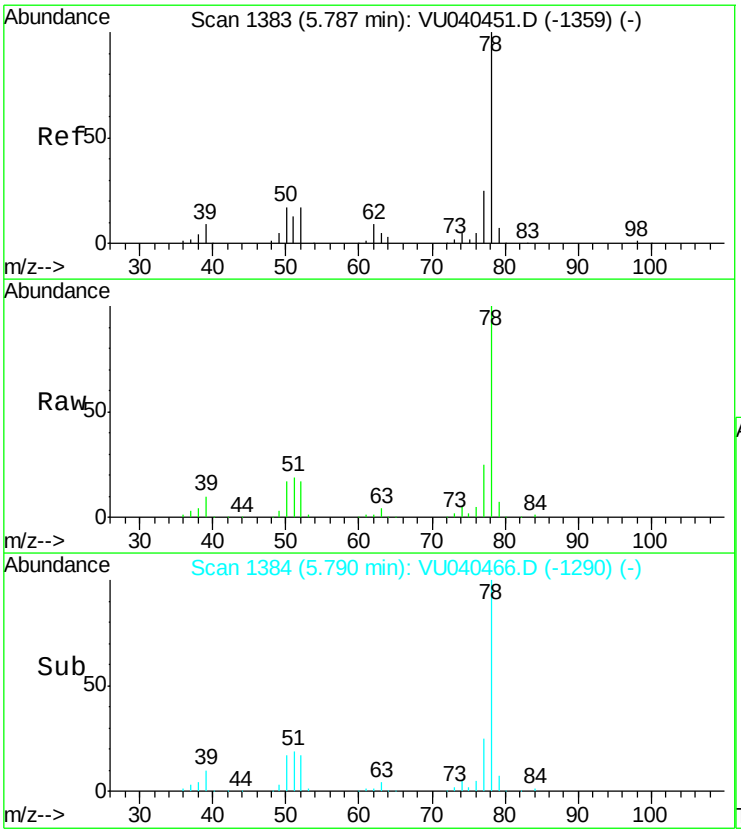
#13
Acetone
Concen: 3.911 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.01 min
Lab File: VU040466.D
Acq: 02 Oct 2020 17:52

Instrument :
MSVOA_U
ClientSampleId :
JLWS8MS

Tgt Ion: 43 Resp: 11558

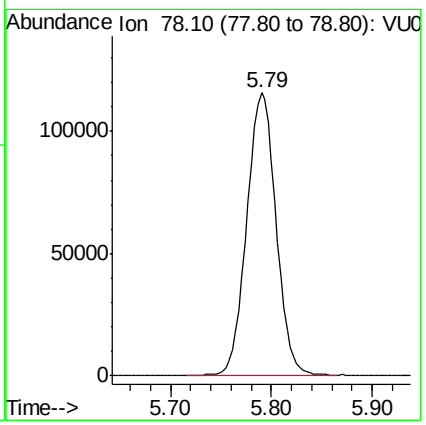
Ion	Ratio	Lower	Upper
43	100		
58	32.5	0.0	61.8

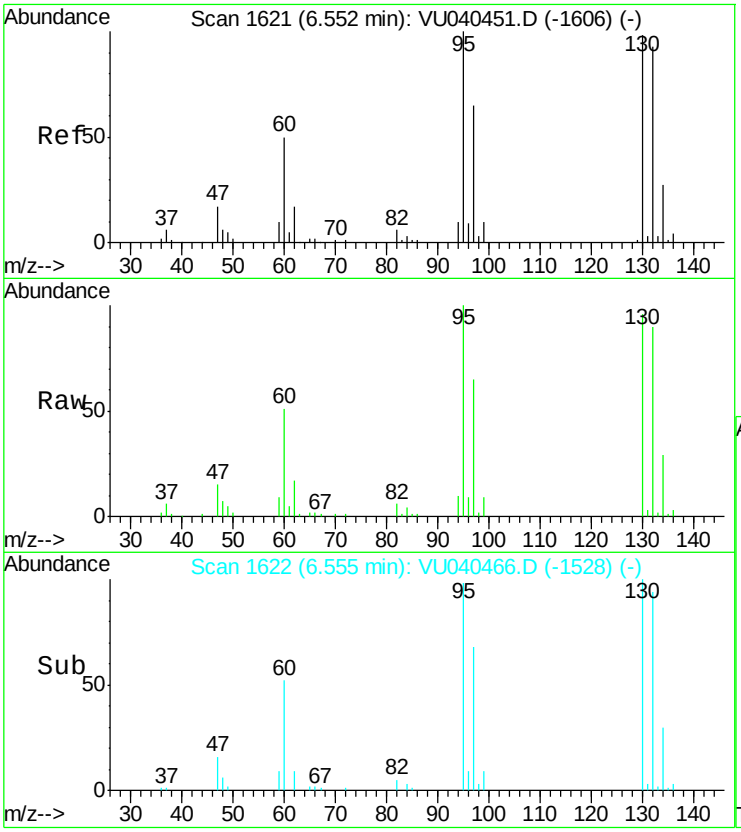




#33
Benzene
Concen: 4.921 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040466.D
Acq: 02 Oct 2020 17:52

Tgt Ion: 78 Resp: 233270



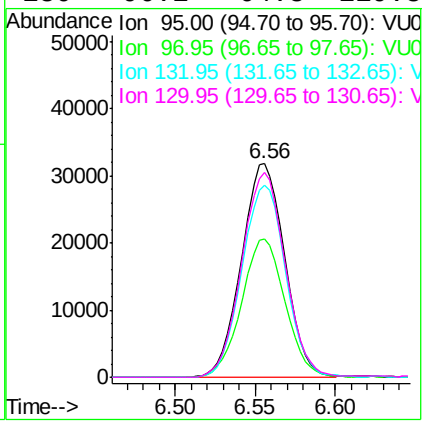


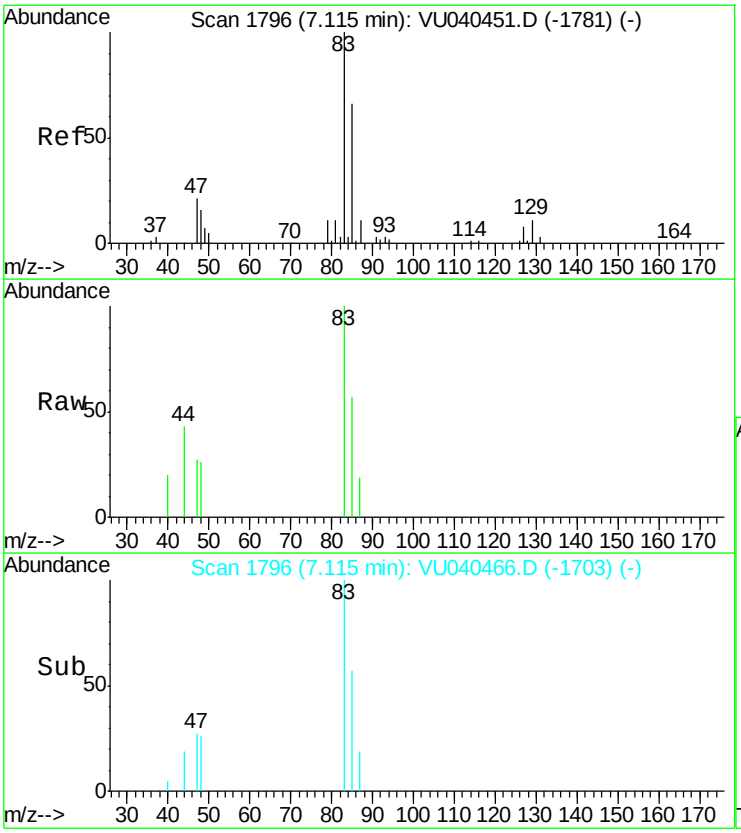
#34
Trichloroethene
Concen: 4.677 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040466.D
Acq: 02 Oct 2020 17:52

Instrument :
MSVOA_U
ClientSampleId :
JLWS8MS

Tgt Ion: 95 Resp: 58859

Ion	Ratio	Lower	Upper
95	100		
97	64.9	46.3	85.9
132	90.1	60.5	112.3
130	96.1	64.3	119.3

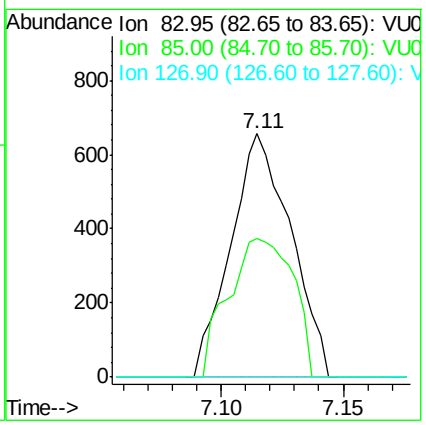


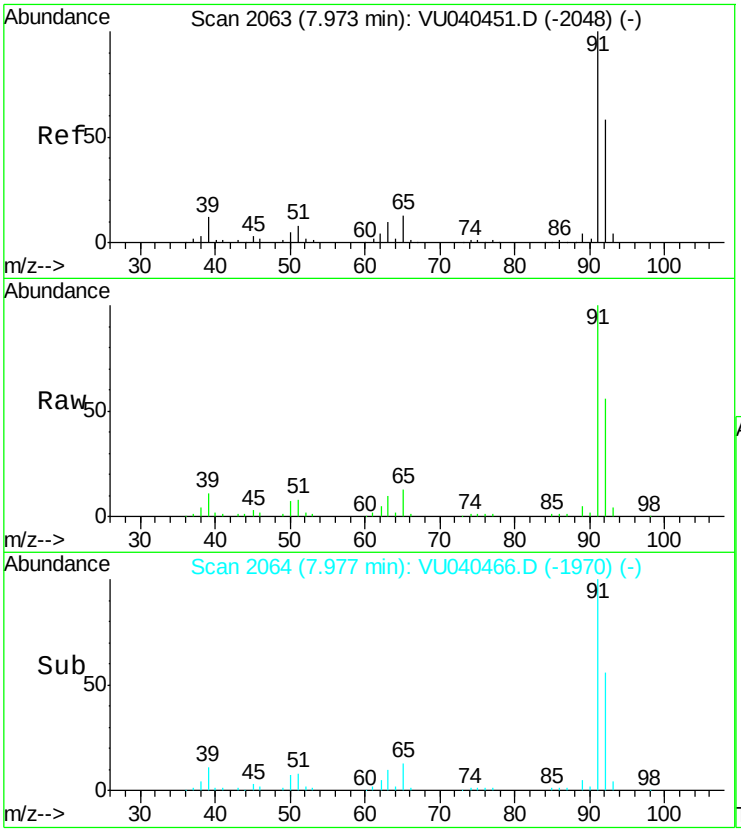


#38
Bromodichloromethane
Concen: 0.069 ug/L
RT: 7.11 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VU040466.D
Acq: 02 Oct 2020 17:52

Tgt Ion: 83 Resp: 1120

Ion	Ratio	Lower	Upper
83	100		
85	56.9	45.1	83.9
127	0.0	6.6	9.8#



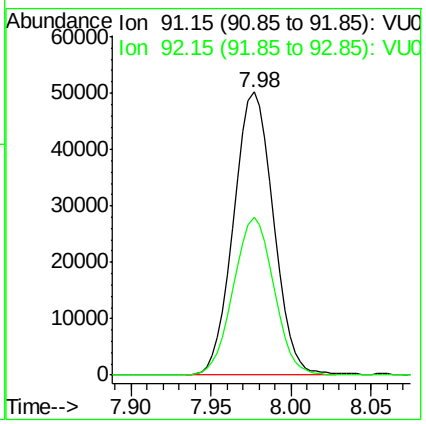


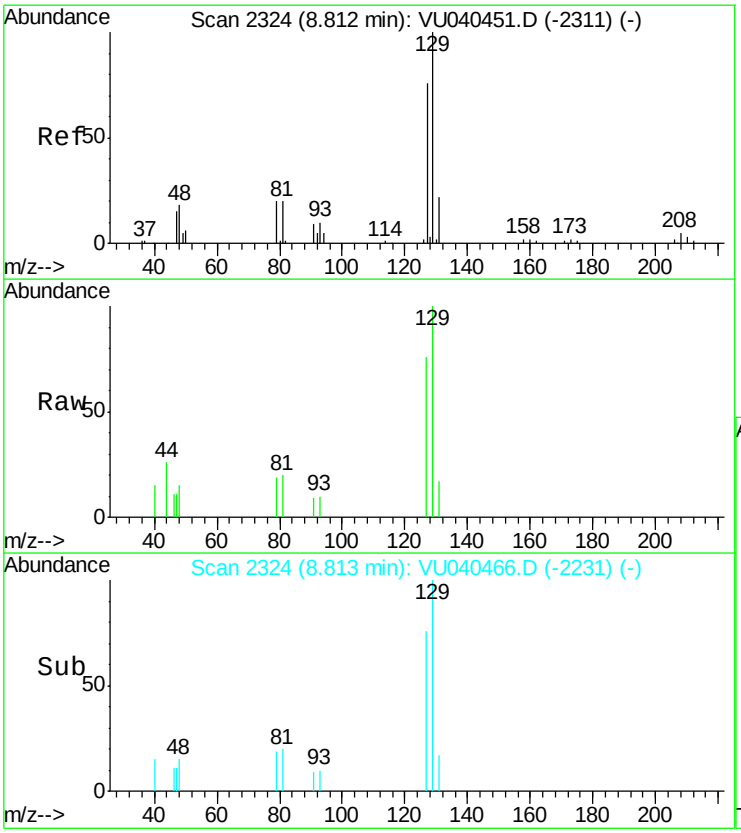
#42
Toluene
Concen: 1.752 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040466.D
Acq: 02 Oct 2020 17:52

Instrument :
MSVOA_U
ClientSampleId :
JLWS8MS

Tgt Ion: 91 Resp: 85181

Ion	Ratio	Lower	Upper
91	100		
92	55.6	40.0	74.4

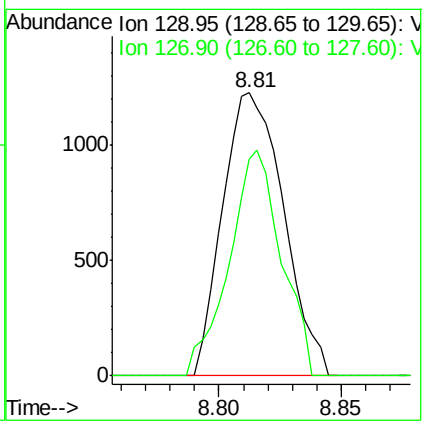


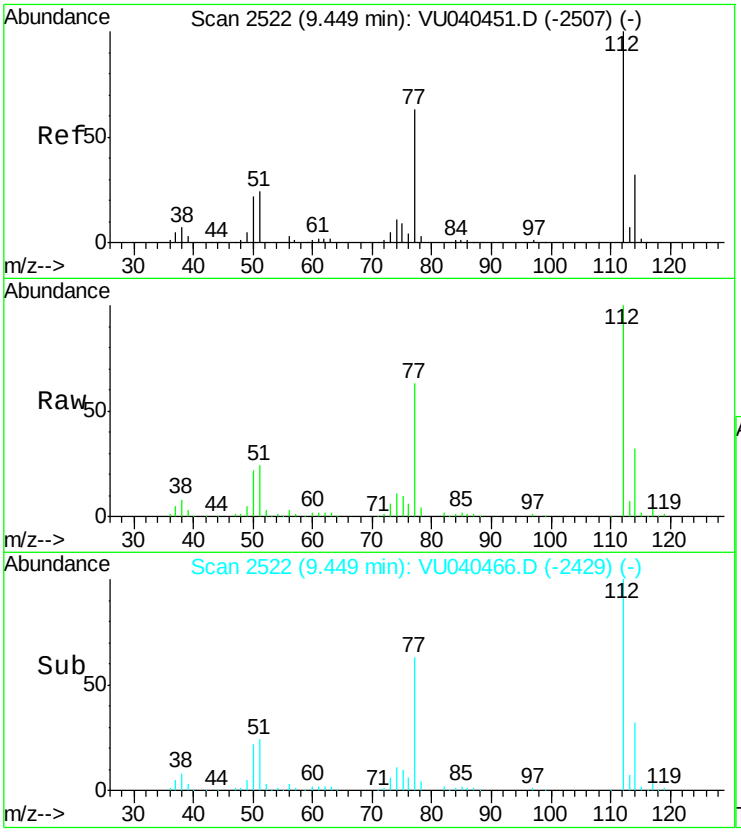


#49
Dibromochloromethane
Concen: 0.198 ug/L
RT: 8.81 min Scan# 2324
Delta R.T. 0.00 min
Lab File: VU040466.D
Acq: 02 Oct 2020 17:52

Tgt Ion:129 Resp: 2129

Ion	Ratio	Lower	Upper
129	100		
127	76.4	55.4	103.0



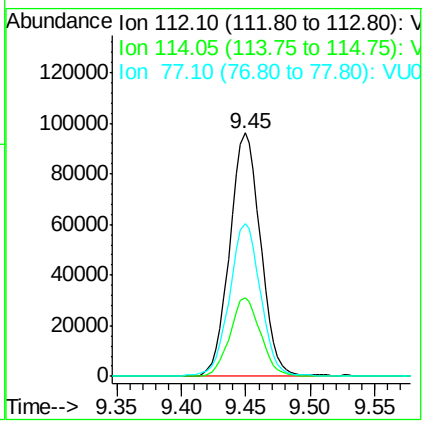


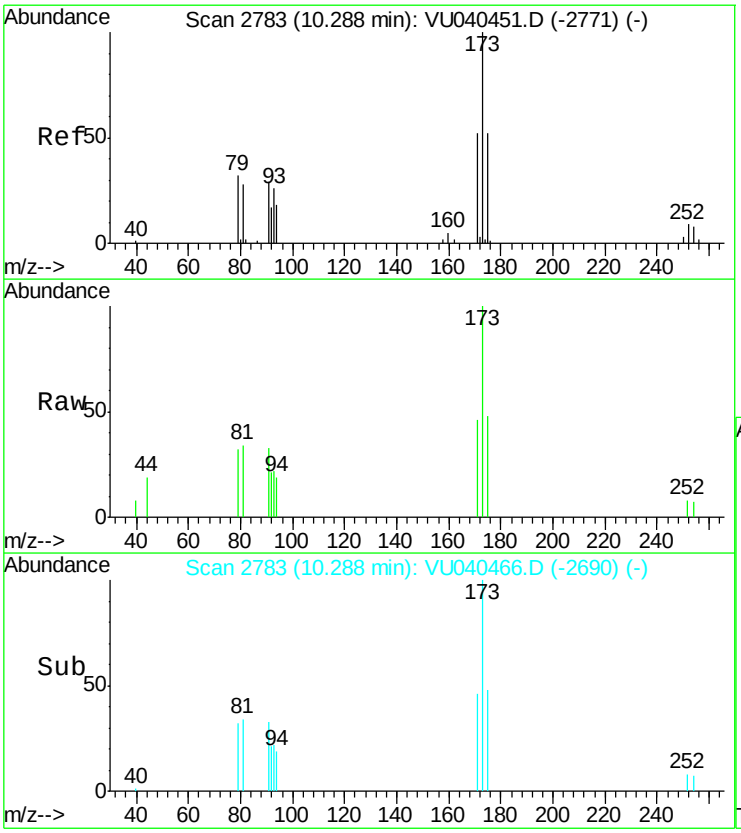
#51
Chlorobenzene
Concen: 5.091 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040466.D
Acq: 02 Oct 2020 17:52

Instrument : MSVOA_U
ClientSampleId : JLWS8MS

Tgt Ion:112 Resp: 160008

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.0	40.8
77	63.0	49.5	74.3





#61
Bromoform
Concen: 0.546 ug/L
RT: 10.29 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VU040466.D
Acq: 02 Oct 2020 17:52

Tgt Ion:173 Resp: 3001

Ion	Ratio	Lower	Upper
173	100		
175	47.4	39.6	59.4
254	2.4	7.0	10.4#