Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100520\
Data File : VU040503.D
Acq On : 05 Oct 2020 12:39
Operator : SY/MD
Sample : L4266-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFZR3

Quant Time: Oct 06 08:07:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 07:45:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117950	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121856	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54025	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	28570	4.89	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.80%			
7) Chloroethane-d5	1.92	69	23767	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.00%			
11) 1,1-Dichloroethene-d2	2.58	63	44031	3.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.80%			
20) 2-Butanone-d5	4.65	46	116686	40.23	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.46%			
24) Chloroform-d	5.08	84	60357	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.80%			
26) 1,2-Dichloroethane-d4	5.72	65	37873	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
32) Benzene-d6	5.74	84	110030	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
36) 1,2-Dichloropropane-d6	6.70	67	38251	4.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.40%			
41) Toluene-d8	7.90	98	90887	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.40%			
43) trans-1,3-Dichloropropene-	8.18	79	15846	4.33	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.60%			
46) 2-Hexanone-d5	8.64	63	76779	35.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 71.38%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	34730	3.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 79.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	37008	4.52	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.40%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	12183	1.050	ug/L	99
6) Bromomethane	1.87	94	593	0.107	ug/L	89
13) Acetone	2.66	43	19362	8.011	ug/L	66
14) Carbon disulfide	2.81	76	3123	0.110	ug/L	97
25) Chloroform	5.11	83	3678	0.189	ug/L	98
33) Benzene	5.79	78	2775	0.068	ug/L	100
42) Toluene	7.98	91	3499	0.084	ug/L	95
47) Tetrachloroethene	8.56	164	732	0.095	ug/L	87
52) Ethylbenzene	9.57	91	2590	0.057	ug/L	98
56) Isopropylbenzene	10.48	105	2138	0.050	ug/L	95
63) 1,4-Dichlorobenzene	11.83	146	1536	0.083	ug/L	94
65) 1,2-Dichlorobenzene	12.20	146	1511	0.087	ug/L #	89

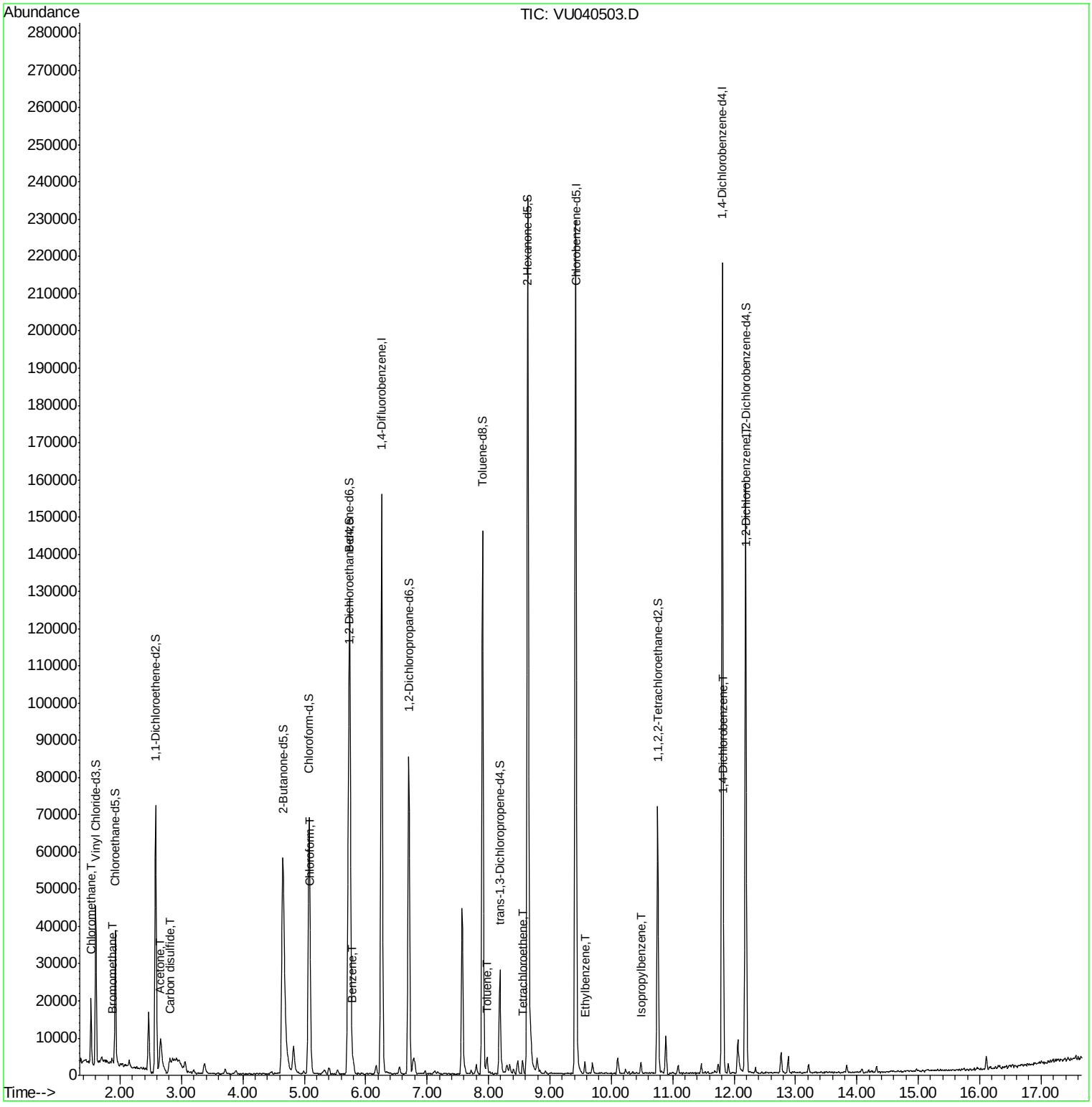
(#) = qualifier out of range (m) = manual integration (+) = signals summed

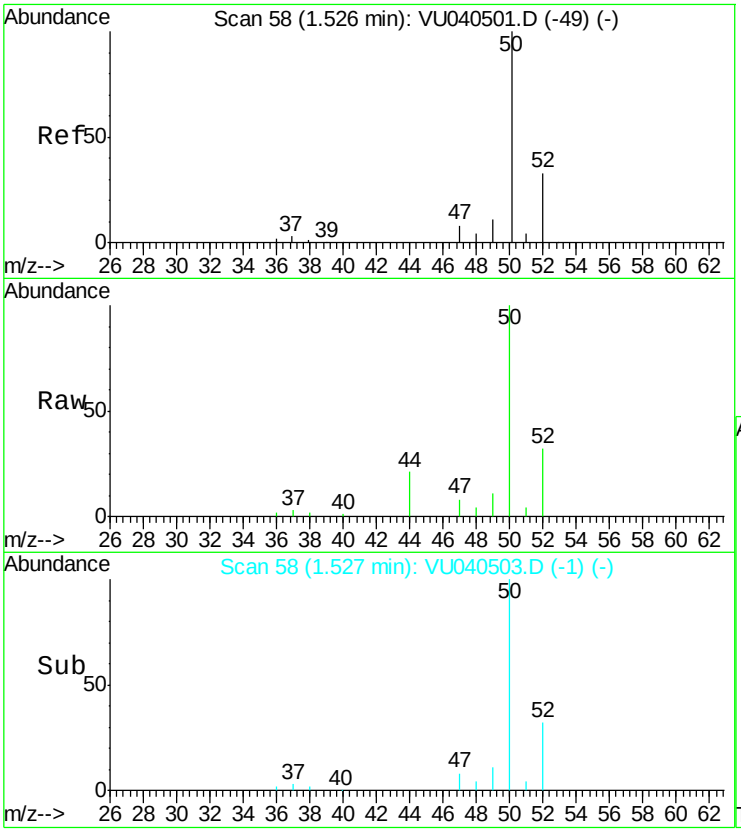
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100520\
Data File : VU040503.D
Acq On : 05 Oct 2020 12:39
Operator : SY/MD
Sample : L4266-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFZR3

Quant Time: Oct 06 08:07:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 07:45:27 2020
Response via : Initial Calibration



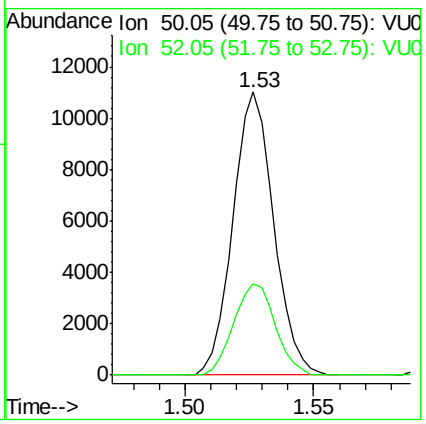


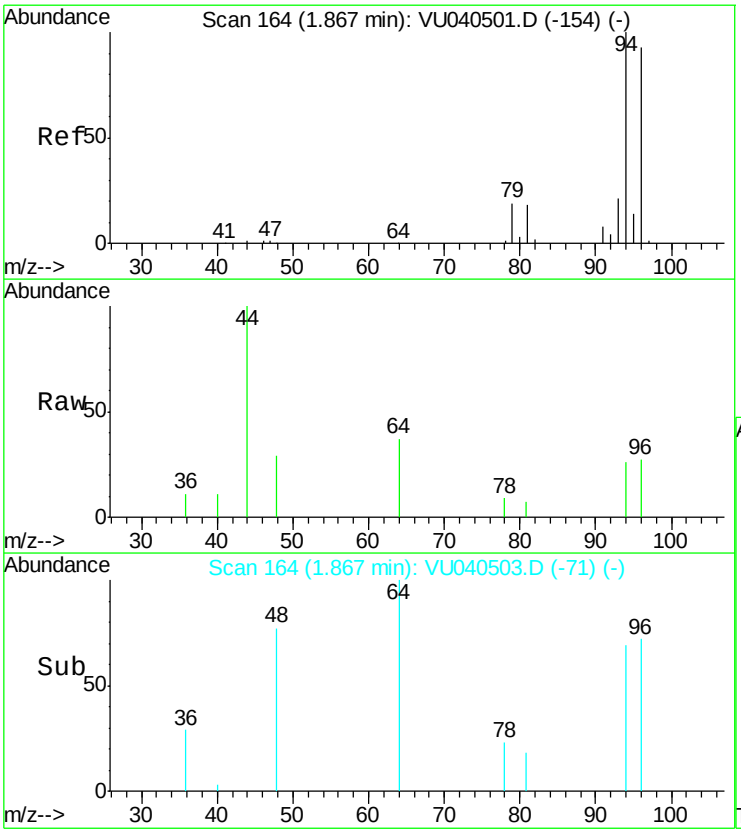
#3
Chloromethane
Concen: 1.050 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040503.D
Acq: 05 Oct 2020 12:39

Instrument :
MSVOA_U
ClientSampleId :
BFZR3

Tgt Ion: 50 Resp: 12183

Ion	Ratio	Lower	Upper
50	100		
52	32.2	23.0	42.6

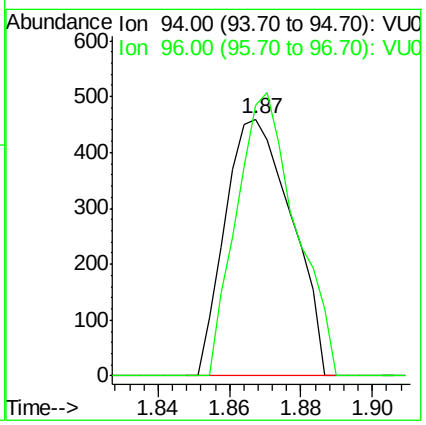


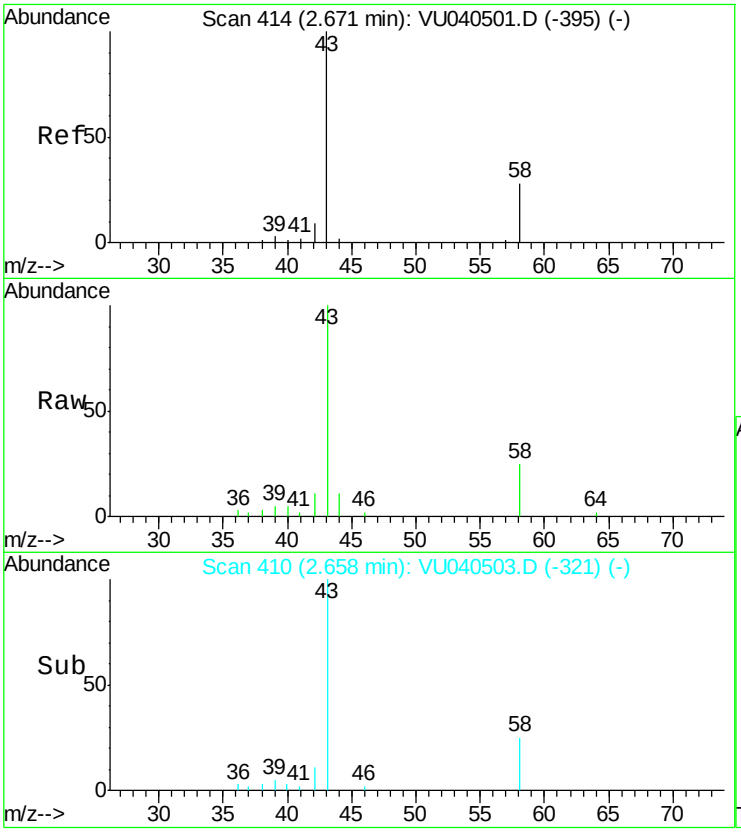


#6
Bromomethane
Concen: 0.107 ug/L
RT: 1.87 min Scan# 164
Delta R.T. 0.00 min
Lab File: VU040503.D
Acq: 05 Oct 2020 12:39

Tgt Ion: 94 Resp: 593

Ion	Ratio	Lower	Upper
94	100		
96	105.2	66.3	123.1



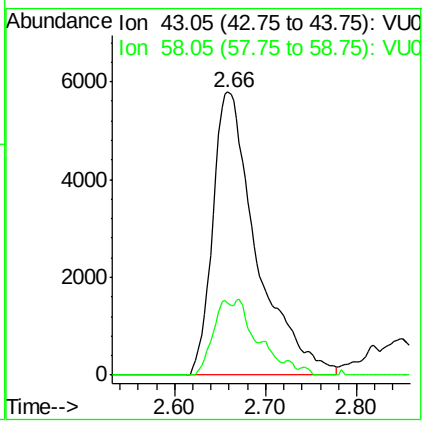


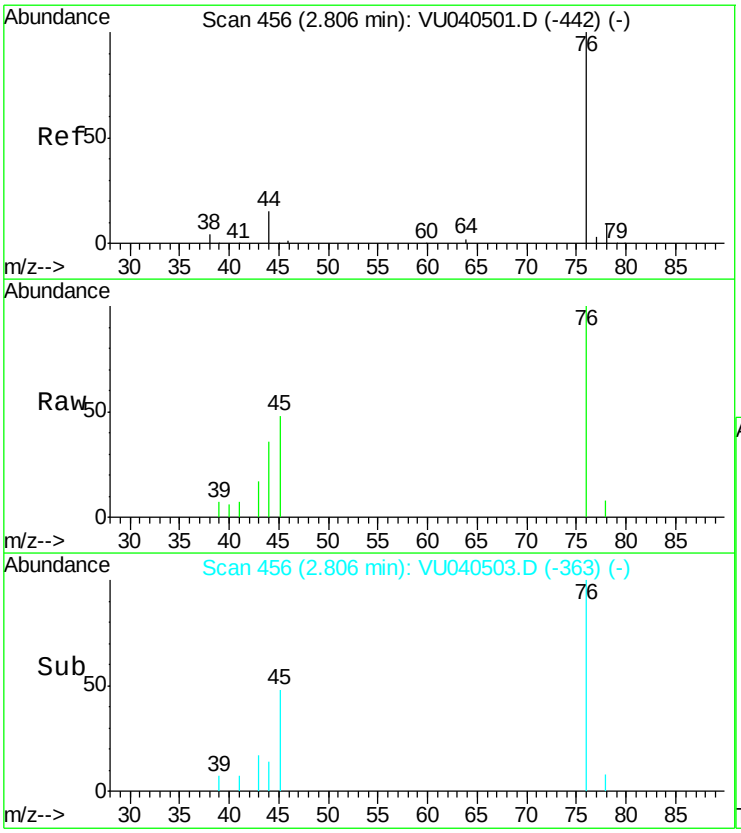
#13
Acetone
Concen: 8.011 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.01 min
Lab File: VU040503.D
Acq: 05 Oct 2020 12:39

Instrument :
MSVOA_U
ClientSampleId :
BFZR3

Tgt Ion: 43 Resp: 19362

Ion	Ratio	Lower	Upper
43	100		
58	12.4	0.0	61.8

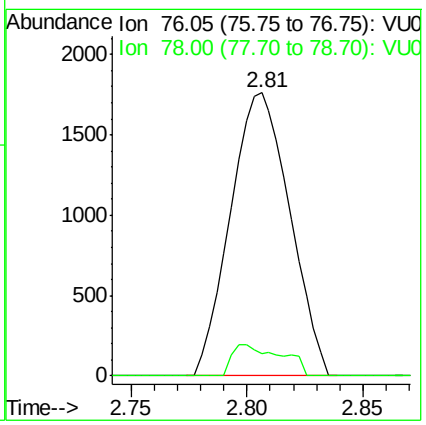


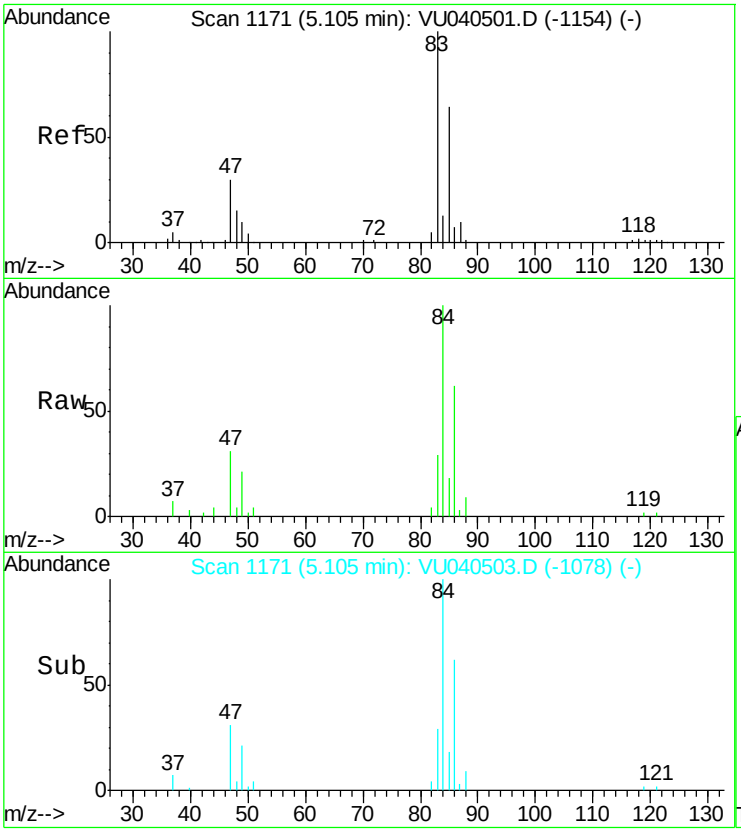


#14
Carbon disulfide
Concen: 0.110 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU040503.D
Acq: 05 Oct 2020 12:39

Tgt Ion: 76 Resp: 3123

Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.2	10.8



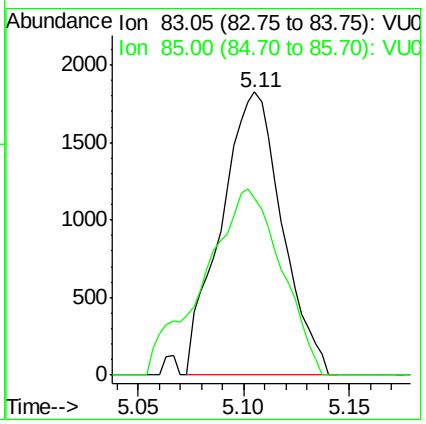


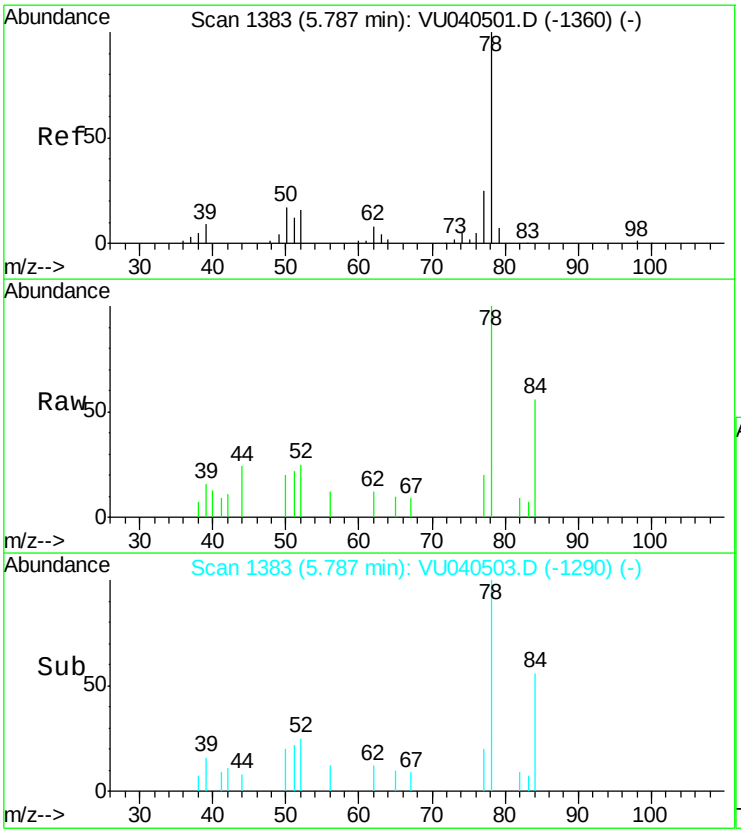
#25
Chloroform
Concen: 0.189 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040503.D
Acq: 05 Oct 2020 12:39

Instrument :
MSVOA_U
ClientSampleId :
BFZR3

Tgt Ion: 83 Resp: 3678

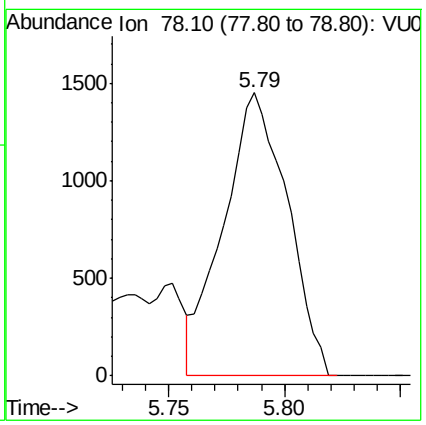
Ion	Ratio	Lower	Upper
83	100		
85	62.5	44.6	82.8

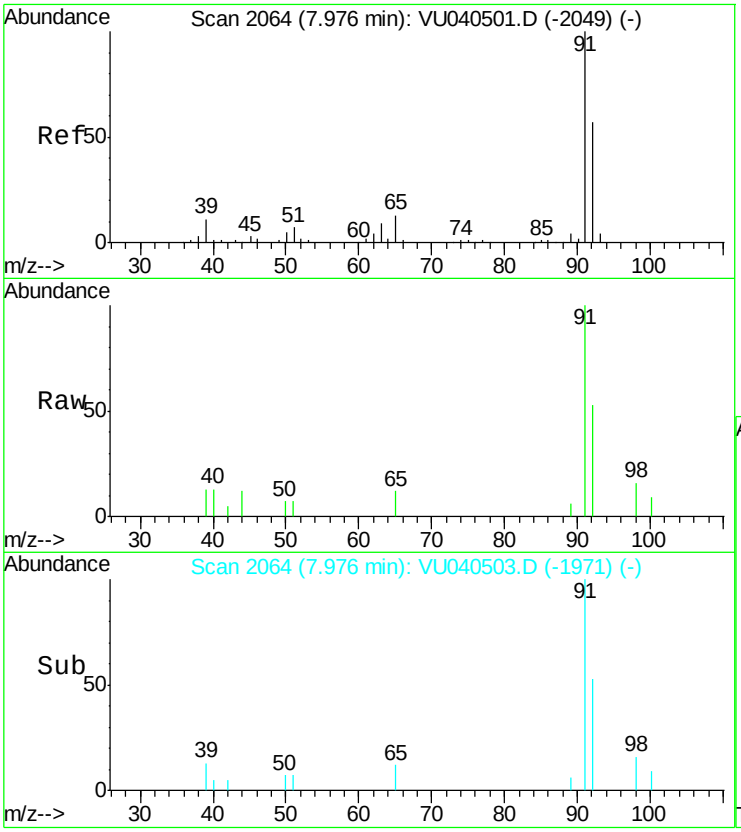




#33
Benzene
Concen: 0.068 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VU040503.D
Acq: 05 Oct 2020 12:39

Tgt Ion: 78 Resp: 2775



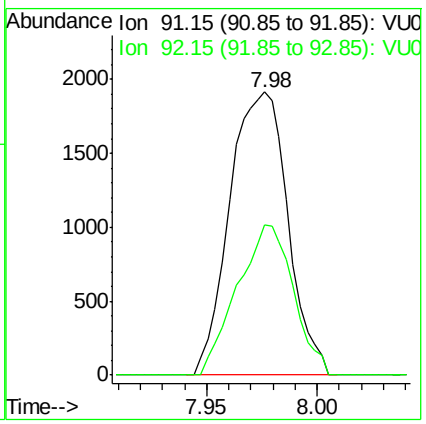


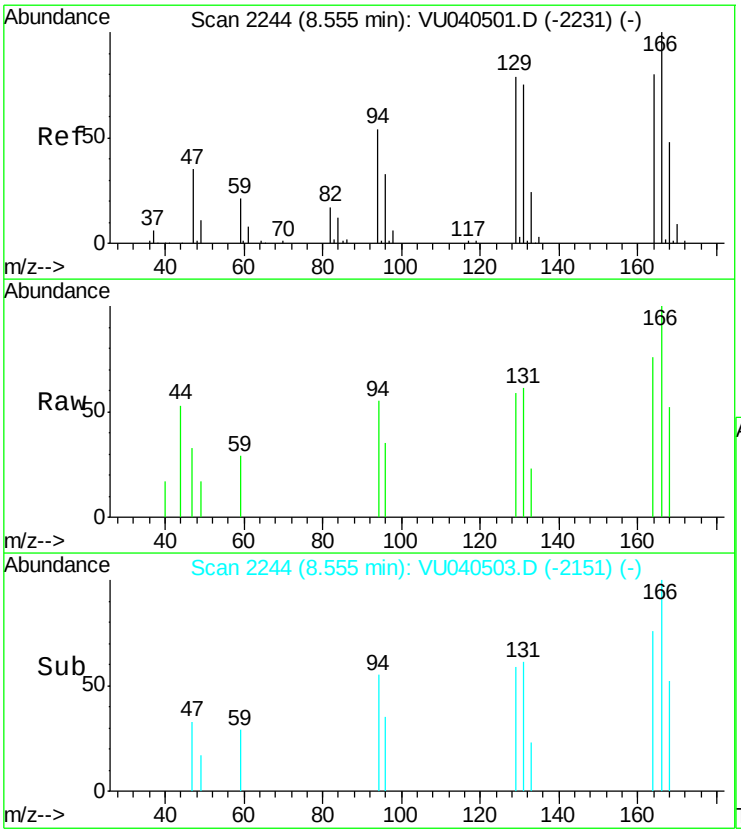
#42
Toluene
Concen: 0.084 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040503.D
Acq: 05 Oct 2020 12:39

Instrument : MSVOA_U
ClientSampleId : BFZR3

Tgt Ion: 91 Resp: 3499

Ion	Ratio	Lower	Upper
91	100		
92	53.2	40.0	74.4

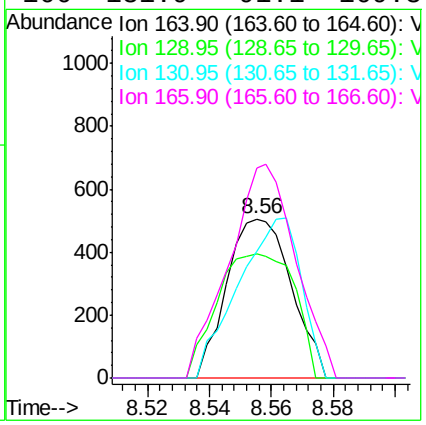


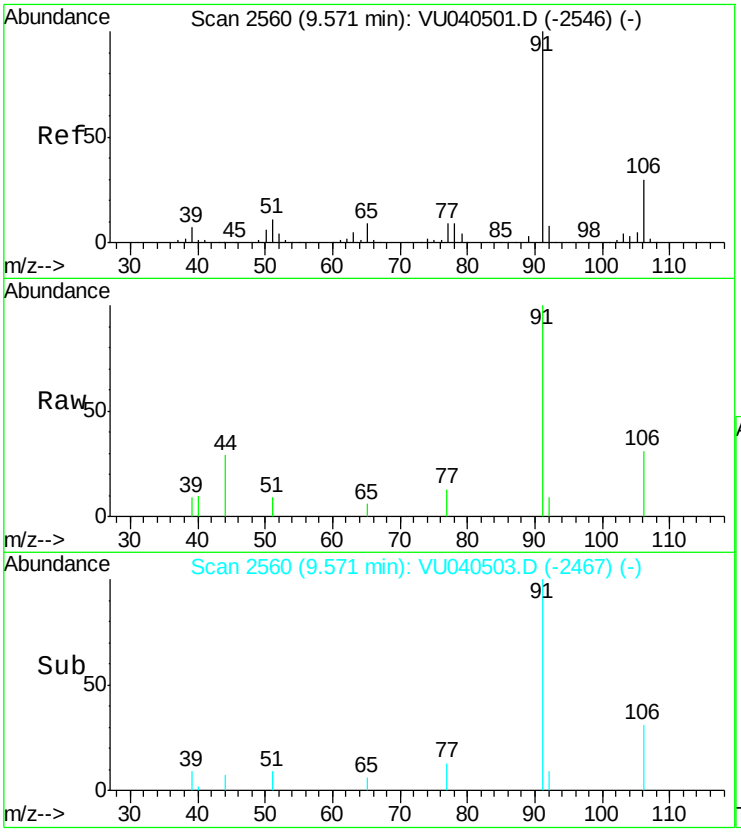


#47
Tetrachloroethene
Concen: 0.095 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VU040503.D
Acq: 05 Oct 2020 12:39

Tgt Ion:164 Resp: 732

Ion	Ratio	Lower	Upper
164	100		
129	78.0	70.3	130.7
131	80.0	69.2	128.6
166	131.9	91.1	169.3



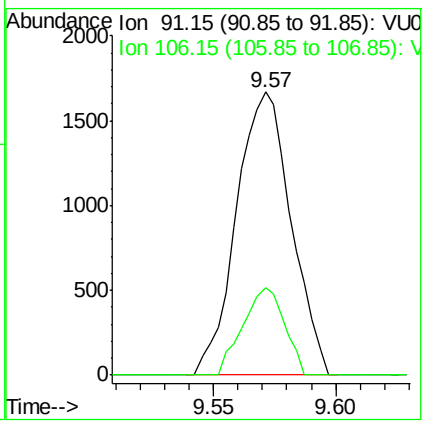


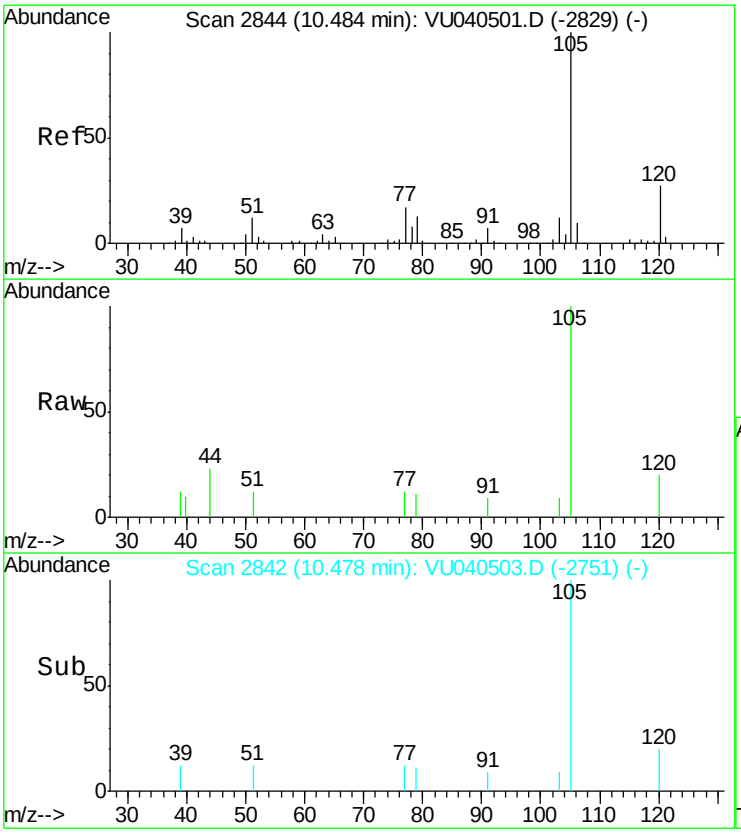
#52
Ethylbenzene
Concen: 0.057 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040503.D
Acq: 05 Oct 2020 12:39

Instrument : MSVOA_U
ClientSampleId : BFZR3

Tgt Ion: 91 Resp: 2590

Ion	Ratio	Lower	Upper
91	100		
106	31.1	21.1	39.3

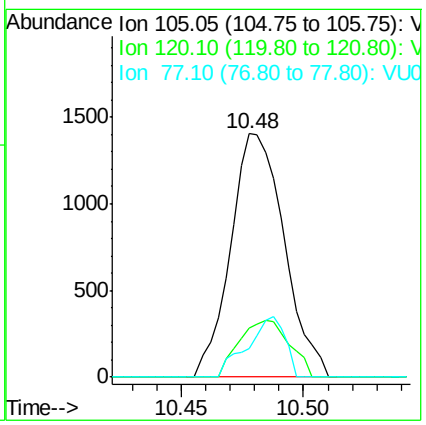


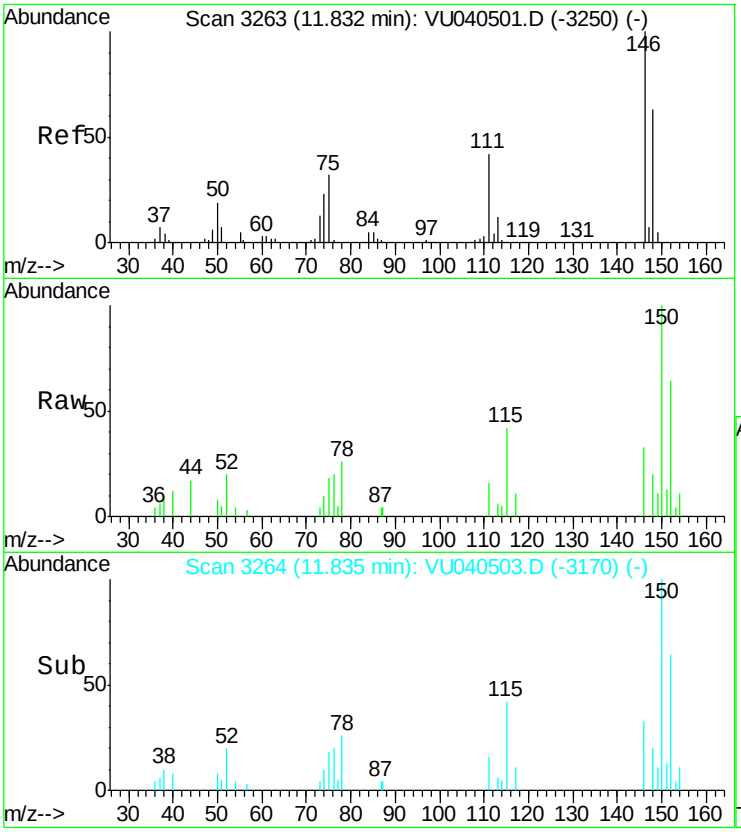


#56
Isopropylbenzene
Concen: 0.050 ug/L
RT: 10.48 min Scan# 2842
Delta R.T. -0.01 min
Lab File: VU040503.D
Acq: 05 Oct 2020 12:39

Tgt Ion:105 Resp: 2138

Ion	Ratio	Lower	Upper
105	100		
120	22.1	20.6	30.8
77	17.3	14.3	21.5



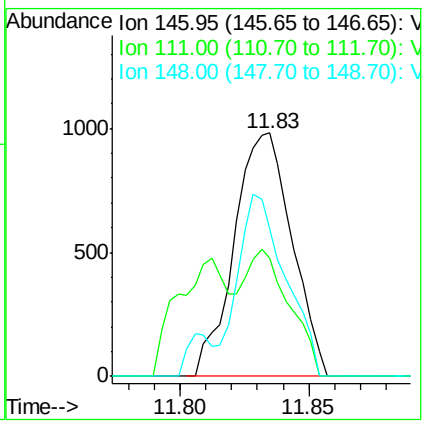


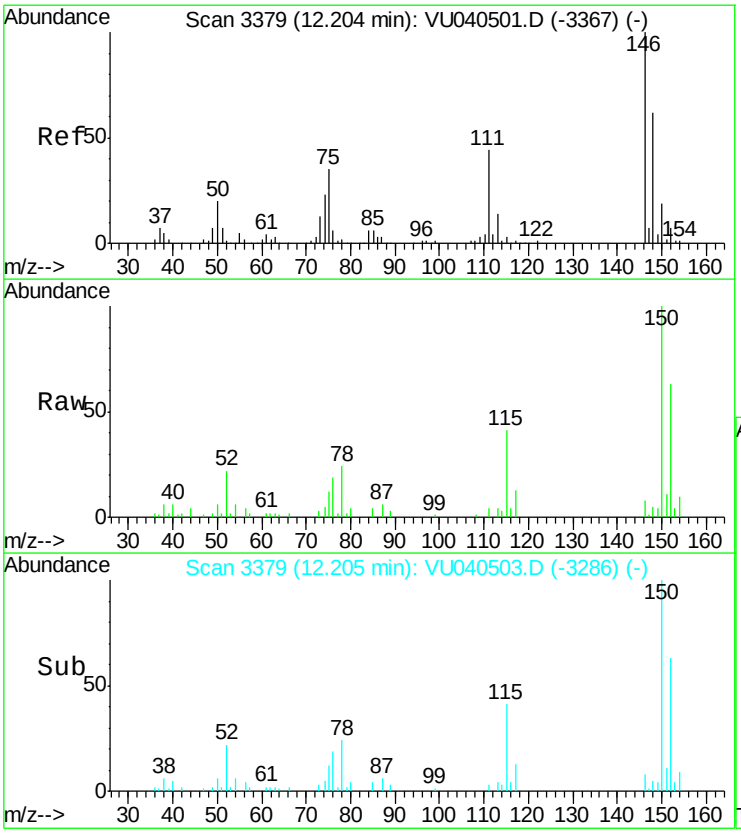
#63
1,4-Dichlorobenzene
Concen: 0.083 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.00 min
Lab File: VU040503.D
Acq: 05 Oct 2020 12:39

Instrument :
MSVOA_U
ClientSampleId :
BFZR3

Tgt Ion:146 Resp: 1536

Ion	Ratio	Lower	Upper
146	100		
111	48.7	29.2	54.2
148	60.9	44.4	82.4





#65
1,2-Dichlorobenzene
Concen: 0.087 ug/L
RT: 12.20 min Scan# 3379
Delta R.T. 0.00 min
Lab File: VU040503.D
Acq: 05 Oct 2020 12:39

Tgt Ion:146 Resp: 1511

Ion	Ratio	Lower	Upper
146	100		
111	56.6	35.6	53.4#
148	66.6	49.8	74.6