Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\
Data File : VU035136.D
Acq On : 12 Oct 2019 10:58
Operator : JC/SP
Sample : K5310-15MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 63 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-6D-001-01MS

Quant Time: Oct 14 04:07:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 14 01:16:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	169297	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	174668	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	69543	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	53056	5.30	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.00%			
7) Chloroethane-d5	1.67	69	50537	5.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.20%			
11) 1,1-Dichloroethene-d2	2.26	63	101210	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.00%			
20) 2-Butanone-d5	4.17	46	161684	54.86	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.72%			
24) Chloroform-d	4.62	84	98615	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.40%			
26) 1,2-Dichloroethane-d4	5.29	65	58981	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.20%			
32) Benzene-d6	5.32	84	202081	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
36) 1,2-Dichloropropane-d6	6.31	67	69642	5.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.80%			
41) Toluene-d8	7.55	98	173153	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.40%			
43) trans-1,3-Dichloropropene-	7.84	79	21415	4.35	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.00%			
46) 2-Hexanone-d5	8.30	63	116822	49.85	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.70%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58658	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.60%			
64) 1,2-Dichlorobenzene-d4	11.84	152	62658	5.34	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.80%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.27	96	37409	3.440	ug/L	89
13) Acetone	2.32	43	4944	2.048	ug/L	100
22) cis-1,2-Dichloroethene	4.21	96	18667	1.437	ug/L	90
33) Benzene	5.37	78	192920	3.667	ug/L	100
34) Trichloroethene	6.16	95	55300	4.076	ug/L	98
42) Toluene	7.62	91	204112	3.717	ug/L	99
47) Tetrachloroethene	8.21	164	35561	3.238	ug/L	98
51) Chlorobenzene	9.10	112	141774	3.984	ug/L	95

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

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MW-6D-001-01MS

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Quant Title : TRACE VOA SOM01.0
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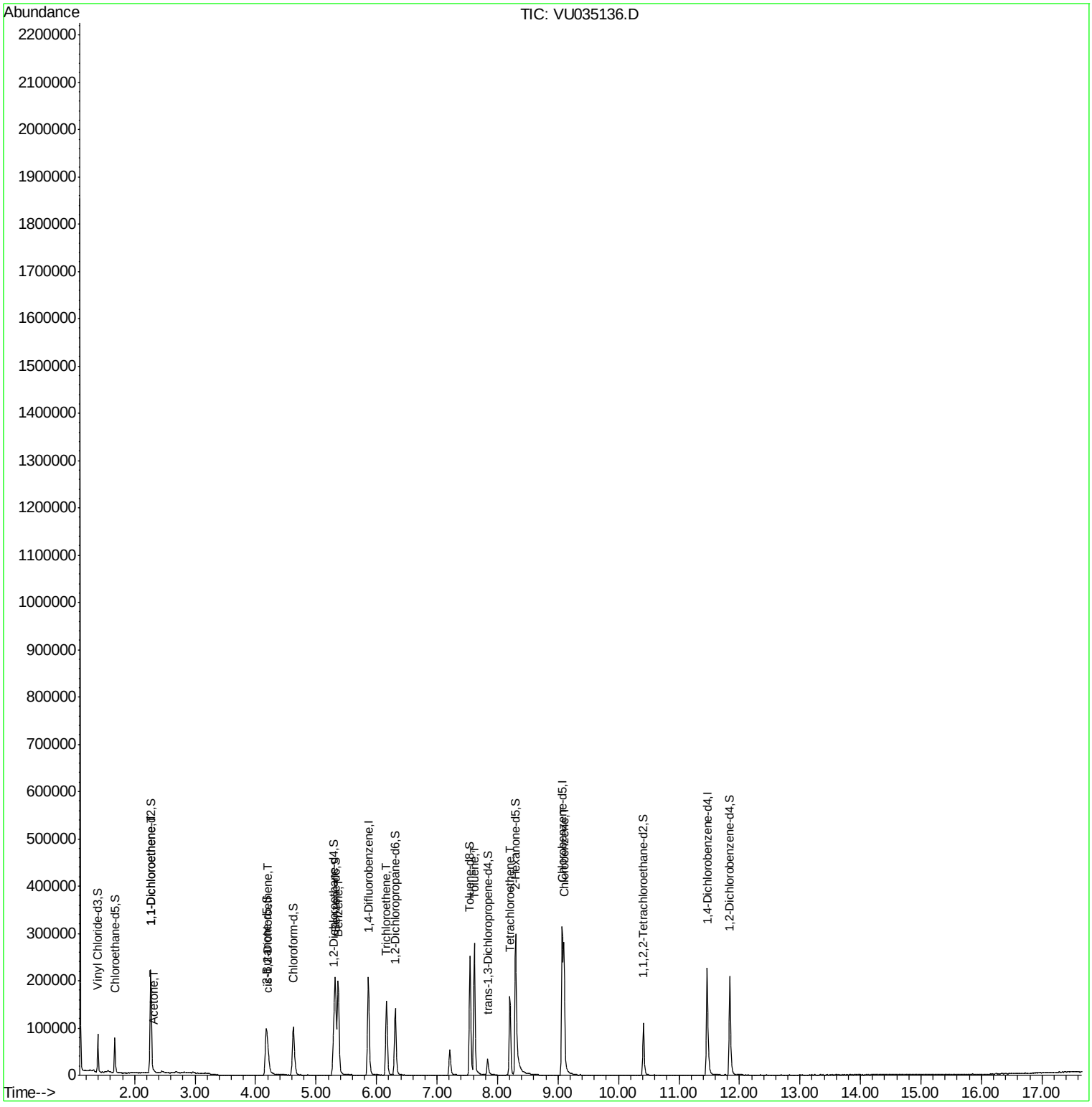
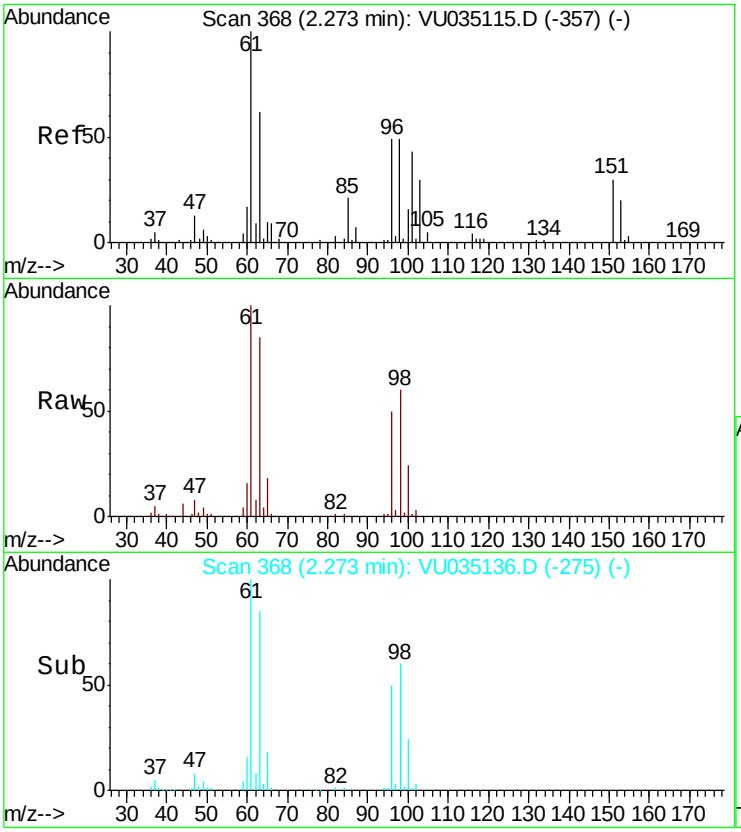


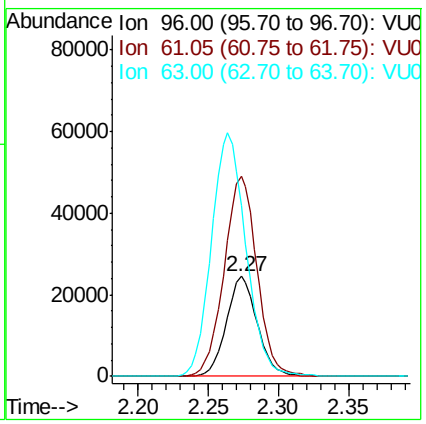


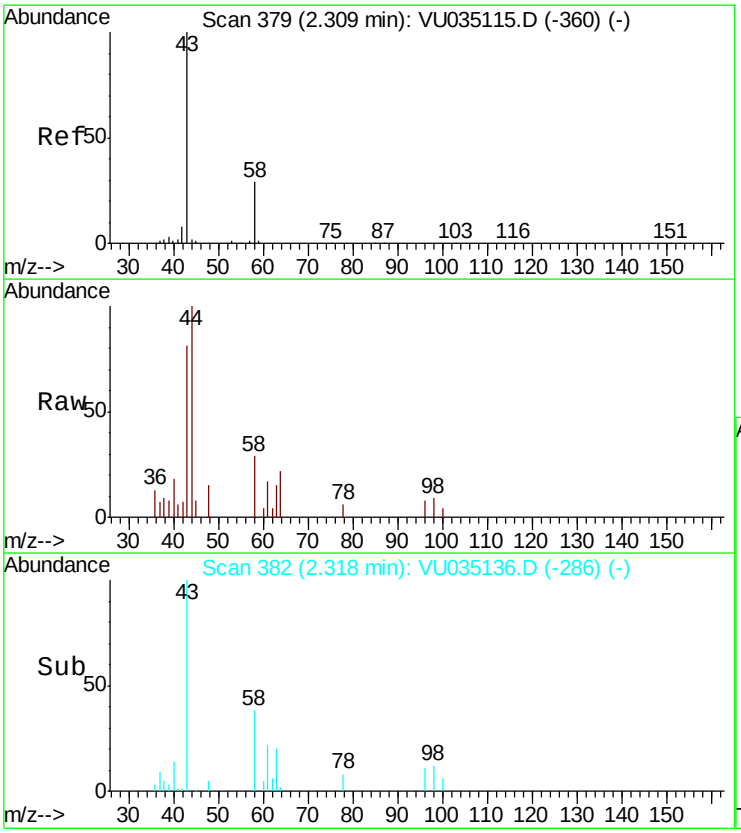
#12
1,1-Dichloroethene
Concen: 3.440 ug/L
RT: 2.27 min Scan# 368
Delta R.T. 0.00 min
Lab File: VU035136.D
Acq: 12 Oct 2019 10:58

Instrument :
MSVOA_U
ClientSampleId :
MW-6D-001-01MS

Tgt Ion: 96 Resp: 37409

Ion	Ratio	Lower	Upper
96	100		
61	200.3	129.3	240.1
63	170.8	108.9	202.3

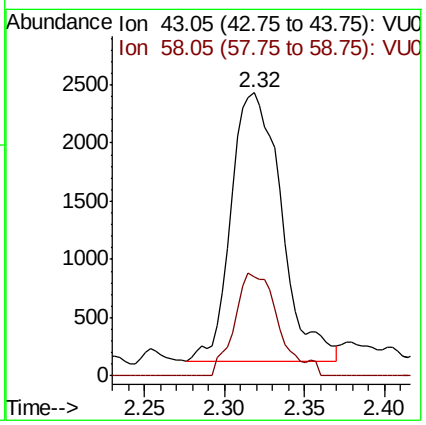


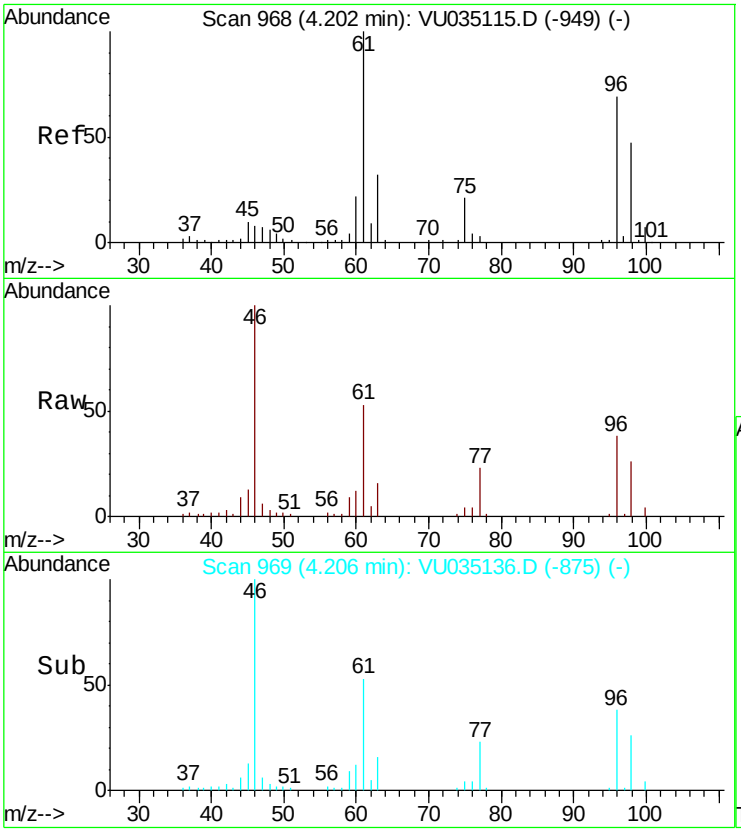


#13
Acetone
Concen: 2.048 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.01 min
Lab File: VU035136.D
Acq: 12 Oct 2019 10:58

Tgt Ion: 43 Resp: 4944

Ion	Ratio	Lower	Upper
43	100		
58	33.5	0.0	66.6



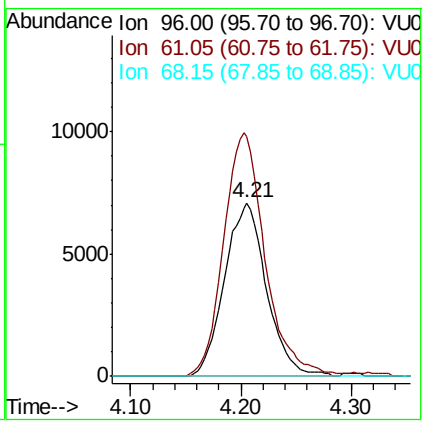


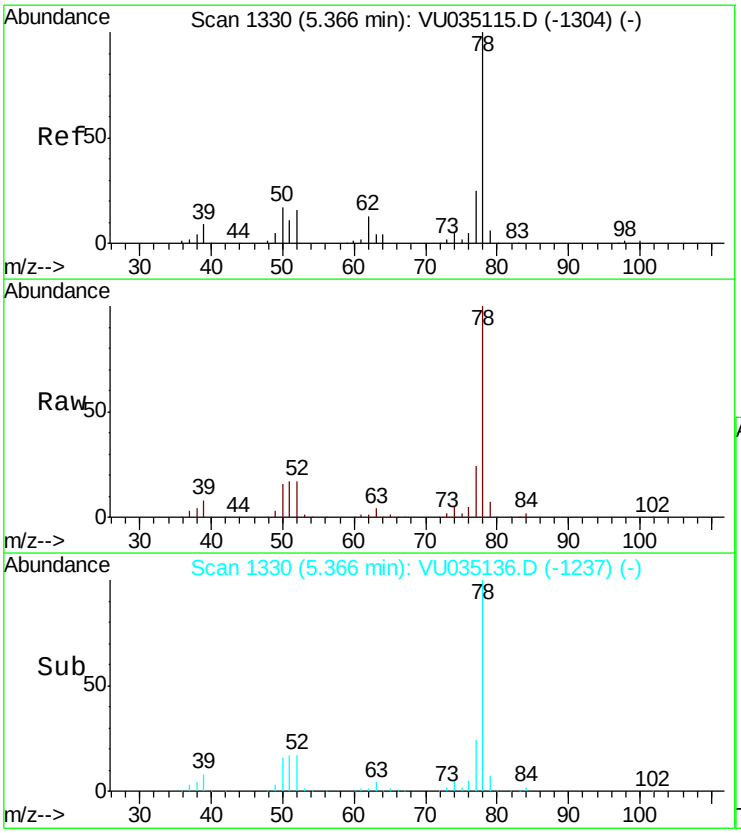
#22
cis-1,2-Dichloroethene
Concen: 1.437 ug/L
RT: 4.21 min Scan# 969
Delta R.T. 0.00 min
Lab File: VU035136.D
Acq: 12 Oct 2019 10:58

Instrument :
MSVOA_U
ClientSampleId :
MW-6D-001-01MS

Tgt Ion: 96 Resp: 18667

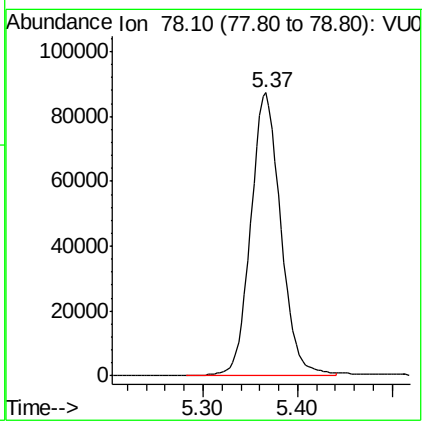
Ion	Ratio	Lower	Upper
96	100		
61	138.7	89.2	165.6
68	0.0	0.0	0.0

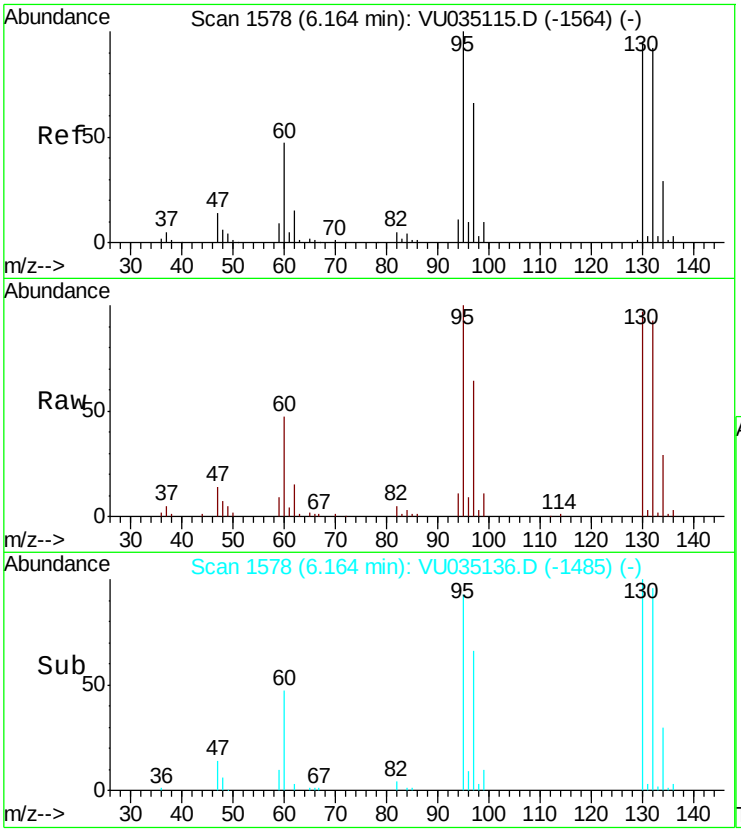




#33
Benzene
Concen: 3.667 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU035136.D
Acq: 12 Oct 2019 10:58

Tgt Ion: 78 Resp: 192920



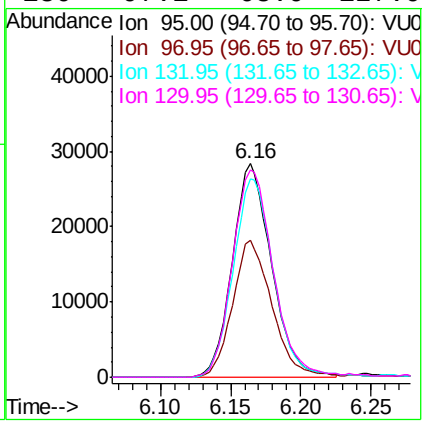


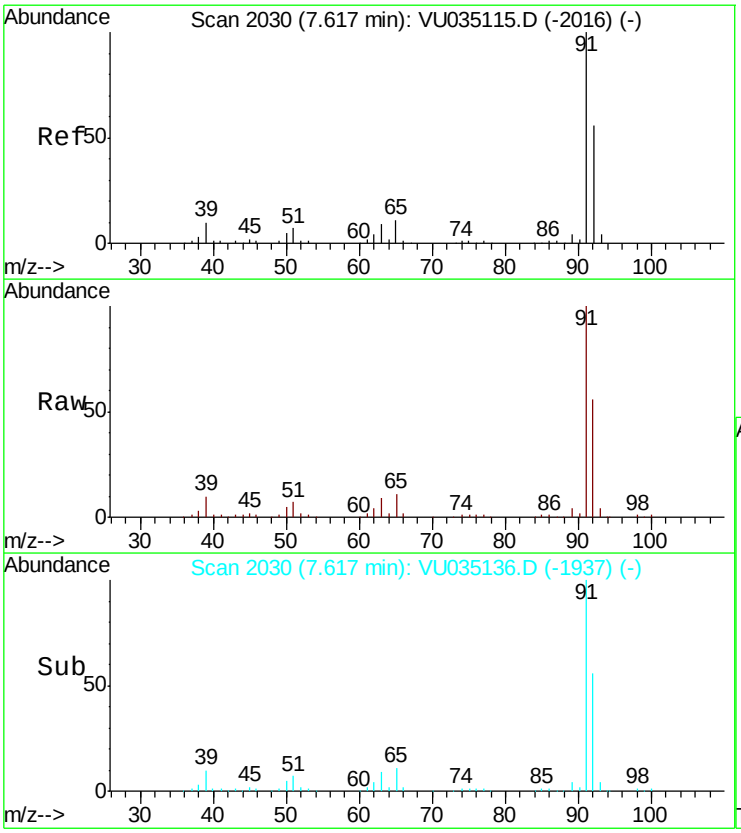
#34
Trichloroethene
Concen: 4.076 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU035136.D
Acq: 12 Oct 2019 10:58

Instrument :
MSVOA_U
ClientSampleId :
MW-6D-001-01MS

Tgt Ion: 95 Resp: 55300

Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.5	82.7
132	92.7	66.6	123.8
130	97.1	68.9	127.9

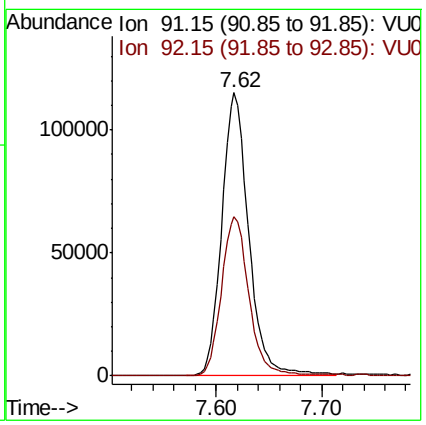


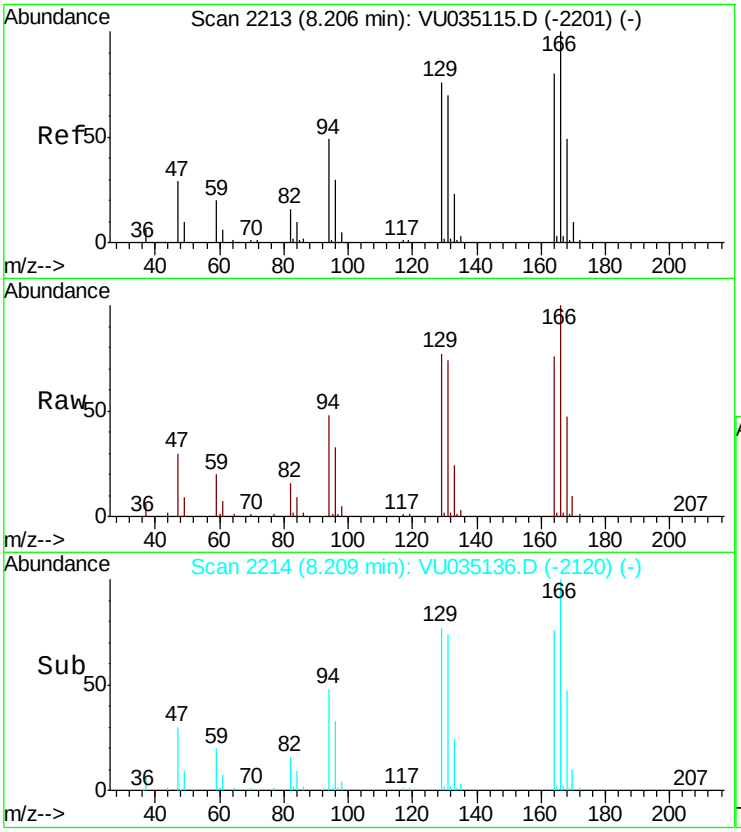


#42
Toluene
Concen: 3.717 ug/L
RT: 7.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: VU035136.D
Acq: 12 Oct 2019 10:58

Tgt Ion: 91 Resp: 204112

Ion	Ratio	Lower	Upper
91	100		
92	56.2	40.0	74.2



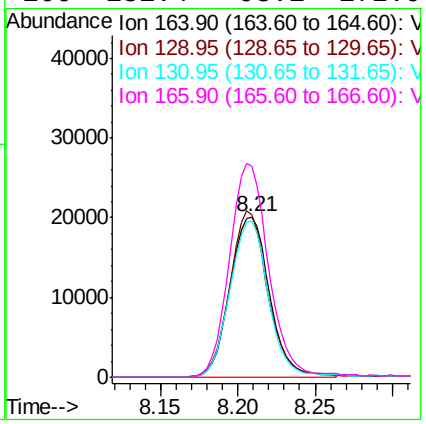


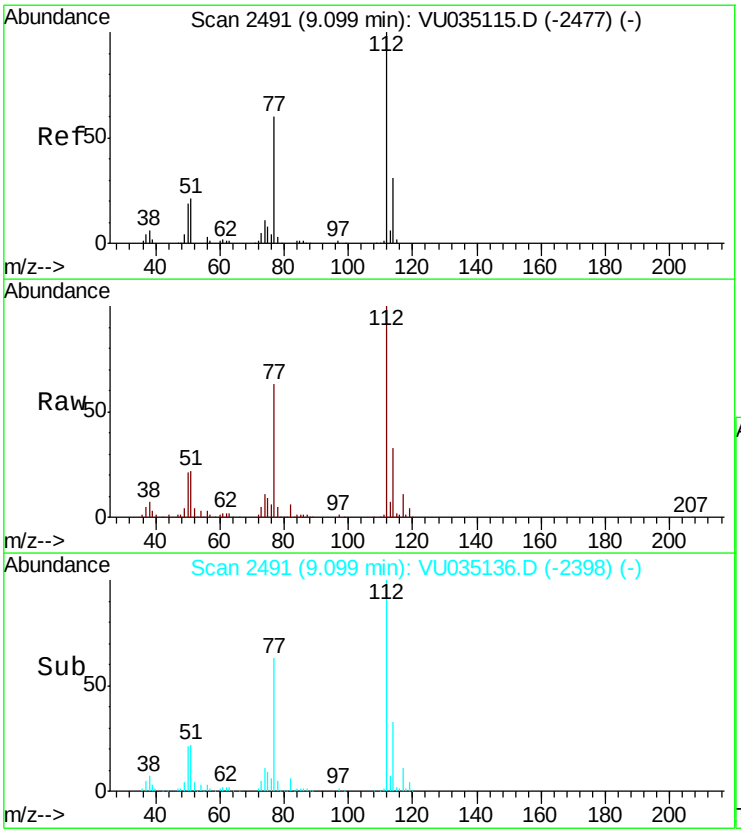
#47
Tetrachloroethene
Concen: 3.238 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU035136.D
Acq: 12 Oct 2019 10:58

Instrument :
MSVOA_U
ClientSampleId :
MW-6D-001-01MS

Tgt Ion:164 Resp: 35561

Ion	Ratio	Lower	Upper
164	100		
129	101.4	68.5	127.1
131	97.7	67.3	124.9
166	131.4	93.1	172.9





#51
Chlorobenzene
Concen: 3.984 ug/L
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU035136.D
Acq: 12 Oct 2019 10:58

Tgt Ion:112 Resp: 141774

Ion	Ratio	Lower	Upper
112	100		
114	33.0	22.1	41.1
77	63.0	46.9	70.3