Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\
Data File : VU035103.D
Acq On : 11 Oct 2019 20:46
Operator : JC/SP
Sample : K5310-05MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : IW-2-001-01MSD

Manual Integrations APPROVED
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10/15/2019 6:05:56 AM

Quant Time: Oct 12 04:26:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	160099	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	166371	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	71768	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	56785	6.00	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 120.00%			
7) Chloroethane-d5	1.67	69	51204	5.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 116.00%			
11) 1,1-Dichloroethene-d2	2.26	63	104719	5.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.00%			
20) 2-Butanone-d5	4.19	46	136404	48.94	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.88%			
24) Chloroform-d	4.62	84	102348	5.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 115.60%			
26) 1,2-Dichloroethane-d4	5.29	65	58127	5.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.60%			
32) Benzene-d6	5.31	84	196437	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
36) 1,2-Dichloropropane-d6	6.31	67	69430	5.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.40%			
41) Toluene-d8	7.55	98	172749	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
43) trans-1,3-Dichloropropene-	7.84	79	22222	4.74	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.80%			
46) 2-Hexanone-d5	8.30	63	121711	54.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.04%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58248	5.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.00%			
64) 1,2-Dichlorobenzene-d4	11.84	152	64584	5.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	147701	9.369	ug/L	100
12) 1,1-Dichloroethene	2.27	96	39364	3.828	ug/L	87
14) Carbon disulfide	2.65	76	127919m	3.738	ug/L	
18) trans-1,2-Dichloroethene	2.96	96	161075	14.628	ug/L	93
22) cis-1,2-Dichloroethene	4.20	96	10308	0.839	ug/L	84
33) Benzene	5.36	78	201566	4.022	ug/L	100
34) Trichloroethene	6.16	95	52516	4.063	ug/L	97
42) Toluene	7.62	91	226363	4.327	ug/L	99
51) Chlorobenzene	9.10	112	222928	6.576	ug/L	98

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

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Instrument :
MSVOA_U
ClientSampleId :
IW-2-001-01MSD

Manual Integrations APPROVED
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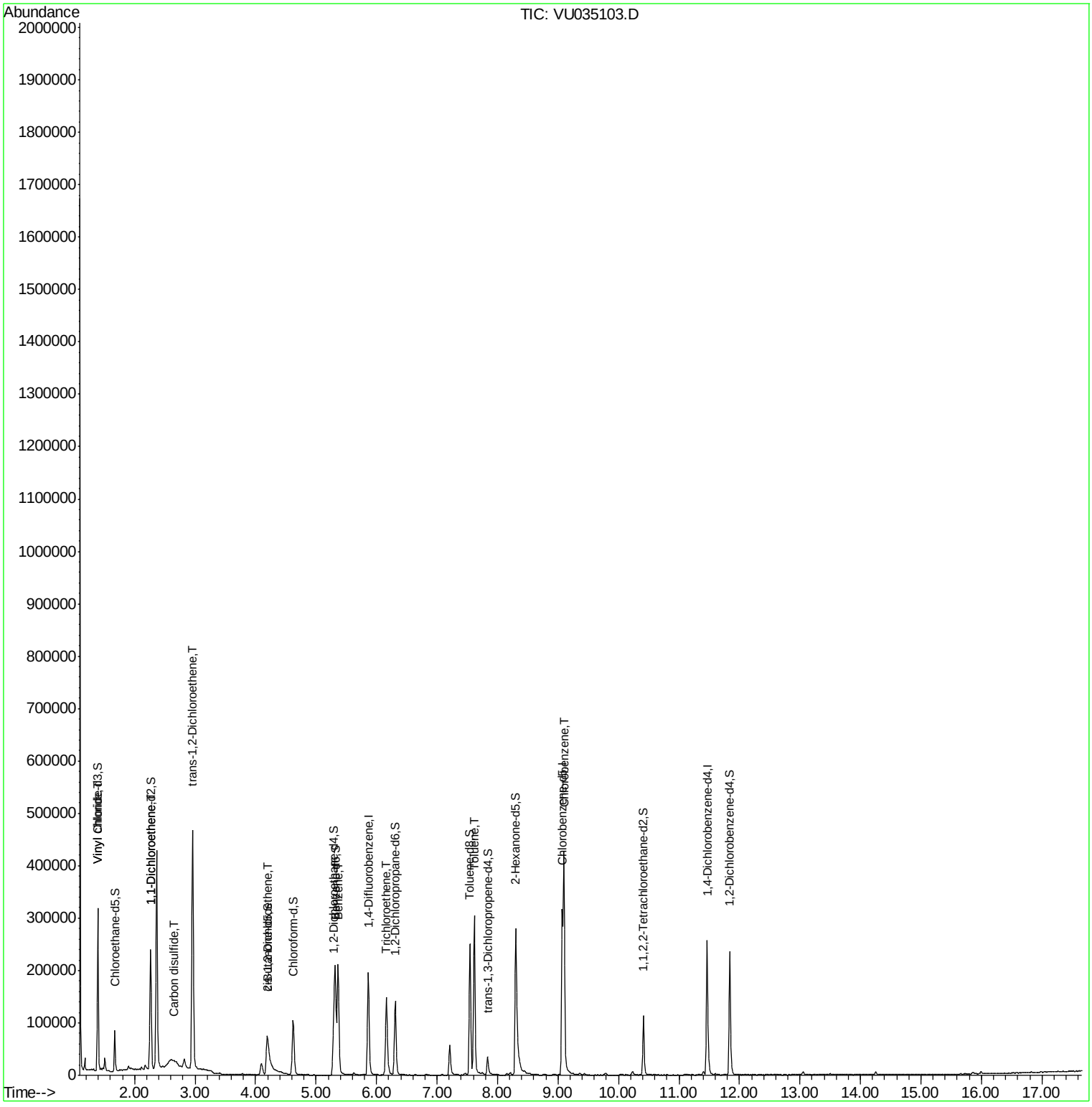
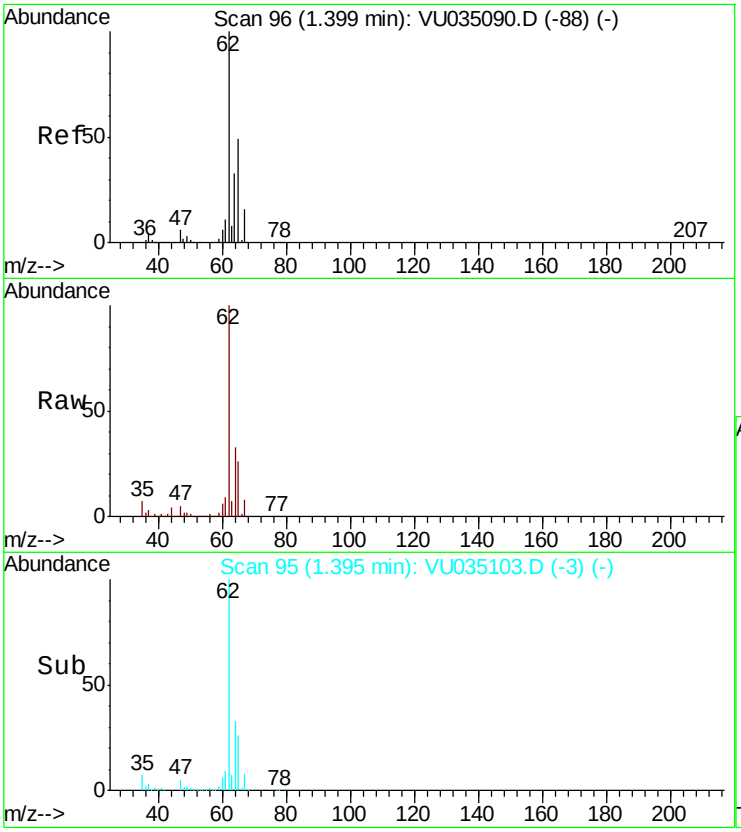
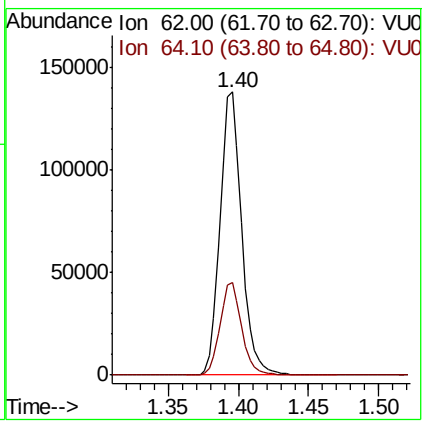




#5
Vinyl chloride
Concen: 9.369 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.00 min
Lab File: VU035103.D
Acq: 11 Oct 2019 20:46

Tgt Ion: 62 Resp: 147701

Ion	Ratio	Lower	Upper
62	100		
64	32.6	22.8	42.4



Instrument :
MSVOA_U
ClientSampleId :
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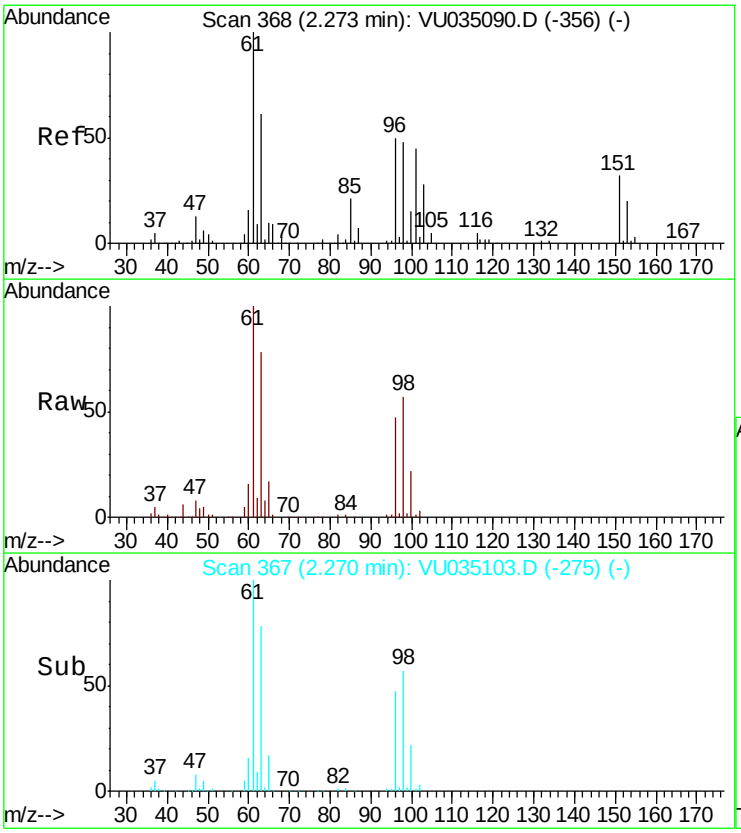
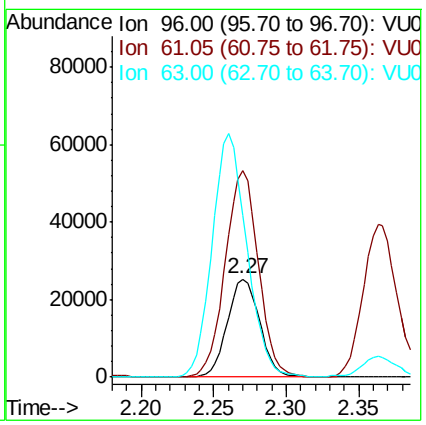
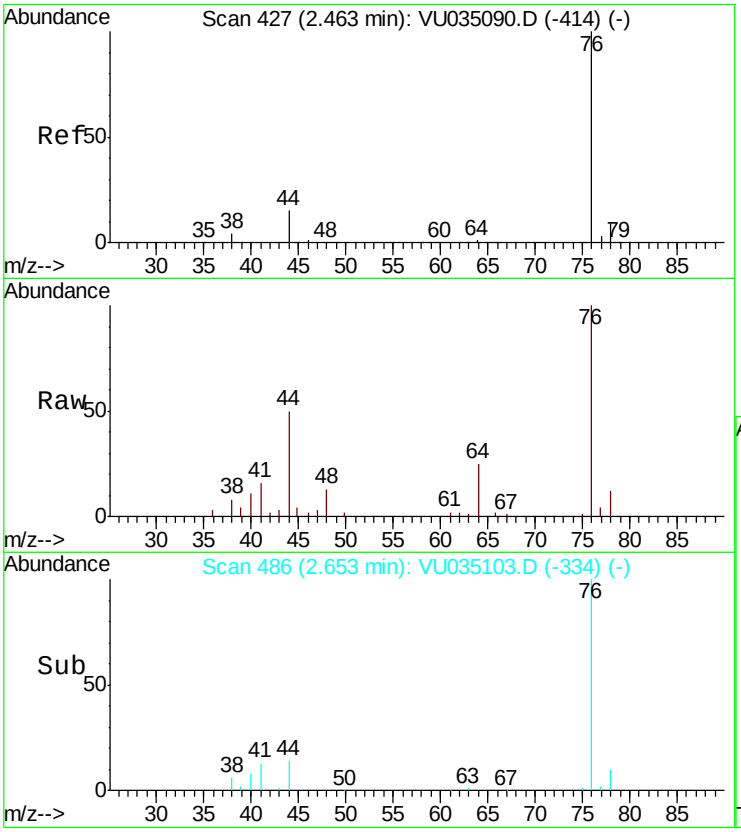


#12
1,1-Dichloroethene
Concen: 3.828 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.00 min
Lab File: VU035103.D
Acq: 11 Oct 2019 20:46

Tgt Ion: 96 Resp: 39364

Ion	Ratio	Lower	Upper
96	100		
61	210.5	129.3	240.1
63	164.7	108.9	202.3

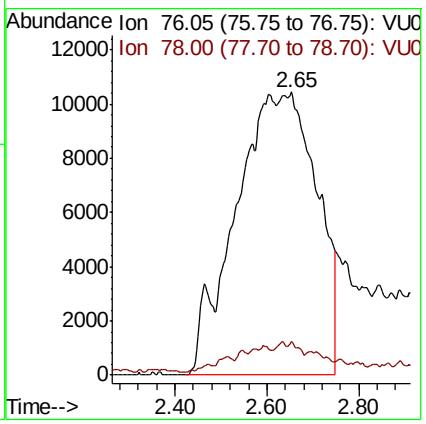




#14
Carbon disulfide
Concen: 3.738 ug/L m
RT: 2.65 min Scan# 486
Delta R.T. 0.19 min
Lab File: VU035103.D
Acq: 11 Oct 2019 20:46

Tgt Ion: 76 Resp: 127919

Ion	Ratio	Lower	Upper
76	100		
78	11.9	7.1	10.7#



Instrument :
MSVOA_U
ClientSampleId :
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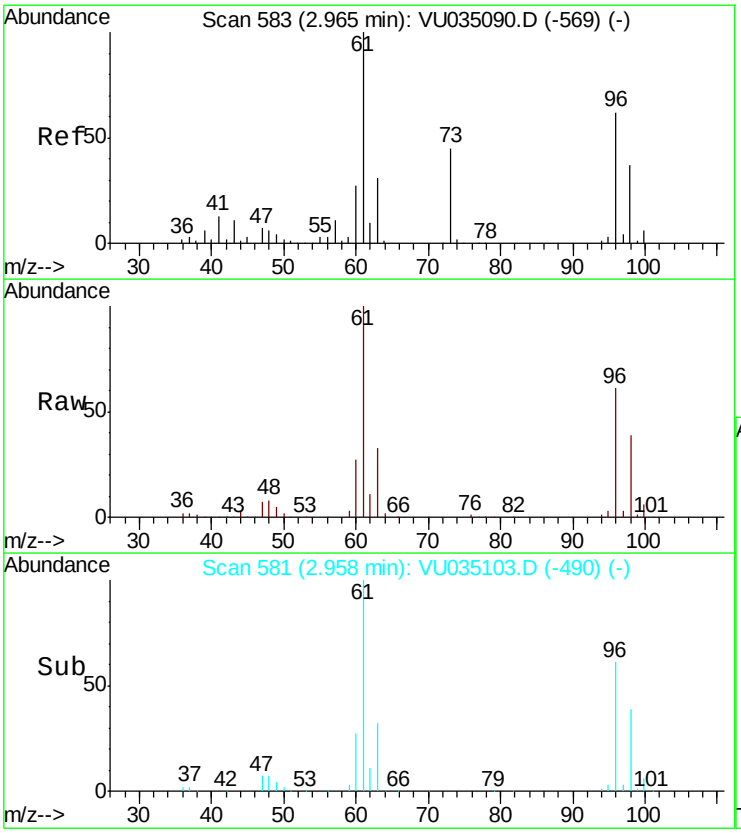
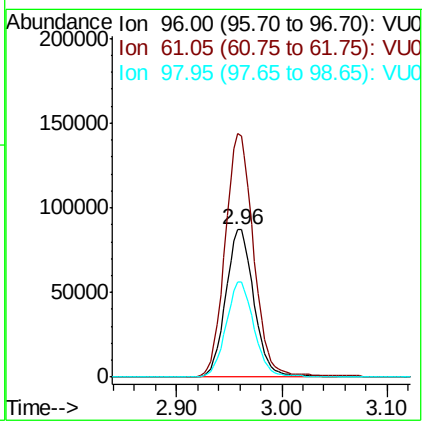
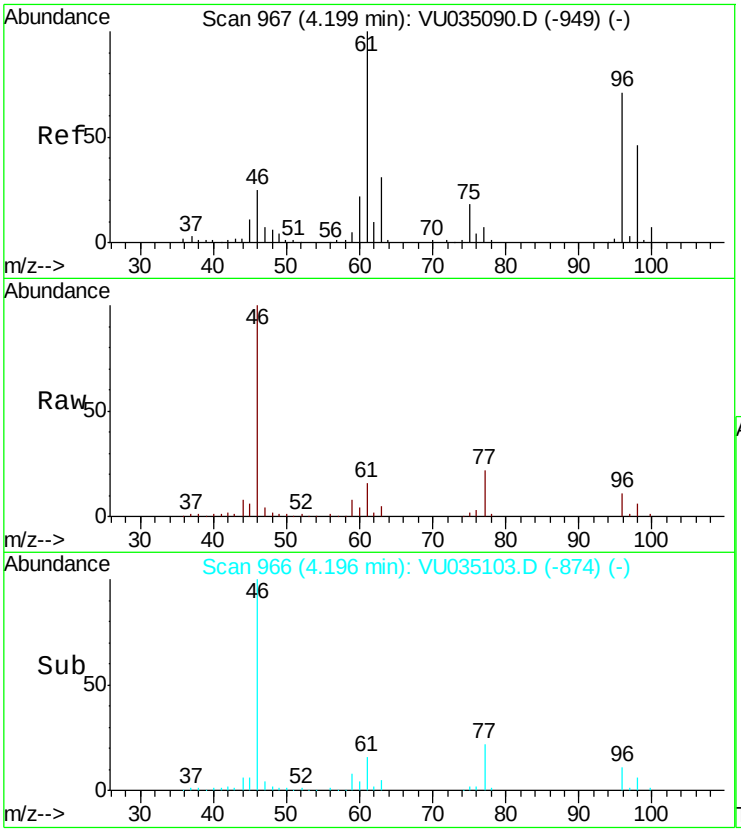


#18
trans-1,2-Dichloroethene
Concen: 14.628 ug/L
RT: 2.96 min Scan# 581
Delta R.T. -0.01 min
Lab File: VU035103.D
Acq: 11 Oct 2019 20:46

Tgt Ion: 96 Resp: 161075

Ion	Ratio	Lower	Upper
96	100		
61	165.0	107.1	198.9
98	64.1	45.4	84.4

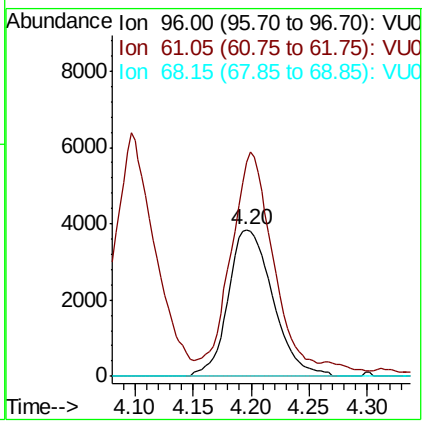




#22
cis-1,2-Dichloroethene
Concen: 0.839 ug/L
RT: 4.20 min Scan# 966
Delta R.T. -0.00 min
Lab File: VU035103.D
Acq: 11 Oct 2019 20:46

Tgt Ion: 96 Resp: 10308

Ion	Ratio	Lower	Upper
96	100		
61	146.3	89.2	165.6
68	0.0	0.0	0.0



Instrument :
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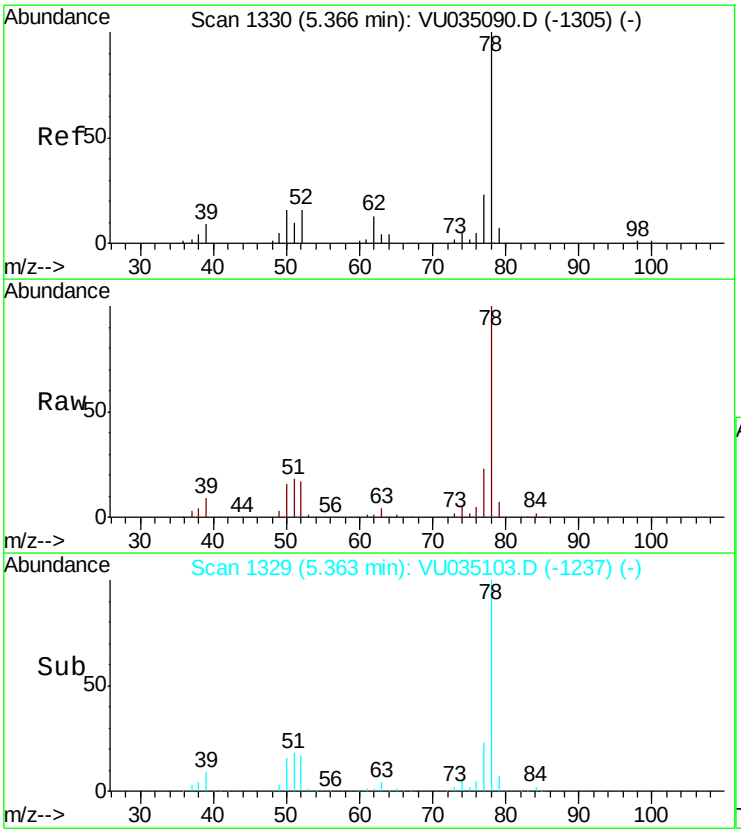
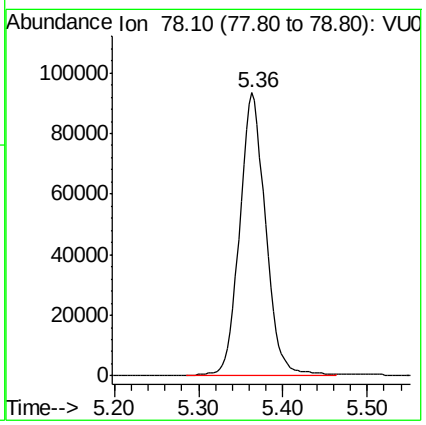
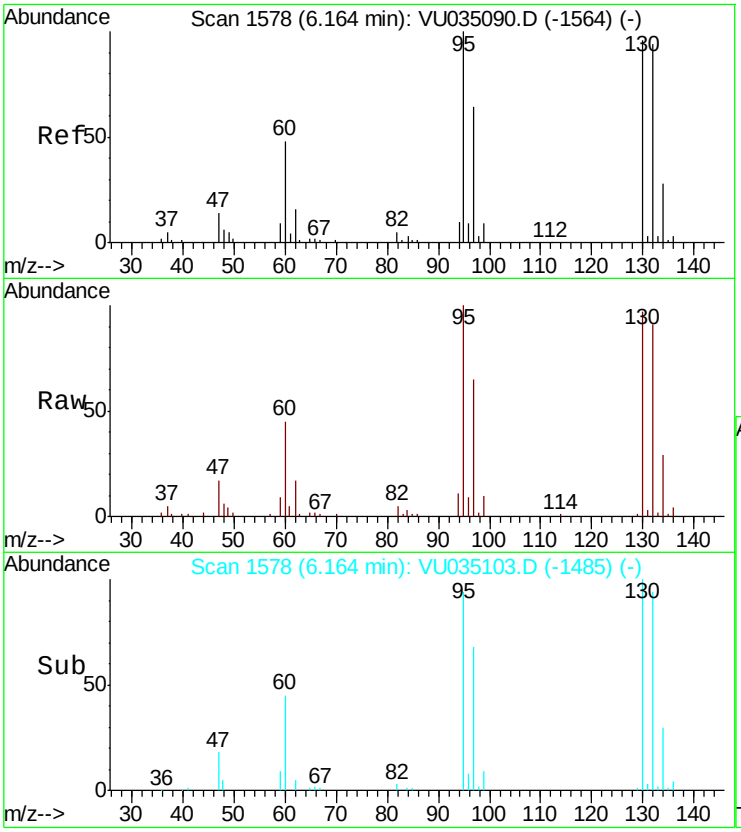


#33
Benzene
Concen: 4.022 ug/L
RT: 5.36 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VU035103.D
Acq: 11 Oct 2019 20:46

Tgt Ion: 78 Resp: 201566

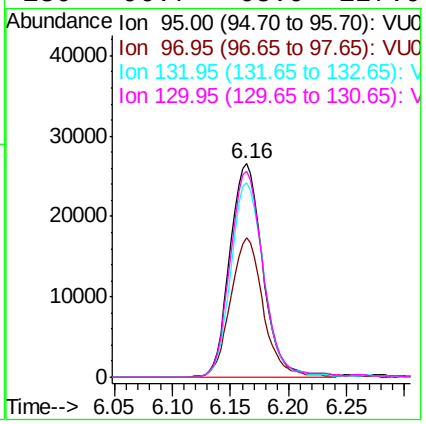




#34
Trichloroethene
Concen: 4.063 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU035103.D
Acq: 11 Oct 2019 20:46

Tgt Ion: 95 Resp: 52516

Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.5	82.7
132	91.3	66.6	123.8
130	96.7	68.9	127.9



Instrument :
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ClientSampleId :
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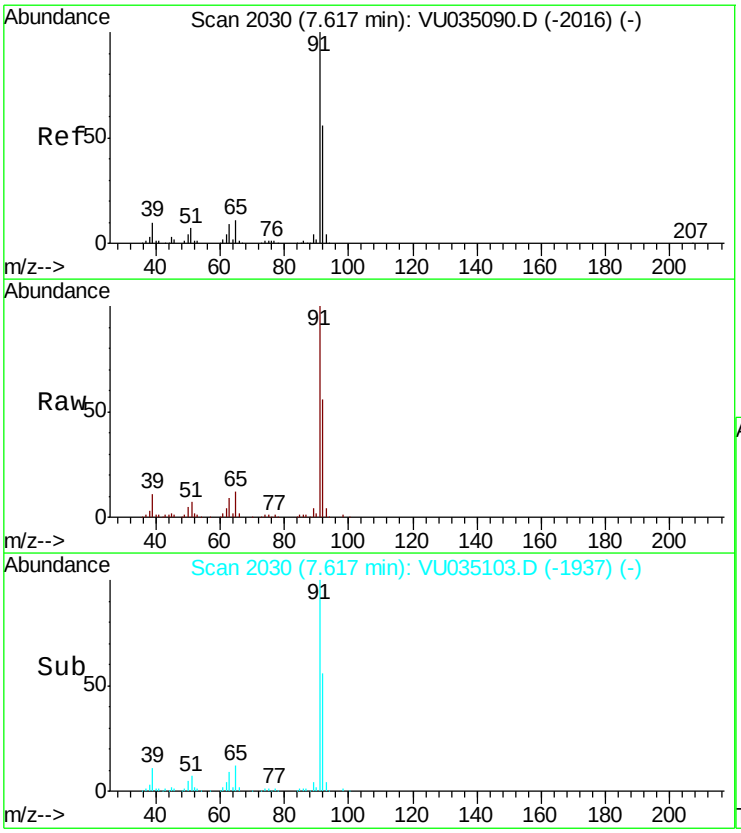
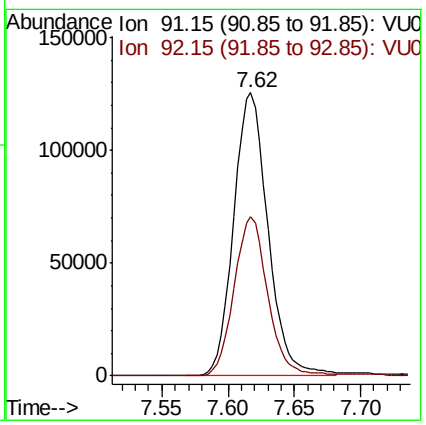
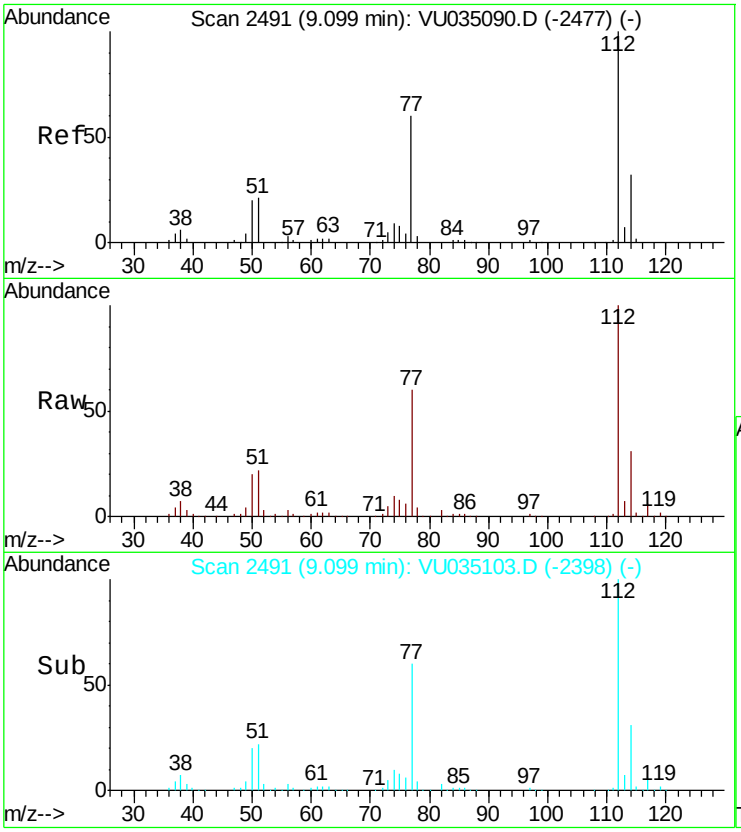


#42
Toluene
Concen: 4.327 ug/L
RT: 7.62 min Scan# 2030
Delta R.T. -0.00 min
Lab File: VU035103.D
Acq: 11 Oct 2019 20:46

Tgt Ion: 91 Resp: 226363

Ion	Ratio	Lower	Upper
91	100		
92	56.4	40.0	74.2

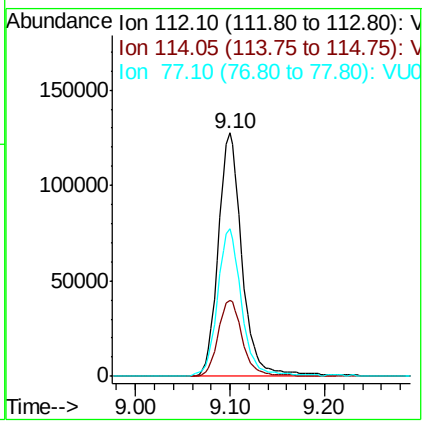




#51
Chlorobenzene
Concen: 6.576 ug/L
RT: 9.10 min Scan# 2491
Delta R.T. -0.00 min
Lab File: VU035103.D
Acq: 11 Oct 2019 20:46

Tgt Ion:112 Resp: 222928

Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.1	41.1
77	60.4	46.9	70.3



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