Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035384.D
Acq On : 22 Oct 2019 23:46
Operator : JC/SP
Sample : K5461-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G18

Quant Time: Oct 23 09:03:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:02:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	232512	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	238535	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	83571	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	108049	7.62	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 152.40%#			
7) Chloroethane-d5	1.93	69	98071	7.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 151.40%#			
11) 1,1-Dichloroethene-d2	2.60	63	144664	5.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 110.40%			
20) 2-Butanone-d5	4.71	46	251408	61.71	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.42%			
24) Chloroform-d	5.11	84	169037	6.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 130.60%#			
26) 1,2-Dichloroethane-d4	5.75	65	95873	6.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 133.60%#			
32) Benzene-d6	5.77	84	360489	6.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 132.20%#			
36) 1,2-Dichloropropane-d6	6.74	67	118425	6.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 136.80%			
41) Toluene-d8	7.93	98	314911	6.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 120.60%			
43) trans-1,3-Dichloropropene-	8.22	79	40324	4.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.00%			
46) 2-Hexanone-d5	8.69	63	185761	50.11	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.22%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	94593	6.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 122.60%#			
64) 1,2-Dichlorobenzene-d4	12.22	152	96586	6.35	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 127.00%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	13180	0.654	ug/L #	55
16) Methylene chloride	3.09	84	2481	0.138	ug/L	90
17) Methyl tert-butyl Ether	3.43	73	17755	0.442	ug/L #	90
18) trans-1,2-Dichloroethene	3.39	96	2561	0.159	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	33627	1.887	ug/L	96
25) Chloroform	5.14	83	14484	0.453	ug/L	96
33) Benzene	5.82	78	10756	0.153	ug/L	100
34) Trichloroethene	6.58	95	2479	0.131	ug/L	85

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

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Quant Title : TRACE VOA SOM01.0
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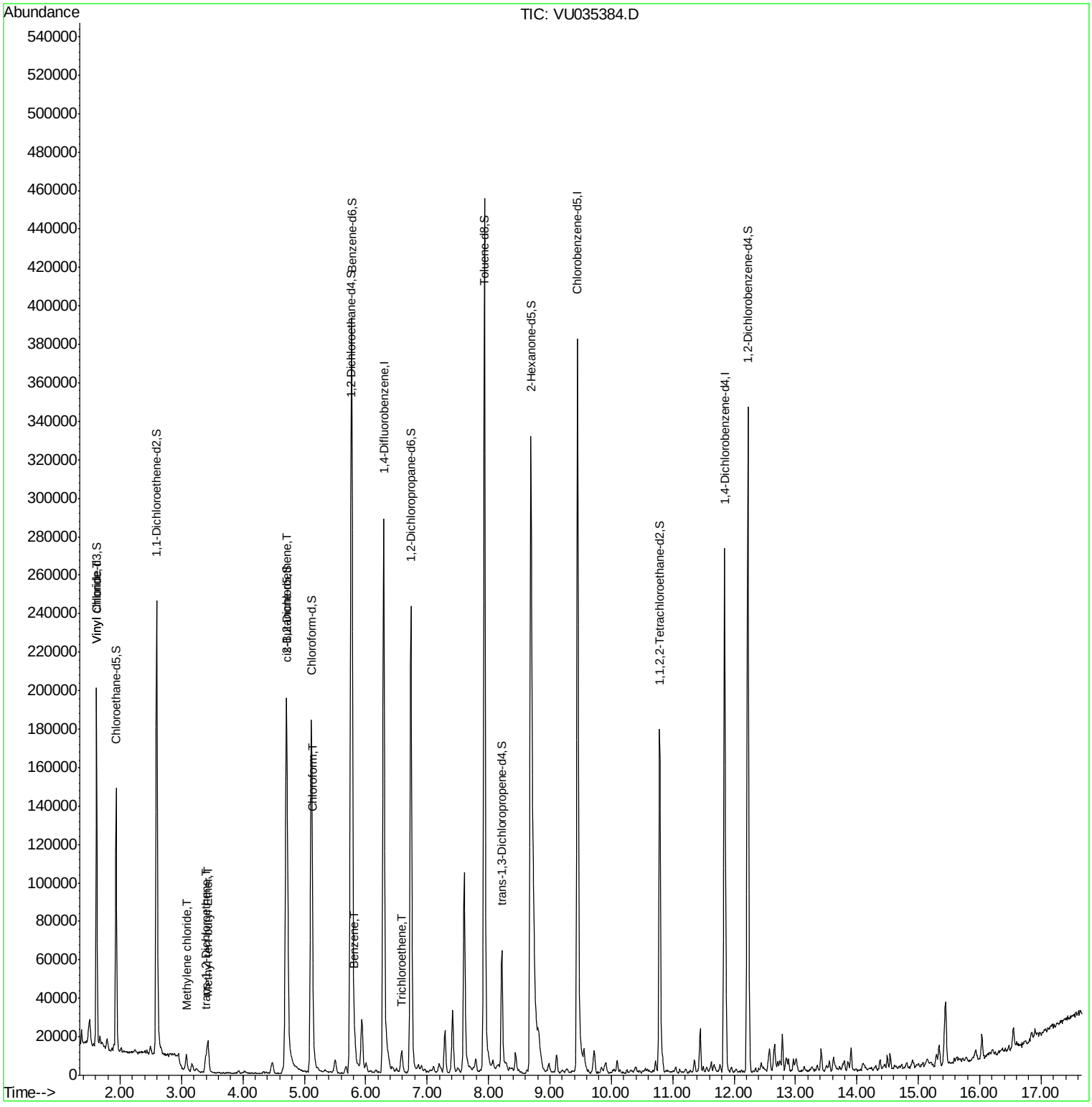
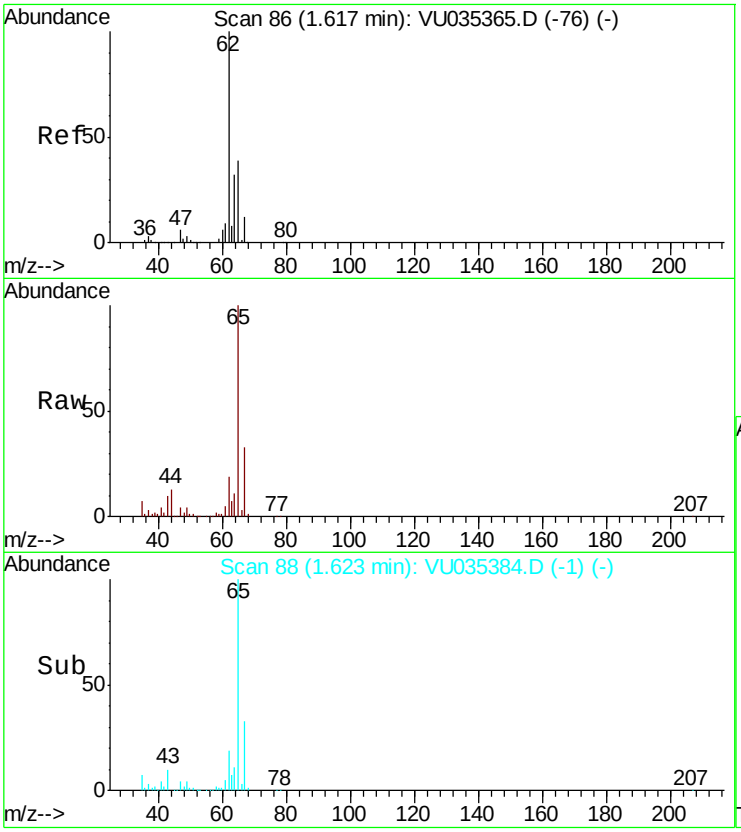


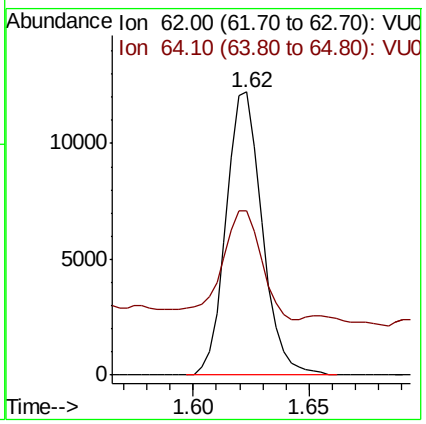


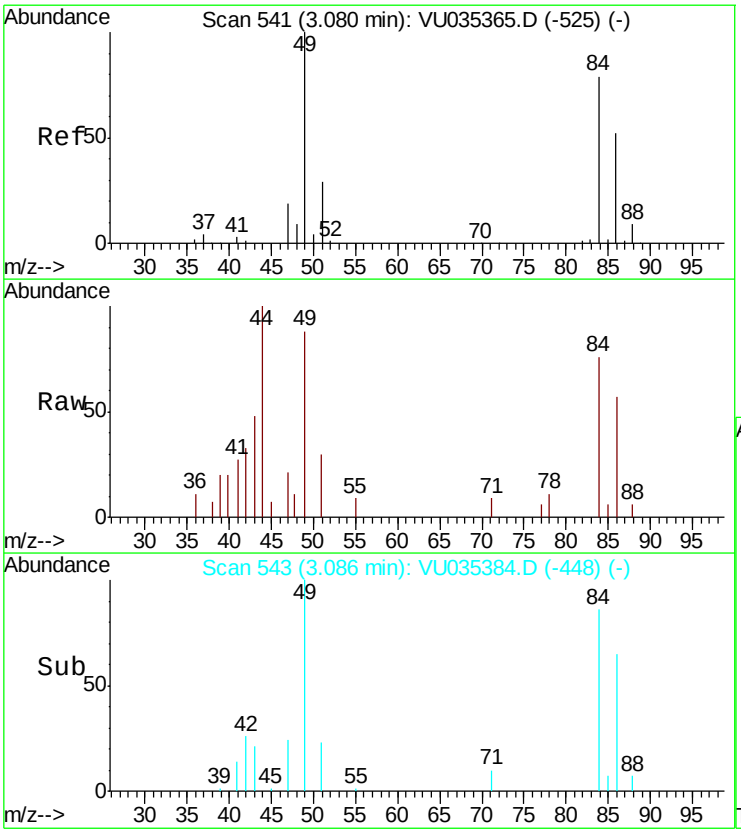
#5
Vinyl chloride
Concen: 0.654 ug/L
RT: 1.62 min Scan# 88
Delta R.T. 0.01 min
Lab File: VU035384.D
Acq: 22 Oct 2019 23:46

Instrument : MSVOA_U
ClientSampleId : H0G18

Tgt Ion: 62 Resp: 13180

Ion	Ratio	Lower	Upper
62	100		
64	57.9	22.9	42.5#

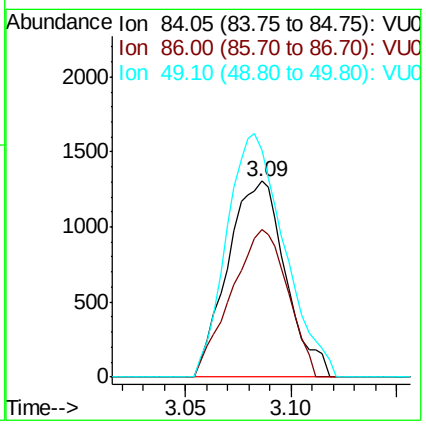


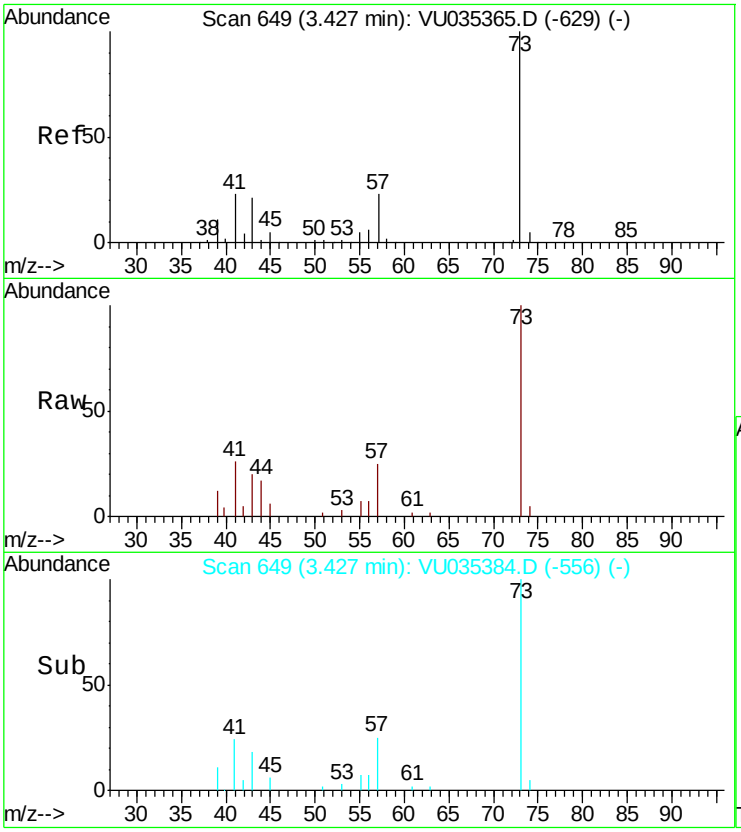


#16
Methylene chloride
Concen: 0.138 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.01 min
Lab File: VU035384.D
Acq: 22 Oct 2019 23:46

Tgt Ion: 84 Resp: 2481

Ion	Ratio	Lower	Upper
84	100		
86	75.7	45.4	84.2
49	115.7	86.8	161.2



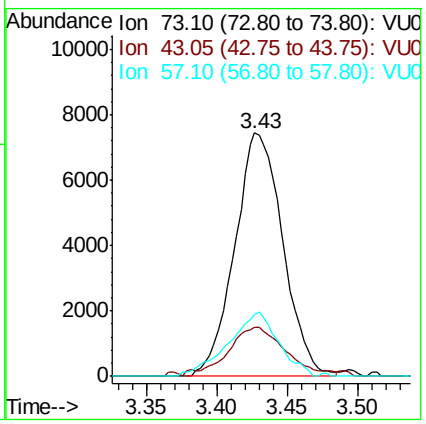


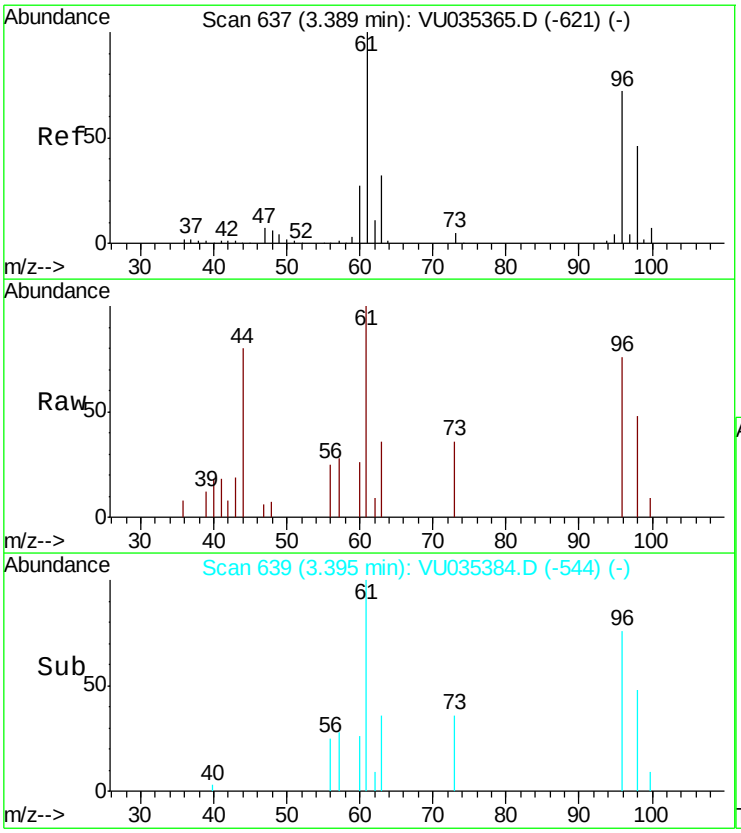
#17
Methyl tert-butyl Ether
Concen: 0.442 ug/L
RT: 3.43 min Scan# 649
Delta R.T. -0.00 min
Lab File: VU035384.D
Acq: 22 Oct 2019 23:46

Instrument : MSVOA_U
ClientSampleId : H0G18

Tgt Ion: 73 Resp: 17755

Ion	Ratio	Lower	Upper
73	100		
43	23.7	16.0	24.0
57	27.5	17.4	26.2#

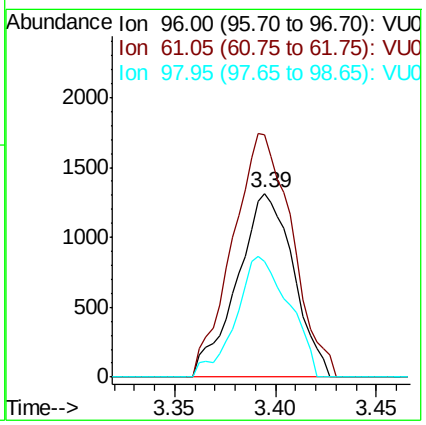


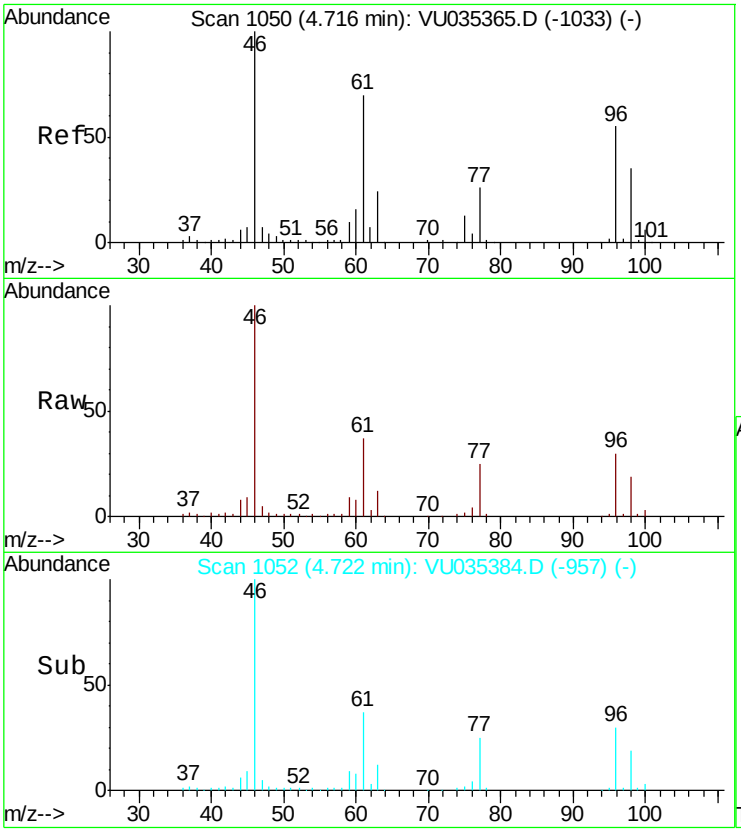


#18
trans-1,2-Dichloroethene
Concen: 0.159 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.01 min
Lab File: VU035384.D
Acq: 22 Oct 2019 23:46

Tgt Ion: 96 Resp: 2561

Ion	Ratio	Lower	Upper
96	100		
61	131.9	93.0	172.6
98	62.9	43.7	81.1



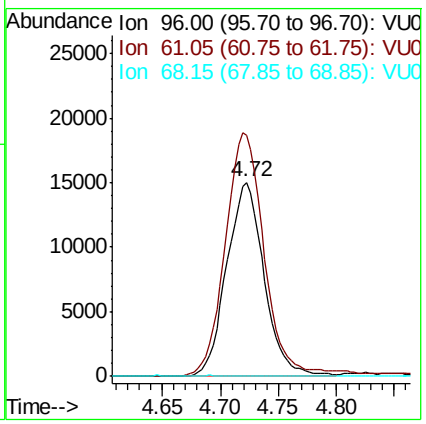


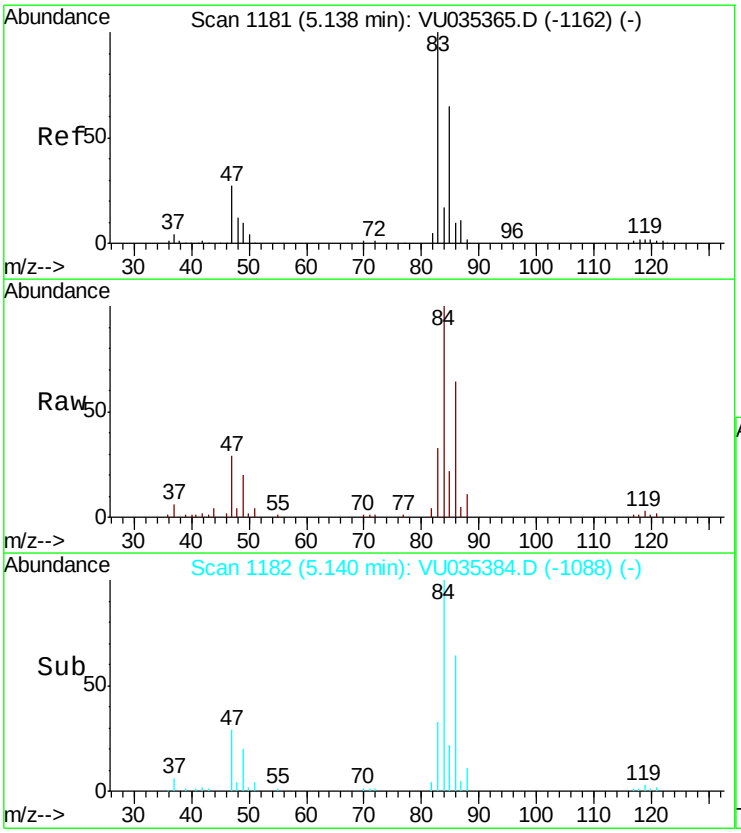
#22
cis-1,2-Dichloroethene
Concen: 1.887 ug/L
RT: 4.72 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VU035384.D
Acq: 22 Oct 2019 23:46

Instrument : MSVOA_U
ClientSampleId : H0G18

Tgt Ion: 96 Resp: 33627

Ion	Ratio	Lower	Upper
96	100		
61	123.9	89.7	166.5
68	0.0	0.0	0.0

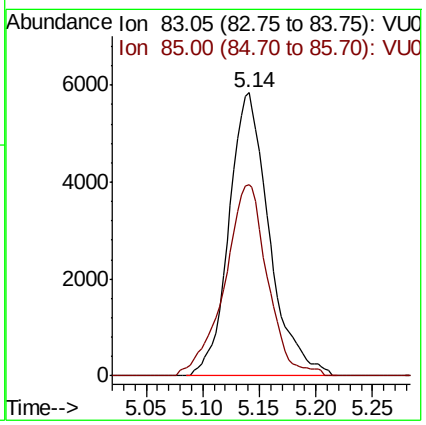


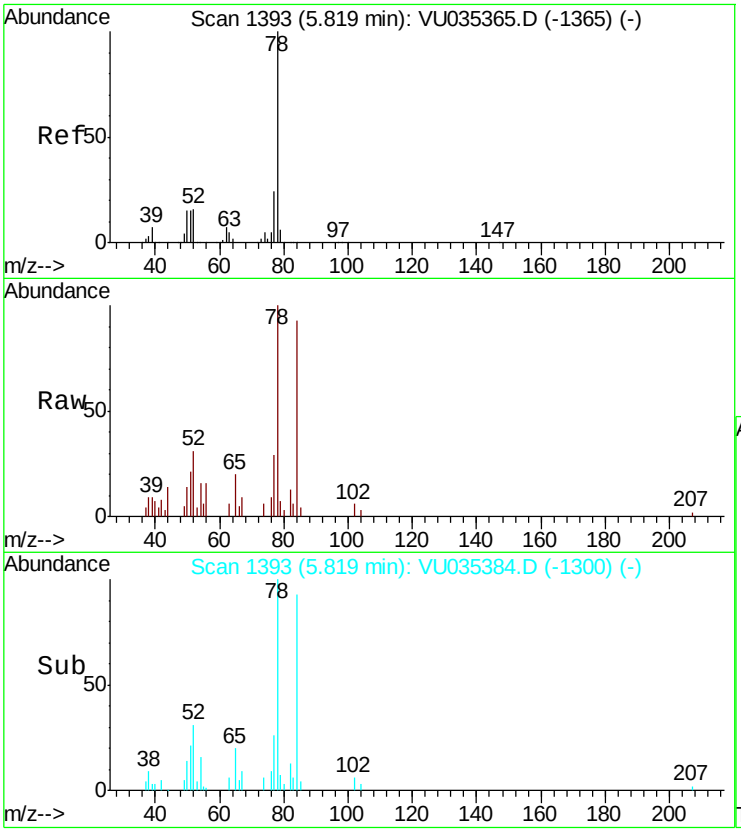


#25
Chloroform
Concen: 0.453 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035384.D
Acq: 22 Oct 2019 23:46

Tgt Ion: 83 Resp: 14484

Ion	Ratio	Lower	Upper
83	100		
85	67.6	45.1	83.9

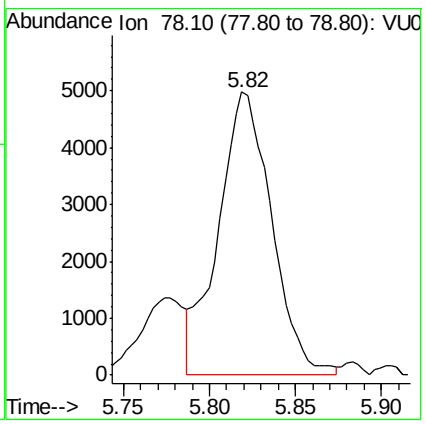


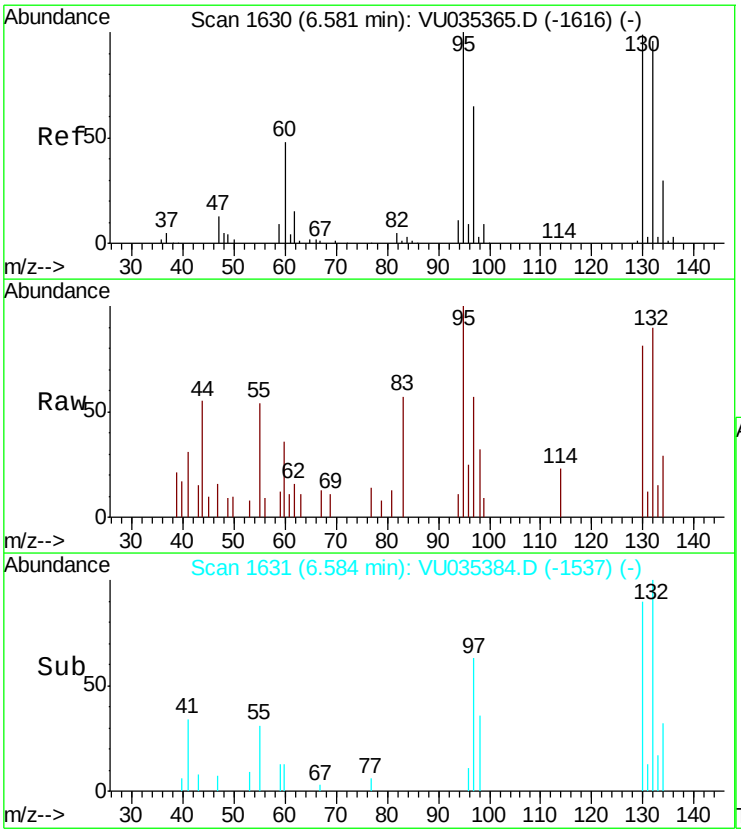


#33
Benzene
Concen: 0.153 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VU035384.D
Acq: 22 Oct 2019 23:46

Instrument :
MSVOA_U
ClientSampleId :
H0G18

Tgt Ion: 78 Resp: 10756





#34
Trichloroethene
Concen: 0.131 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035384.D
Acq: 22 Oct 2019 23:46

Tgt Ion: 95 Resp: 2479

Ion	Ratio	Lower	Upper
95	100		
97	56.6	46.6	86.6
132	90.2	68.7	127.7
130	81.4	73.9	137.3