Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035385.D
Acq On : 23 Oct 2019 00:11
Operator : JC/SP
Sample : K5461-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G19

Quant Time: Oct 23 08:58:49 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	255443	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	255047	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	84484	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	113003	7.25	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 145.00%#			
7) Chloroethane-d5	1.93	69	98757	6.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 138.80%#			
11) 1,1-Dichloroethene-d2	2.60	63	151946	5.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.60%			
20) 2-Butanone-d5	4.71	46	211130	47.17	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.34%			
24) Chloroform-d	5.11	84	159606	5.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.20%			
26) 1,2-Dichloroethane-d4	5.75	65	97729	6.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 124.00%			
32) Benzene-d6	5.77	84	356587	6.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 122.20%			
36) 1,2-Dichloropropane-d6	6.74	67	114778	6.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 124.00%			
41) Toluene-d8	7.93	98	308876	5.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.80%			
43) trans-1,3-Dichloropropene-	8.22	79	39688	4.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.40%			
46) 2-Hexanone-d5	8.69	63	157034	39.62	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.24%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	91679	5.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.00%			
64) 1,2-Dichlorobenzene-d4	12.22	152	92557	6.02	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 120.40%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	157365	7.105	ug/L	96
16) Methylene chloride	3.08	84	2548	0.129	ug/L	87
17) Methyl tert-butyl Ether	3.43	73	925809	20.961	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	64228	3.627	ug/L	97
19) 1,1-Dichloroethane	3.92	63	52113	1.627	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	1629953	83.266	ug/L	97
25) Chloroform	5.14	83	19730	0.561	ug/L	99
33) Benzene	5.82	78	27525	0.367	ug/L	100
34) Trichloroethene	6.58	95	3028825	150.127	ug/L	97
47) Tetrachloroethene	8.58	164	72976	4.342	ug/L	99

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

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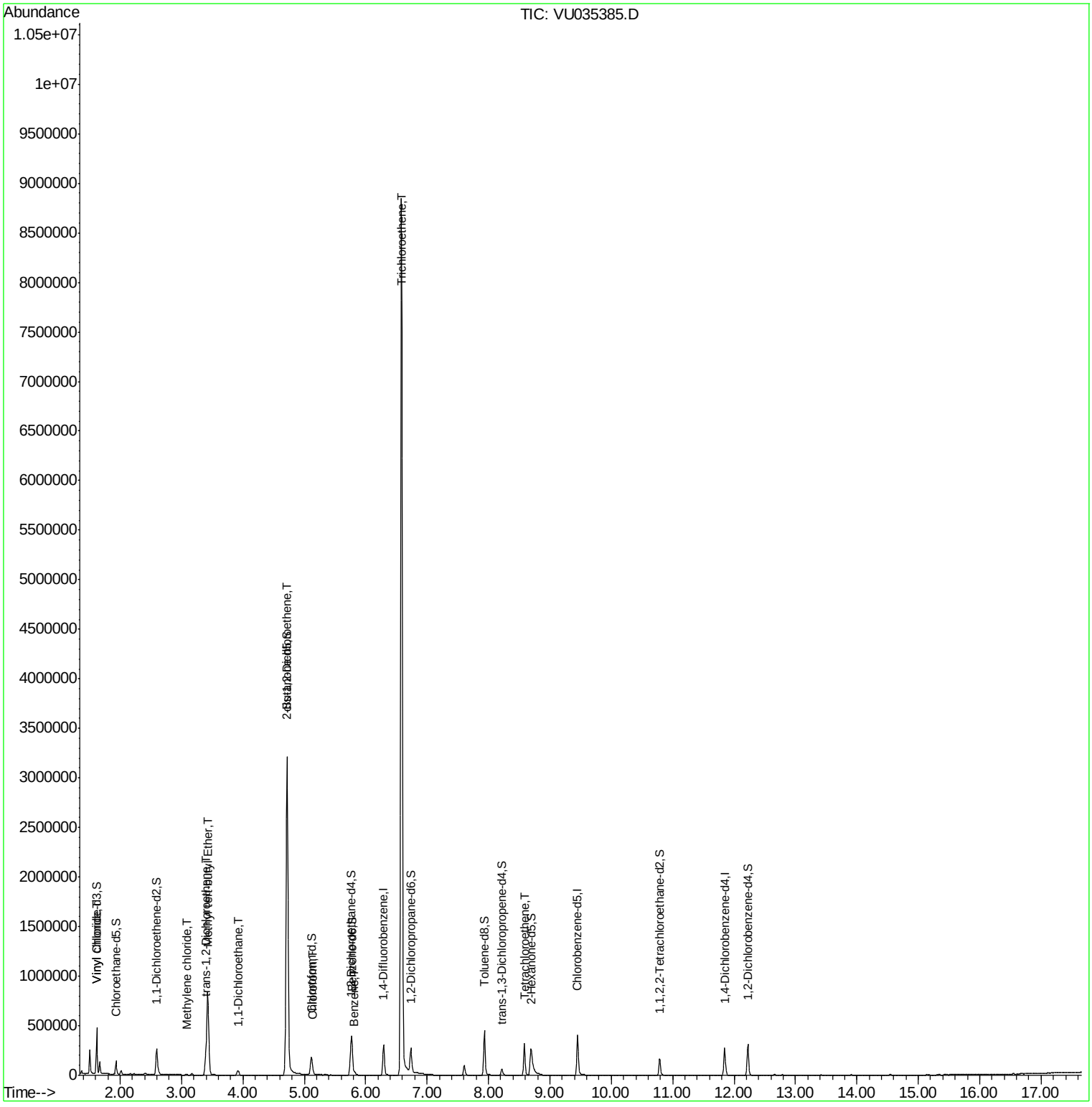
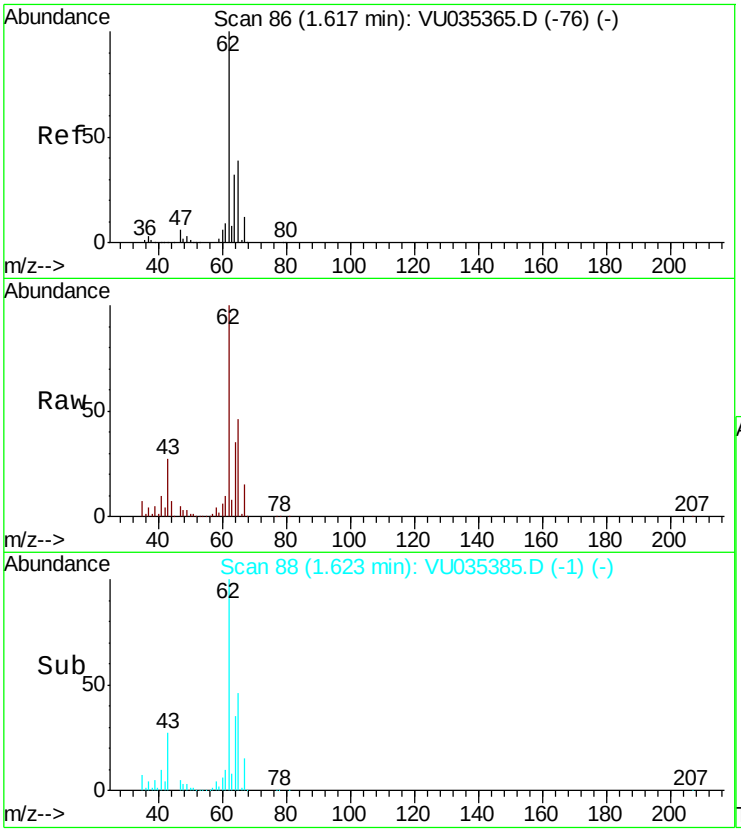


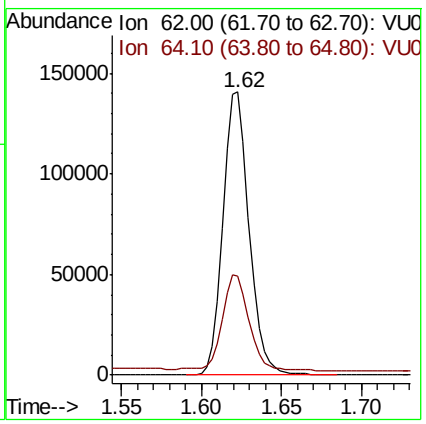


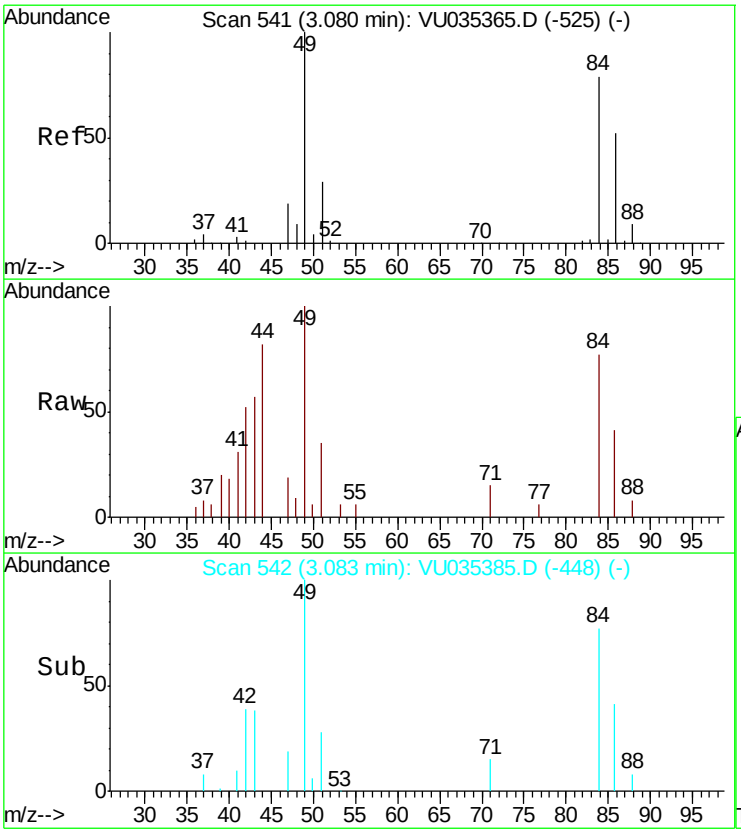
#5
Vinyl chloride
Concen: 7.105 ug/L
RT: 1.62 min Scan# 88
Delta R.T. 0.01 min
Lab File: VU035385.D
Acq: 23 Oct 2019 00:11

Instrument :
MSVOA_U
ClientSampleId :
H0G19

Tgt Ion: 62 Resp: 157365

Ion	Ratio	Lower	Upper
62	100		
64	35.0	22.9	42.5

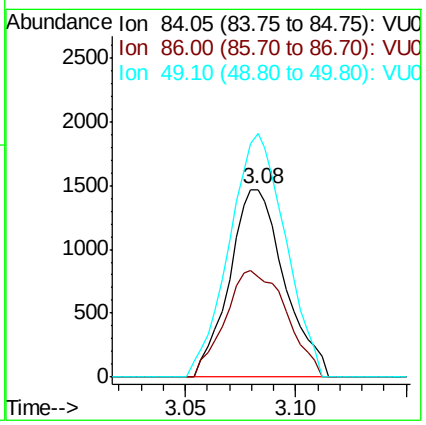


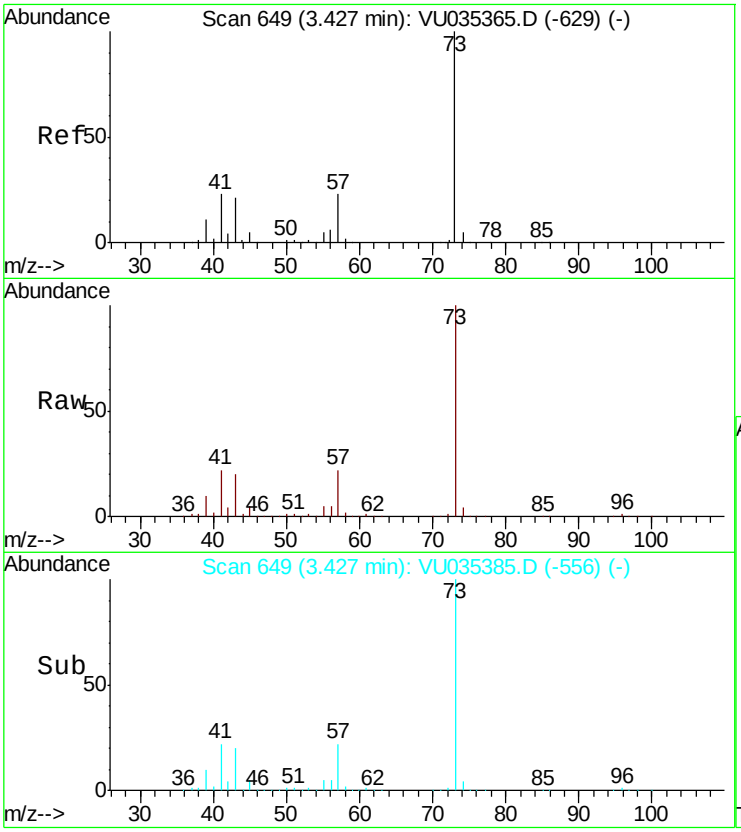


#16
Methylene chloride
Concen: 0.129 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035385.D
Acq: 23 Oct 2019 00:11

Tgt Ion: 84 Resp: 2548

Ion	Ratio	Lower	Upper
84	100		
86	53.2	45.4	84.2
49	137.7	86.8	161.2



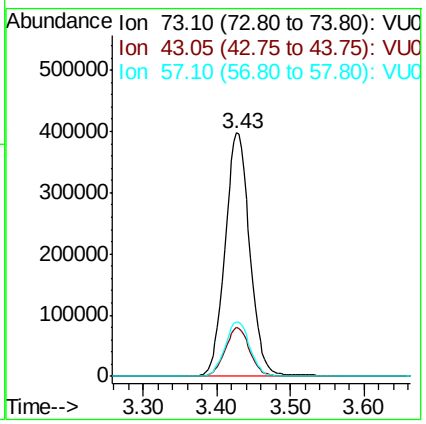


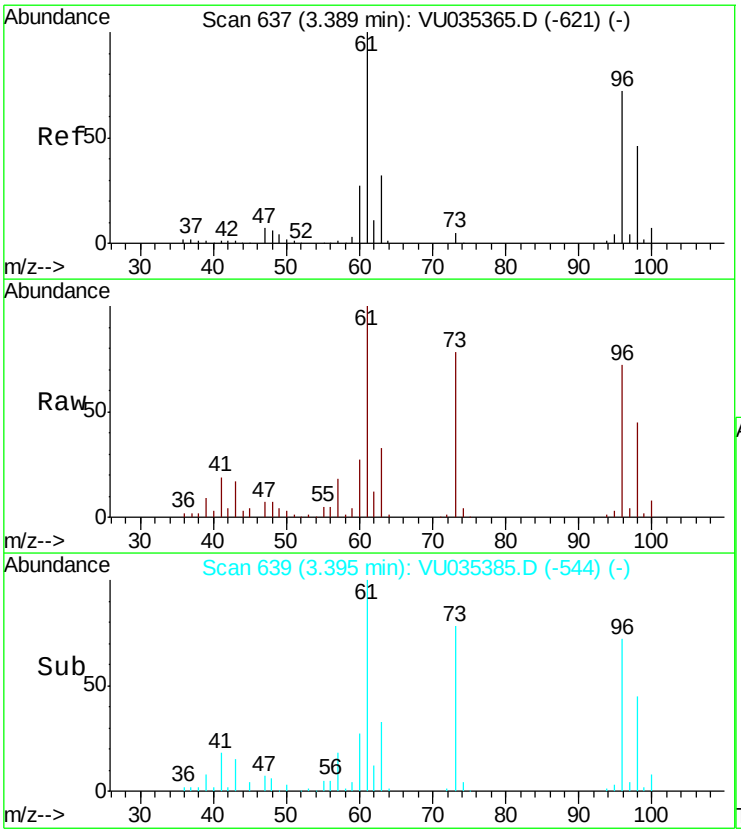
#17
Methyl tert-butyl Ether
Concen: 20.961 ug/L
RT: 3.43 min Scan# 649
Delta R.T. -0.00 min
Lab File: VU035385.D
Acq: 23 Oct 2019 00:11

Instrument : MSVOA_U
ClientSampleId : H0G19

Tgt Ion: 73 Resp: 925809

Ion	Ratio	Lower	Upper
73	100		
43	20.1	16.0	24.0
57	22.6	17.4	26.2

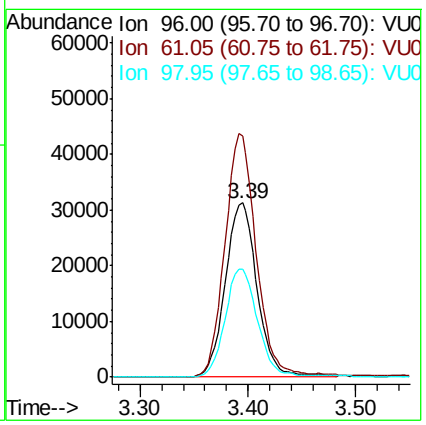


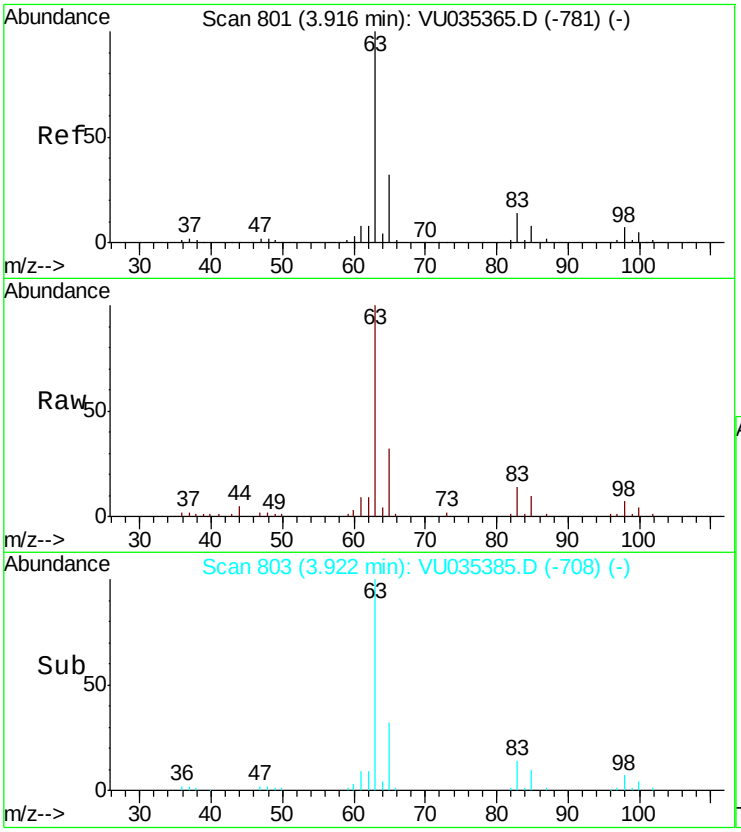


#18
trans-1,2-Dichloroethene
Concen: 3.627 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.01 min
Lab File: VU035385.D
Acq: 23 Oct 2019 00:11

Tgt Ion: 96 Resp: 64228

Ion	Ratio	Lower	Upper
96	100		
61	138.4	93.0	172.6
98	62.2	43.7	81.1



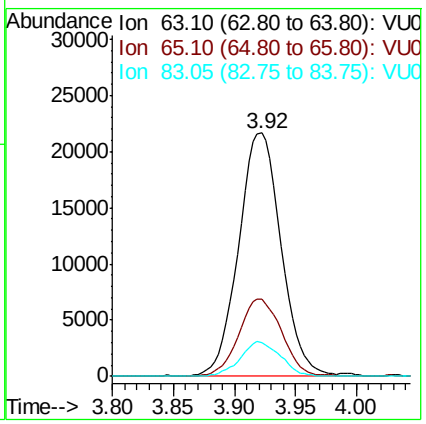


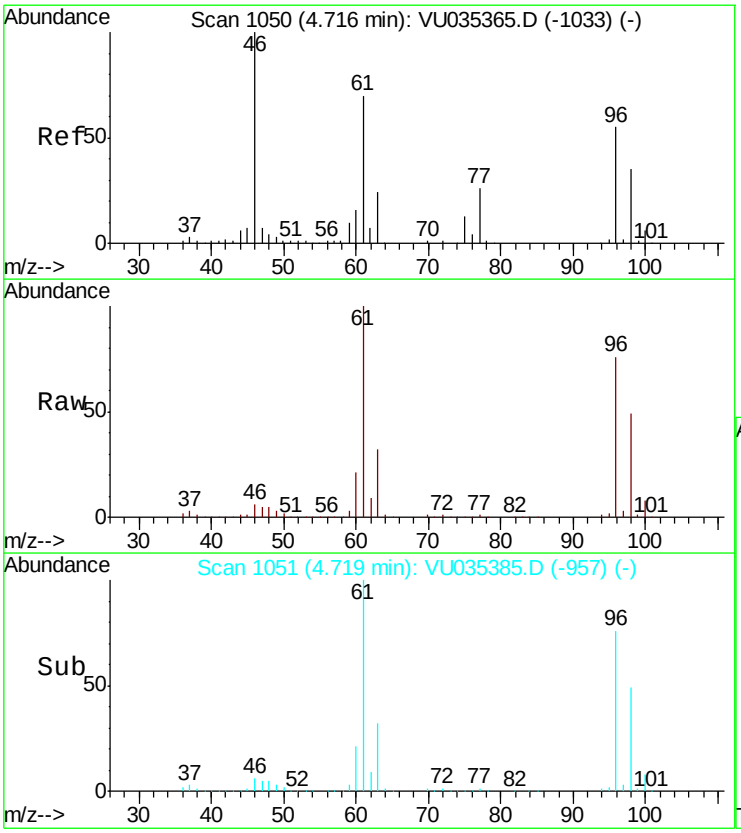
#19
1,1-Dichloroethane
Concen: 1.627 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.01 min
Lab File: VU035385.D
Acq: 23 Oct 2019 00:11

Instrument : MSVOA_U
ClientSampleId : H0G19

Tgt Ion: 63 Resp: 52113

Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.4	41.6
83	13.9	9.3	17.3

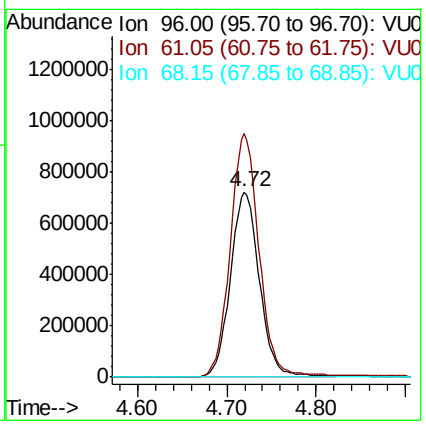


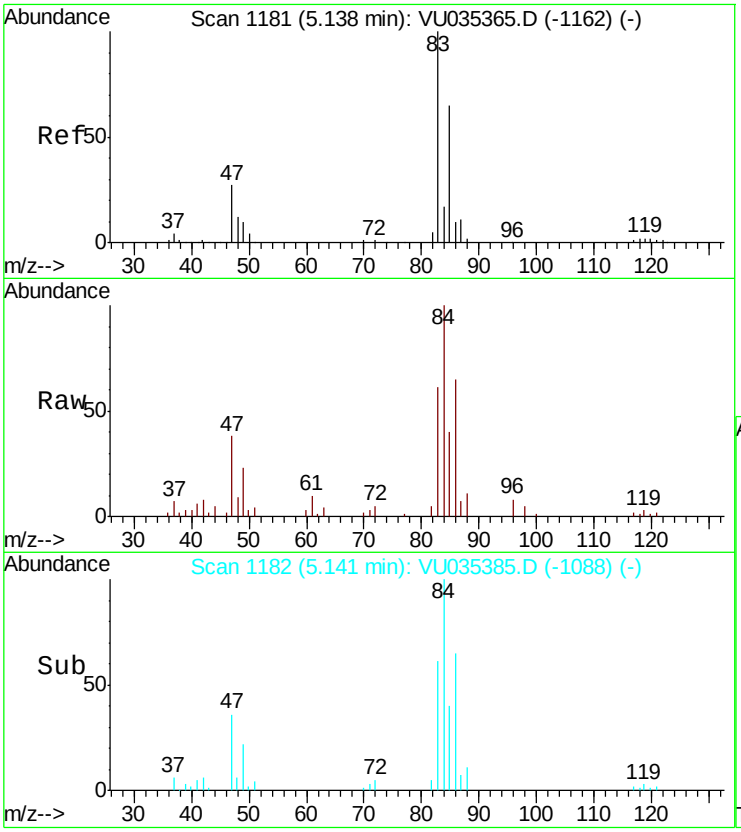


#22
cis-1,2-Dichloroethene
Concen: 83.266 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035385.D
Acq: 23 Oct 2019 00:11

Tgt Ion: 96 Resp: 1629953

Ion	Ratio	Lower	Upper
96	100		
61	131.4	89.7	166.5
68	0.0	0.0	0.0



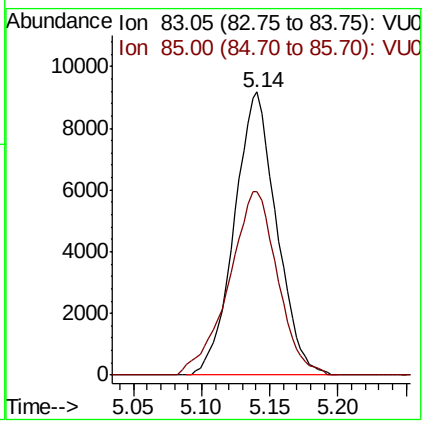


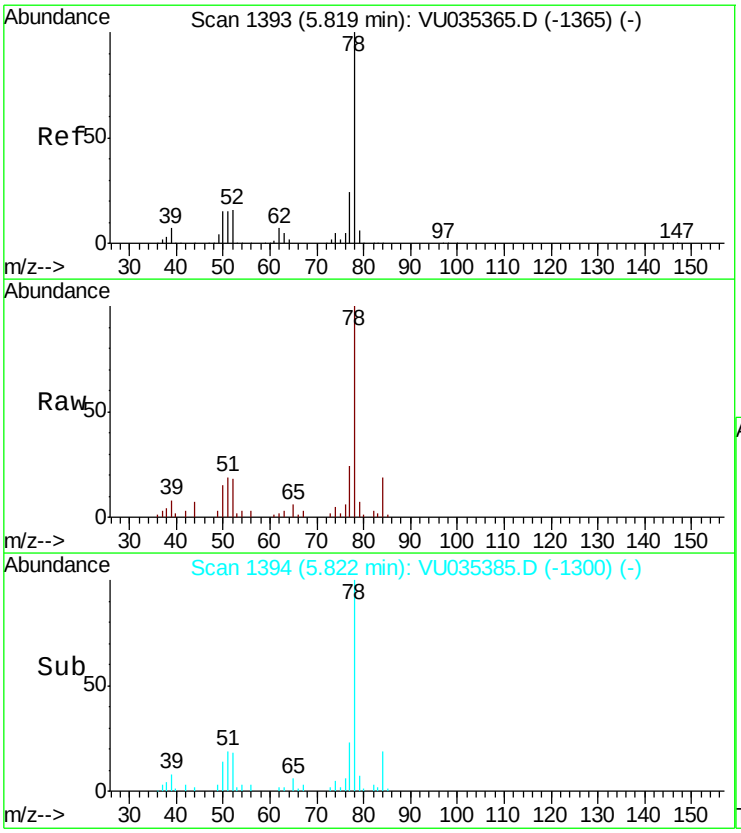
#25
Chloroform
Concen: 0.561 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035385.D
Acq: 23 Oct 2019 00:11

Instrument : MSVOA_U
ClientSampleId : H0G19

Tgt Ion: 83 Resp: 19730

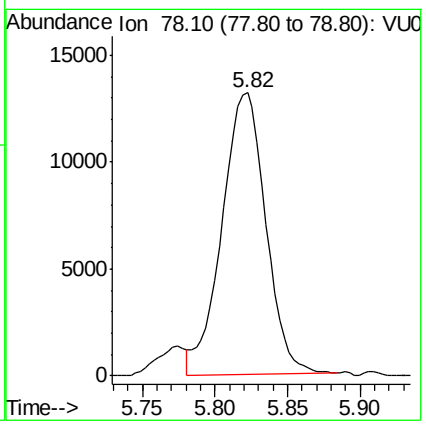
Ion	Ratio	Lower	Upper
83	100		
85	65.0	45.1	83.9

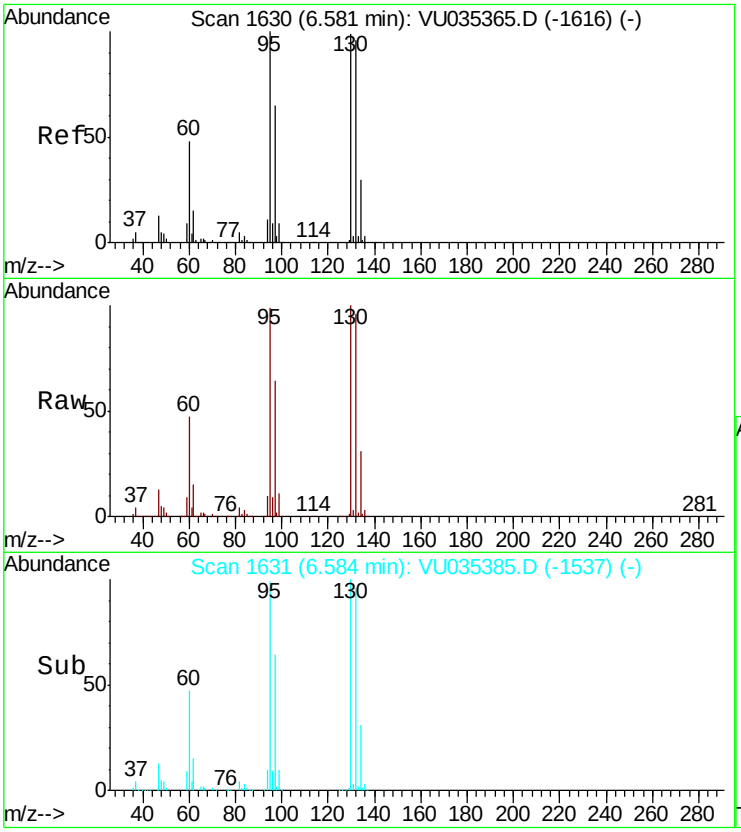




#33
Benzene
Concen: 0.367 ug/L
RT: 5.82 min Scan# 1394
Delta R.T. 0.00 min
Lab File: VU035385.D
Acq: 23 Oct 2019 00:11

Tgt Ion: 78 Resp: 27525



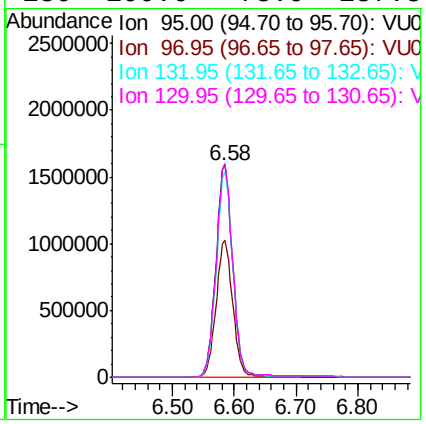


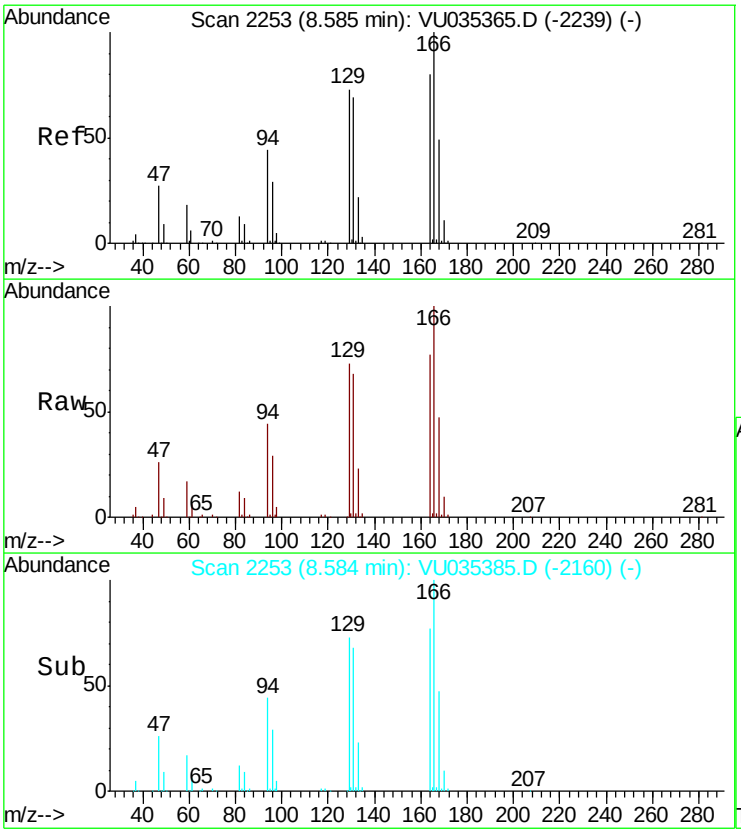
#34
Trichloroethene
Concen: 150.127 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035385.D
Acq: 23 Oct 2019 00:11

Instrument : MSVOA_U
ClientSampleId : H0G19

Tgt Ion: 95 Resp: 3028825

Ion	Ratio	Lower	Upper
95	100		
97	64.5	46.6	86.6
132	96.8	68.7	127.7
130	100.6	73.9	137.3





#47
Tetrachloroethene
Concen: 4.342 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035385.D
Acq: 23 Oct 2019 00:11

Tgt Ion:164 Resp: 72976

Ion	Ratio	Lower	Upper
164	100		
129	94.4	65.2	121.0
131	88.0	62.9	116.9
166	129.3	91.5	169.9