Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102319\
Data File : VU035444.D
Acq On : 24 Oct 2019 08:01
Operator : JC/SP
Sample : K5509-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G47

Quant Time: Oct 24 08:48:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:45:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	203085	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	212044	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	77148	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	52234	4.22	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.40%			
7) Chloroethane-d5	1.93	69	53796	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.00%			
11) 1,1-Dichloroethene-d2	2.59	63	73193	3.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.00%			
20) 2-Butanone-d5	4.73	46	230072	64.65	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 129.30%			
24) Chloroform-d	5.11	84	118227	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.60%			
26) 1,2-Dichloroethane-d4	5.75	65	72728	5.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.00%			
32) Benzene-d6	5.77	84	221599	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
36) 1,2-Dichloropropane-d6	6.74	67	83128	5.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.00%			
41) Toluene-d8	7.93	98	176930	3.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.20%			
43) trans-1,3-Dichloropropene-	8.22	79	28169	3.77	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.40%			
46) 2-Hexanone-d5	8.69	63	146819	44.55	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.10%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	79508	5.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 115.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	67911	4.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	80816	4.590	ug/L	99
13) Acetone	2.71	43	924123	373.331	ug/L	99
17) Methyl tert-butyl Ether	3.43	73	1181299	33.640	ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	42709	3.033	ug/L	91
19) 1,1-Dichloroethane	3.92	63	12259	0.481	ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	295831	19.009	ug/L	98
33) Benzene	5.82	78	10526	0.169	ug/L	100
34) Trichloroethene	6.58	95	105887	6.313	ug/L	94
47) Tetrachloroethene	8.58	164	6710	0.480	ug/L	95

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

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Instrument :
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ClientSampleId :
H0G47

Quant Time: Oct 24 08:48:19 2019
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Quant Title : TRACE VOA SOM01.0
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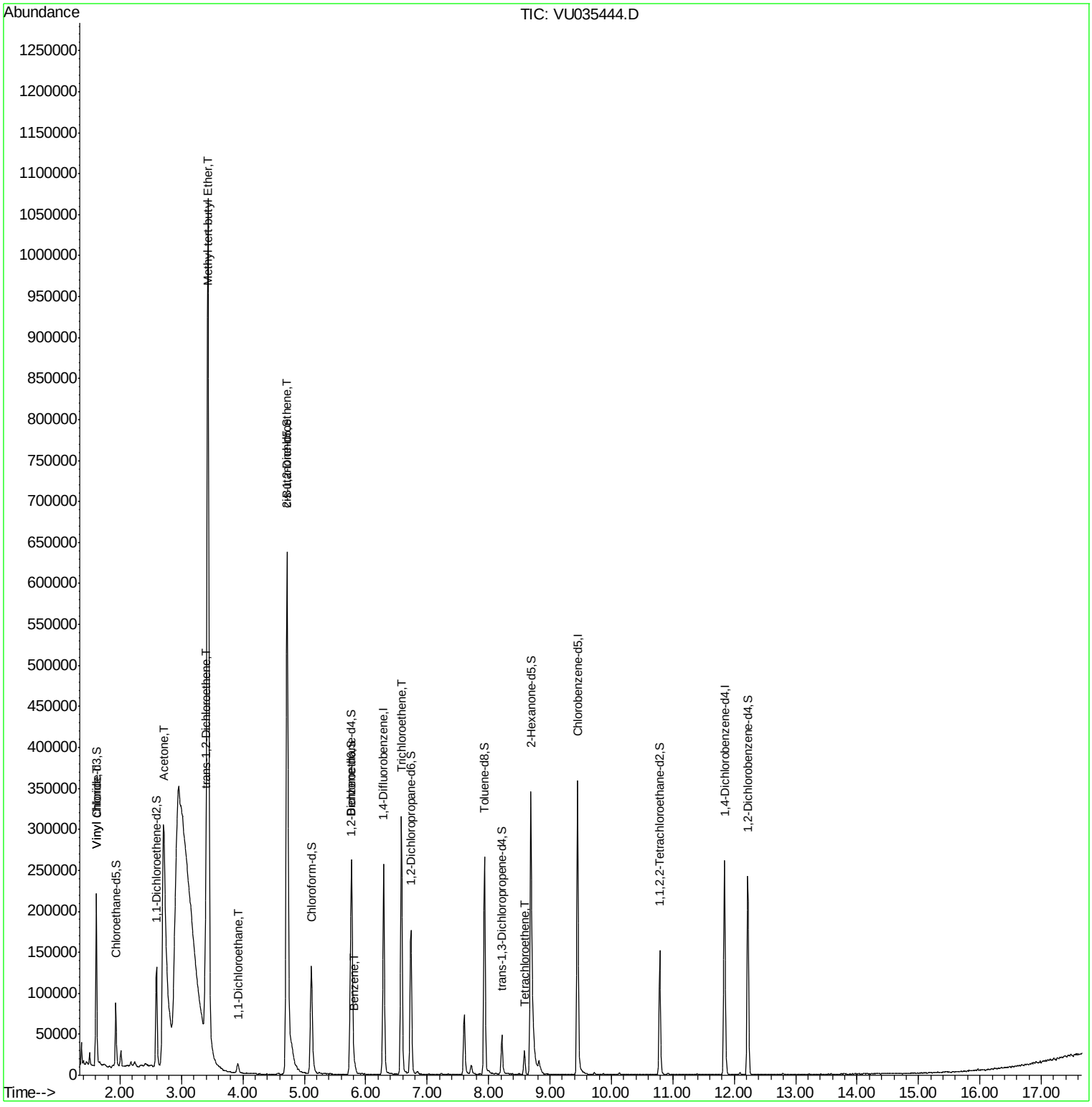
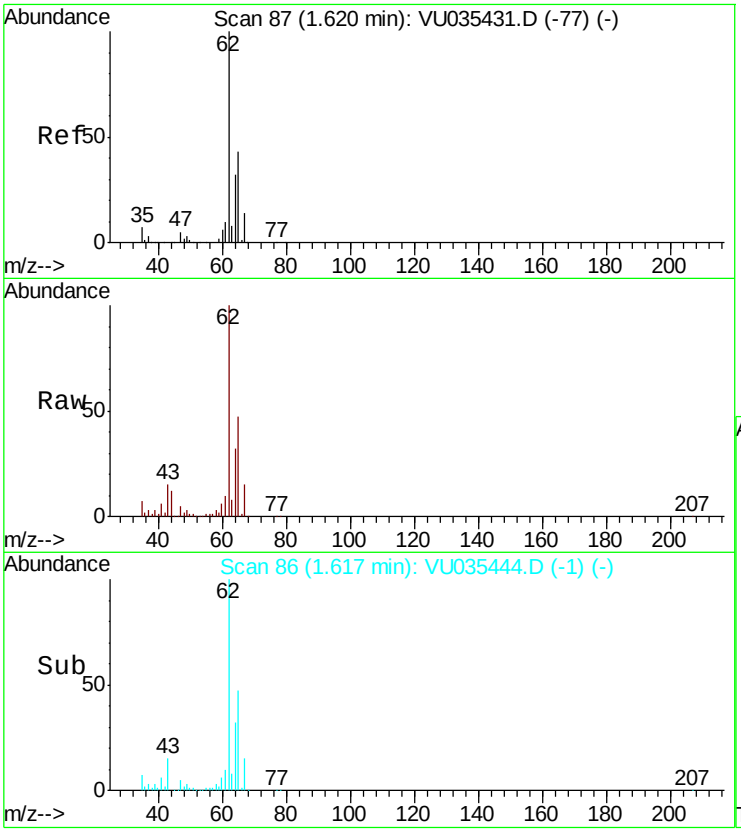


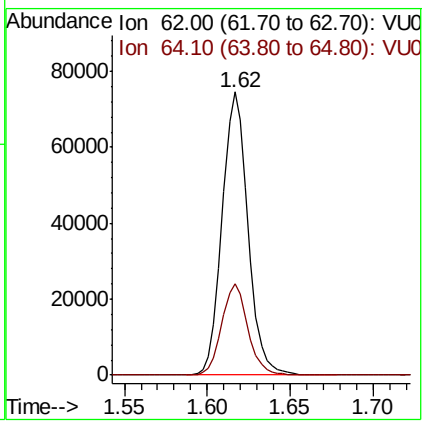


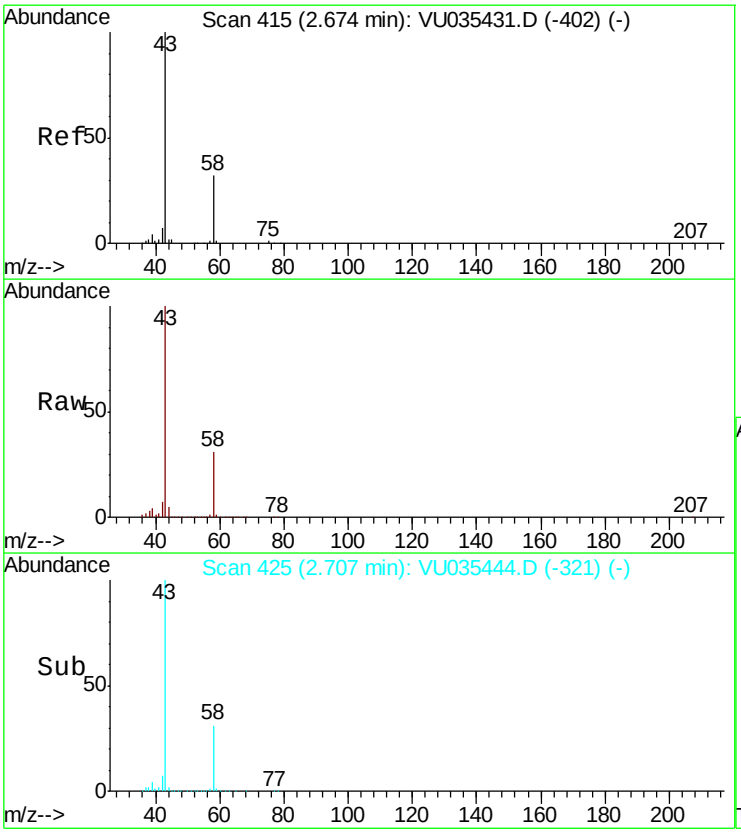
#5
Vinyl chloride
Concen: 4.590 ug/L
RT: 1.62 min Scan# 86
Delta R.T. -0.00 min
Lab File: VU035444.D
Acq: 24 Oct 2019 08:01

Instrument : MSVOA_U
ClientSampleId : H0G47

Tgt Ion: 62 Resp: 80816

Ion	Ratio	Lower	Upper
62	100		
64	32.1	22.9	42.5

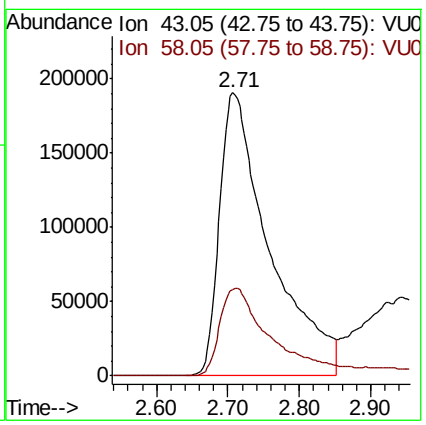


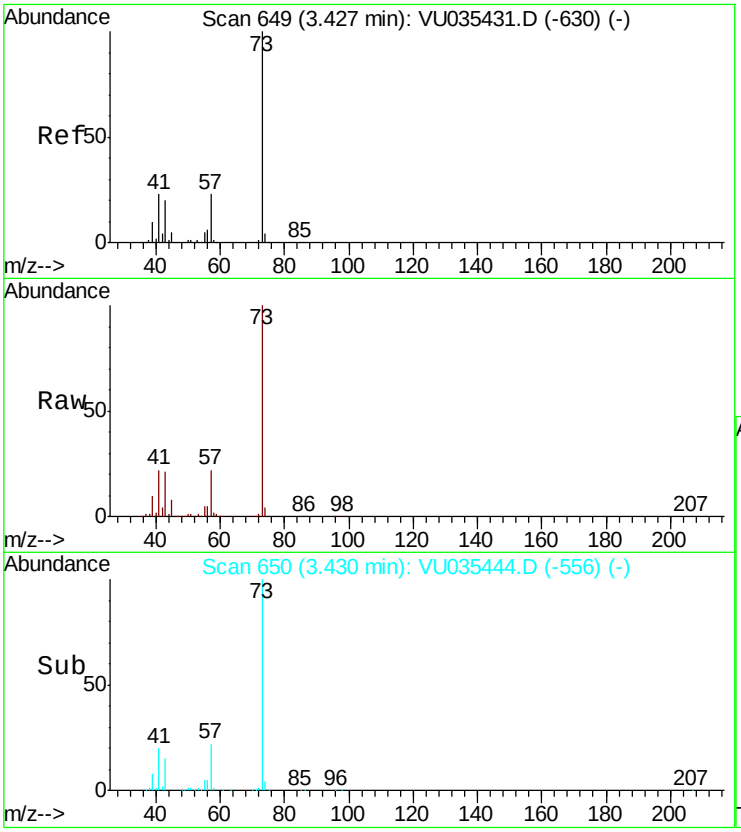


#13
Acetone
Concen: 373.331 ug/L
RT: 2.71 min Scan# 425
Delta R.T. 0.04 min
Lab File: VU035444.D
Acq: 24 Oct 2019 08:01

Tgt Ion: 43 Resp: 924123

Ion	Ratio	Lower	Upper
43	100		
58	31.7	0.0	61.8



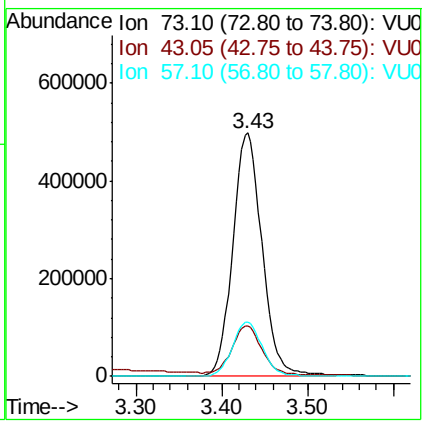


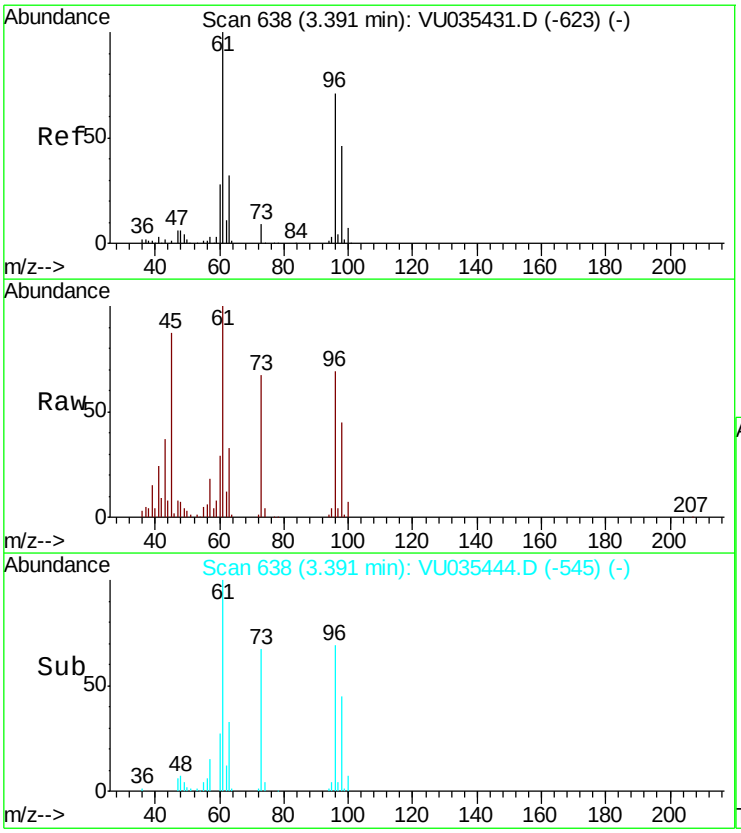
#17
Methyl tert-butyl Ether
Concen: 33.640 ug/L
RT: 3.43 min Scan# 650
Delta R.T. 0.00 min
Lab File: VU035444.D
Acq: 24 Oct 2019 08:01

Instrument : MSVOA_U
ClientSampleId : H0G47

Tgt Ion: 73 Resp: 1181299

Ion	Ratio	Lower	Upper
73	100		
43	22.1	16.0	24.0
57	22.5	17.4	26.2

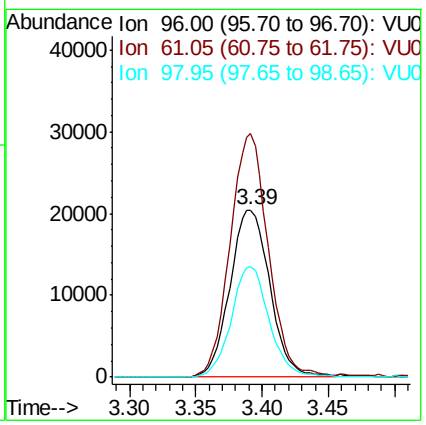


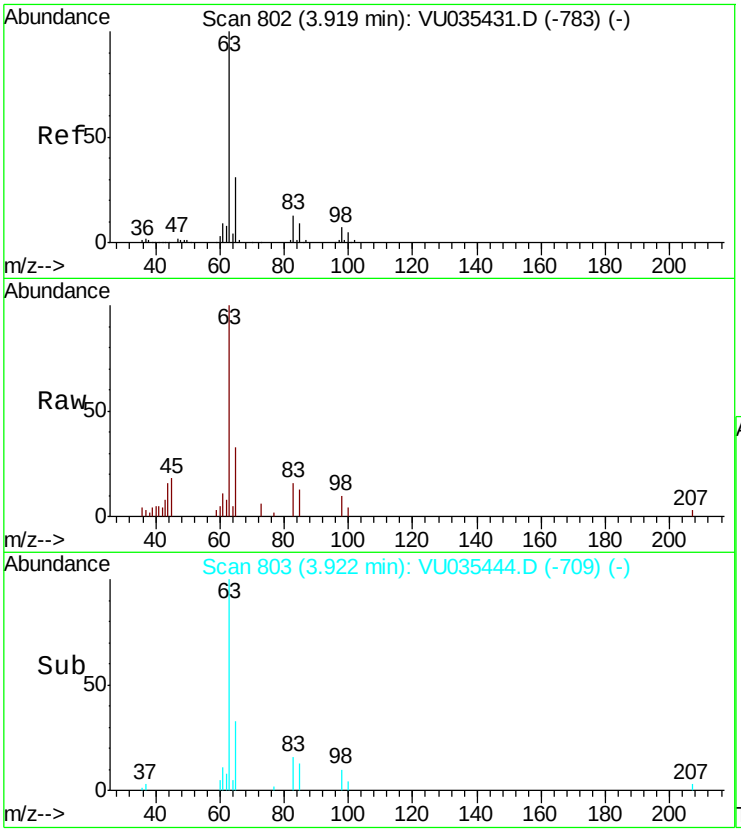


#18
trans-1,2-Dichloroethene
Concen: 3.033 ug/L
RT: 3.39 min Scan# 638
Delta R.T. -0.00 min
Lab File: VU035444.D
Acq: 24 Oct 2019 08:01

Tgt Ion: 96 Resp: 42709

Ion	Ratio	Lower	Upper
96	100		
61	145.5	93.0	172.6
98	65.8	43.7	81.1



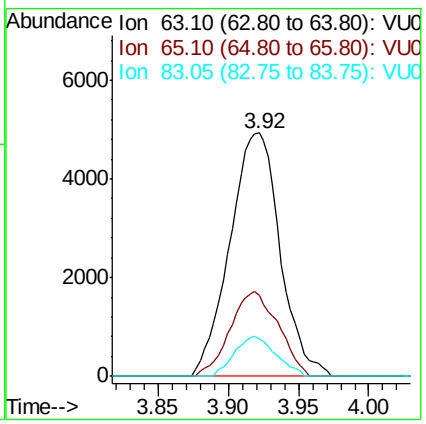


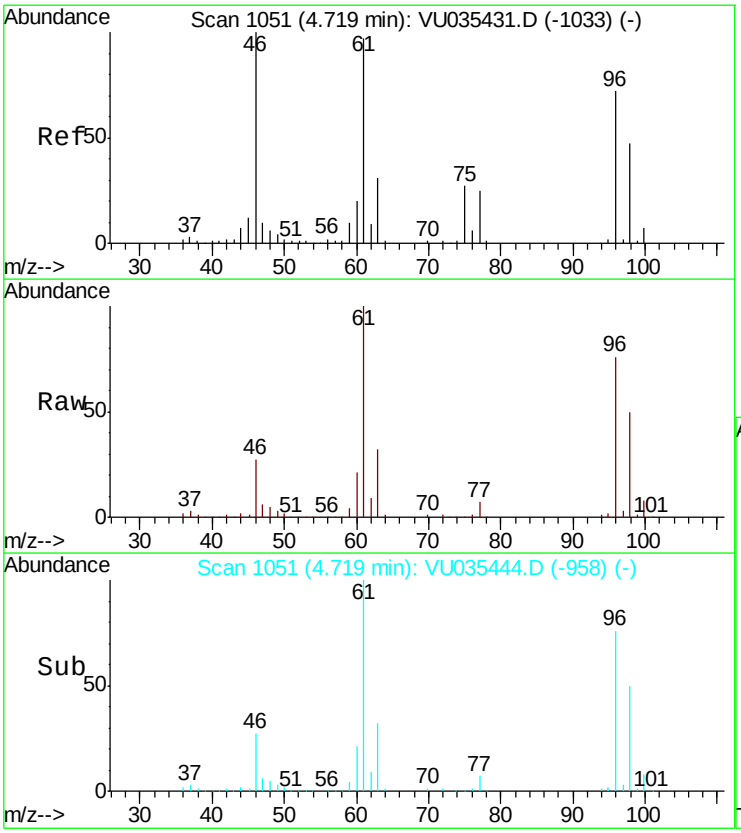
#19
1,1-Dichloroethane
Concen: 0.481 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.00 min
Lab File: VU035444.D
Acq: 24 Oct 2019 08:01

Instrument : MSVOA_U
ClientSampleId : H0G47

Tgt Ion: 63 Resp: 12259

Ion	Ratio	Lower	Upper
63	100		
65	33.4	22.4	41.6
83	15.6	9.3	17.3

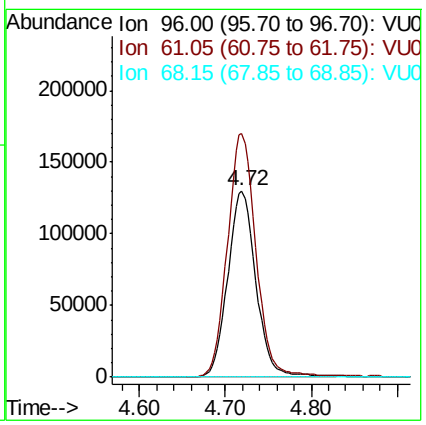


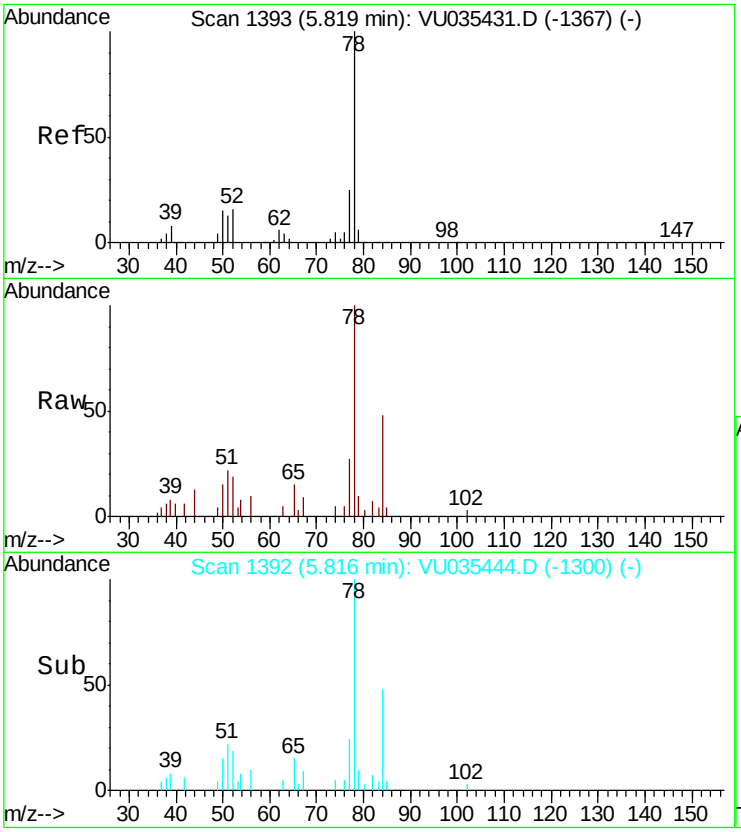


#22
cis-1,2-Dichloroethene
Concen: 19.009 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VU035444.D
Acq: 24 Oct 2019 08:01

Tgt Ion: 96 Resp: 295831

Ion	Ratio	Lower	Upper
96	100		
61	130.8	89.7	166.5
68	0.0	0.0	0.0

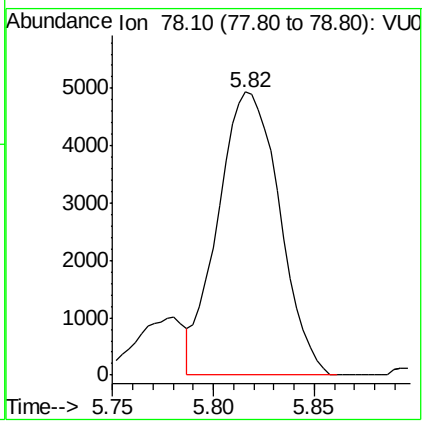


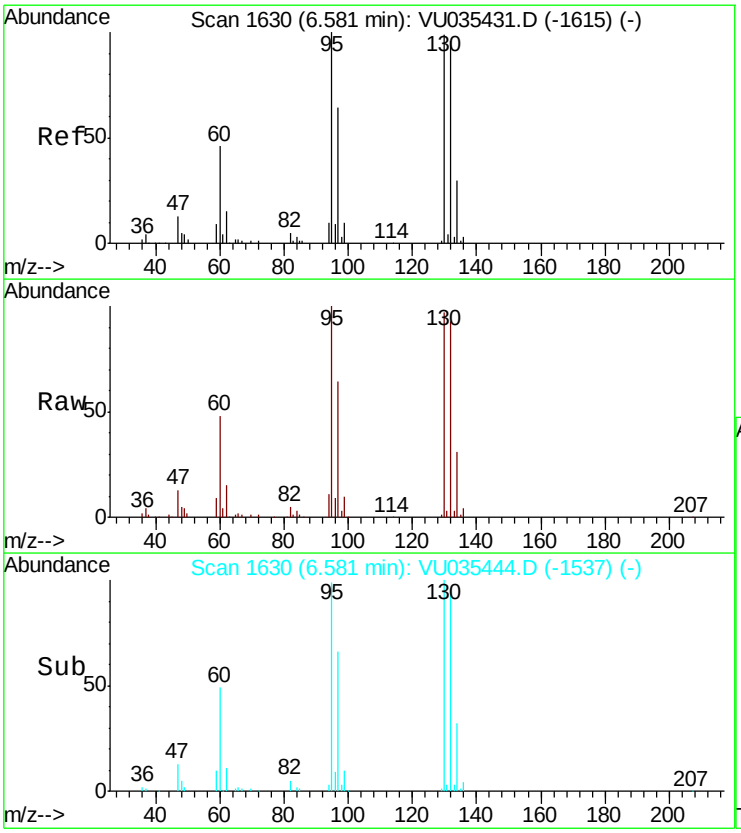


#33
Benzene
Concen: 0.169 ug/L
RT: 5.82 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VU035444.D
Acq: 24 Oct 2019 08:01

Instrument :
MSVOA_U
ClientSampleId :
H0G47

Tgt Ion: 78 Resp: 10526

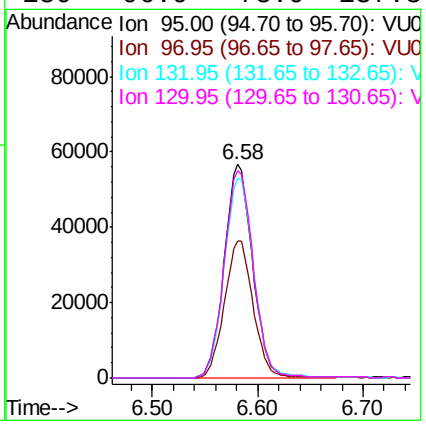


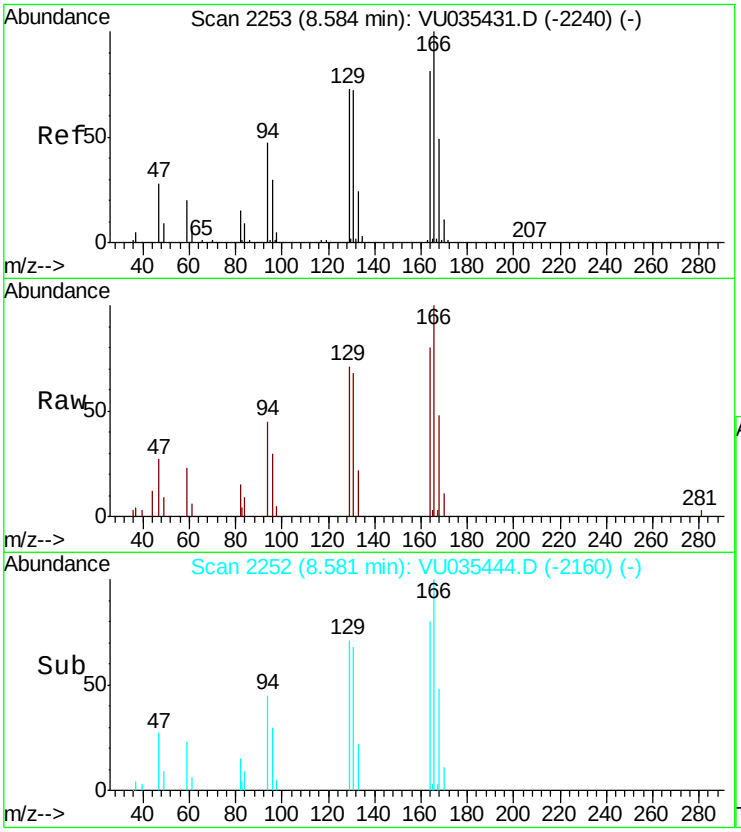


#34
Trichloroethene
Concen: 6.313 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU035444.D
Acq: 24 Oct 2019 08:01

Tgt Ion: 95 Resp: 105887

Ion	Ratio	Lower	Upper
95	100		
97	64.4	46.6	86.6
132	93.3	68.7	127.7
130	96.9	73.9	137.3





#47
Tetrachloroethene
Concen: 0.480 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU035444.D
Acq: 24 Oct 2019 08:01

Instrument :
MSVOA_U
ClientSampleId :
H0G47

Tgt Ion:164 Resp: 6710

Ion	Ratio	Lower	Upper
164	100		
129	89.0	65.2	121.0
131	85.1	62.9	116.9
166	125.3	91.5	169.9