Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035278.D
Acq On : 18 Oct 2019 19:57
Operator : JC/SP
Sample : K5419-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 19 03:42:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 03:38:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	328739	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.45	117	315127	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	130226	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.61	65	93117	4.64	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.80%				
7) Chloroethane-d5	1.93	69	86899	4.74	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.80%				
11) 1,1-Dichloroethene-d2	2.60	63	129308	3.49	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.80%				
20) 2-Butanone-d5	4.71	46	281663	48.90	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.80%				
24) Chloroform-d	5.12	84	182203	4.97	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%				
26) 1,2-Dichloroethane-d4	5.75	65	102013	5.03	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%				
32) Benzene-d6	5.77	84	360589	5.00	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%				
36) 1,2-Dichloropropane-d6	6.74	67	122060	5.33	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.60%				
41) Toluene-d8	7.93	98	339617	4.93	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%				
43) trans-1,3-Dichloropropene-	8.22	79	48992	4.41	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.20%				
46) 2-Hexanone-d5	8.69	63	235444	48.08	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.16%				
57) 1,1,2,2-Tetrachloroethane-	10.79	84	102993	5.05	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.00%				
64) 1,2-Dichlorobenzene-d4	12.22	152	117719	4.96	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.20%				
Target Compounds							Qvalue
5) Vinyl chloride	1.62	62	44973	1.578	ug/L		93
12) 1,1-Dichloroethene	2.60	96	1958	0.093	ug/L	#	1
13) Acetone	2.67	43	8061	2.012	ug/L		93
15) Methyl Acetate	3.07	43	2362	0.237	ug/L	#	53
18) trans-1,2-Dichloroethene	3.39	96	6275	0.275	ug/L		97
22) cis-1,2-Dichloroethene	4.72	96	20375	0.809	ug/L		97
34) Trichloroethene	6.58	95	4391	0.176	ug/L		94
37) 1,2-Dichloropropane	6.73	63	14229	0.605	ug/L	#	89
39) cis-1,3-Dichloropropene	7.60	75	3364	0.085	ug/L	#	30
45) 1,1,2-Trichloroethane	8.40	97	3085	0.177	ug/L	#	19
48) 2-Hexanone	8.73	43	12293	1.103	ug/L	#	74
59) 1,2,3-Trichloropropane	11.84	75	15582	0.950	ug/L	#	81

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

Quantitation Report (Not Reviewed)

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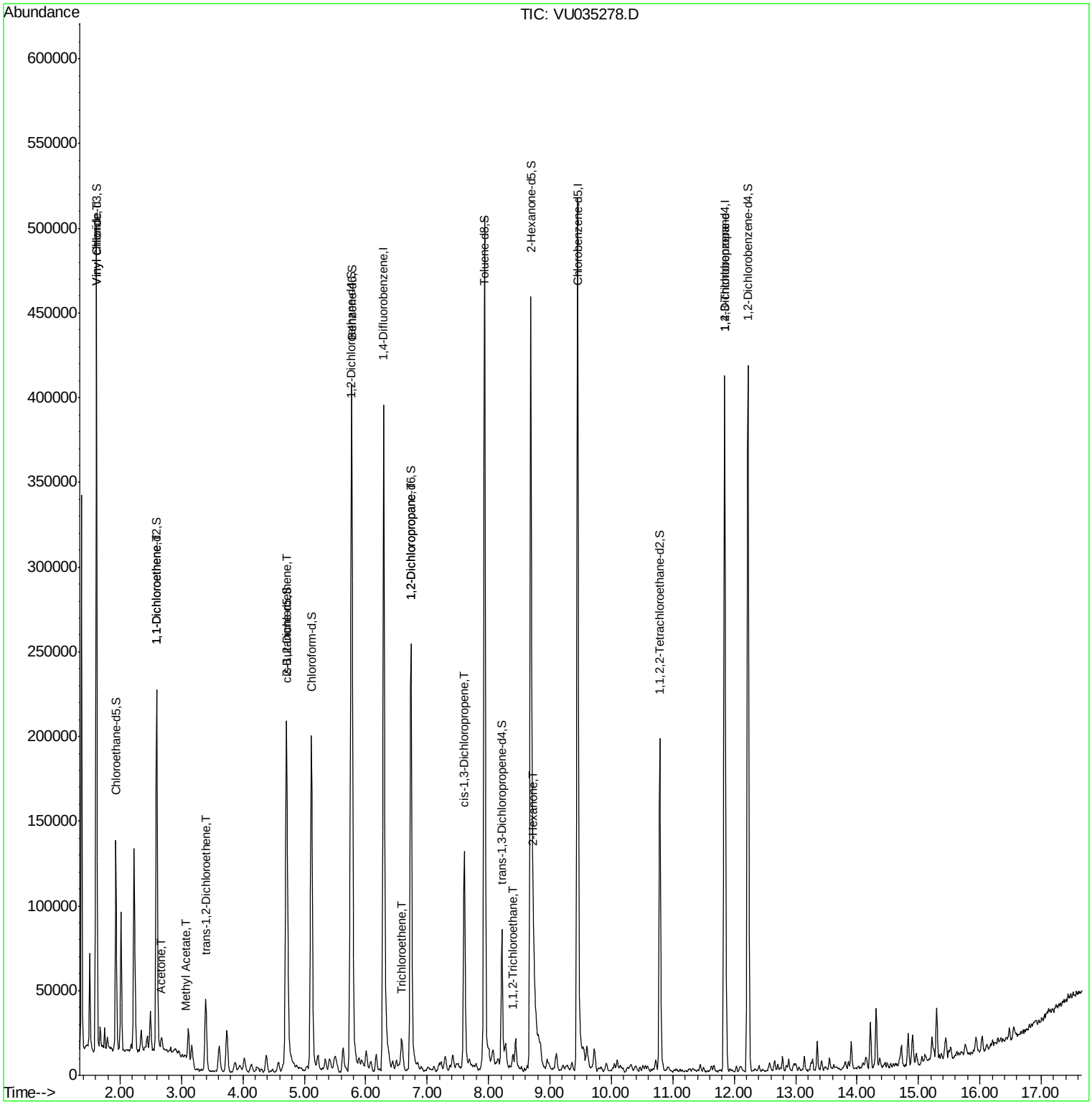
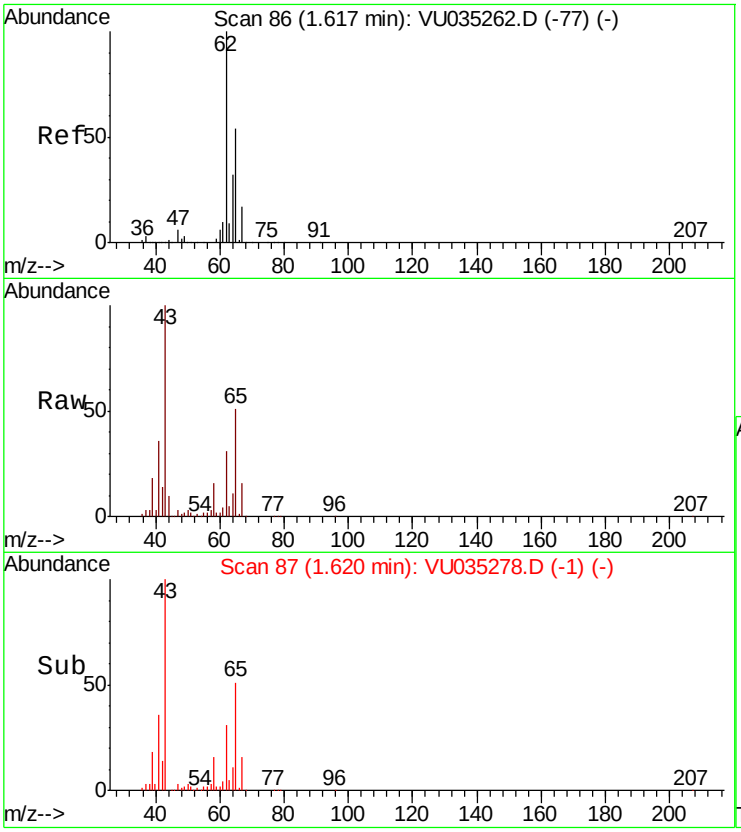
Operator : JC/SP
Sample : K5419-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 19 03:42:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 03:38:09 2019
Response via : Initial Calibration



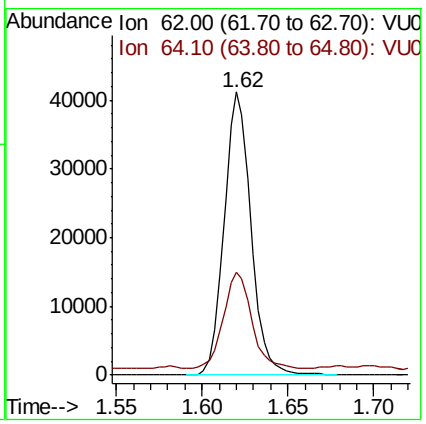


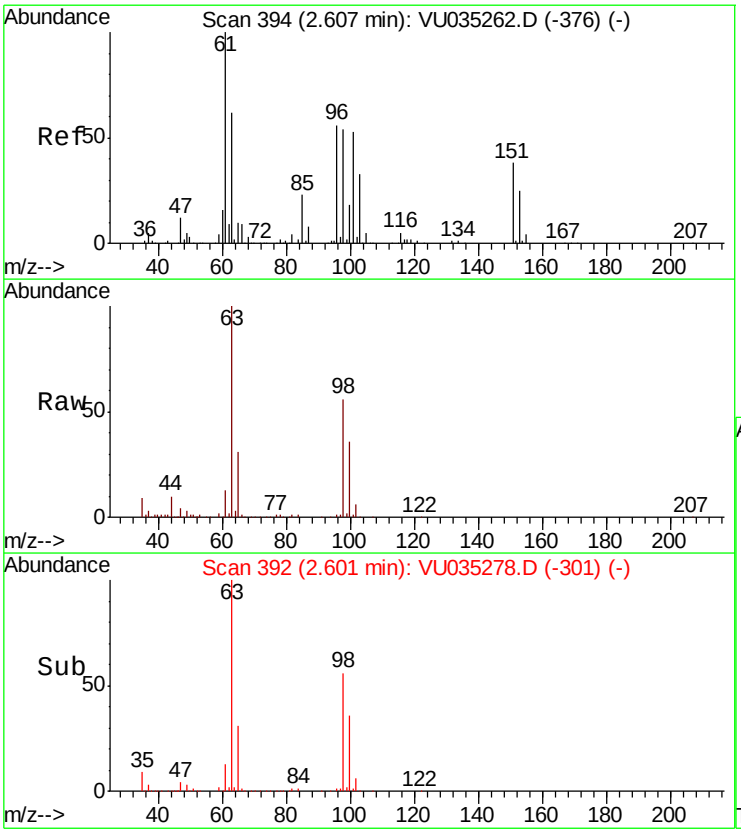
#5
Vinyl chloride
Concen: 1.578 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VU035278.D
Acq: 18 Oct 2019 19:57

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 44973

Ion	Ratio	Lower	Upper
62	100		
64	36.6	22.9	42.5

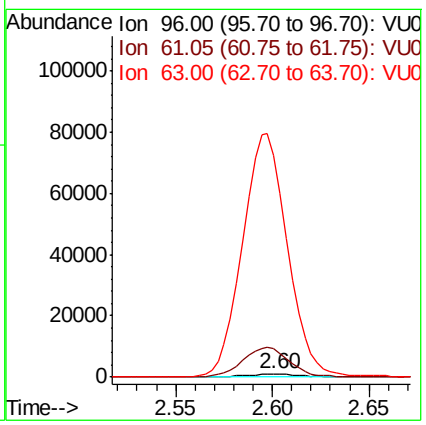


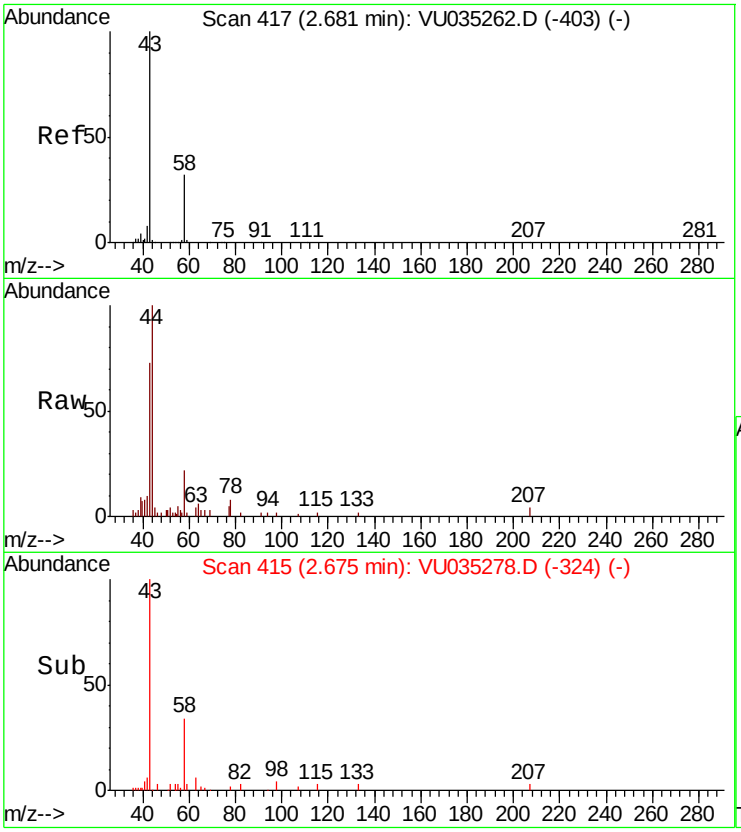


#12
1,1-Dichloroethene
Concen: 0.093 ug/L
RT: 2.60 min Scan# 392
Delta R.T. -0.01 min
Lab File: VU035278.D
Acq: 18 Oct 2019 19:57

Tgt Ion: 96 Resp: 1958

Ion	Ratio	Lower	Upper
96	100		
61	929.0	120.6	224.0#
63	7362.0	86.8	161.2#



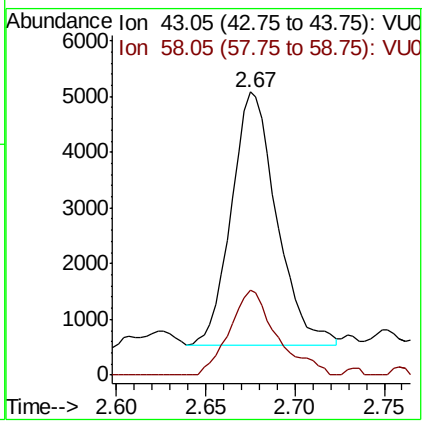


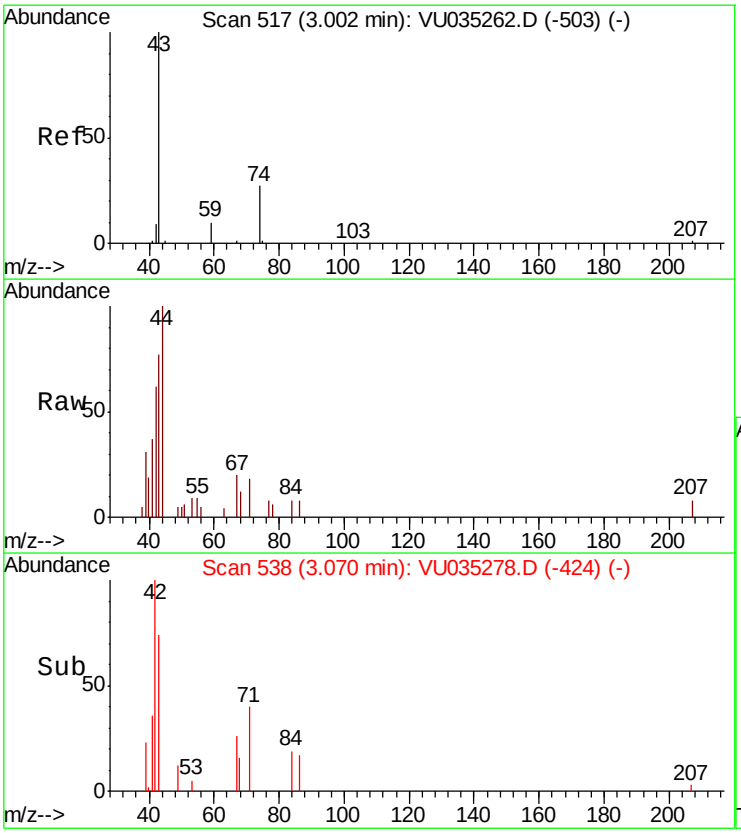
#13
Acetone
Concen: 2.012 ug/L
RT: 2.67 min Scan# 415
Delta R.T. -0.01 min
Lab File: VU035278.D
Acq: 18 Oct 2019 19:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 8061

Ion	Ratio	Lower	Upper
43	100		
58	34.9	0.0	61.8

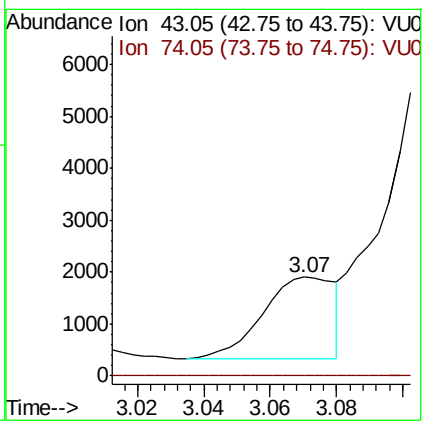


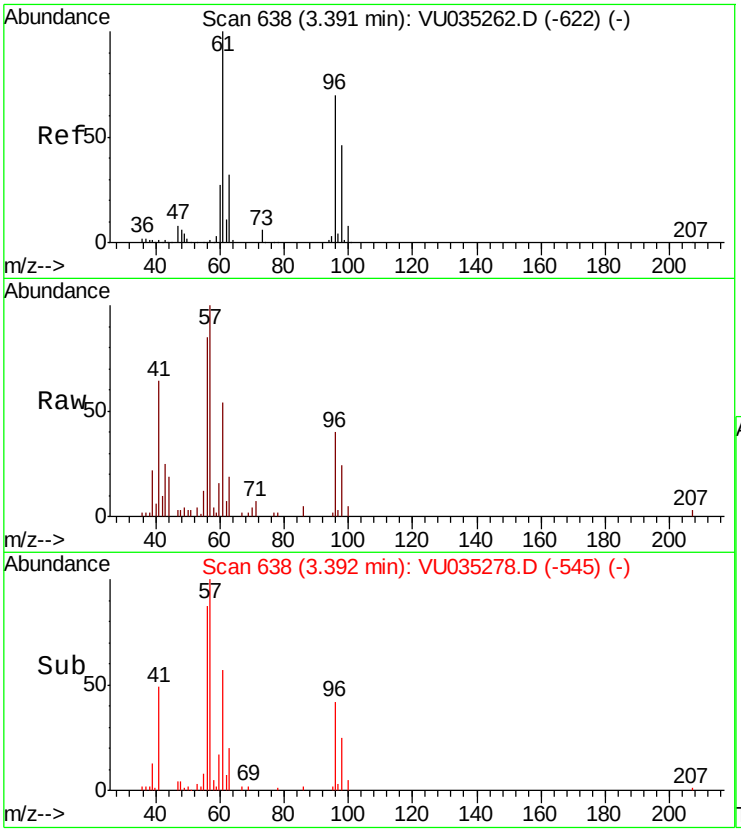


#15
Methyl Acetate
Concen: 0.237 ug/L
RT: 3.07 min Scan# 538
Delta R.T. 0.07 min
Lab File: VU035278.D
Acq: 18 Oct 2019 19:57

Tgt Ion: 43 Resp: 2362

Ion	Ratio	Lower	Upper
43	100		
74	1.7	20.3	30.5#



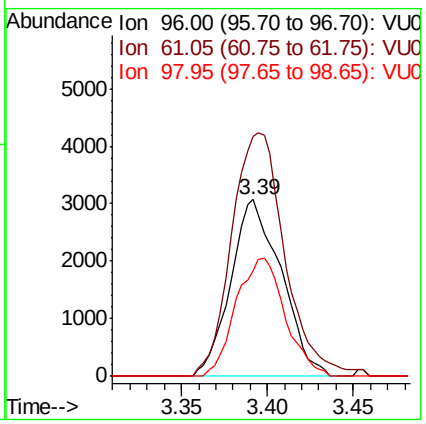


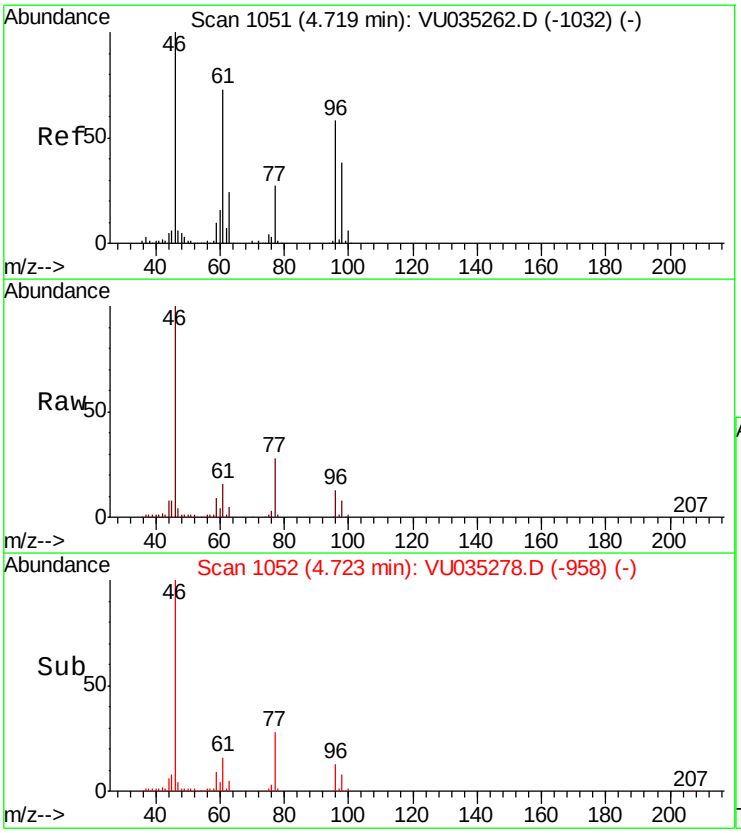
#18
trans-1,2-Dichloroethene
Concen: 0.275 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035278.D
Acq: 18 Oct 2019 19:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 6275

Ion	Ratio	Lower	Upper
96	100		
61	135.4	93.0	172.6
98	59.9	43.7	81.1

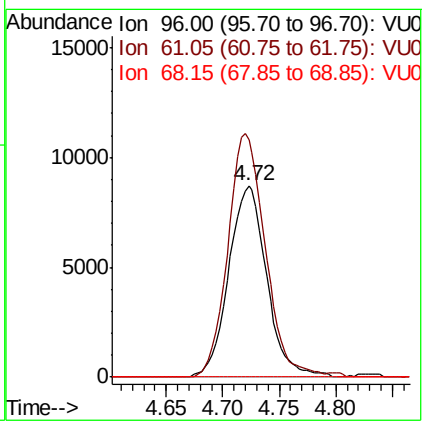


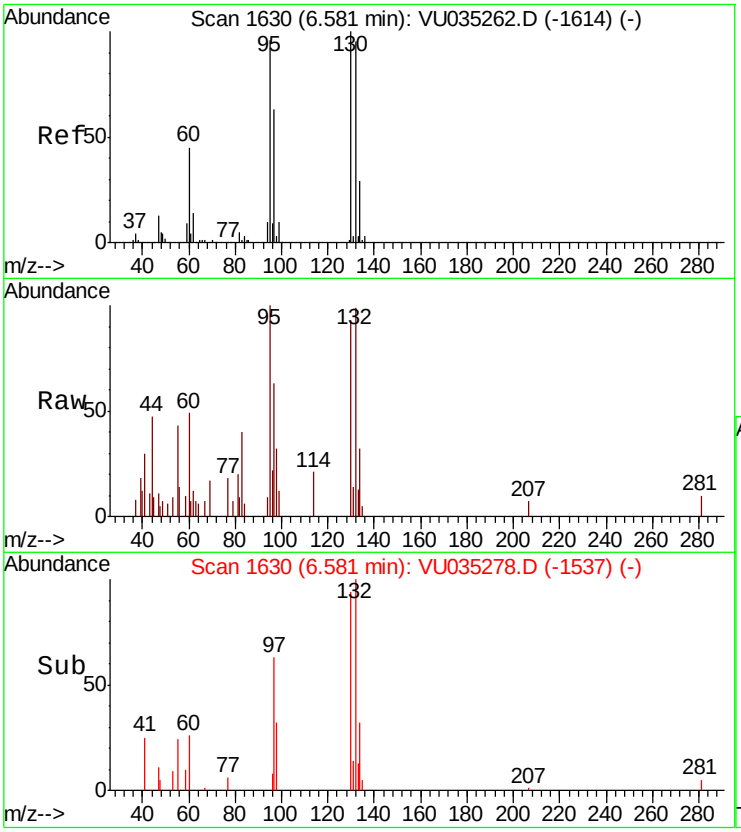


#22
cis-1,2-Dichloroethene
Concen: 0.809 ug/L
RT: 4.72 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VU035278.D
Acq: 18 Oct 2019 19:57

Tgt Ion: 96 Resp: 20375

Ion	Ratio	Lower	Upper
96	100		
61	124.4	89.7	166.5
68	0.0	0.0	0.0



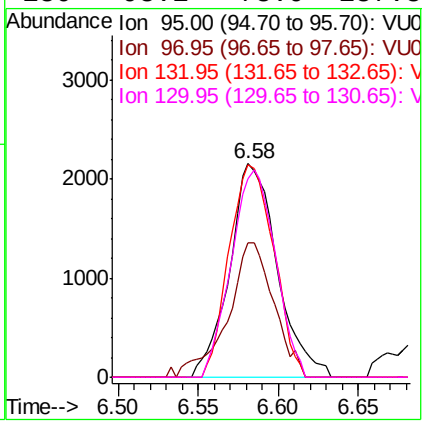


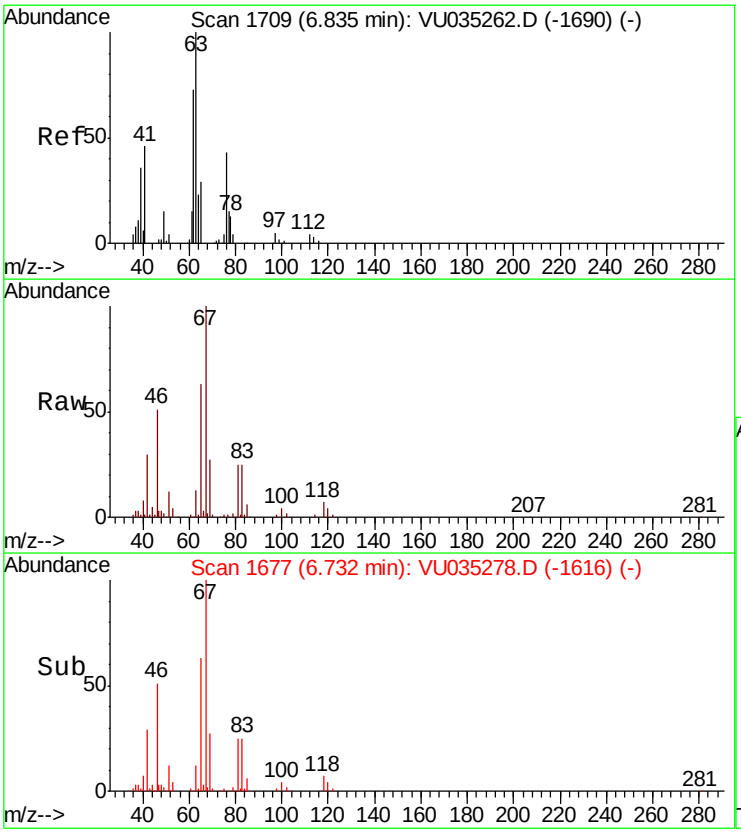
#34
Trichloroethene
Concen: 0.176 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035278.D
Acq: 18 Oct 2019 19:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 4391

Ion	Ratio	Lower	Upper
95	100		
97	62.7	46.6	86.6
132	99.4	68.7	127.7
130	93.1	73.9	137.3

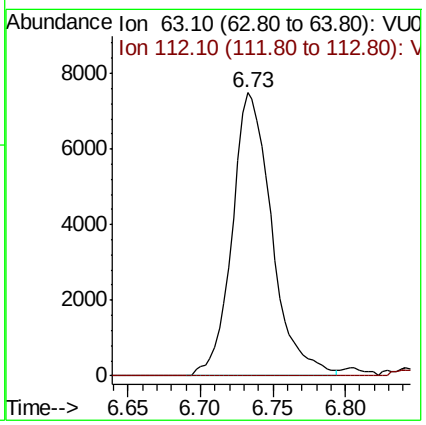


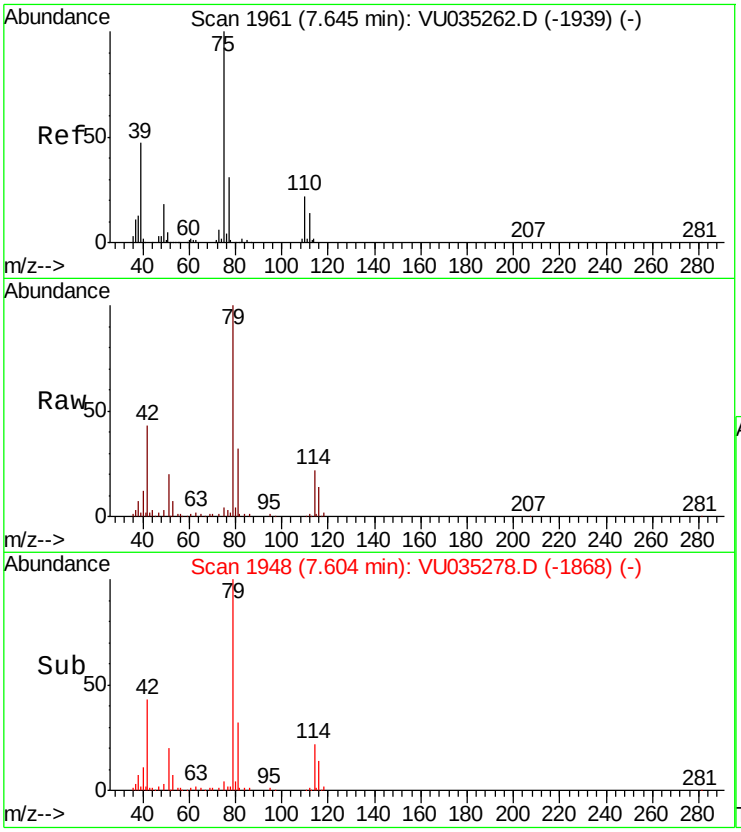


#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035278.D
Acq: 18 Oct 2019 19:57

Tgt Ion: 63 Resp: 14229

Ion	Ratio	Lower	Upper
63	100		
112	1.0	3.7	5.5#



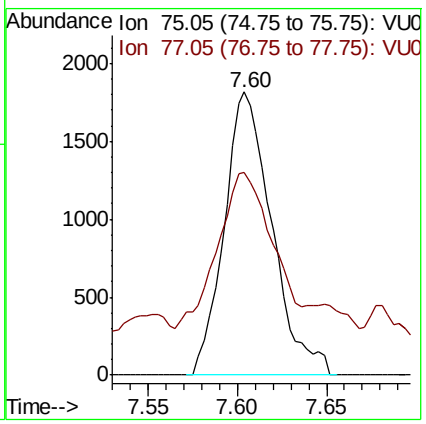


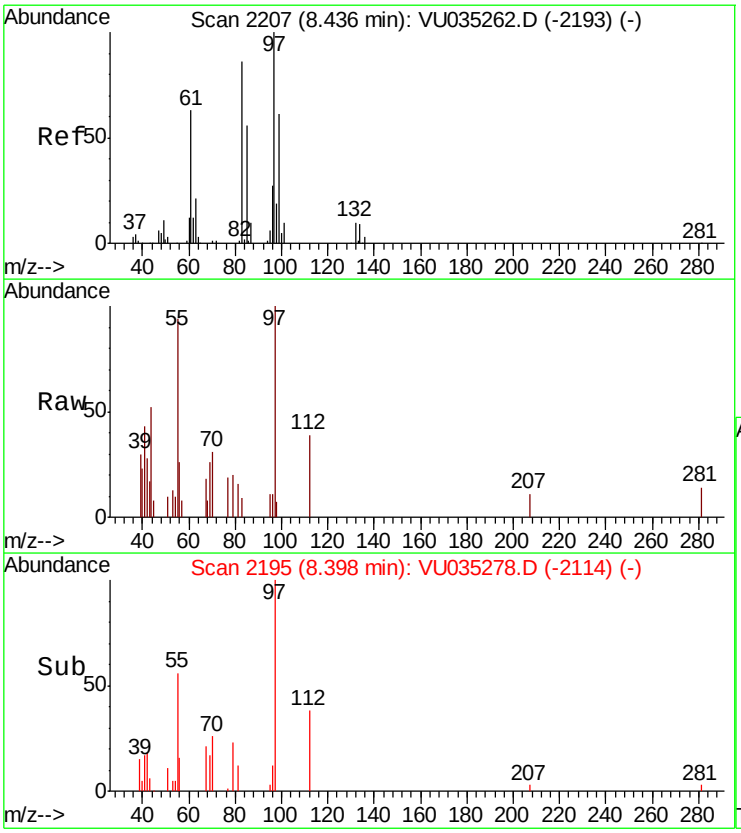
#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU035278.D
Acq: 18 Oct 2019 19:57

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3364

Ion	Ratio	Lower	Upper
75	100		
77	71.8	22.7	42.1#

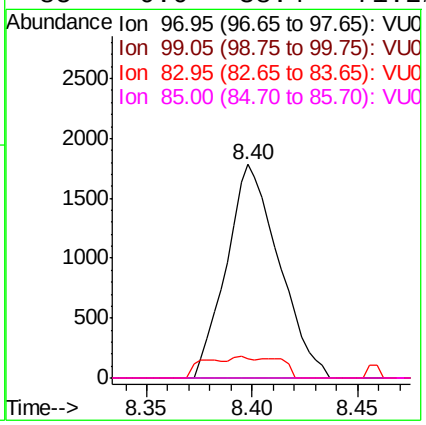


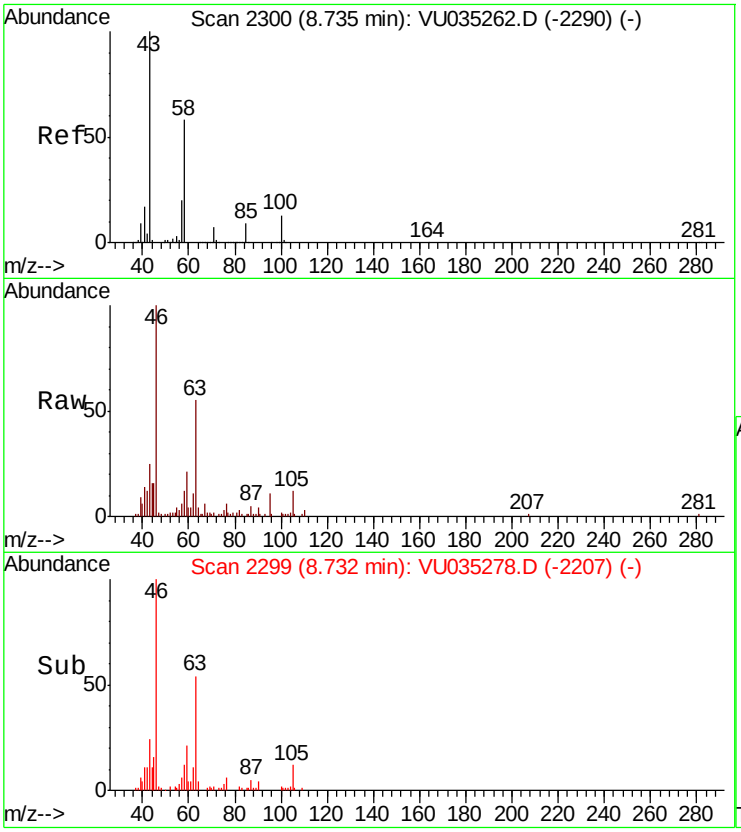


#45
1,1,2-Trichloroethane
Concen: 0.177 ug/L
RT: 8.40 min Scan# 2195
Delta R.T. -0.04 min
Lab File: VU035278.D
Acq: 18 Oct 2019 19:57

Tgt Ion: 97 Resp: 3085

Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.9	79.7#
83	8.7	60.4	112.2#
85	0.0	38.4	71.2#



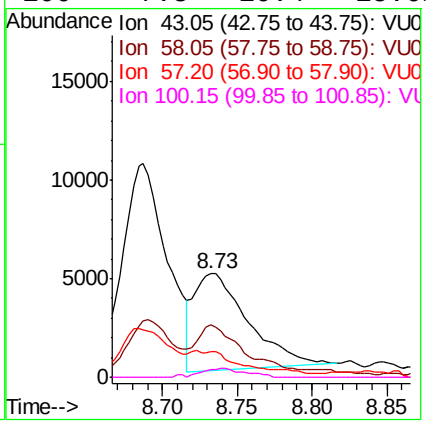


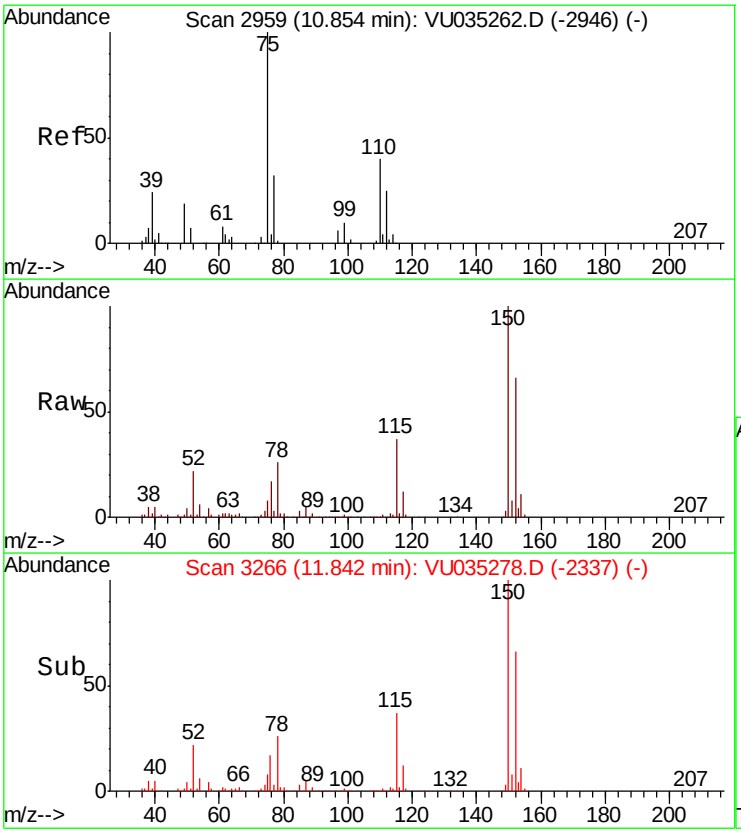
#48
2-Hexanone
Concen: 1.103 ug/L
RT: 8.73 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VU035278.D
Acq: 18 Oct 2019 19:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 12293

Ion	Ratio	Lower	Upper
43	100		
58	40.2	45.1	67.7#
57	0.0	16.0	24.0#
100	7.3	10.4	15.6#





#59
1,2,3-Trichloropropane
Concen: 0.950 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035278.D
Acq: 18 Oct 2019 19:57

Tgt Ion: 75 Resp: 15582

Ion	Ratio	Lower	Upper
75	100		
77	43.5	26.2	39.2#