Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121819\
Data File : VU036273.D
Acq On : 18 Dec 2019 15:13
Operator : JC/MD
Sample : K6275-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 19 00:54:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 19 00:50:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	246168	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	276054	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	87367	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	127491	5.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 117.60%			
7) Chloroethane-d5	1.93	69	112618	5.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 116.00%			
11) 1,1-Dichloroethene-d2	2.59	63	132922	4.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.00%			
20) 2-Butanone-d5	4.68	46	185518	45.68	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.36%			
24) Chloroform-d	5.11	84	172092	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
26) 1,2-Dichloroethane-d4	5.75	65	91711	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
32) Benzene-d6	5.77	84	336441	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
36) 1,2-Dichloropropane-d6	6.73	67	105943	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.00%			
41) Toluene-d8	7.93	98	280229	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
43) trans-1,3-Dichloropropene-	8.21	79	38886	4.32	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.40%			
46) 2-Hexanone-d5	8.68	63	149263	43.39	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.78%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	92395	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	87181	5.21	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	4285	0.131	ug/L #	5
12) 1,1-Dichloroethene	2.60	96	2234	0.122	ug/L #	1
13) Acetone	2.66	43	7125	2.013	ug/L	98
16) Methylene chloride	3.08	84	18430	0.686	ug/L	94
22) cis-1,2-Dichloroethene	4.72	96	22269	1.085	ug/L	98
25) Chloroform	5.14	83	8640	0.226	ug/L	81
34) Trichloroethene	6.58	95	158796	7.260	ug/L	96
35) Methylcyclohexane	6.73	83	26506	0.852	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	11368	0.525	ug/L #	85
39) cis-1,3-Dichloropropene	7.60	75	2693	0.091	ug/L #	40
48) 2-Hexanone	8.69	43	18577	2.199	ug/L #	67
59) 1,2,3-Trichloropropane	11.84	75	9207	0.640	ug/L	88

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

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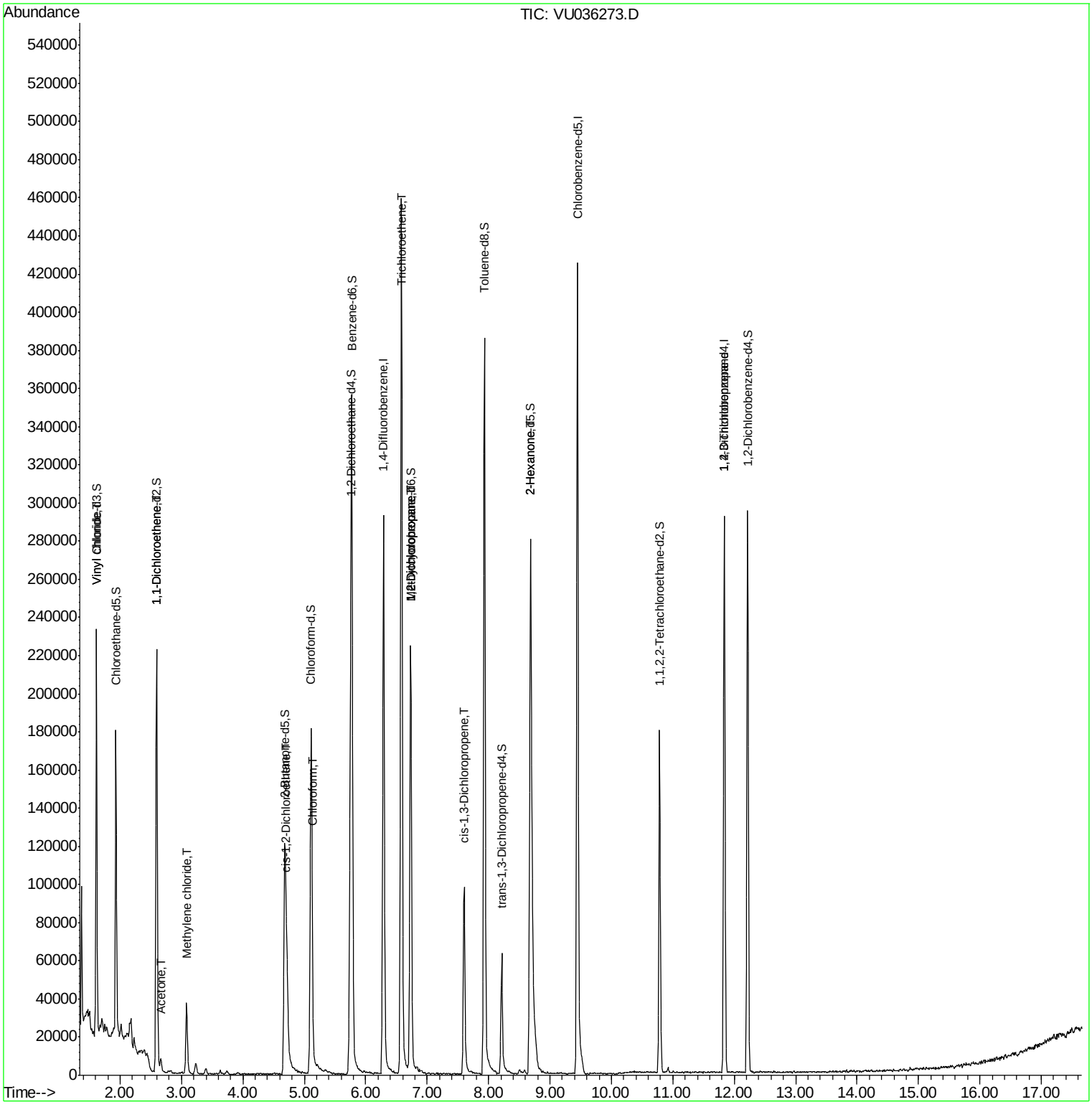
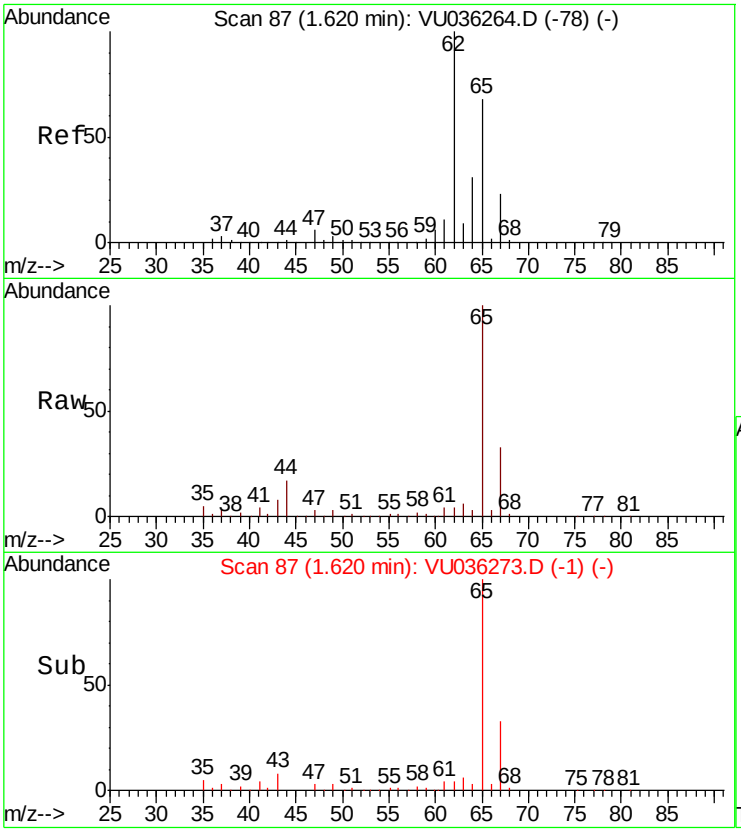
Operator : JC/MD
Sample : K6275-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 19 00:54:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 19 00:50:55 2019
Response via : Initial Calibration

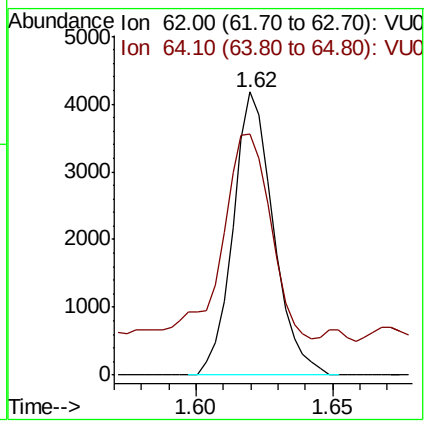


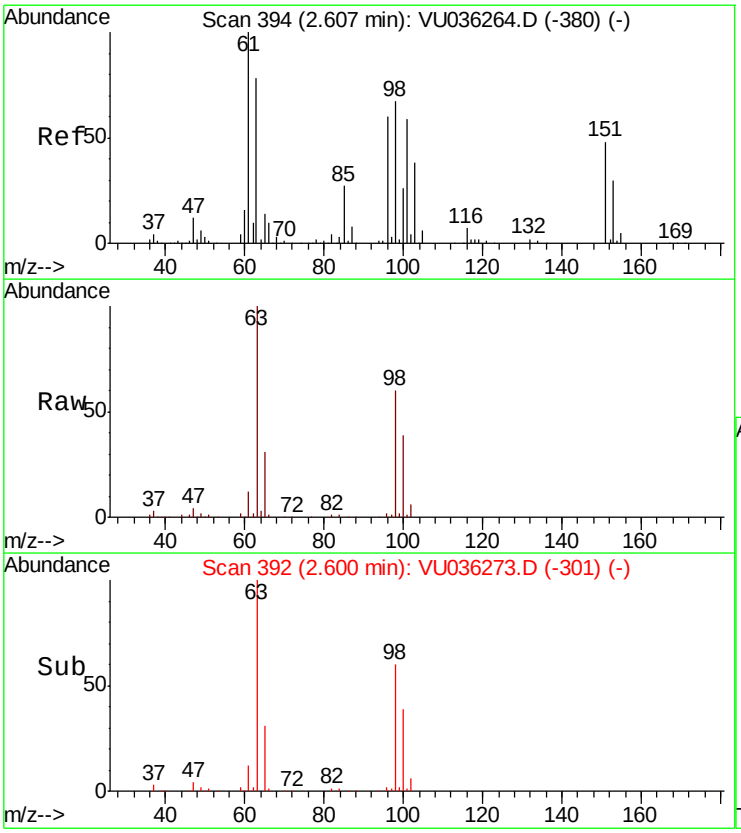


#5
Vinyl chloride
Concen: 0.131 ug/L
RT: 1.62 min Scan# 87
Delta R.T. -0.00 min
Lab File: VU036273.D
Acq: 18 Dec 2019 15:13

Tgt Ion: 62 Resp: 4285

Ion	Ratio	Lower	Upper
62	100		
64	85.2	22.4	41.6#

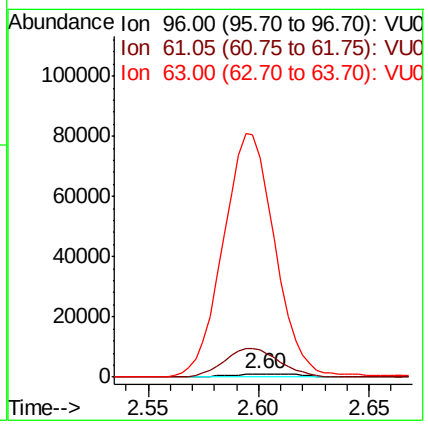


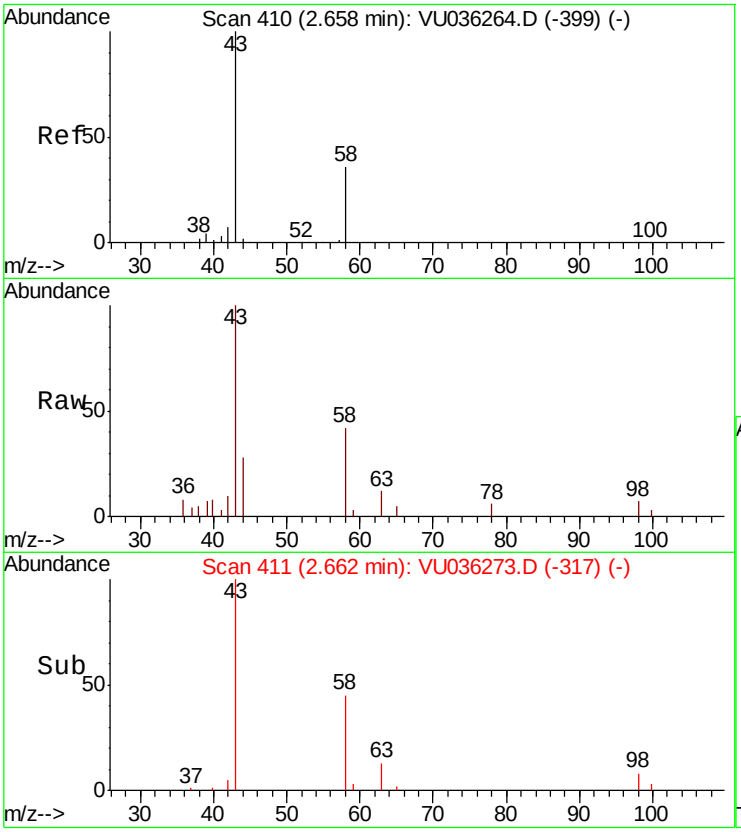


#12
1,1-Dichloroethene
Concen: 0.122 ug/L
RT: 2.60 min Scan# 392
Delta R.T. -0.01 min
Lab File: VU036273.D
Acq: 18 Dec 2019 15:13

Tgt Ion: 96 Resp: 2234

Ion	Ratio	Lower	Upper
96	100		
61	765.3	114.0	211.8#
63	6200.3	63.6	118.0#

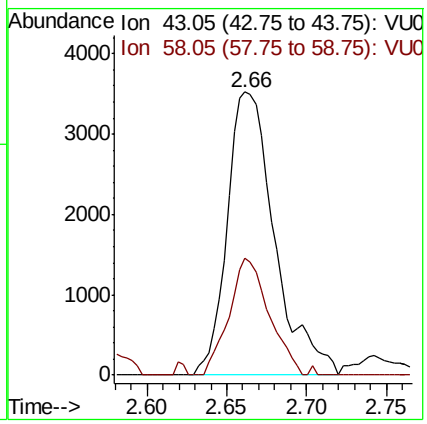


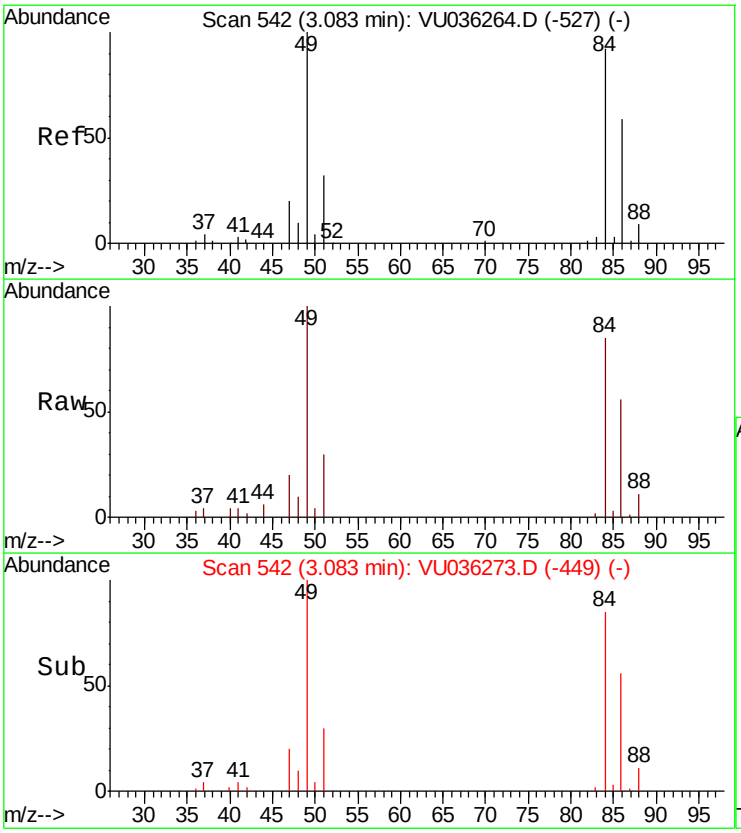


#13
Acetone
Concen: 2.013 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.00 min
Lab File: VU036273.D
Acq: 18 Dec 2019 15:13

Tgt Ion: 43 Resp: 7125

Ion	Ratio	Lower	Upper
43	100		
58	34.8	0.0	67.6

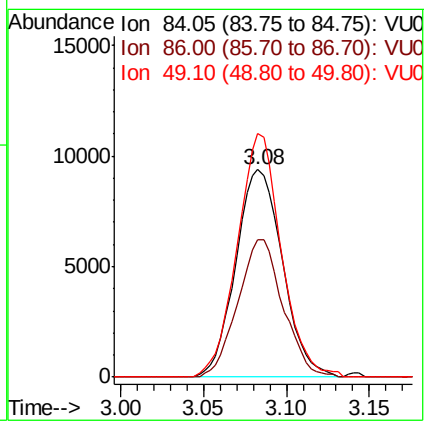


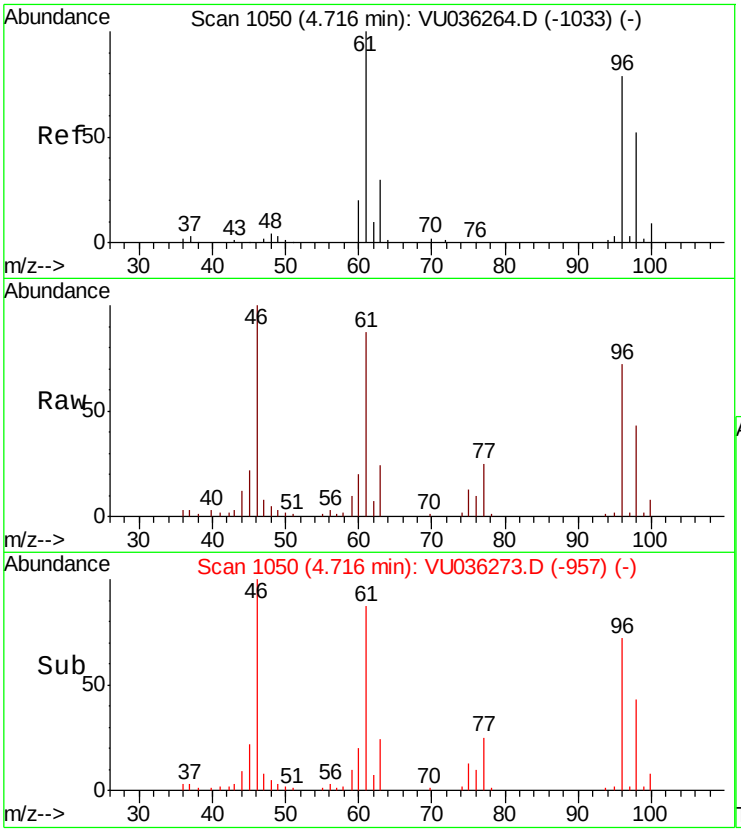


#16
Methylene chloride
Concen: 0.686 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU036273.D
Acq: 18 Dec 2019 15:13

Tgt Ion: 84 Resp: 18430

Ion	Ratio	Lower	Upper
84	100		
86	66.2	43.0	79.8
49	117.3	77.3	143.5

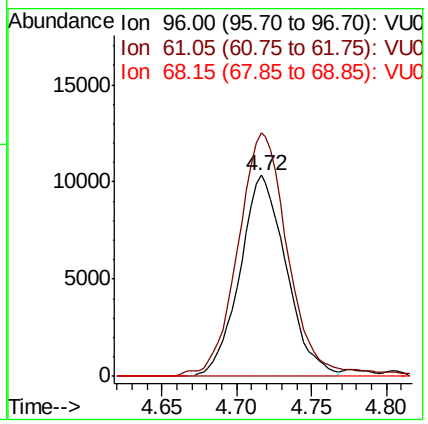


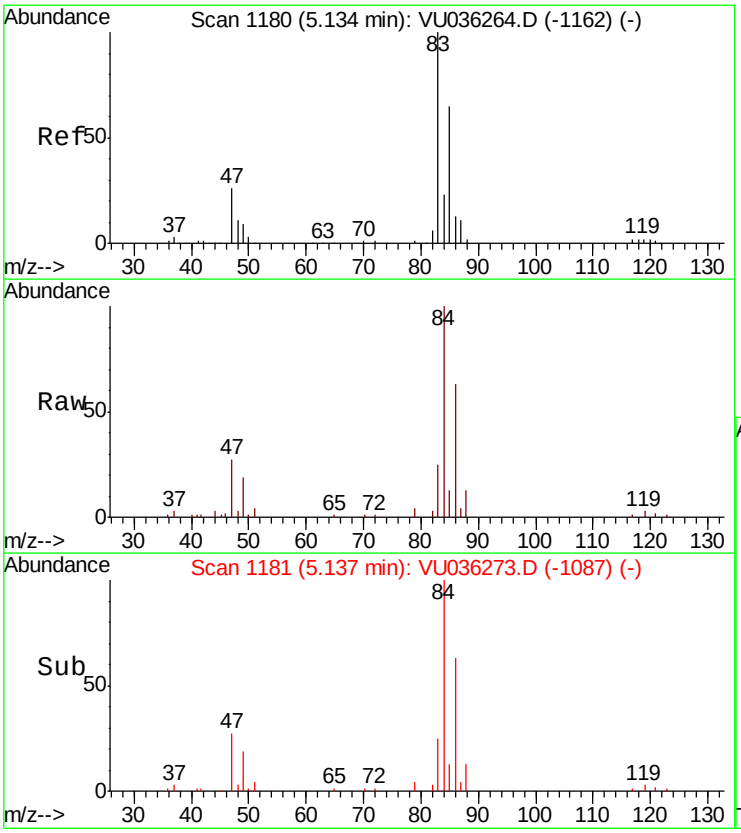


#22
cis-1,2-Dichloroethene
Concen: 1.085 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU036273.D
Acq: 18 Dec 2019 15:13

Tgt Ion: 96 Resp: 22269

Ion	Ratio	Lower	Upper
96	100		
61	121.1	86.7	161.1
68	0.0	0.0	0.0

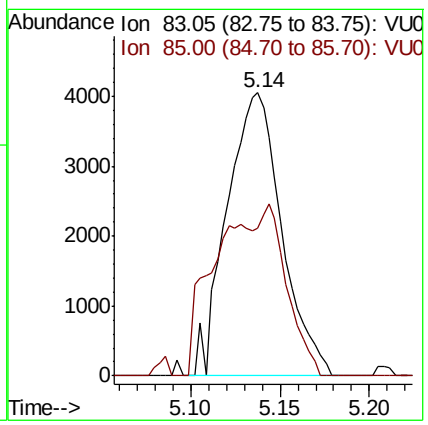


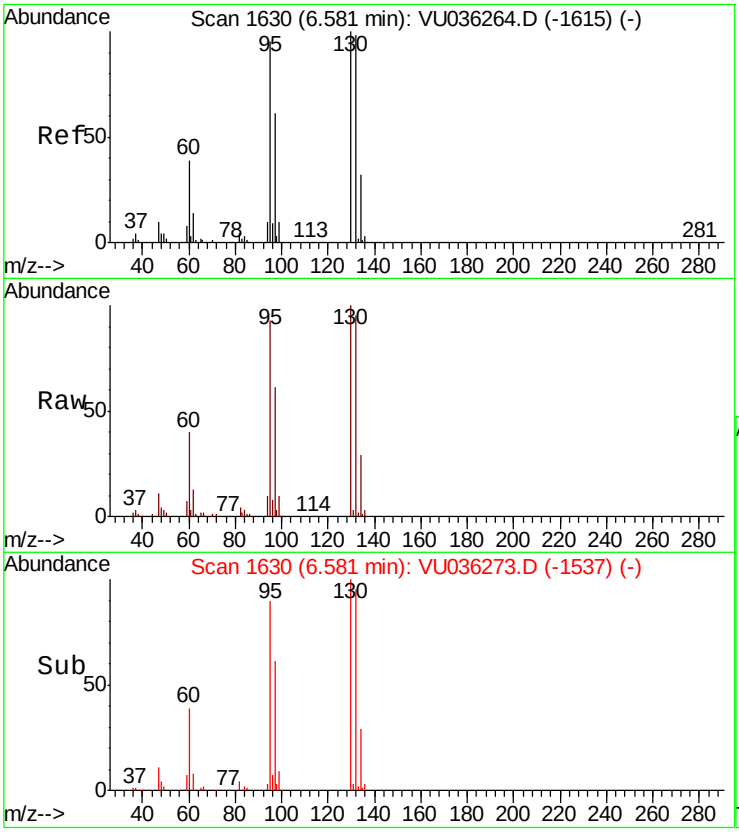


#25
Chloroform
Concen: 0.226 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036273.D
Acq: 18 Dec 2019 15:13

Tgt Ion: 83 Resp: 8640

Ion	Ratio	Lower	Upper
83	100		
85	52.4	47.5	88.1

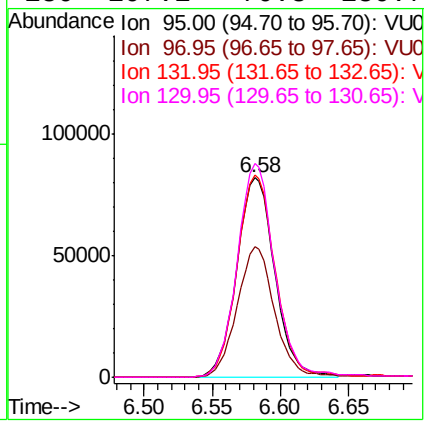


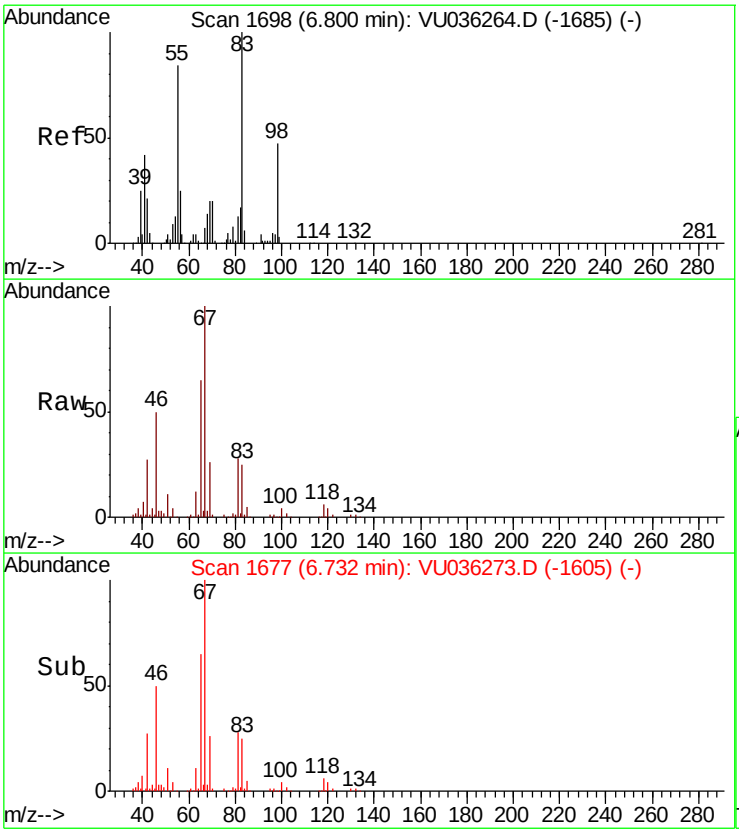


#34
Trichloroethene
Concen: 7.260 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU036273.D
Acq: 18 Dec 2019 15:13

Tgt Ion: 95 Resp: 158796

Ion	Ratio	Lower	Upper
95	100		
97	65.5	43.6	81.0
132	101.7	69.6	129.2
130	107.1	70.3	130.7

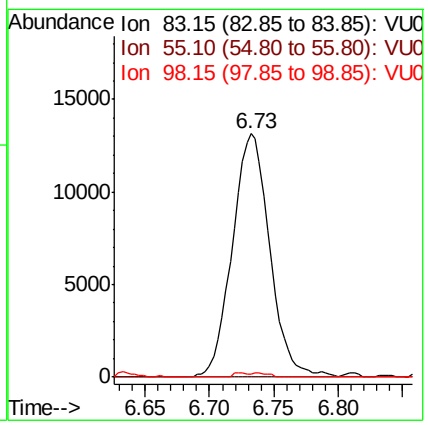


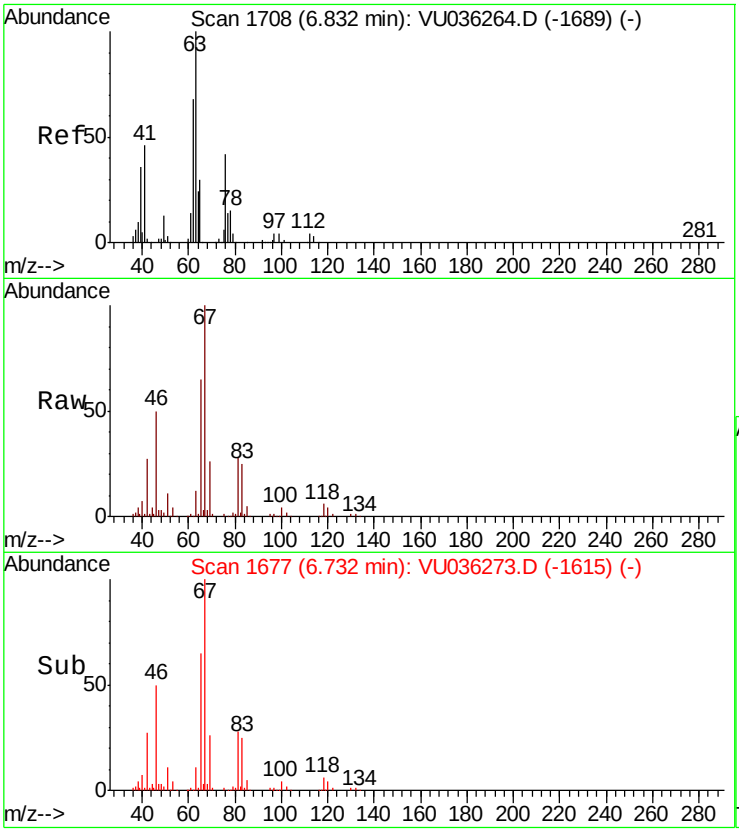


#35
Methylcyclohexane
Concen: 0.852 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036273.D
Acq: 18 Dec 2019 15:13

Tgt Ion: 83 Resp: 26506

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.8	36.2	54.2#

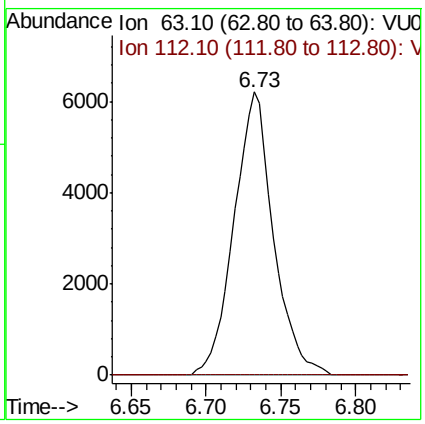


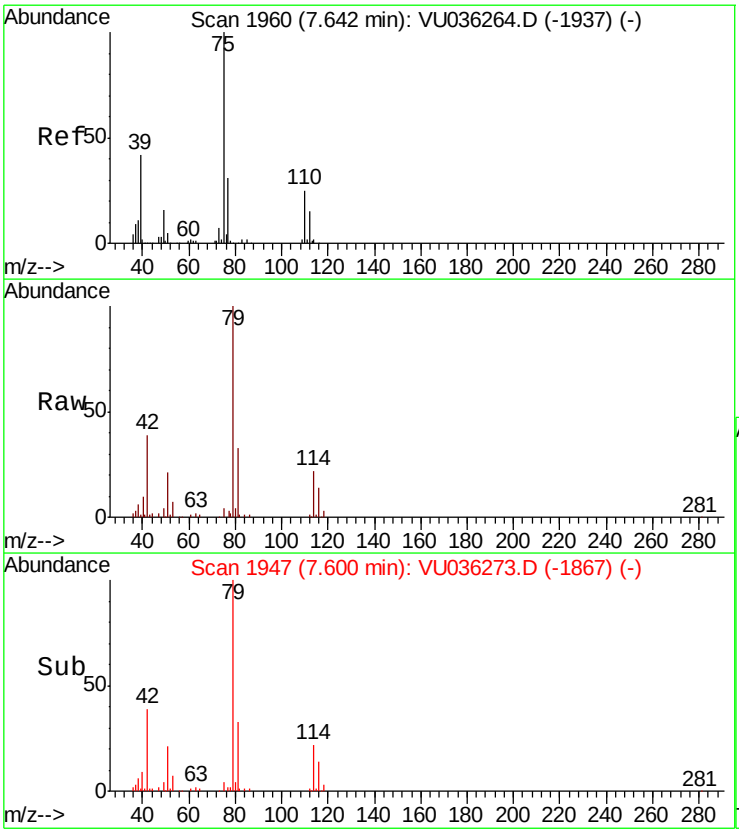


#37
1,2-Dichloropropane
Concen: 0.525 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036273.D
Acq: 18 Dec 2019 15:13

Tgt Ion: 63 Resp: 11368

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

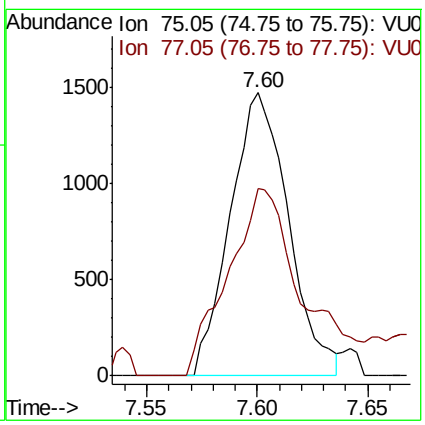


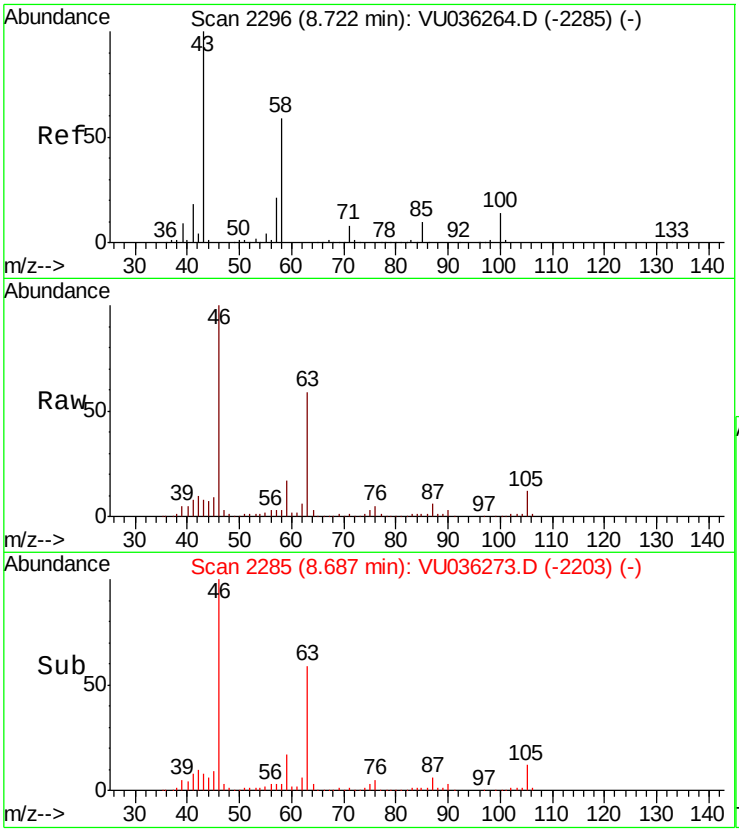


#39
cis-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036273.D
Acq: 18 Dec 2019 15:13

Tgt Ion: 75 Resp: 2693

Ion	Ratio	Lower	Upper
75	100		
77	66.3	22.7	42.1#

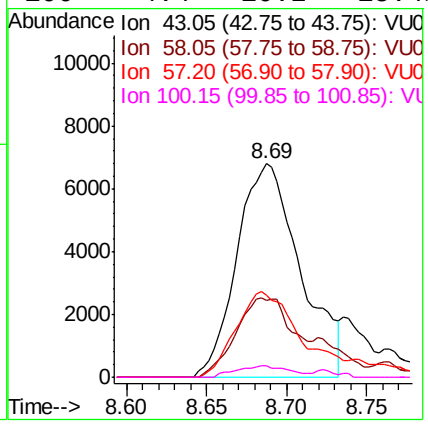


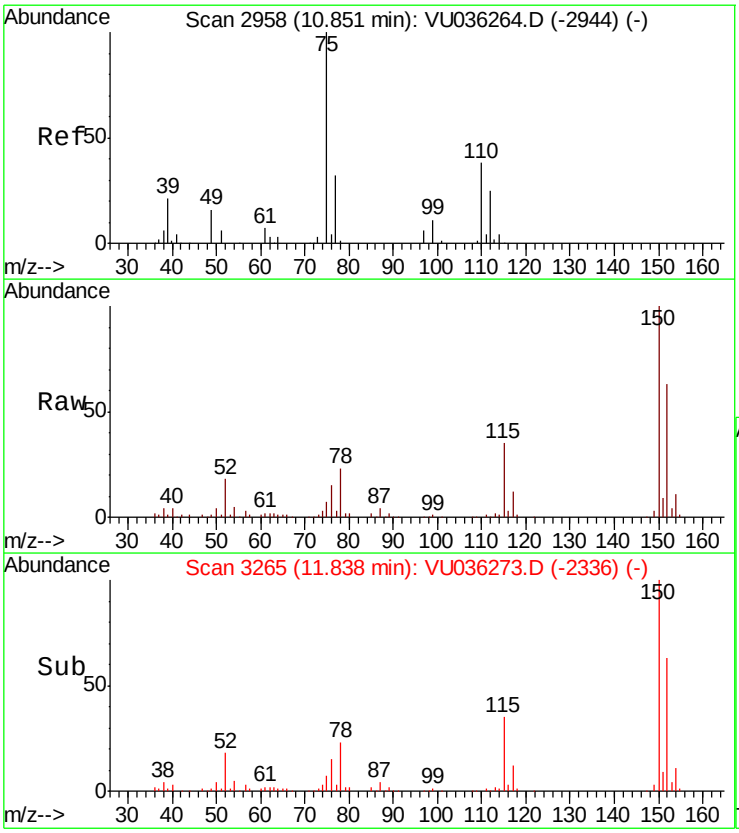


#48
2-Hexanone
Concen: 2.199 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. -0.04 min
Lab File: VU036273.D
Acq: 18 Dec 2019 15:13

Tgt Ion: 43 Resp: 18577

Ion	Ratio	Lower	Upper
43	100		
58	34.0	46.2	69.2#
57	40.6	16.2	24.4#
100	4.4	10.2	15.4#





#59
1,2,3-Trichloropropane
Concen: 0.640 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.99 min
Lab File: VU036273.D
Acq: 18 Dec 2019 15:13

Tgt Ion: 75 Resp: 9207

Ion	Ratio	Lower	Upper
75	100		
77	40.7	27.2	40.8