Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035373.D
Acq On : 22 Oct 2019 19:13
Operator : JC/SP
Sample : K5461-19DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 23 08:05:49 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	268456	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	272056	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	89622	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	98911	6.04	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 120.80%			
7) Chloroethane-d5	1.93	69	90256	6.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 120.60%			
11) 1,1-Dichloroethene-d2	2.59	63	128554	4.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.00%			
20) 2-Butanone-d5	4.70	46	252219	53.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.24%			
24) Chloroform-d	5.11	84	167227	5.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.80%			
26) 1,2-Dichloroethane-d4	5.75	65	93651	5.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.00%			
32) Benzene-d6	5.77	84	331349	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.60%			
36) 1,2-Dichloropropane-d6	6.74	67	112575	5.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 114.00%			
41) Toluene-d8	7.93	98	279568	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
43) trans-1,3-Dichloropropene-	8.22	79	39532	4.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.40%			
46) 2-Hexanone-d5	8.69	63	182195	43.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.18%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	90987	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.40%			
64) 1,2-Dichlorobenzene-d4	12.23	152	87040	5.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	13737	0.590	ug/L #	43
12) 1,1-Dichloroethene	2.60	96	1394	0.081	ug/L #	1
16) Methylene chloride	3.08	84	4049	0.195	ug/L	90
18) trans-1,2-Dichloroethene	3.39	96	8411	0.452	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	268851	13.068	ug/L	98
25) Chloroform	5.14	83	7839	0.212	ug/L	83
34) Trichloroethene	6.58	95	4447	0.207	ug/L	95
35) Methylcyclohexane	6.74	83	25622	0.712	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	11965	0.589	ug/L #	86
48) 2-Hexanone	8.69	43	29593	3.076	ug/L #	62
59) 1,2,3-Trichloropropane	11.84	75	10388	0.734	ug/L #	82

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

Quantitation Report (Not Reviewed)

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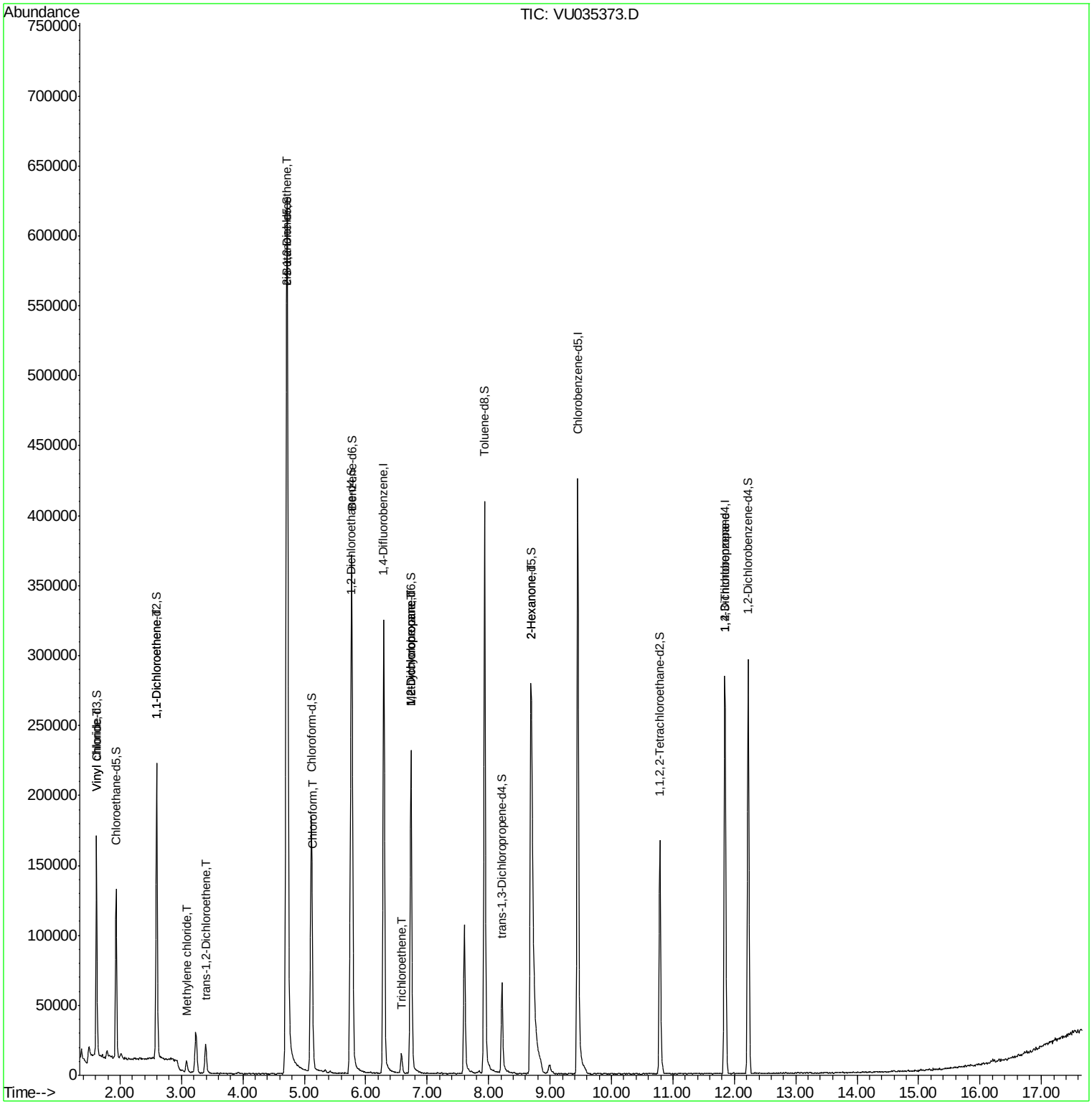
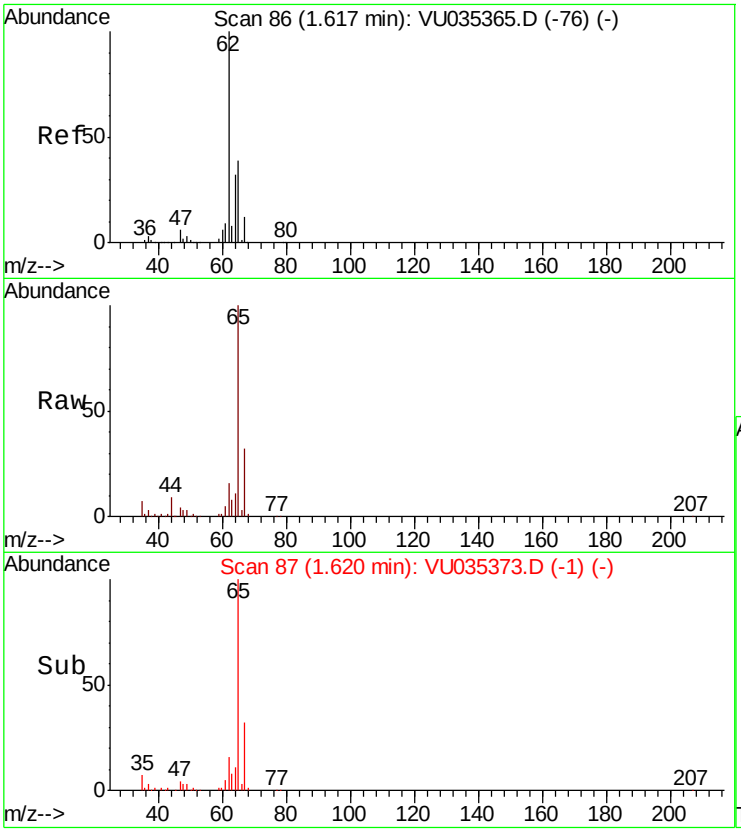
Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 23 08:05:49 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



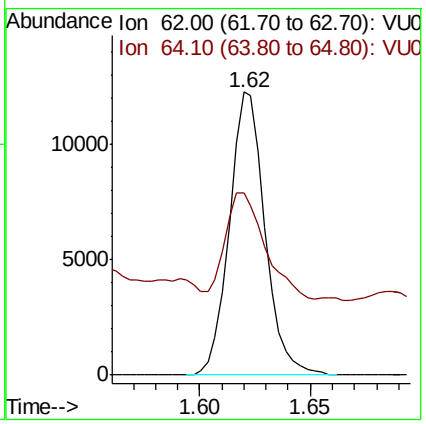


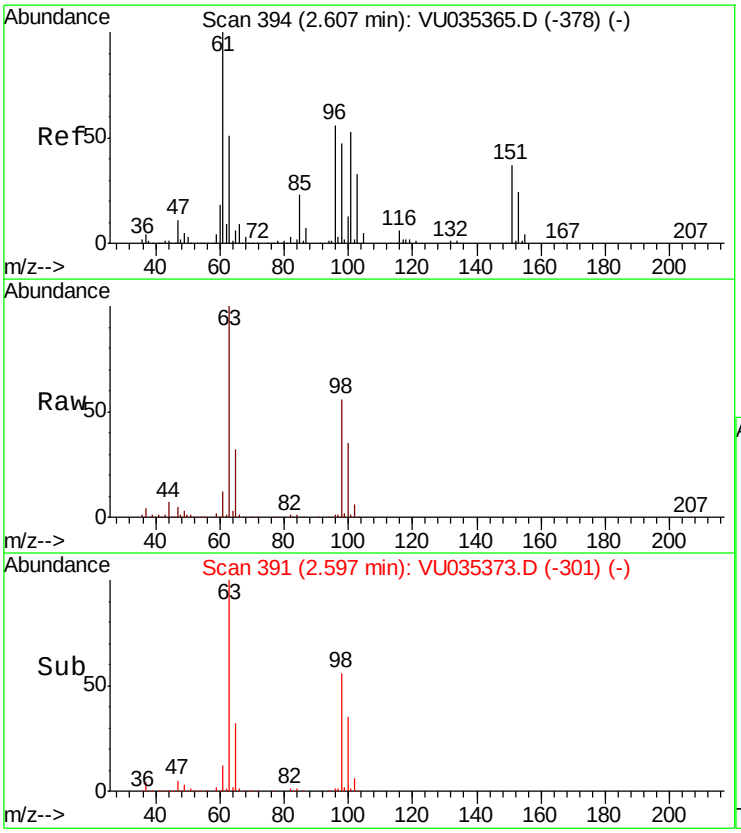
#5
Vinyl chloride
Concen: 0.590 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VU035373.D
Acq: 22 Oct 2019 19:13

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 13737

Ion	Ratio	Lower	Upper
62	100		
64	64.5	22.9	42.5#

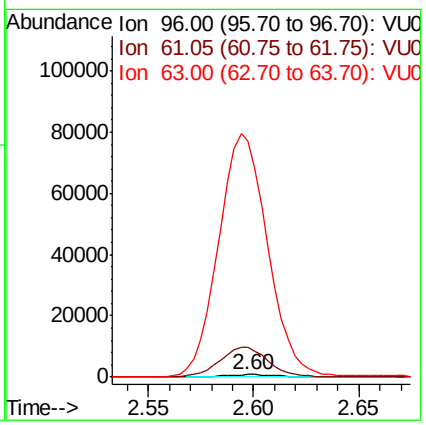


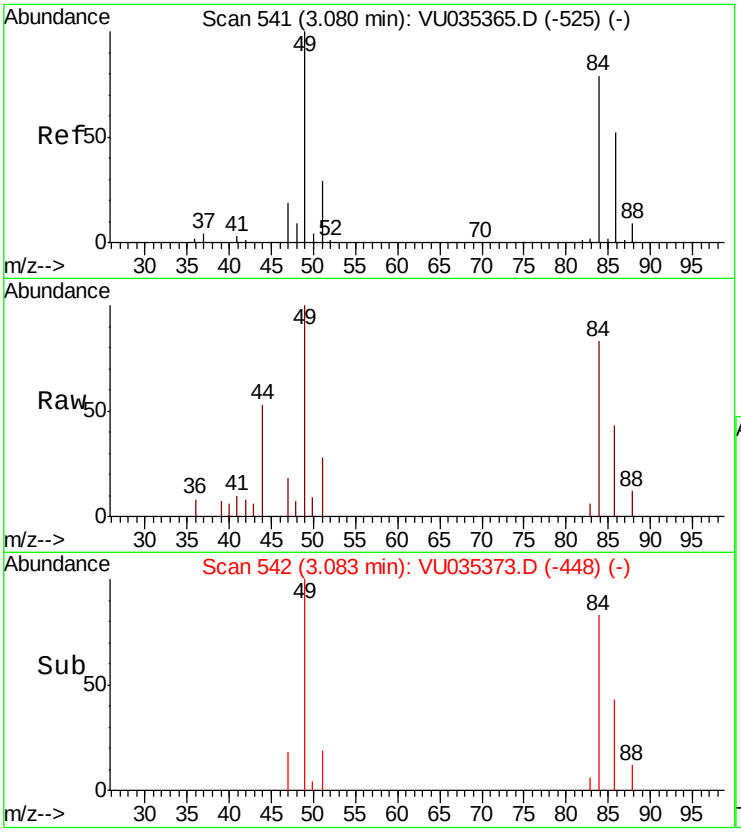


#12
1,1-Dichloroethene
Concen: 0.081 ug/L
RT: 2.60 min Scan# 391
Delta R.T. -0.01 min
Lab File: VU035373.D
Acq: 22 Oct 2019 19:13

Tgt Ion: 96 Resp: 1394

Ion	Ratio	Lower	Upper
96	100		
61	1182.4	120.6	224.0#
63	9560.4	86.8	161.2#



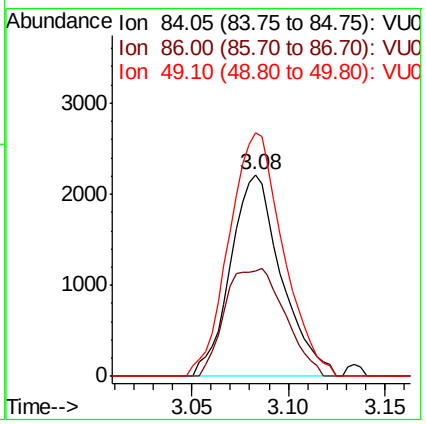


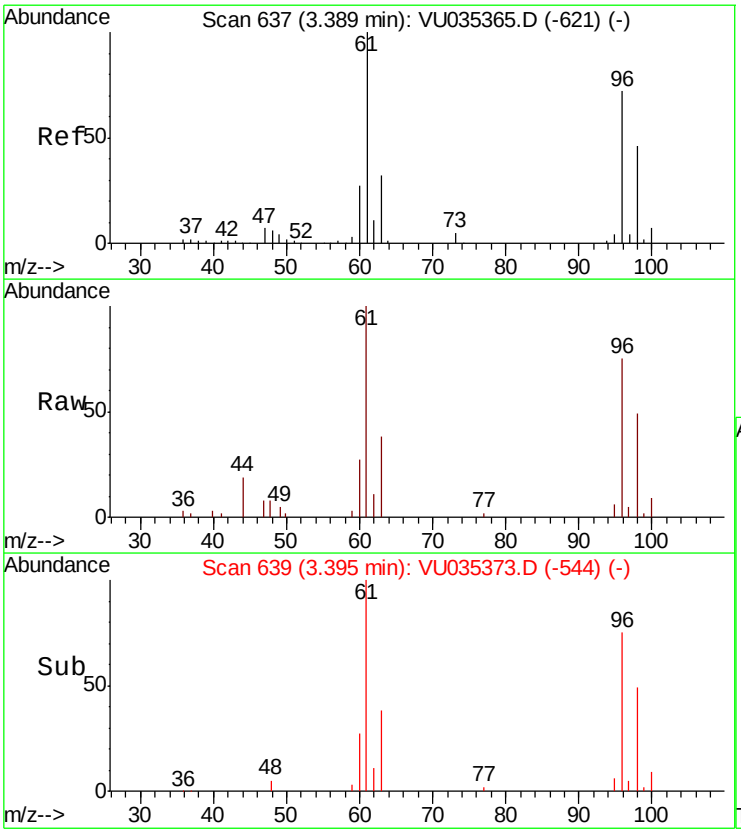
#16
Methylene chloride
Concen: 0.195 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035373.D
Acq: 22 Oct 2019 19:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 4049

Ion	Ratio	Lower	Upper
84	100		
86	51.9	45.4	84.2
49	130.8	86.8	161.2

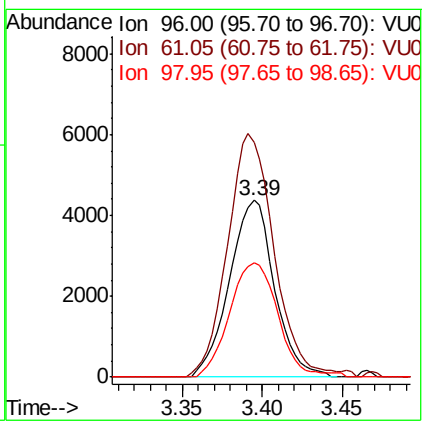


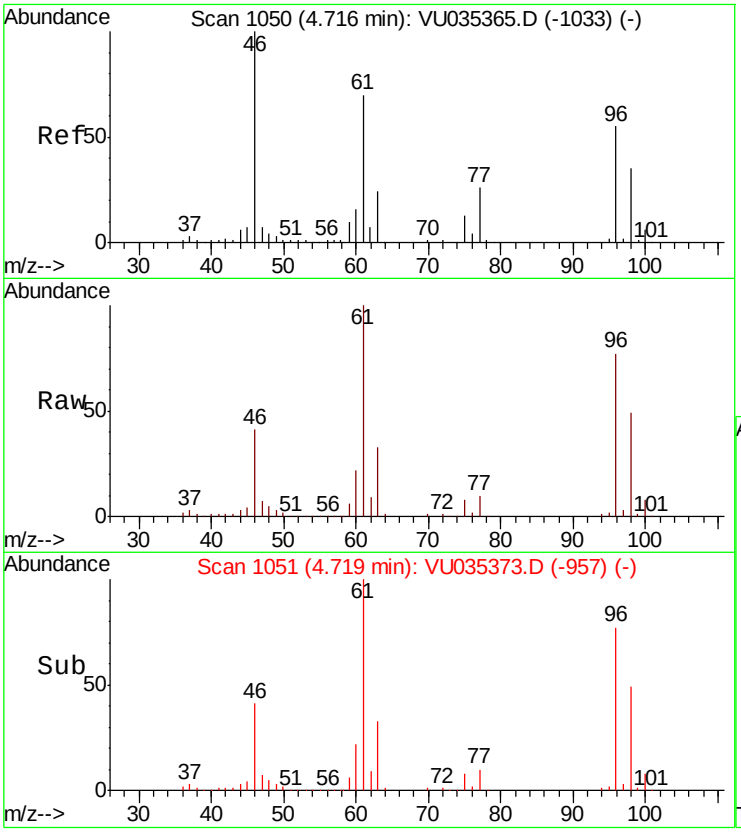


#18
trans-1,2-Dichloroethene
Concen: 0.452 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.01 min
Lab File: VU035373.D
Acq: 22 Oct 2019 19:13

Tgt Ion: 96 Resp: 8411

Ion	Ratio	Lower	Upper
96	100		
61	133.3	93.0	172.6
98	64.7	43.7	81.1



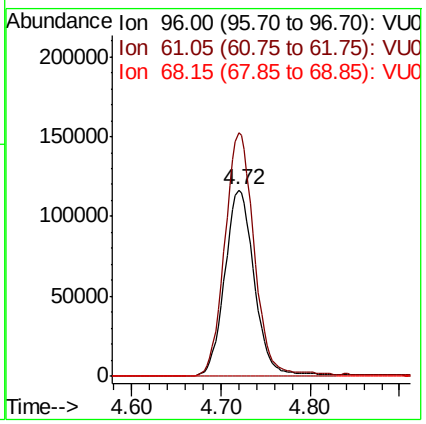


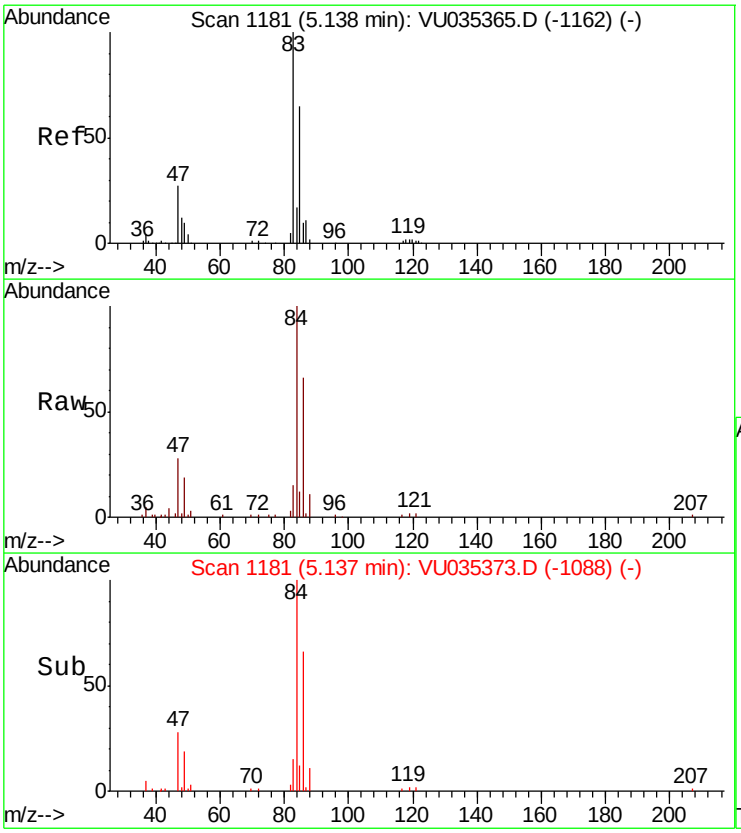
#22
cis-1,2-Dichloroethene
Concen: 13.068 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035373.D
Acq: 22 Oct 2019 19:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 268851

Ion	Ratio	Lower	Upper
96	100		
61	130.5	89.7	166.5
68	0.0	0.0	0.0

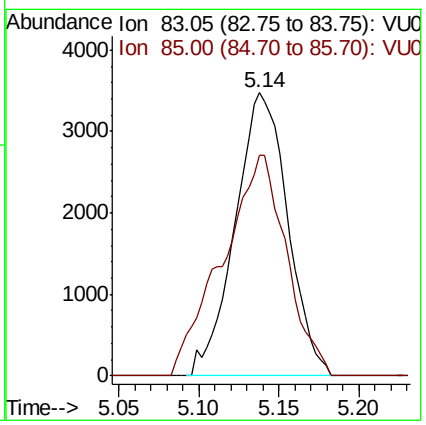


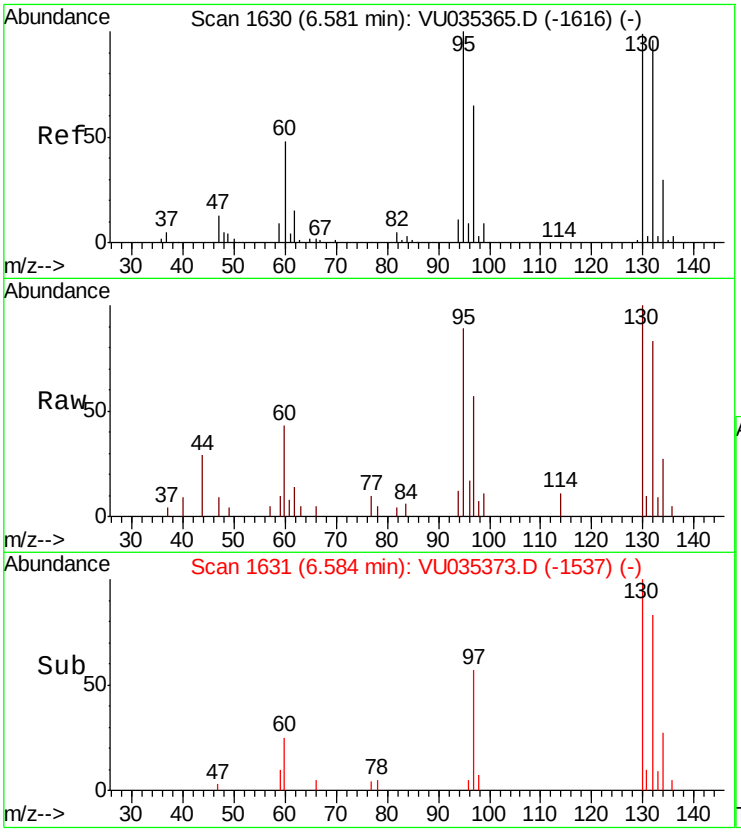


#25
Chloroform
Concen: 0.212 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035373.D
Acq: 22 Oct 2019 19:13

Tgt Ion: 83 Resp: 7839

Ion	Ratio	Lower	Upper
83	100		
85	77.7	45.1	83.9



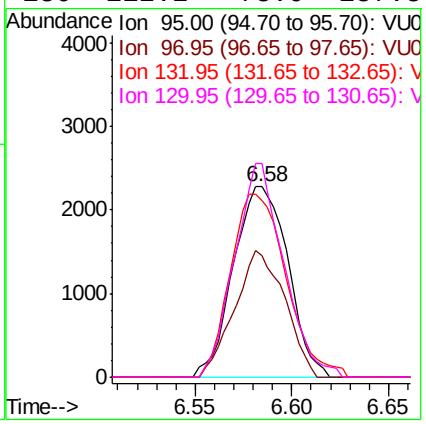


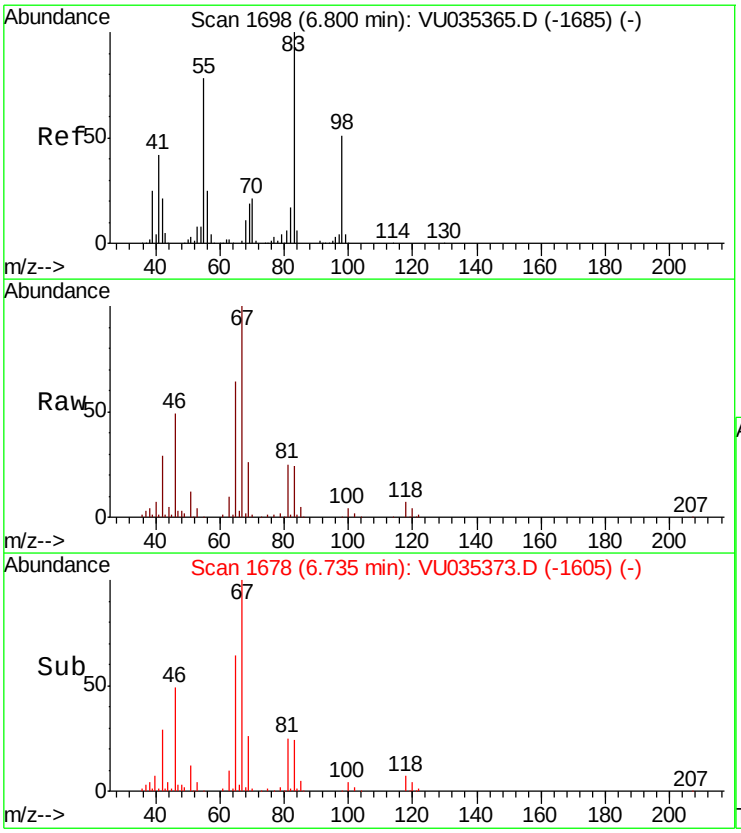
#34
Trichloroethene
Concen: 0.207 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035373.D
Acq: 22 Oct 2019 19:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 4447

Ion	Ratio	Lower	Upper
95	100		
97	63.7	46.6	86.6
132	92.7	68.7	127.7
130	112.2	73.9	137.3

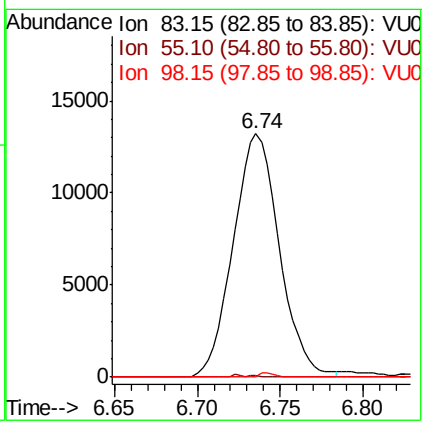


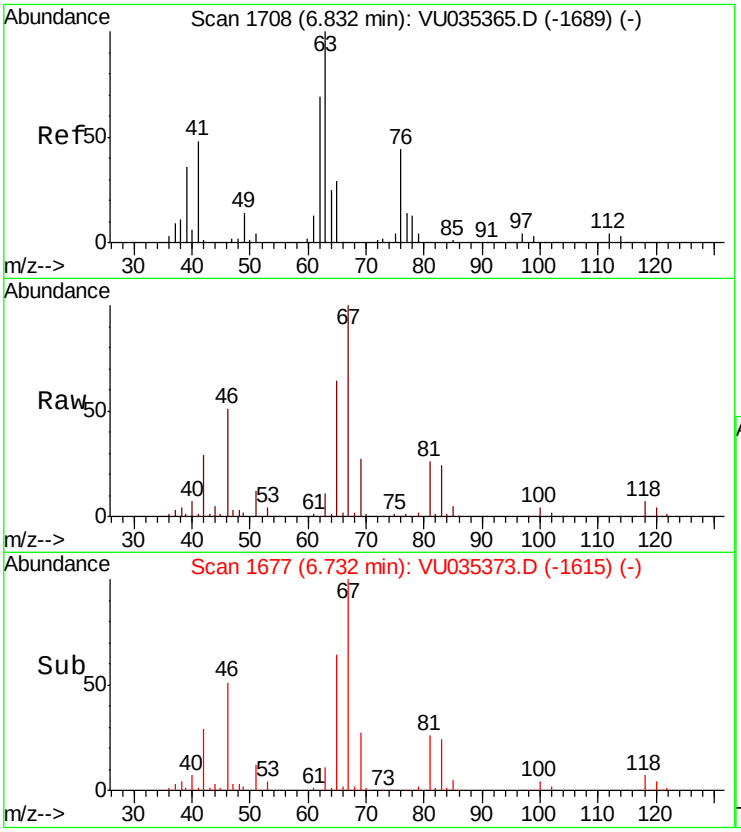


#35
Methylcyclohexane
Concen: 0.712 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035373.D
Acq: 22 Oct 2019 19:13

Tgt Ion: 83 Resp: 25622

Ion	Ratio	Lower	Upper
83	100		
55	0.2	60.4	90.6#
98	0.5	39.5	59.3#



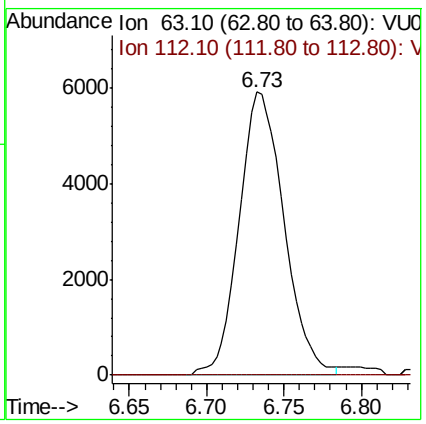


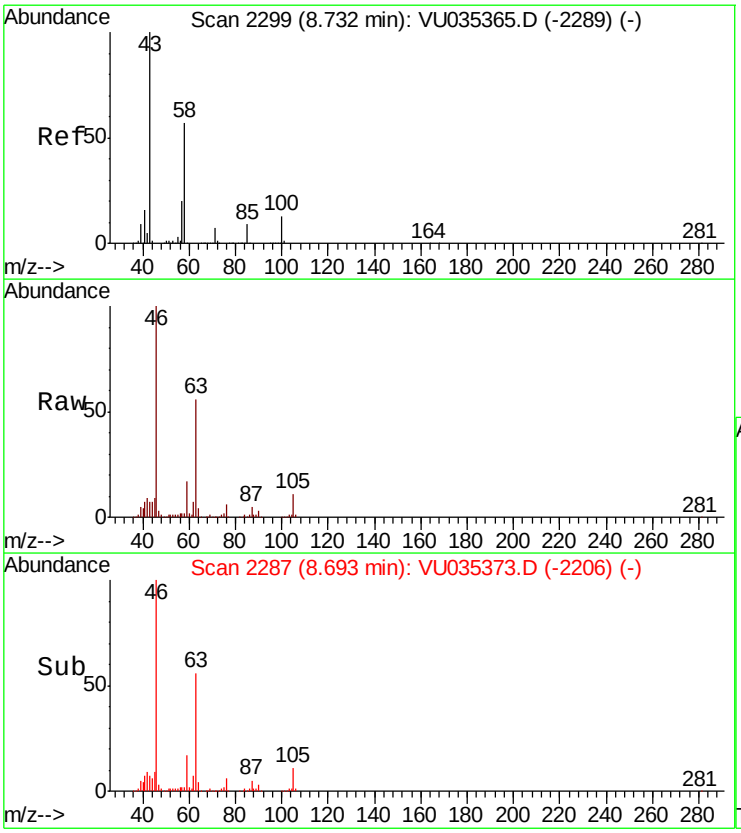
#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035373.D
Acq: 22 Oct 2019 19:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 11965

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

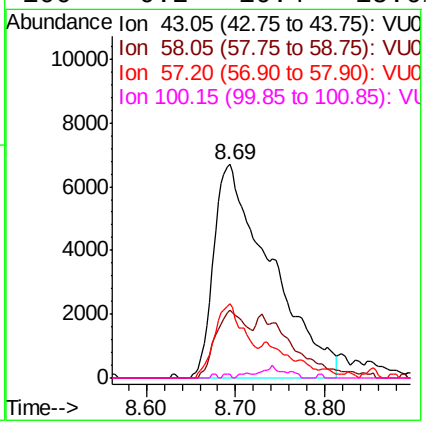


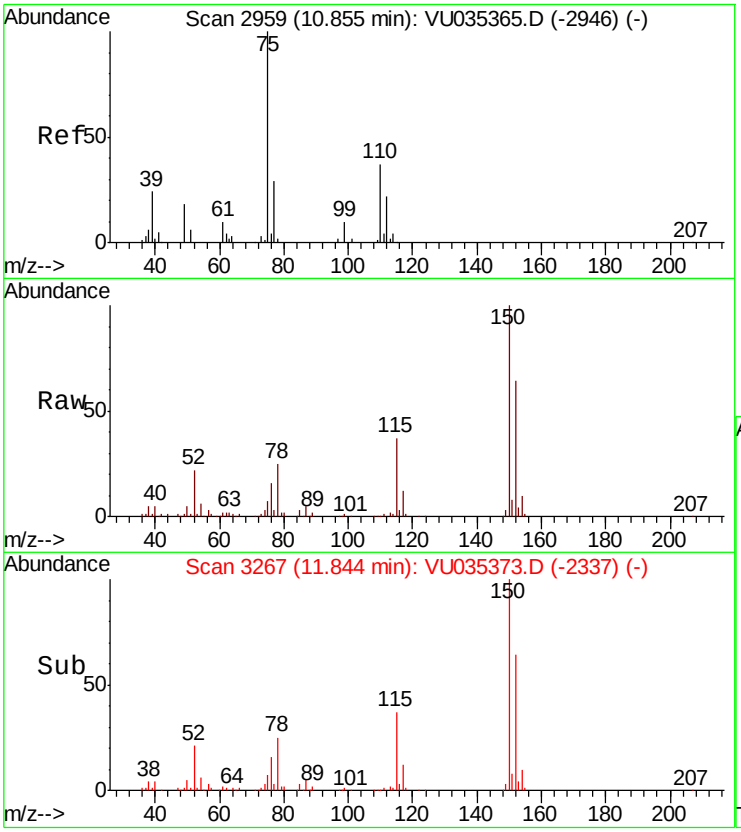


#48
2-Hexanone
Concen: 3.076 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. -0.04 min
Lab File: VU035373.D
Acq: 22 Oct 2019 19:13

Tgt Ion: 43 Resp: 29593

Ion	Ratio	Lower	Upper
43	100		
58	17.7	45.1	67.7#
57	19.1	16.0	24.0
100	0.2	10.4	15.6#





#59
1,2,3-Trichloropropane
Concen: 0.734 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035373.D
Acq: 22 Oct 2019 19:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 10388

Ion	Ratio	Lower	Upper
75	100		
77	42.6	26.2	39.2#