Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101719\

Quantitation Report (Not Reviewed)

Data File : VU035243.D
Acq On : 18 Oct 2019 04:53
Operator : JC/SP
Sample : K5419-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FY8

Quant Time: Oct 18 05:42:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 05:36:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	342576	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	331387	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	124196	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	110107	5.27	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.40%			
7) Chloroethane-d5	1.93	69	98805	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.40%			
11) 1,1-Dichloroethene-d2	2.60	63	153623	3.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.60%			
20) 2-Butanone-d5	4.71	46	294490	49.06	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.12%			
24) Chloroform-d	5.11	84	183169	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.75	65	114730	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.40%			
32) Benzene-d6	5.77	84	408965	5.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.00%			
36) 1,2-Dichloropropane-d6	6.74	67	131513	5.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.20%			
41) Toluene-d8	7.93	98	385538	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.40%			
43) trans-1,3-Dichloropropene-	8.22	79	53839	4.61	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.20%			
46) 2-Hexanone-d5	8.70	63	253937	49.31	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.62%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	107356	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
64) 1,2-Dichlorobenzene-d4	12.23	152	120393	5.32	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.40%			

Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	140809	4.741	ug/L	99
12) 1,1-Dichloroethene	2.61	96	7252	0.330	ug/L #	1
18) trans-1,2-Dichloroethene	3.39	96	409983	17.261	ug/L	97
19) 1,1-Dichloroethane	3.92	63	4335	0.101	ug/L	95
21) 2-Butanone	4.88	43	42619	6.262	ug/L #	49
22) cis-1,2-Dichloroethene	4.72	96	792528	30.189	ug/L	100
25) Chloroform	5.14	83	22235	0.472	ug/L	98
34) Trichloroethene	6.58	95	479439	18.290	ug/L	98
35) Methylcyclohexane	6.74	83	31610	0.722	ug/L #	20
37) 1,2-Dichloropropane	6.74	63	14801	0.598	ug/L #	86
47) Tetrachloroethene	8.59	164	13103	0.600	ug/L	89
48) 2-Hexanone	8.70	43	24516	2.092	ug/L #	62
49) Dibromochloromethane	8.59	129	11252	0.483	ug/L #	11
59) 1,2,3-Trichloropropane	11.85	75	15277	0.886	ug/L	91

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101719\

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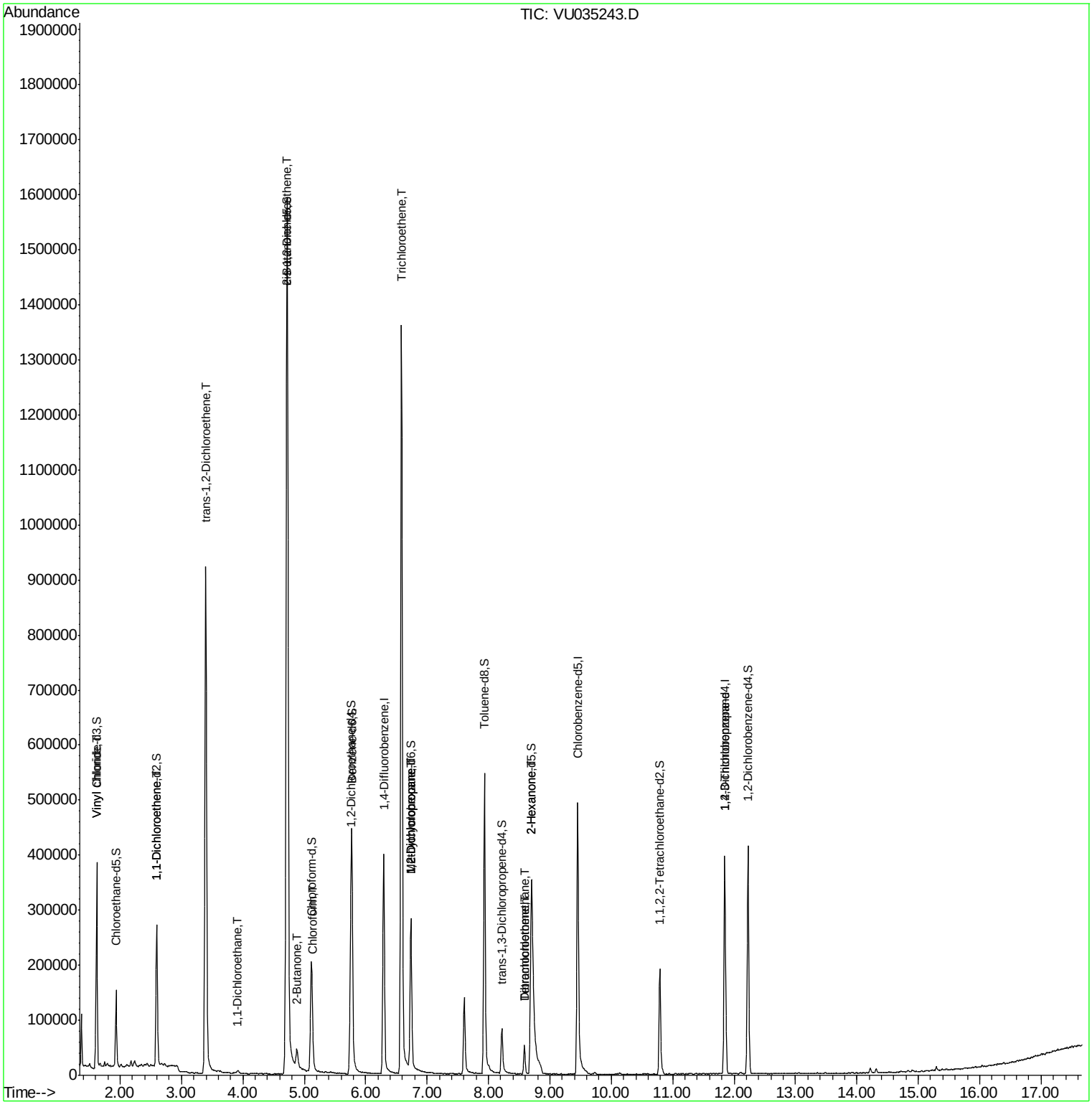
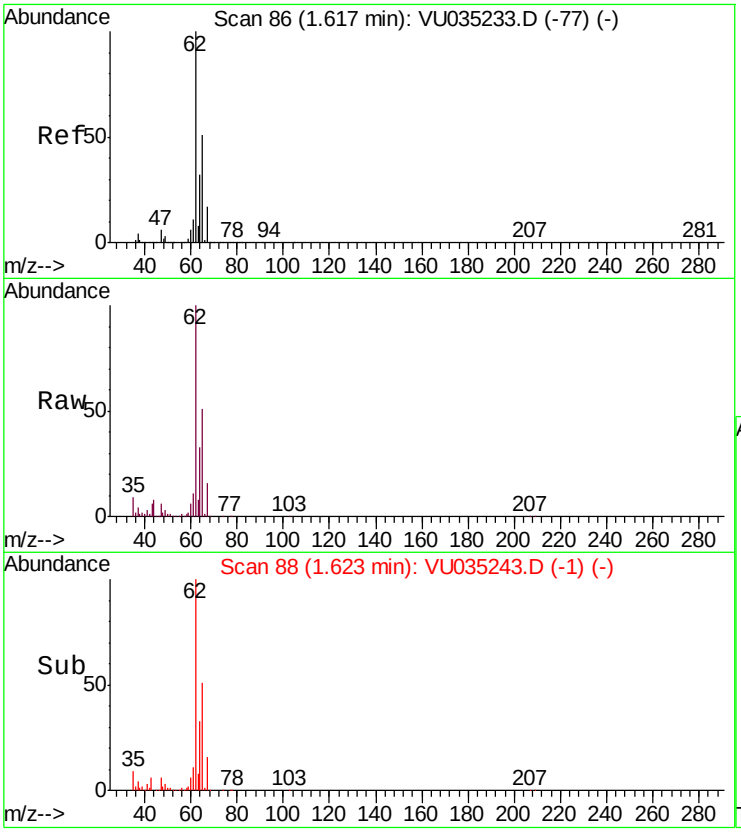
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 05:36:44 2019
Response via : Initial Calibration



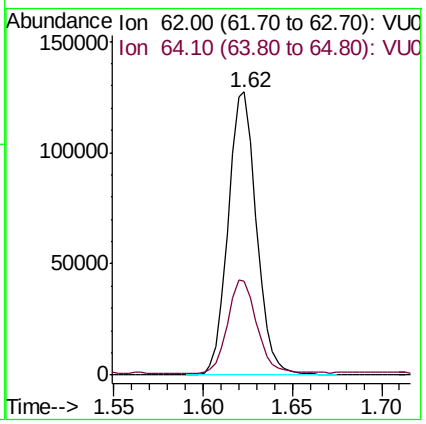


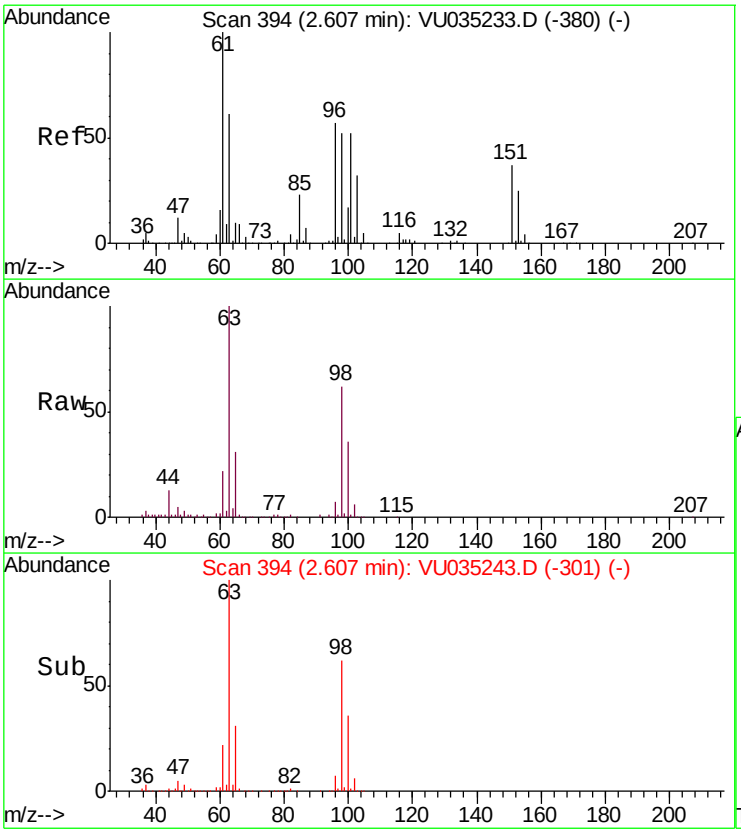
#5
Vinyl chloride
Concen: 4.741 ug/L
RT: 1.62 min Scan# 88
Delta R.T. 0.01 min
Lab File: VU035243.D
Acq: 18 Oct 2019 04:53

Instrument : MSVOA_U
ClientSampleId : H0FY8

Tgt Ion: 62 Resp: 140809

Ion	Ratio	Lower	Upper
62	100		
64	33.4	22.9	42.5

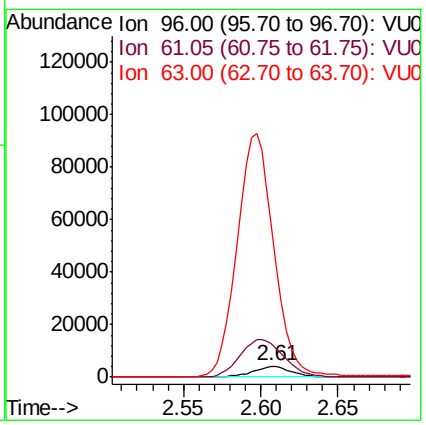


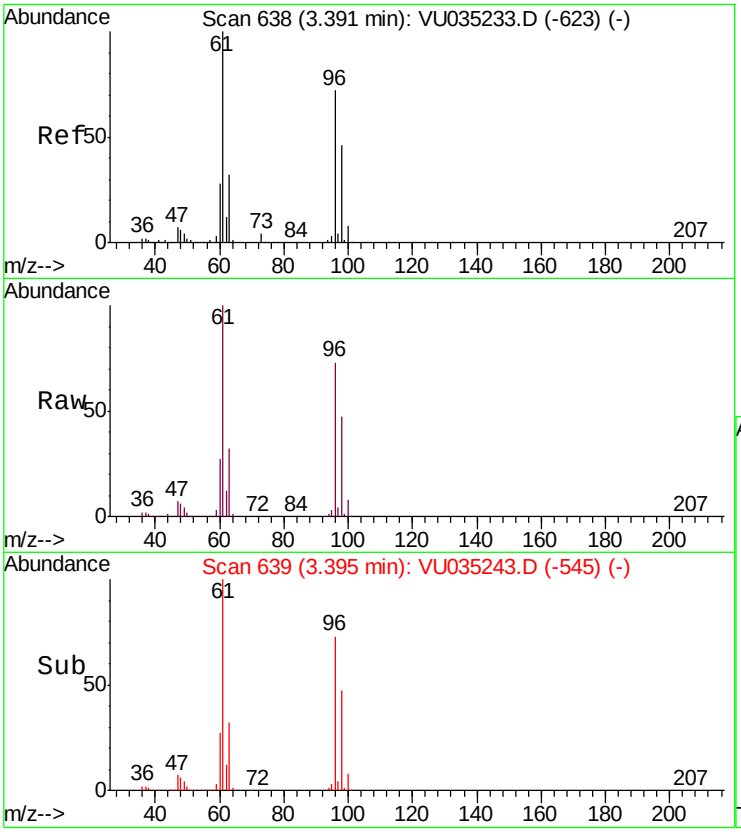


#12
1,1-Dichloroethene
Concen: 0.330 ug/L
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU035243.D
Acq: 18 Oct 2019 04:53

Tgt Ion: 96 Resp: 7252

Ion	Ratio	Lower	Upper
96	100		
61	313.7	120.6	224.0#
63	1448.4	86.8	161.2#



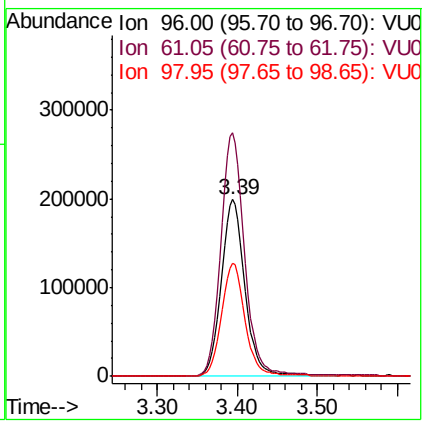


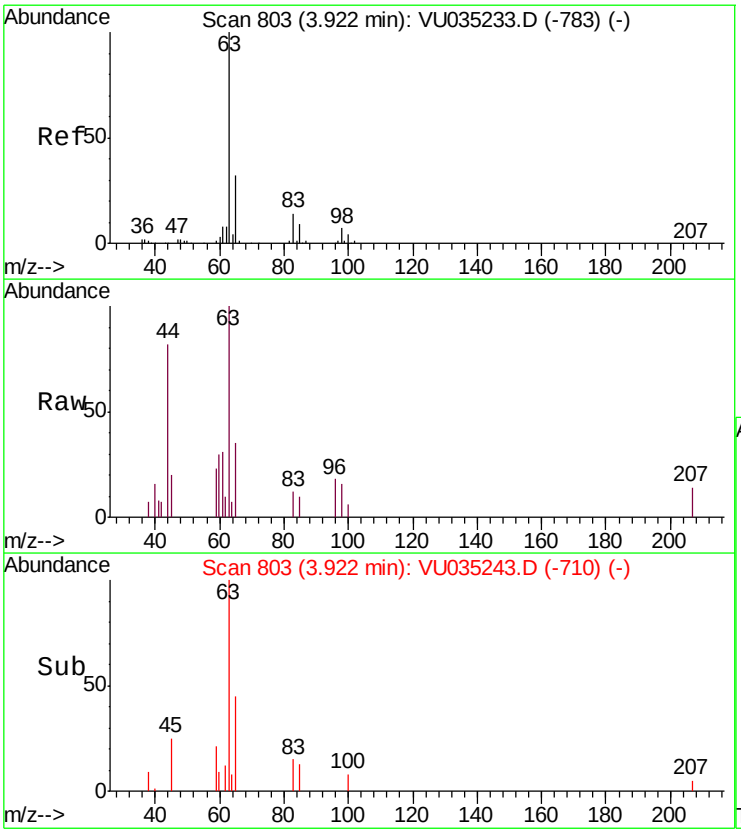
#18
trans-1,2-Dichloroethene
Concen: 17.261 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU035243.D
Acq: 18 Oct 2019 04:53

Instrument : MSVOA_U
ClientSampleId : H0FY8

Tgt Ion: 96 Resp: 409983

Ion	Ratio	Lower	Upper
96	100		
61	137.5	93.0	172.6
98	64.0	43.7	81.1

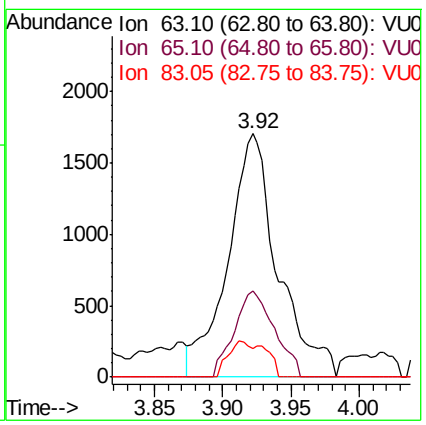


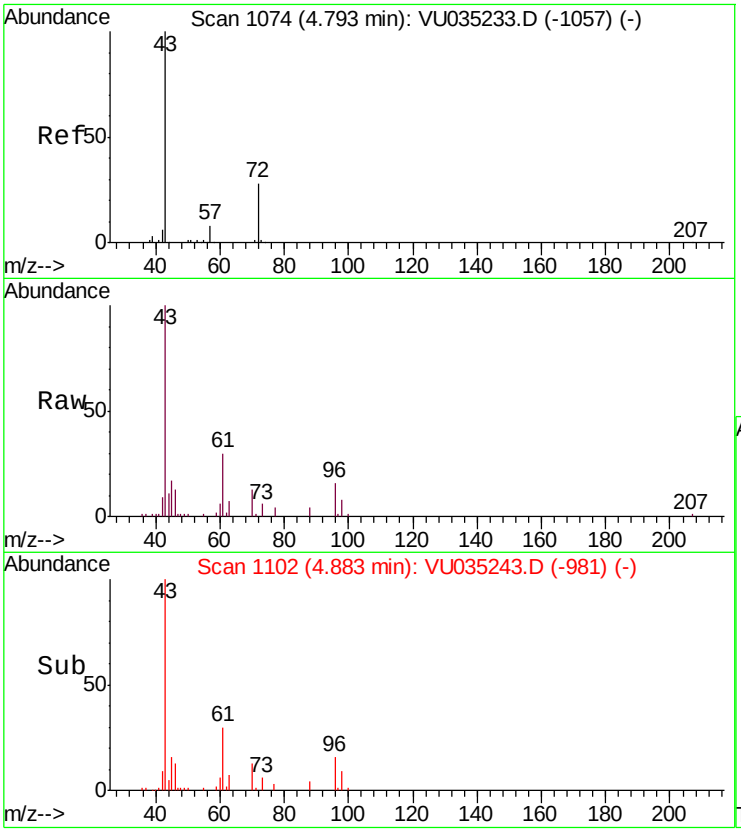


#19
1,1-Dichloroethane
Concen: 0.101 ug/L
RT: 3.92 min Scan# 803
Delta R.T. -0.00 min
Lab File: VU035243.D
Acq: 18 Oct 2019 04:53

Tgt Ion: 63 Resp: 4335

Ion	Ratio	Lower	Upper
63	100		
65	35.2	22.4	41.6
83	11.9	9.3	17.3



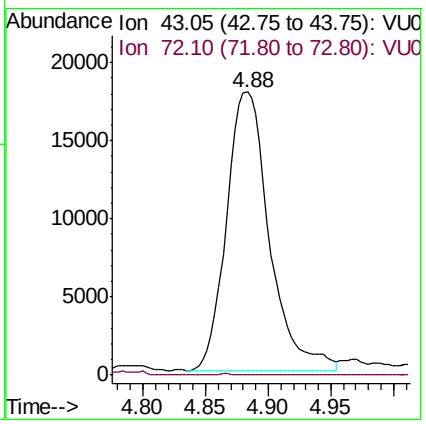


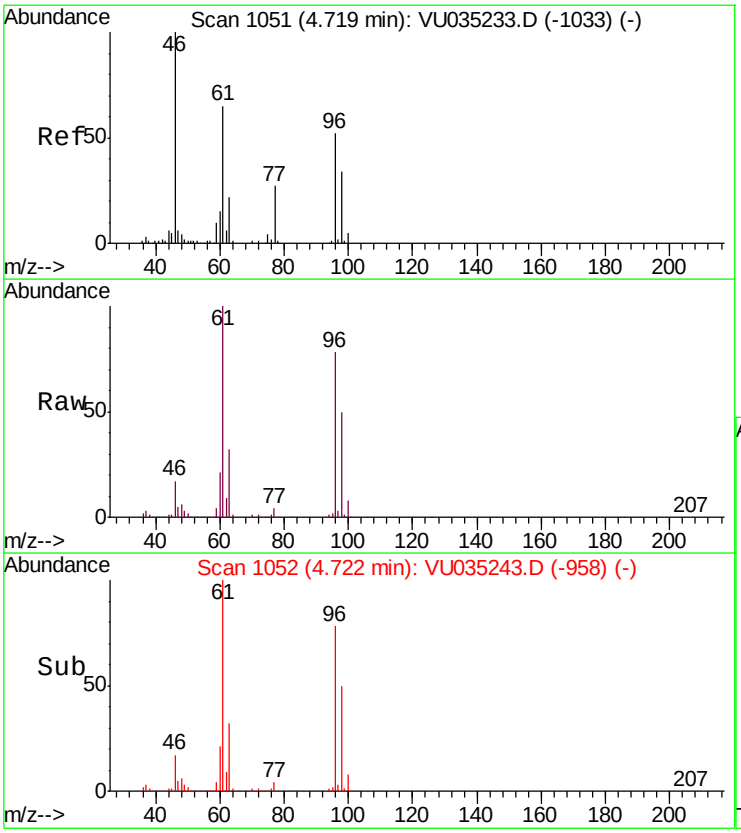
#21
2-Butanone
Concen: 6.262 ug/L
RT: 4.88 min Scan# 1102
Delta R.T. 0.09 min
Lab File: VU035243.D
Acq: 18 Oct 2019 04:53

Instrument : MSVOA_U
ClientSampleId : H0FY8

Tgt Ion: 43 Resp: 42619

Ion	Ratio	Lower	Upper
43	100		
72	0.9	13.6	40.8#

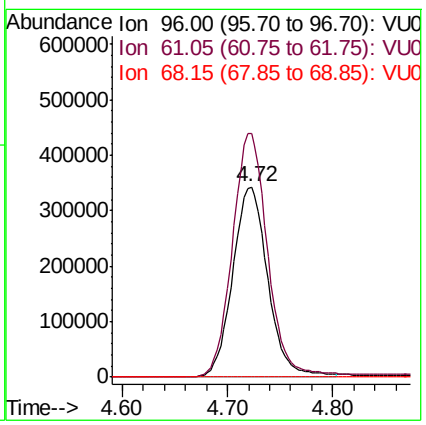


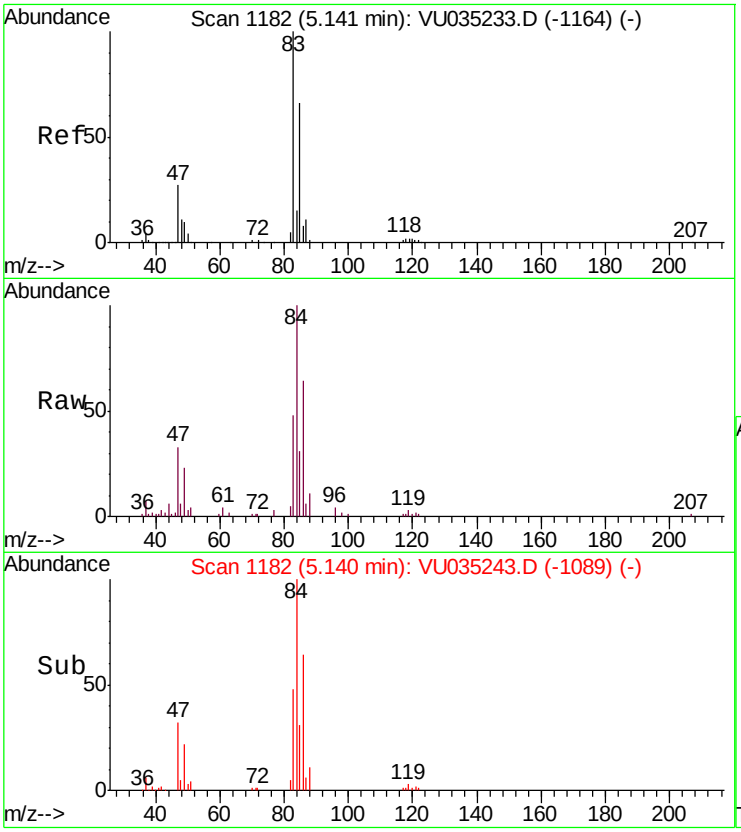


#22
cis-1,2-Dichloroethene
Concen: 30.189 ug/L
RT: 4.72 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VU035243.D
Acq: 18 Oct 2019 04:53

Tgt Ion: 96 Resp: 792528

Ion	Ratio	Lower	Upper
96	100		
61	128.2	89.7	166.5
68	0.0	0.0	0.0



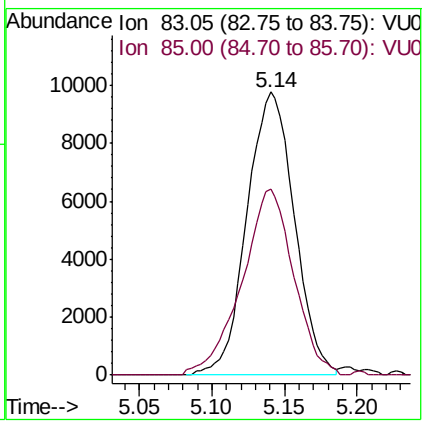


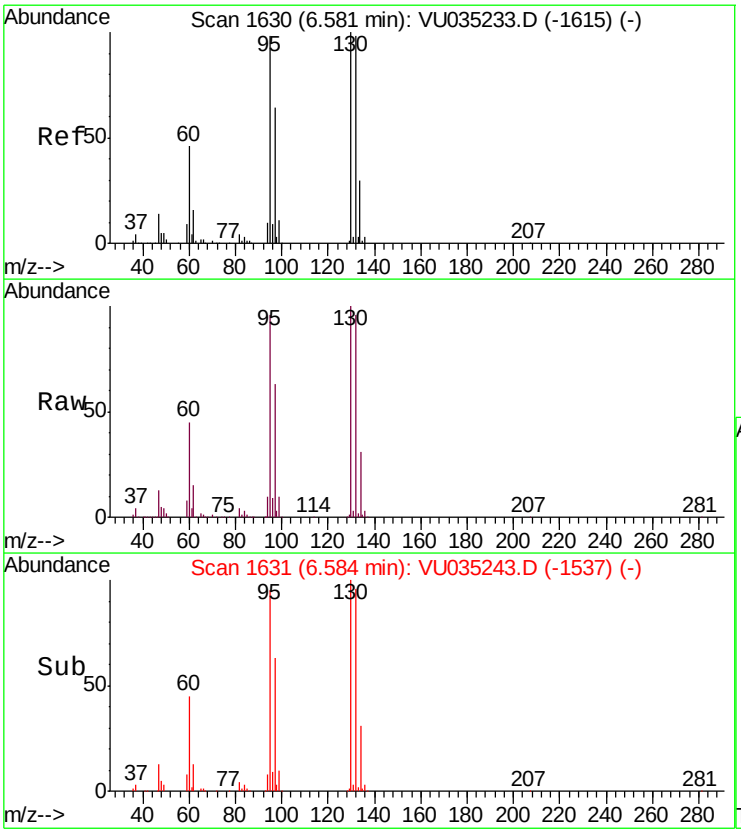
#25
Chloroform
Concen: 0.472 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VU035243.D
Acq: 18 Oct 2019 04:53

Instrument :
MSVOA_U
ClientSampleId :
H0FY8

Tgt Ion: 83 Resp: 22235

Ion	Ratio	Lower	Upper
83	100		
85	65.7	45.1	83.9

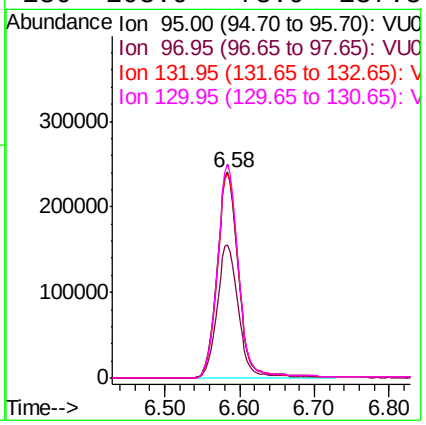


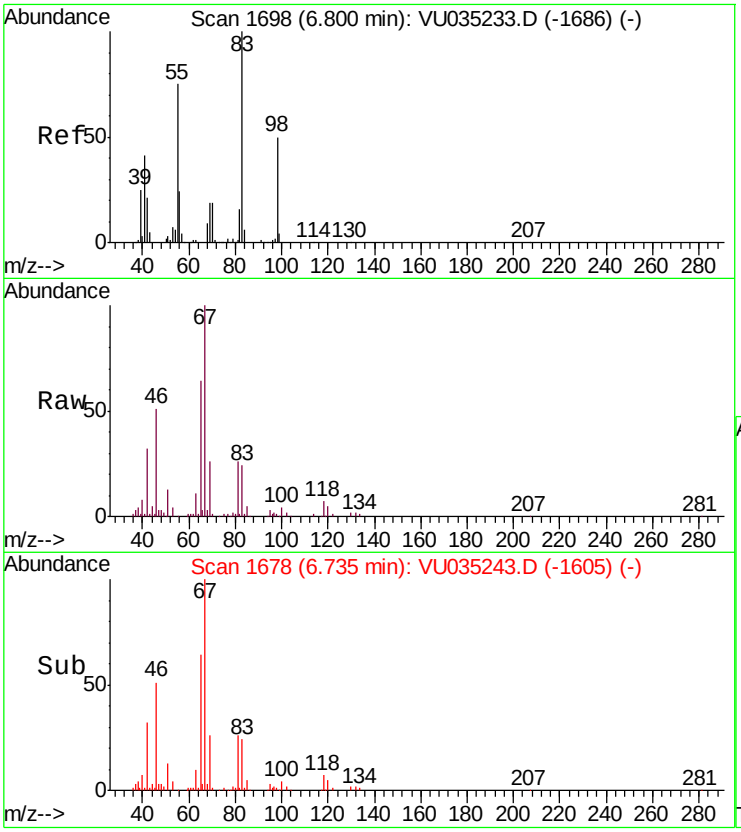


#34
Trichloroethene
Concen: 18.290 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035243.D
Acq: 18 Oct 2019 04:53

Tgt Ion: 95 Resp: 479439

Ion	Ratio	Lower	Upper
95	100		
97	64.9	46.6	86.6
132	99.5	68.7	127.7
130	103.9	73.9	137.3



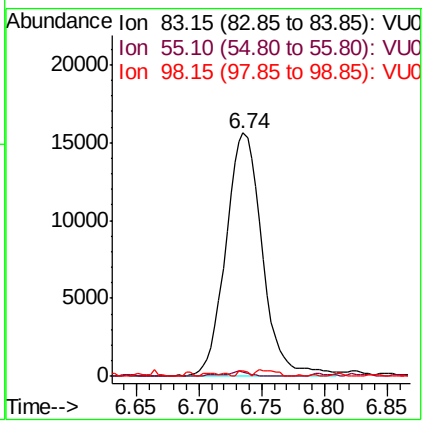


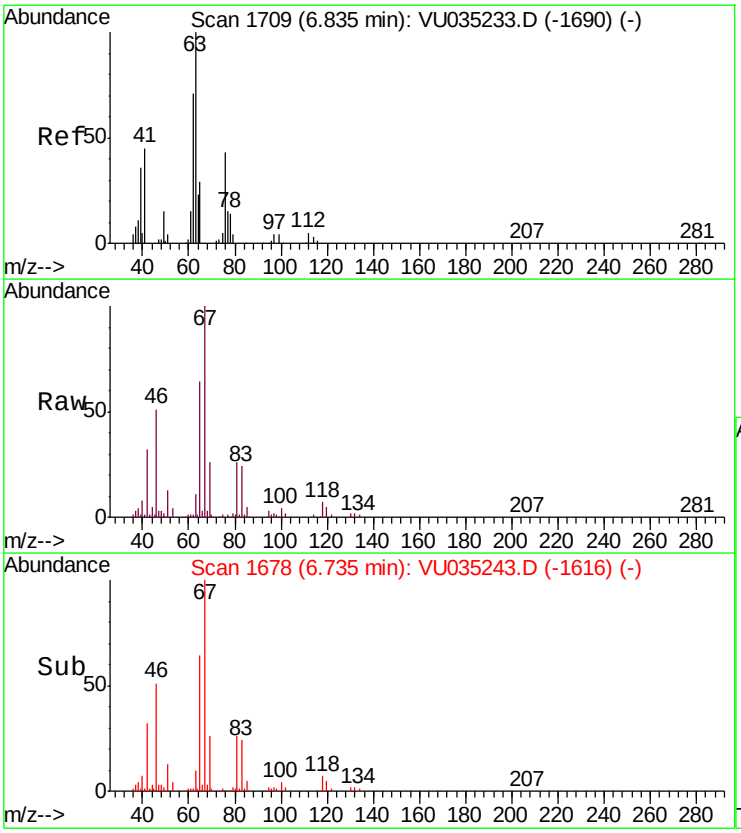
#35
Methylcyclohexane
Concen: 0.722 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035243.D
Acq: 18 Oct 2019 04:53

Instrument : MSVOA_U
ClientSampleId : H0FY8

Tgt Ion: 83 Resp: 31610

Ion	Ratio	Lower	Upper
83	100		
55	1.4	60.4	90.6#
98	1.4	39.5	59.3#

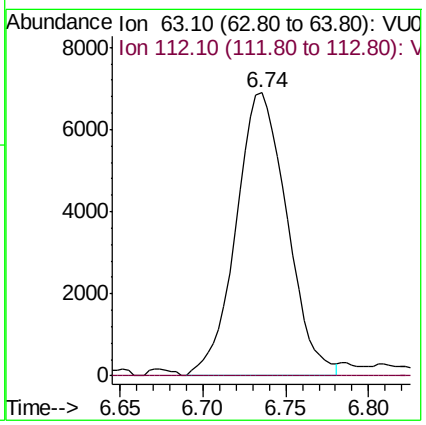


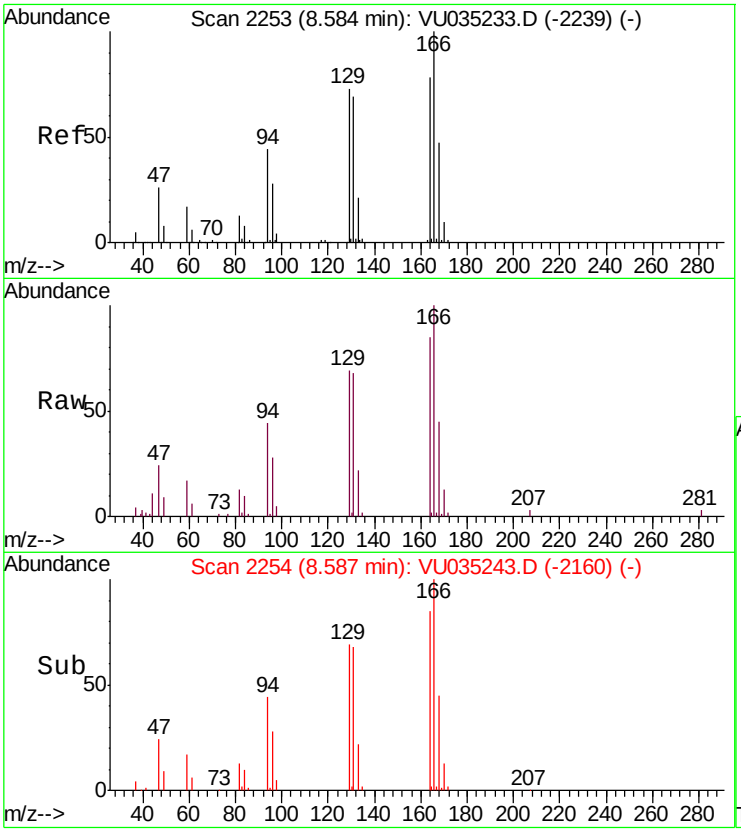


#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035243.D
Acq: 18 Oct 2019 04:53

Tgt Ion: 63 Resp: 14801

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



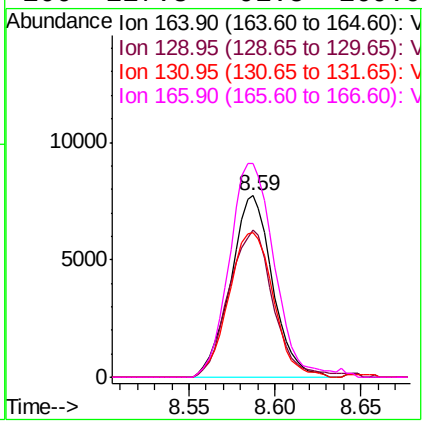


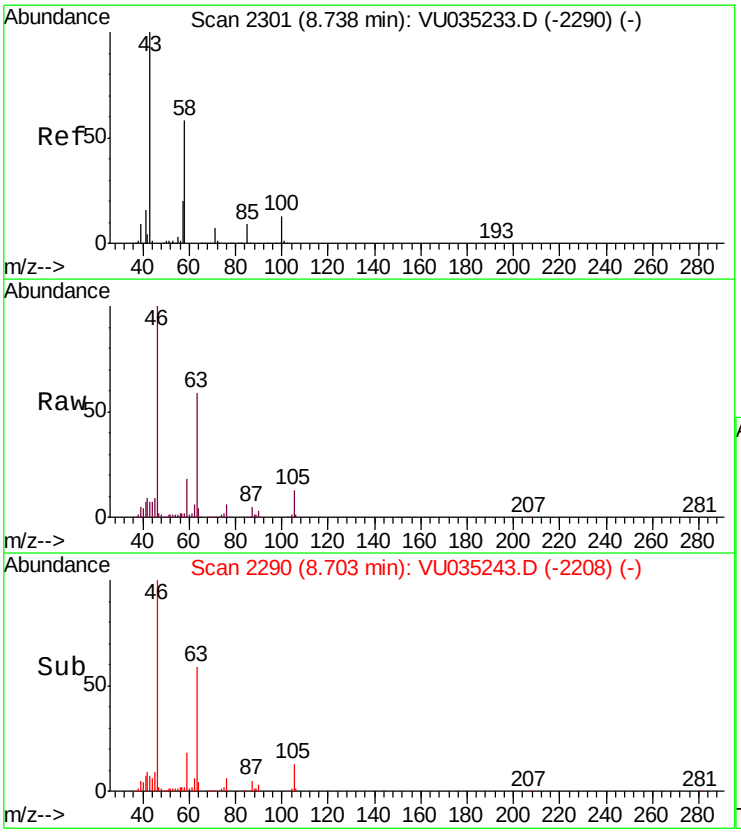
#47
Tetrachloroethene
Concen: 0.600 ug/L
RT: 8.59 min Scan# 2254
Delta R.T. 0.00 min
Lab File: VU035243.D
Acq: 18 Oct 2019 04:53

Instrument : MSVOA_U
ClientSampleId : H0FY8

Tgt Ion:164 Resp: 13103

Ion	Ratio	Lower	Upper
164	100		
129	81.5	65.2	121.0
131	79.9	62.9	116.9
166	117.8	91.5	169.9





#48
2-Hexanone
Concen: 2.092 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.04 min
Lab File: VU035243.D
Acq: 18 Oct 2019 04:53

Tgt Ion: 43 Resp: 24516

Ion	Ratio	Lower	Upper
43	100		
58	18.3	45.1	67.7#
57	20.9	16.0	24.0
100	0.0	10.4	15.6#