Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112719\
Data File : VU035903.D
Acq On : 27 Nov 2019 18:36
Operator : JC/SP
Sample : K5992-11DL 400X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 28 05:02:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 28 04:57:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	230106	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	271915	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	101963	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	128268	4.27	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.40%			
7) Chloroethane-d5	1.93	69	121215	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.20%			
11) 1,1-Dichloroethene-d2	2.59	63	158449	2.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.80%#			
20) 2-Butanone-d5	4.70	46	389538	56.00	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.00%			
24) Chloroform-d	5.11	84	227017	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
26) 1,2-Dichloroethane-d4	5.75	65	130827	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
32) Benzene-d6	5.77	84	431752	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.20%			
36) 1,2-Dichloropropane-d6	6.73	67	153961	4.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.00%			
41) Toluene-d8	7.93	98	334565	3.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.80%#			
43) trans-1,3-Dichloropropene-	8.21	79	52817	3.88	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.60%			
46) 2-Hexanone-d5	8.68	63	280243	51.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.52%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	133130	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	109042	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.60	96	3058	0.128	ug/L #	1
13) Acetone	2.69	43	11325	1.854	ug/L	97
16) Methylene chloride	3.08	84	6016	0.208	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	21808	0.830	ug/L	96
34) Trichloroethene	6.58	95	277698	9.979	ug/L	99
35) Methylcyclohexane	6.74	83	33611	0.823	ug/L #	14
37) 1,2-Dichloropropane	6.73	63	16094	0.500	ug/L #	91
39) cis-1,3-Dichloropropene	7.60	75	3590	0.086	ug/L #	39
59) 1,2,3-Trichloropropane	11.84	75	13583	0.649	ug/L	94
66) 1,2-Dibromo-3-chloropropan	13.00	75	439	0.152	ug/L #	10

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

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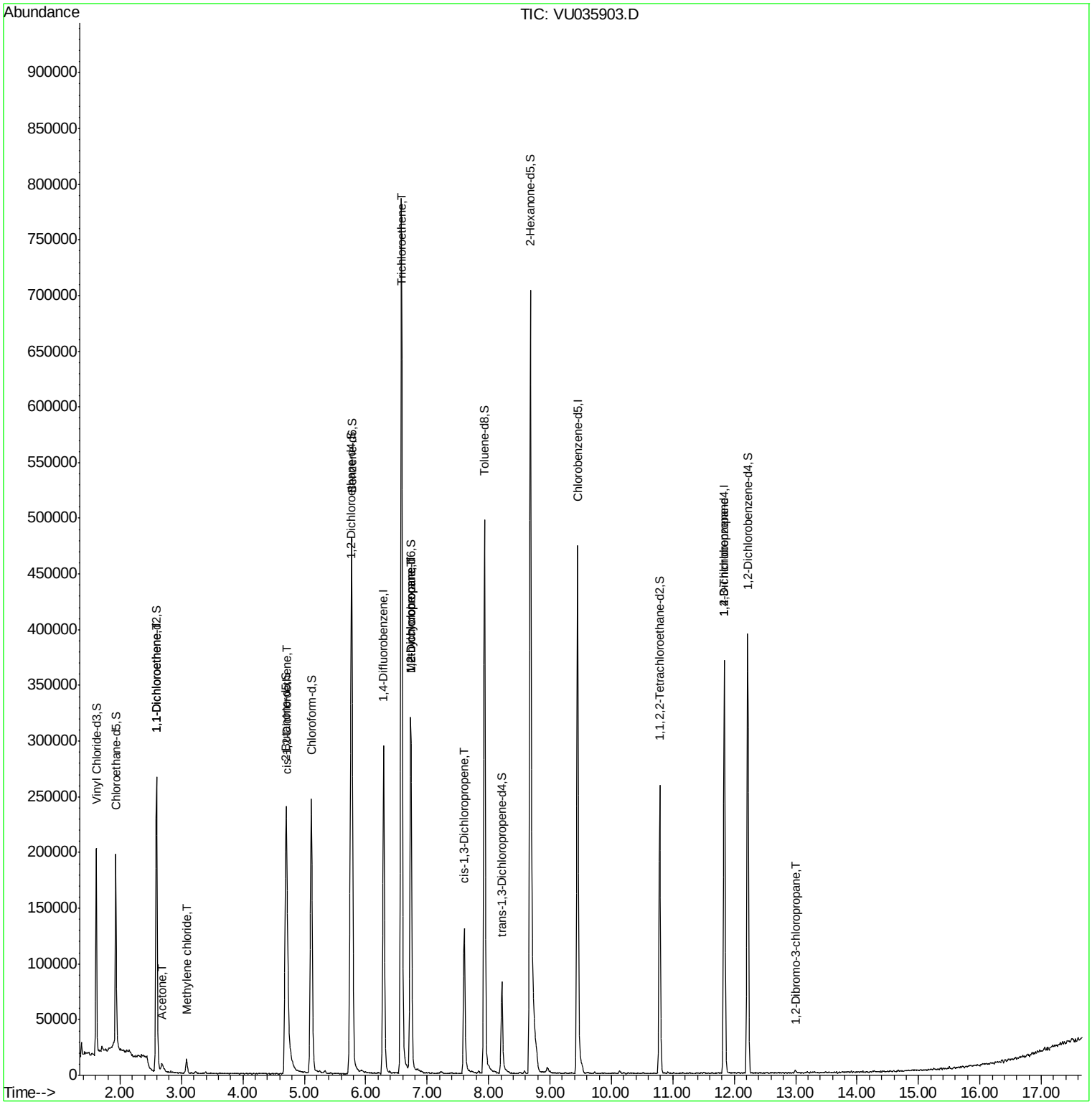
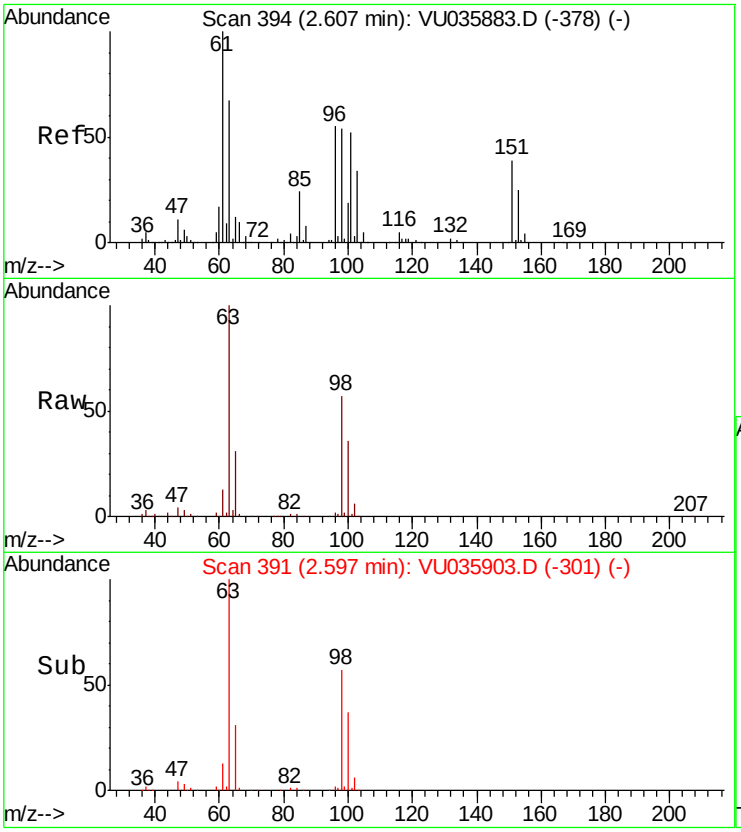


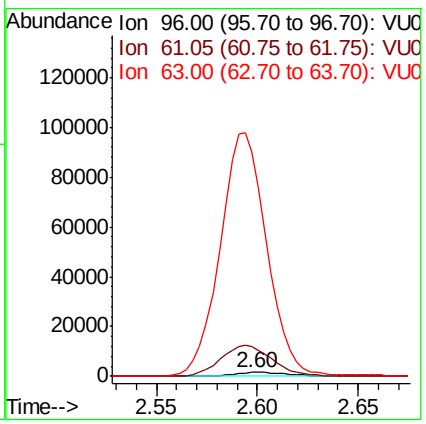


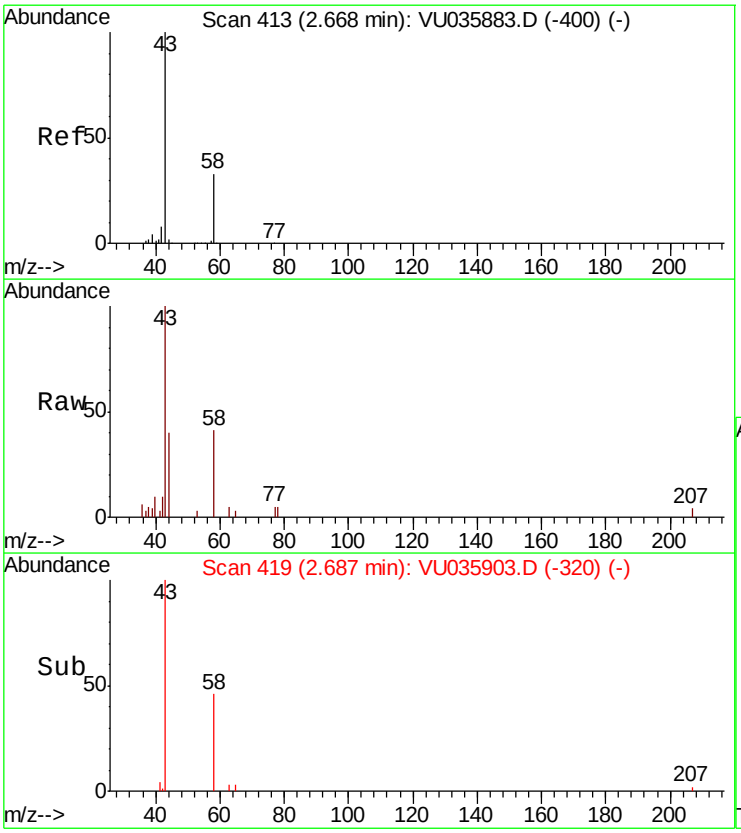
#12
1,1-Dichloroethene
Concen: 0.128 ug/L
RT: 2.60 min Scan# 391
Delta R.T. -0.01 min
Lab File: VU035903.D
Acq: 27 Nov 2019 18:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 3058

Ion	Ratio	Lower	Upper
96	100		
61	793.8	139.3	258.7#
63	5916.1	93.7	174.1#

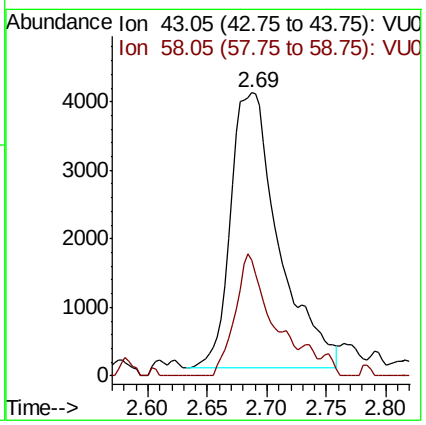


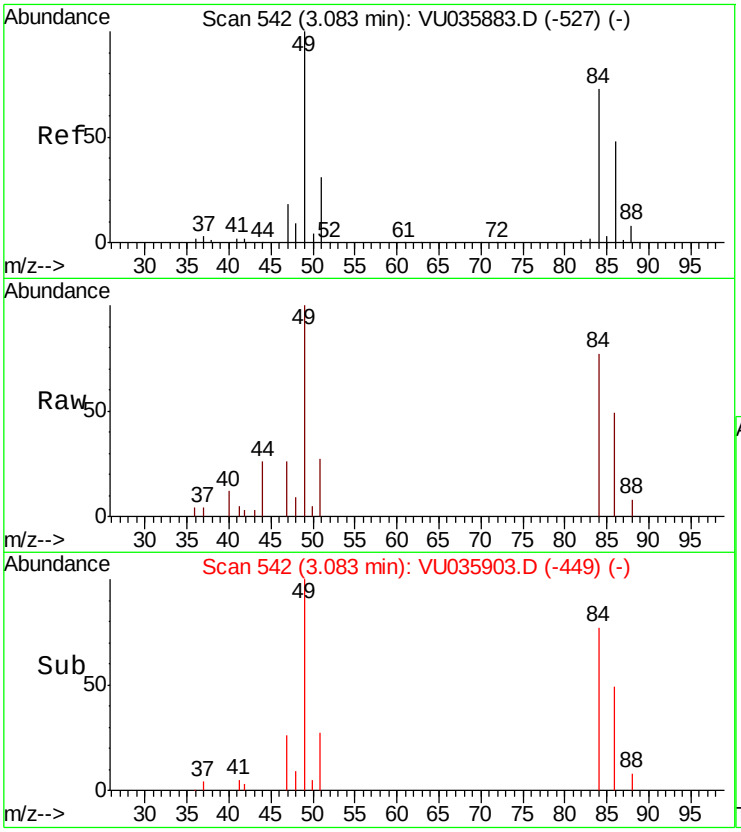


#13
Acetone
Concen: 1.854 ug/L
RT: 2.69 min Scan# 419
Delta R.T. 0.02 min
Lab File: VU035903.D
Acq: 27 Nov 2019 18:36

Tgt Ion: 43 Resp: 11325

Ion	Ratio	Lower	Upper
43	100		
58	32.4	0.0	61.2



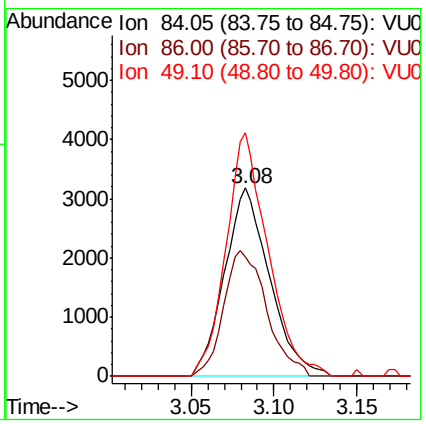


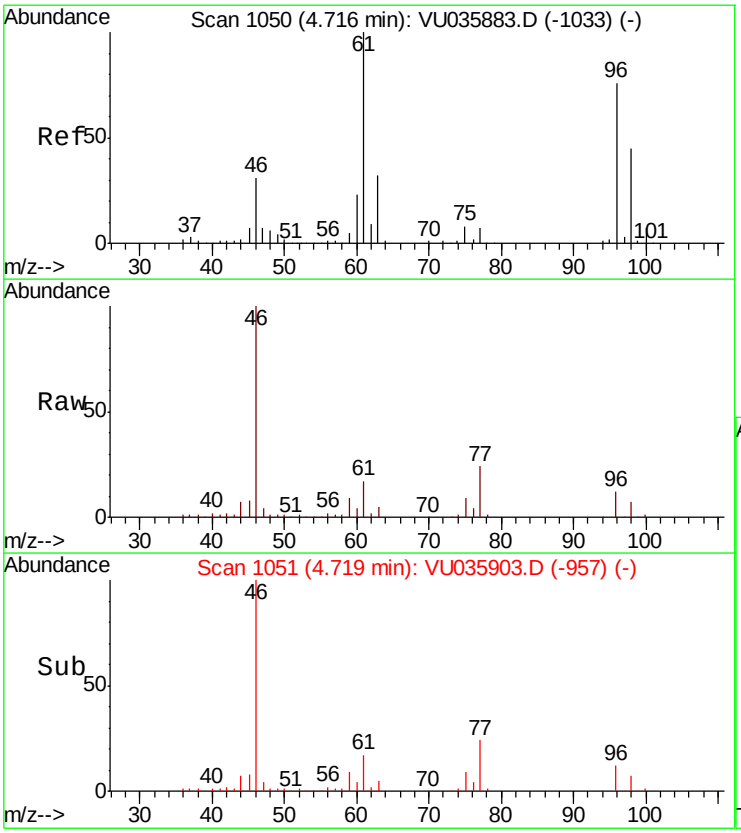
#16
Methylene chloride
Concen: 0.208 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU035903.D
Acq: 27 Nov 2019 18:36

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 6016

Ion	Ratio	Lower	Upper
84	100		
86	63.7	44.4	82.5
49	129.5	94.0	174.6

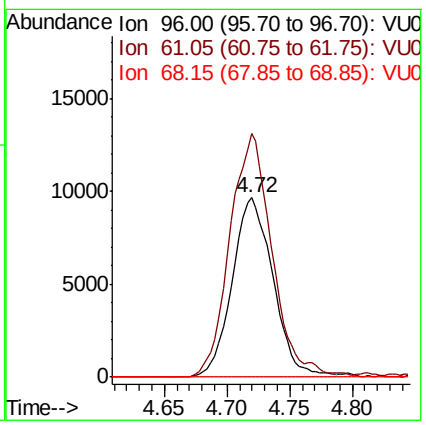


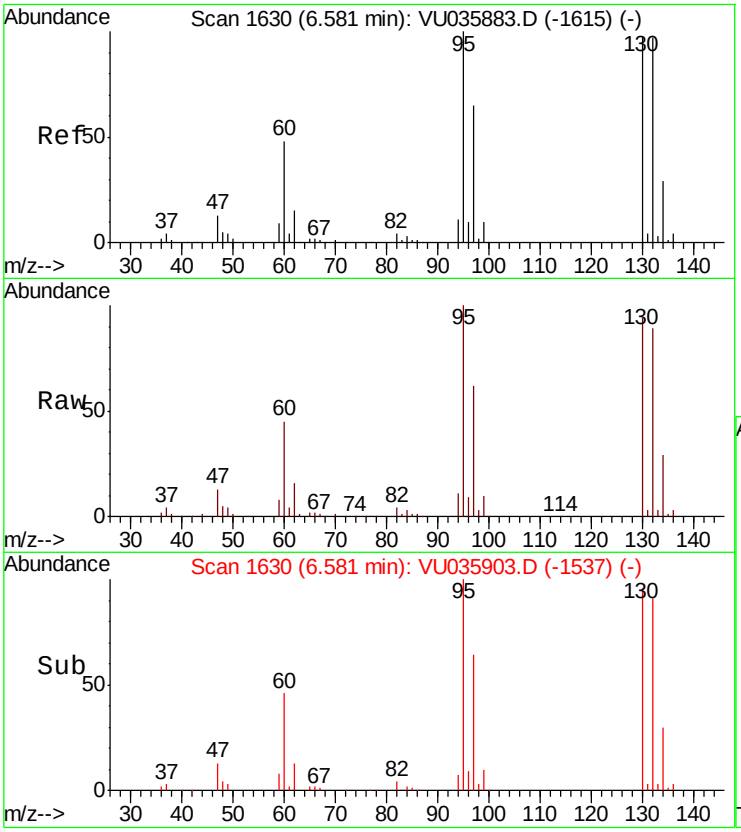


#22
cis-1,2-Dichloroethene
Concen: 0.830 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035903.D
Acq: 27 Nov 2019 18:36

Tgt Ion: 96 Resp: 21808

Ion	Ratio	Lower	Upper
96	100		
61	135.7	98.1	182.1
68	0.0	0.0	0.0



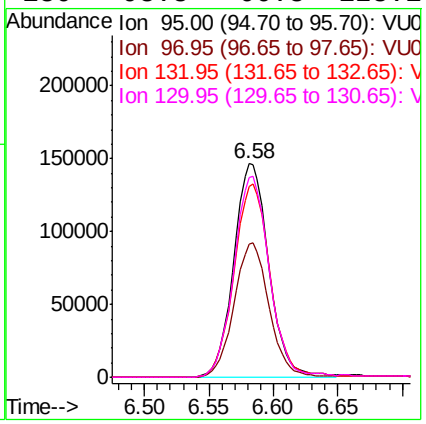


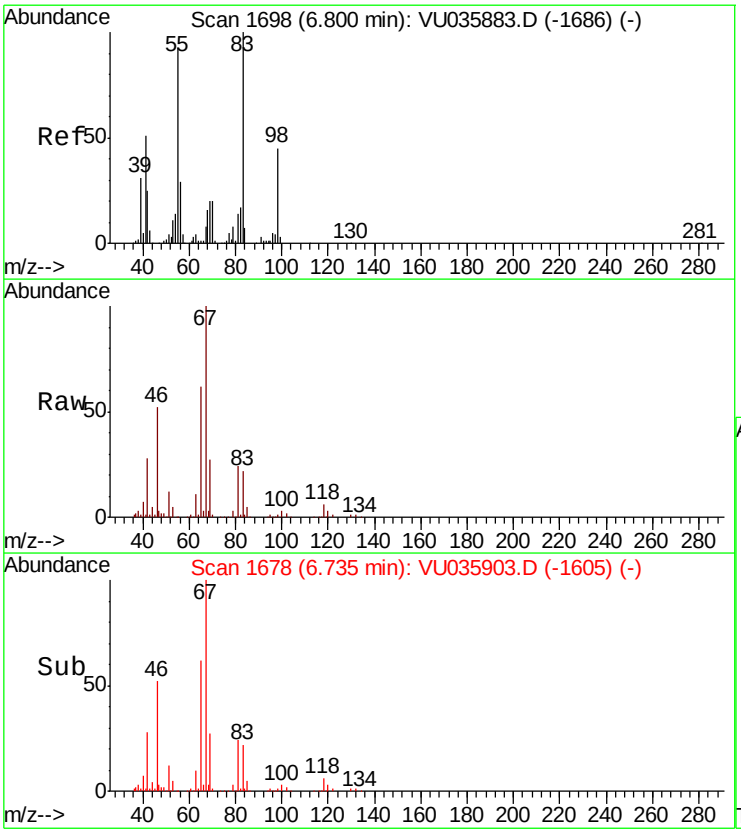
#34
Trichloroethene
Concen: 9.979 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU035903.D
Acq: 27 Nov 2019 18:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 277698

Ion	Ratio	Lower	Upper
95	100		
97	62.2	45.1	83.9
132	89.1	61.9	114.9
130	93.8	66.3	123.1

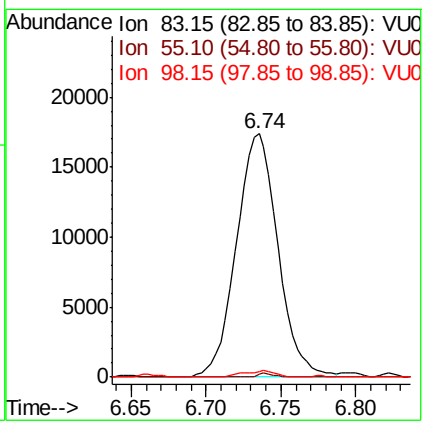


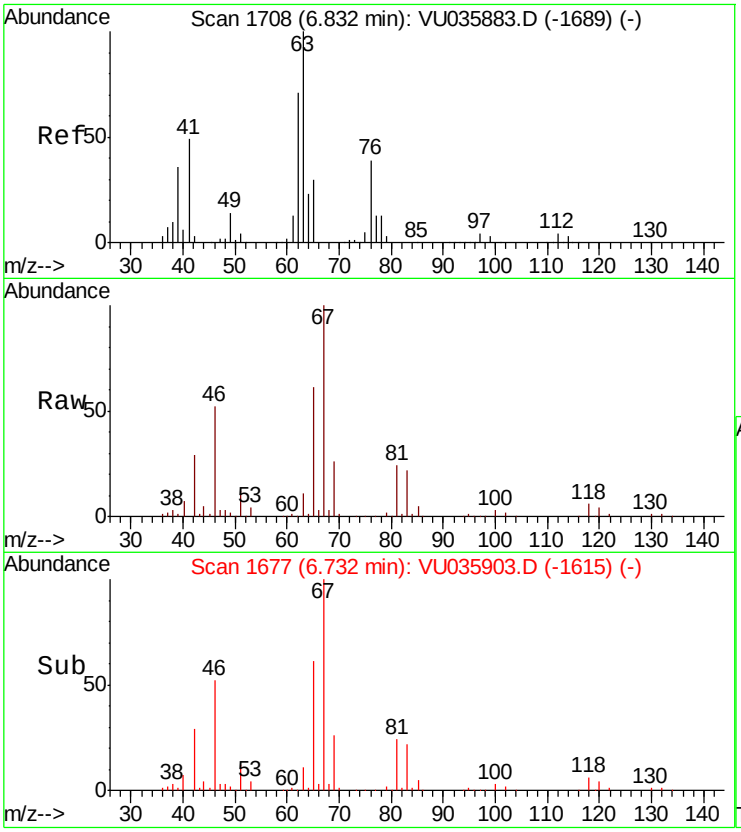


#35
Methylcyclohexane
Concen: 0.823 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035903.D
Acq: 27 Nov 2019 18:36

Tgt Ion: 83 Resp: 33611

Ion	Ratio	Lower	Upper
83	100		
55	0.6	72.7	109.1#
98	2.1	36.2	54.4#



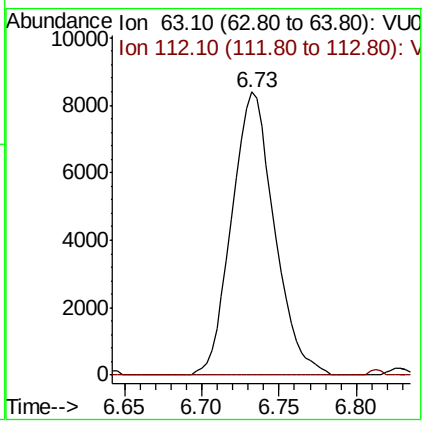


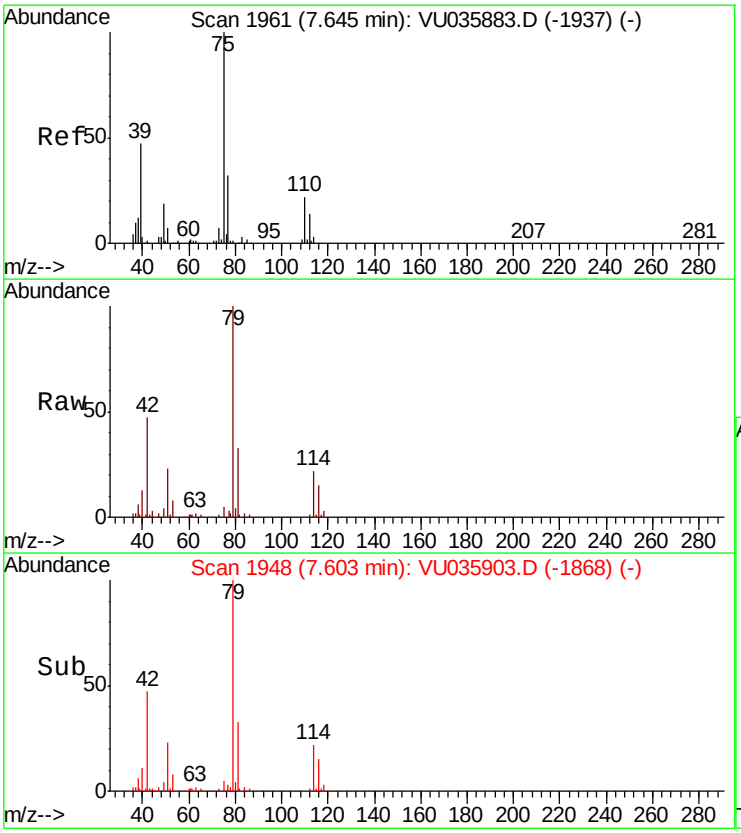
#37
1,2-Dichloropropane
Concen: 0.500 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035903.D
Acq: 27 Nov 2019 18:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 16094

Ion	Ratio	Lower	Upper
63	100		
112	0.5	2.7	4.1#

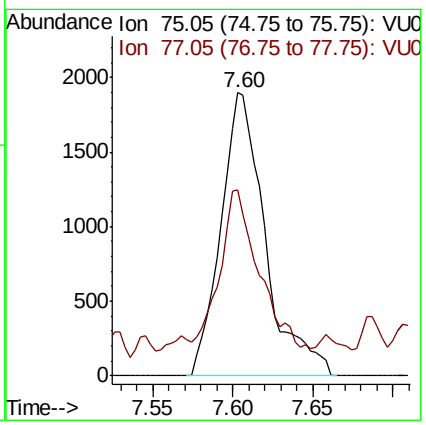


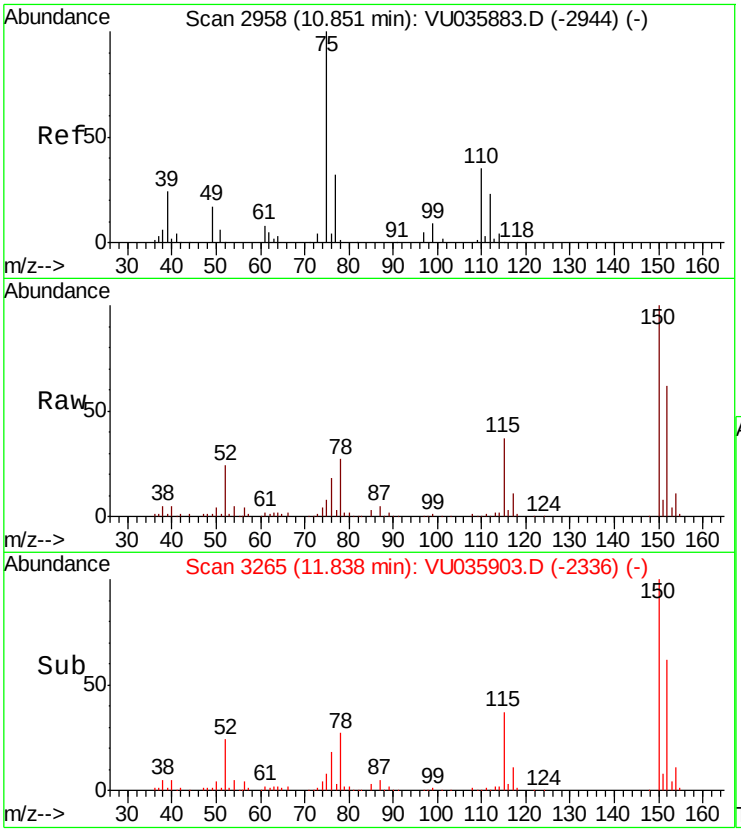


#39
cis-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU035903.D
Acq: 27 Nov 2019 18:36

Tgt Ion: 75 Resp: 3590

Ion	Ratio	Lower	Upper
75	100		
77	65.6	22.1	41.1#



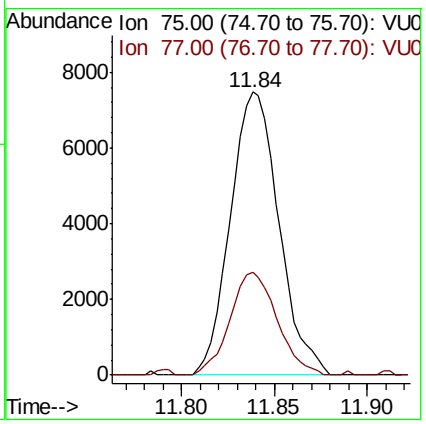


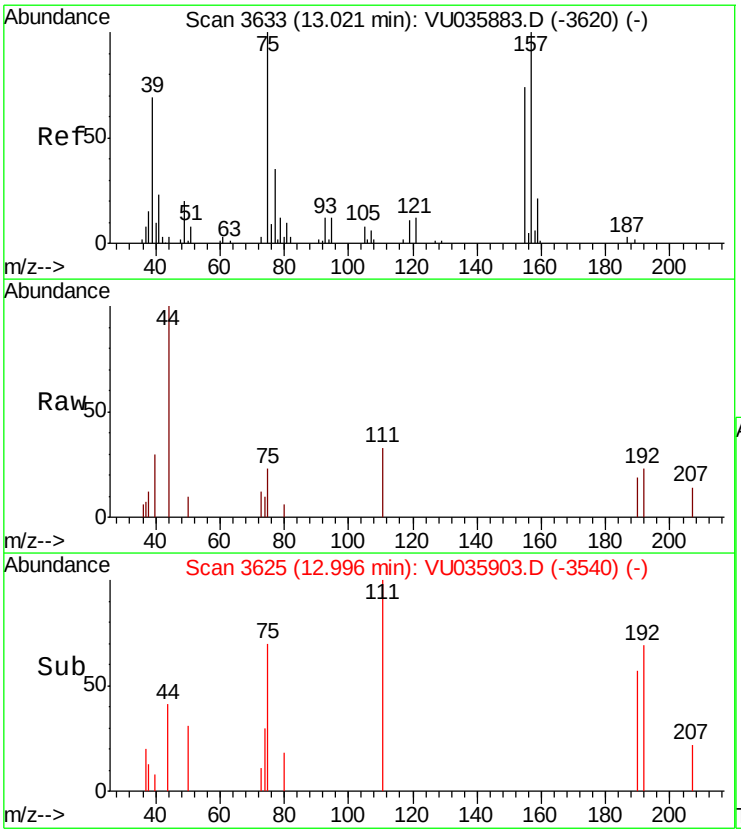
#59
1,2,3-Trichloropropane
Concen: 0.649 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.99 min
Lab File: VU035903.D
Acq: 27 Nov 2019 18:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 13583

Ion	Ratio	Lower	Upper
75	100		
77	35.2	25.4	38.2





#66
1,2-Dibromo-3-chloropropane
Concen: 0.152 ug/L
RT: 13.00 min Scan# 3625
Delta R.T. -0.03 min
Lab File: VU035903.D
Acq: 27 Nov 2019 18:36

Tgt Ion: 75 Resp: 439

Ion	Ratio	Lower	Upper
75	100		
155	0.0	55.4	83.2#
157	0.0	69.4	104.2#