Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112119\
Data File : VU035809.D
Acq On : 21 Nov 2019 17:38
Operator : JC/SP
Sample : K5930-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : B0AB6

Quant Time: Nov 22 03:17:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 01:33:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	220085	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	261565	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	85800	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	135144	4.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.00%			
7) Chloroethane-d5	1.93	69	131230	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.40%			
11) 1,1-Dichloroethene-d2	2.60	63	227233	4.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.00%			
20) 2-Butanone-d5	4.70	46	359161	53.98	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.96%			
24) Chloroform-d	5.11	84	256901	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.60%			
26) 1,2-Dichloroethane-d4	5.75	65	142946	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.60%			
32) Benzene-d6	5.77	84	483744	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
36) 1,2-Dichloropropane-d6	6.74	67	169244	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	7.93	98	383389	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.20%			
43) trans-1,3-Dichloropropene-	8.22	79	55961	4.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.40%			
46) 2-Hexanone-d5	8.70	63	237995	45.25	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.50%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	131354	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	100820	5.41	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	23113	0.629	ug/L #	1
12) 1,1-Dichloroethene	2.61	96	38243	1.670	ug/L #	48
13) Acetone	2.67	43	12289	2.103	ug/L	100
16) Methylene chloride	3.08	84	6629	0.240	ug/L	94
19) 1,1-Dichloroethane	3.92	63	50501	0.997	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	67184	2.674	ug/L	98
34) Trichloroethene	6.58	95	15114	0.565	ug/L	96

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

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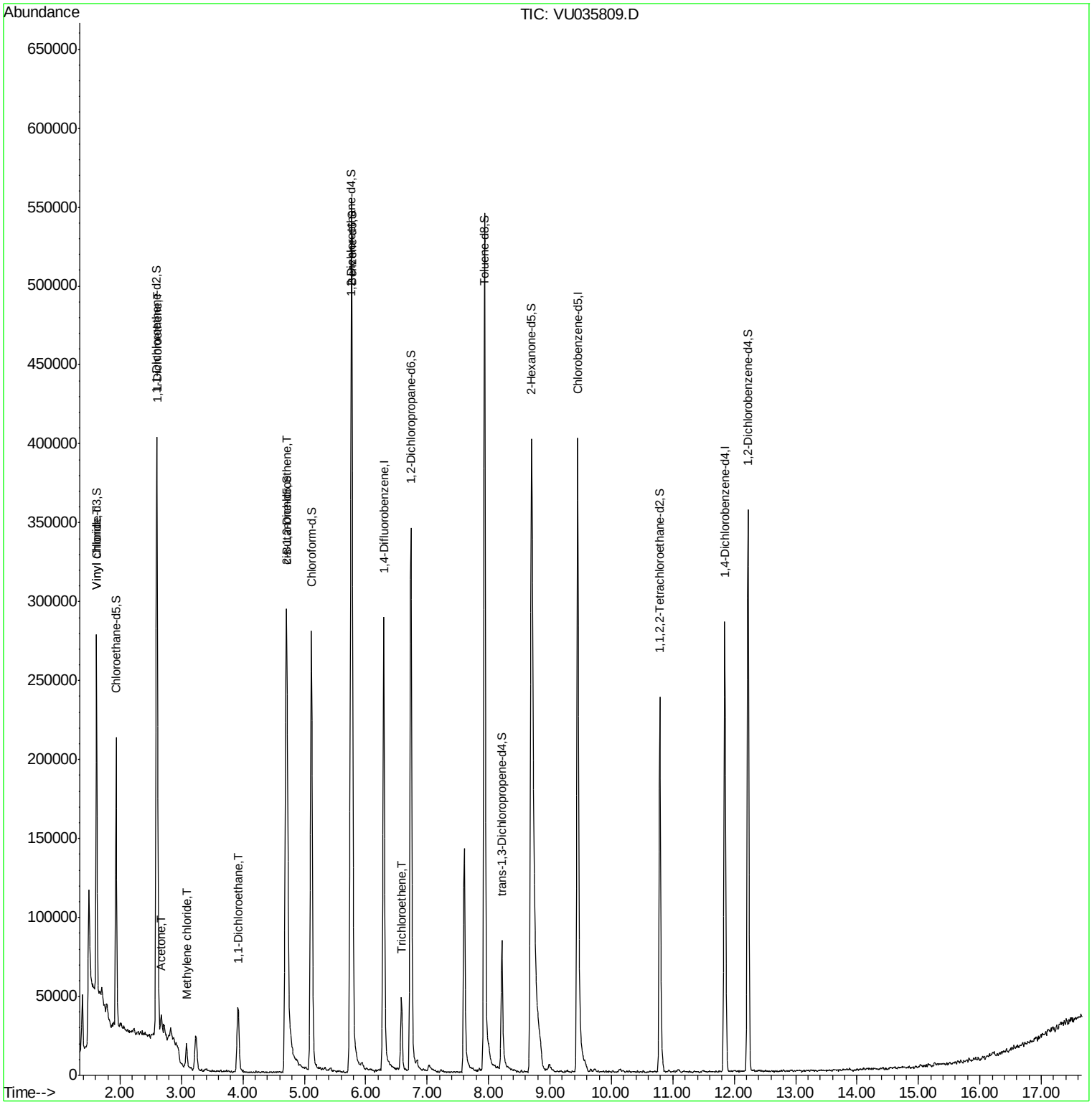
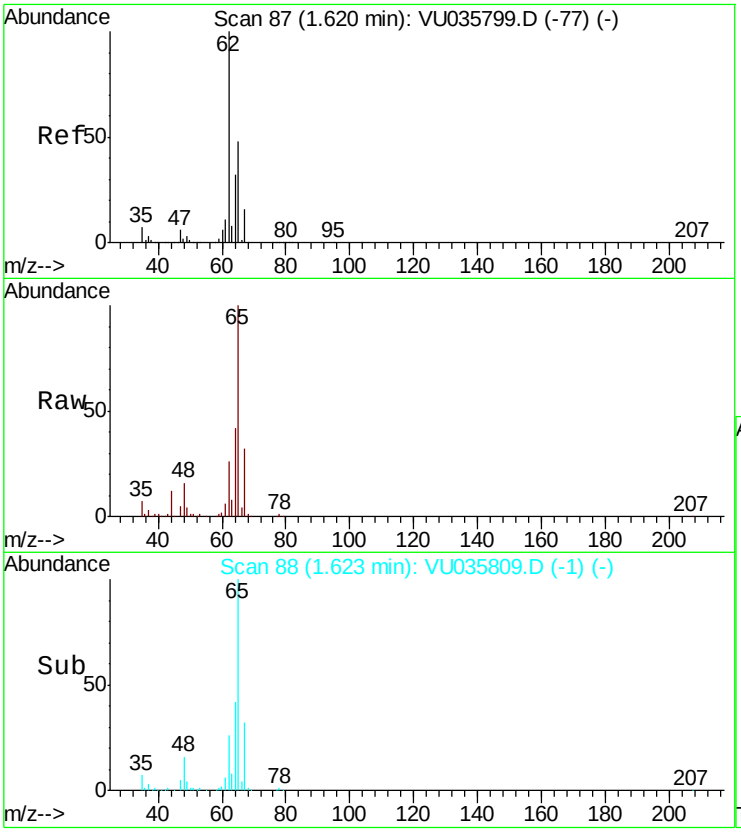


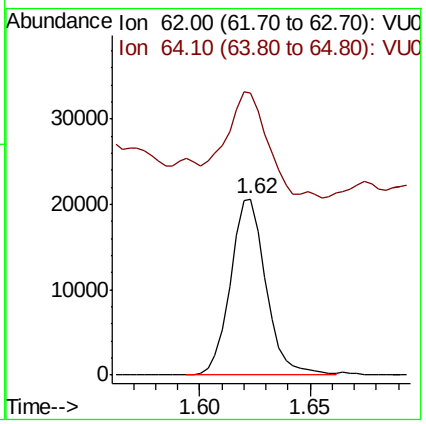


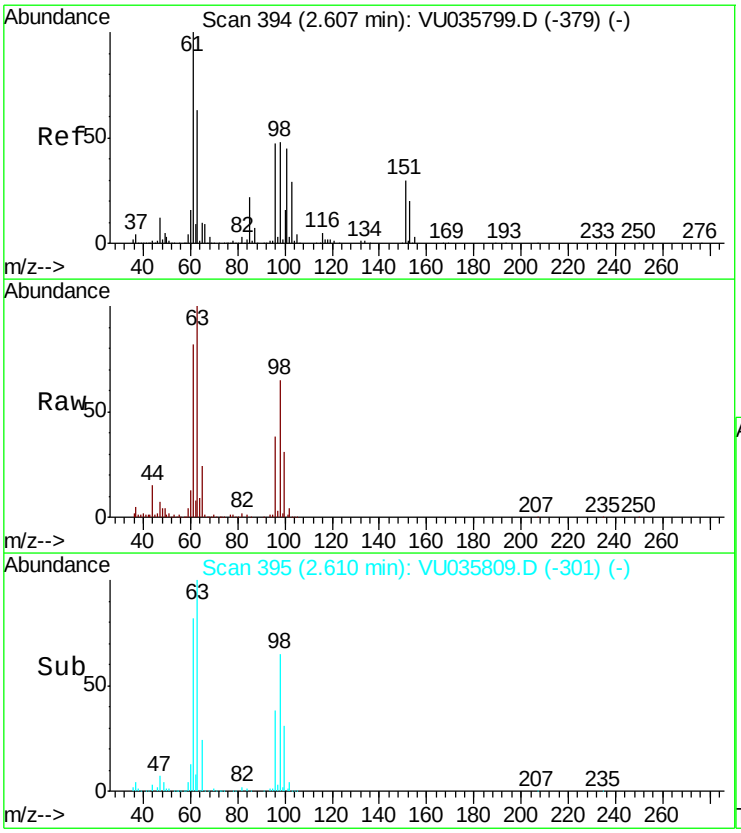
#5
Vinyl chloride
Concen: 0.629 ug/L
RT: 1.62 min Scan# 88
Delta R.T. 0.00 min
Lab File: VU035809.D
Acq: 21 Nov 2019 17:38

Instrument : MSVOA_U
ClientSampleId : B0AB6

Tgt Ion: 62 Resp: 23113

Ion	Ratio	Lower	Upper
62	100		
64	160.8	22.5	41.9#

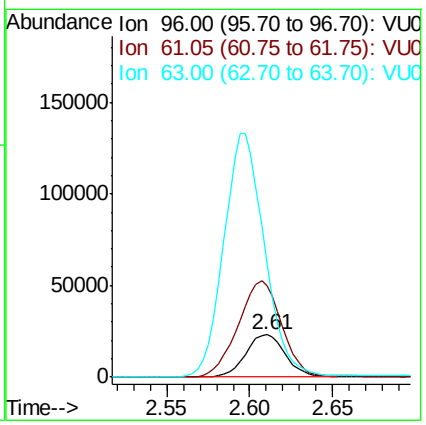


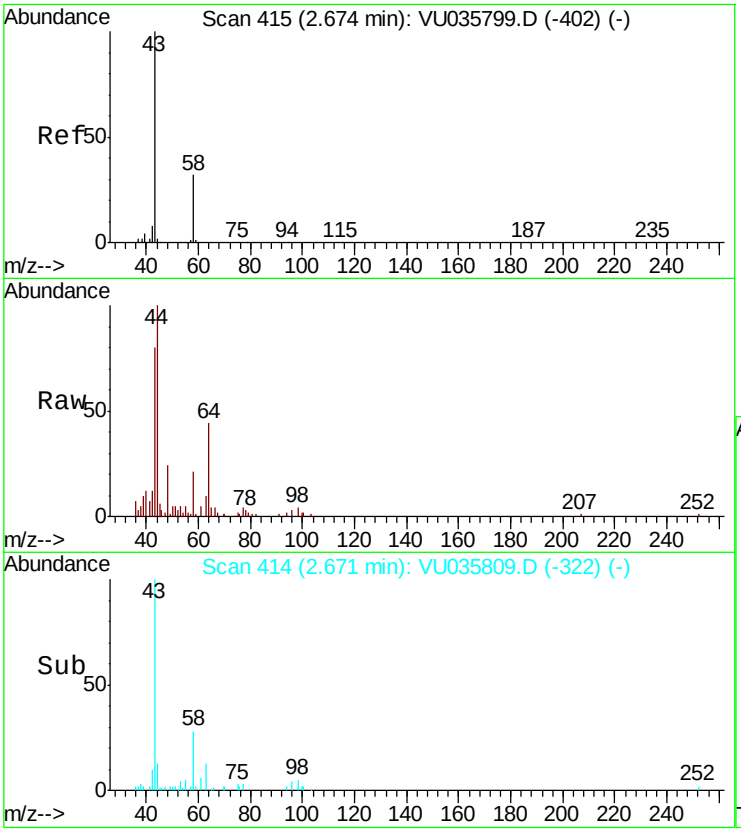


#12
1,1-Dichloroethene
Concen: 1.670 ug/L
RT: 2.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: VU035809.D
Acq: 21 Nov 2019 17:38

Tgt Ion: 96 Resp: 38243

Ion	Ratio	Lower	Upper
96	100		
61	217.2	139.3	258.7
63	266.2	93.7	174.1#



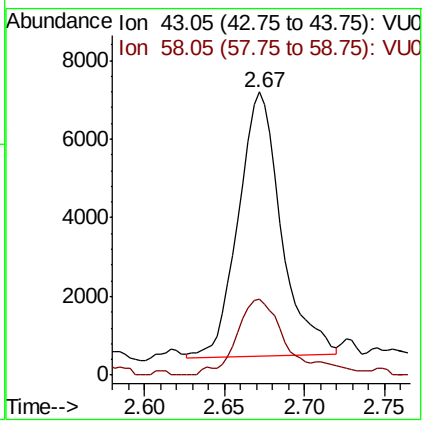


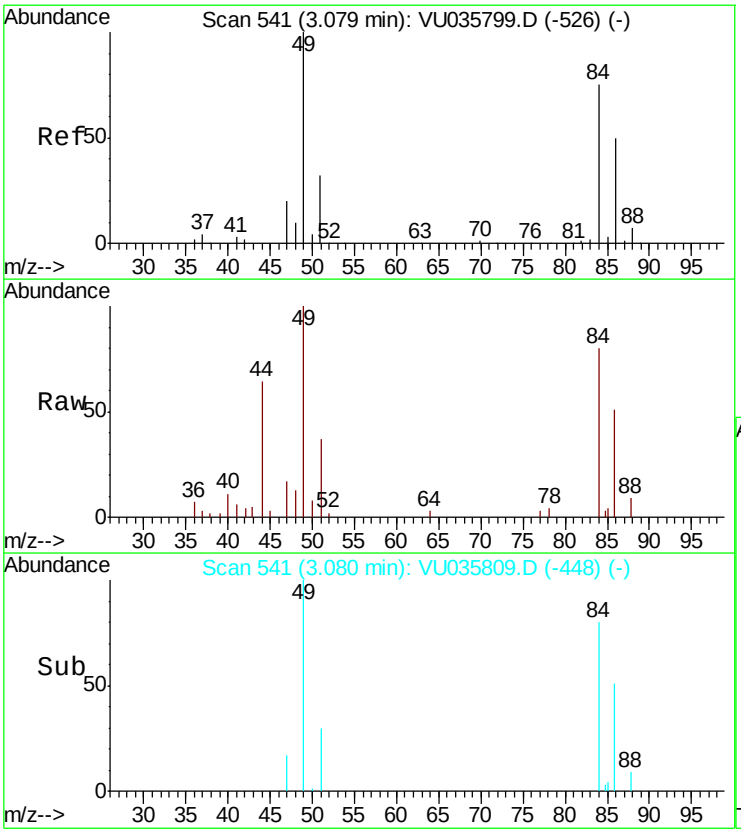
#13
Acetone
Concen: 2.103 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.00 min
Lab File: VU035809.D
Acq: 21 Nov 2019 17:38

Instrument :
MSVOA_U
ClientSampleId :
B0AB6

Tgt Ion: 43 Resp: 12289

Ion	Ratio	Lower	Upper
43	100		
58	30.4	0.0	61.2

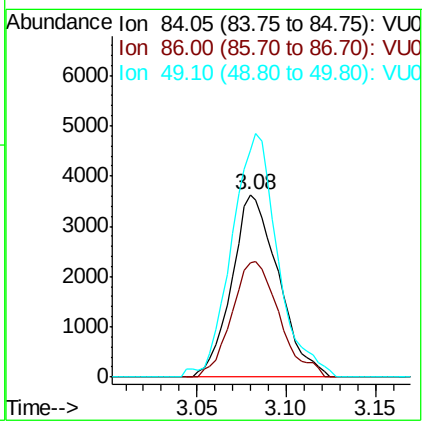


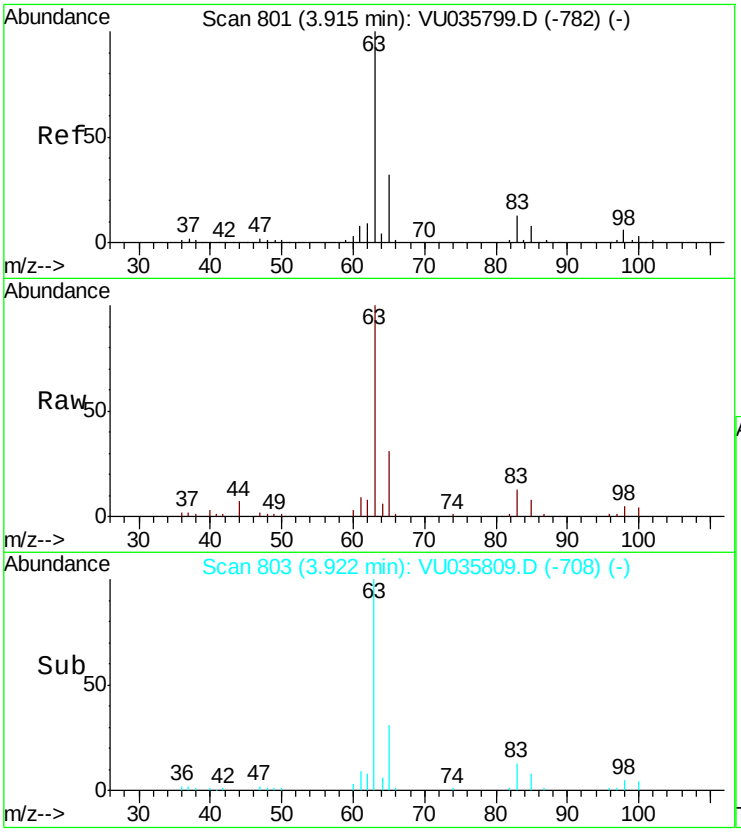


#16
Methylene chloride
Concen: 0.240 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU035809.D
Acq: 21 Nov 2019 17:38

Tgt Ion: 84 Resp: 6629

Ion	Ratio	Lower	Upper
84	100		
86	62.8	44.4	82.5
49	124.3	94.0	174.6



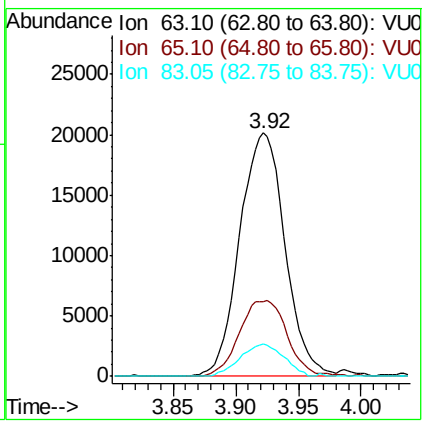


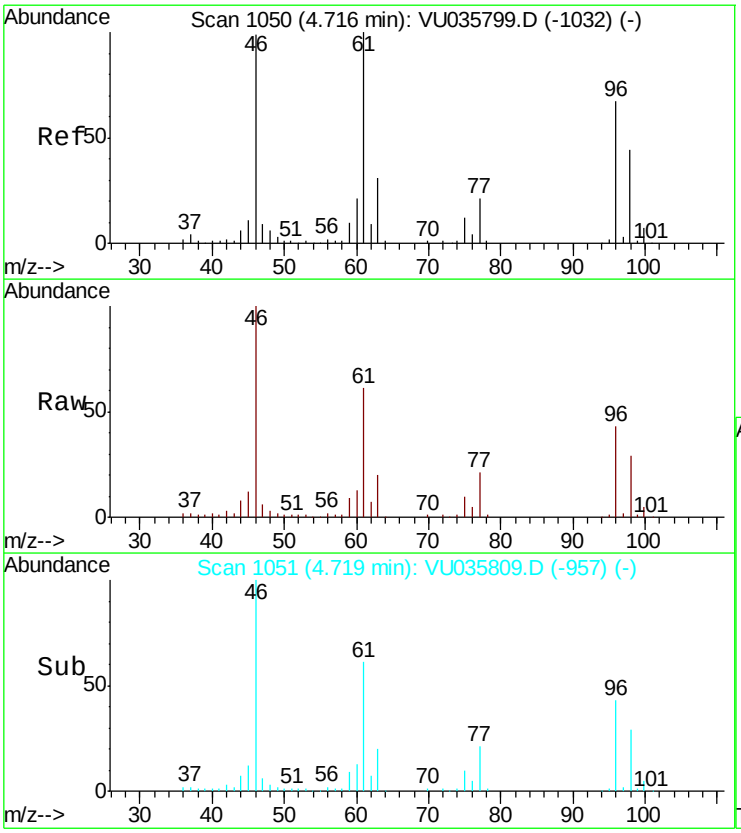
#19
1,1-Dichloroethane
Concen: 0.997 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.01 min
Lab File: VU035809.D
Acq: 21 Nov 2019 17:38

Instrument :
MSVOA_U
ClientSampleId :
B0AB6

Tgt Ion: 63 Resp: 50501

Ion	Ratio	Lower	Upper
63	100		
65	30.6	21.8	40.4
83	13.4	8.6	16.0

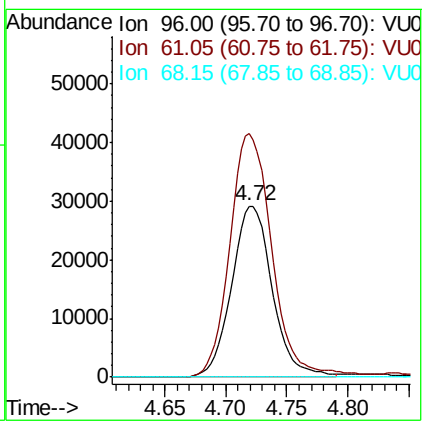


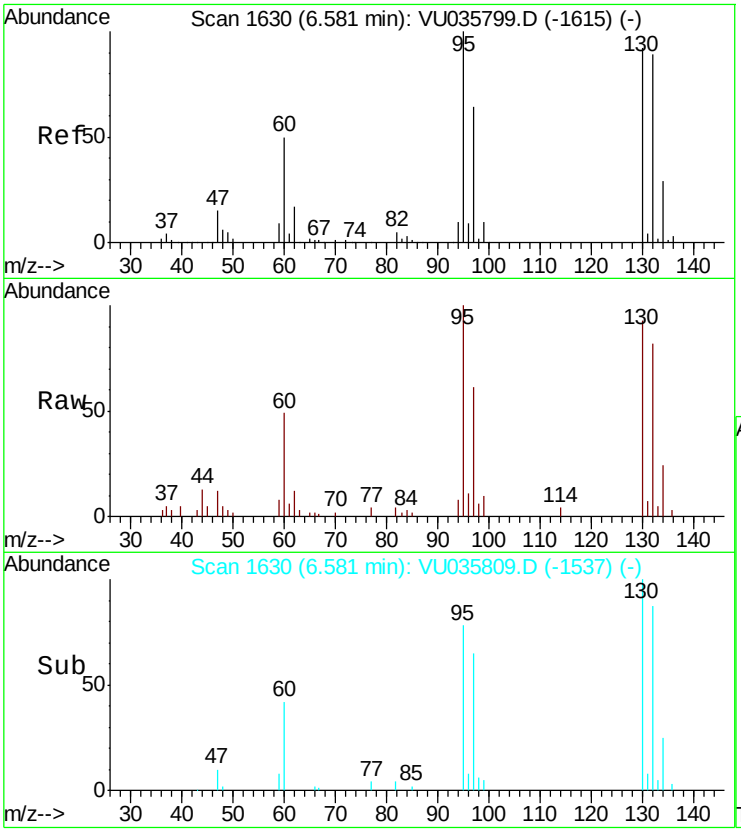


#22
cis-1,2-Dichloroethene
Concen: 2.674 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035809.D
Acq: 21 Nov 2019 17:38

Tgt Ion: 96 Resp: 67184

Ion	Ratio	Lower	Upper
96	100		
61	142.1	98.1	182.1
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 0.565 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035809.D
Acq: 21 Nov 2019 17:38

Instrument :
MSVOA_U
ClientSampleId :
B0AB6

Tgt Ion: 95 Resp: 15114

Ion	Ratio	Lower	Upper
95	100		
97	61.1	45.1	83.9
132	81.5	61.9	114.9
130	93.5	66.3	123.1