Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112119\
Data File : VU035811.D
Acq On : 21 Nov 2019 18:28
Operator : JC/SP
Sample : K5930-15 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : B0AC8

Quant Time: Nov 22 03:22:55 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	220851	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	258660	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	90750	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	139630	4.84	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.80%			
7) Chloroethane-d5	1.93	69	130971	5.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.80%			
11) 1,1-Dichloroethene-d2	2.60	63	207121	3.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.20%			
20) 2-Butanone-d5	4.70	46	360413	53.98	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.96%			
24) Chloroform-d	5.11	84	258022	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.60%			
26) 1,2-Dichloroethane-d4	5.75	65	146770	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.00%			
32) Benzene-d6	5.77	84	471627	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	6.74	67	167944	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.00%			
41) Toluene-d8	7.93	98	380599	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.60%			
43) trans-1,3-Dichloropropene-	8.22	79	54690	4.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.40%			
46) 2-Hexanone-d5	8.70	63	226901	43.63	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.26%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	132551	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	102499	5.20	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.61	96	13260	0.577	ug/L #	1
13) Acetone	2.67	43	30639	5.225	ug/L	98
14) Carbon disulfide	2.83	76	18544	0.243	ug/L #	88
16) Methylene chloride	3.08	84	6160	0.222	ug/L	88
19) 1,1-Dichloroethane	3.92	63	6144	0.121	ug/L	95
21) 2-Butanone	4.79	43	11286	1.521	ug/L	85
22) cis-1,2-Dichloroethene	4.72	96	14966	0.594	ug/L	94
34) Trichloroethene	6.58	95	85835	3.243	ug/L	98

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

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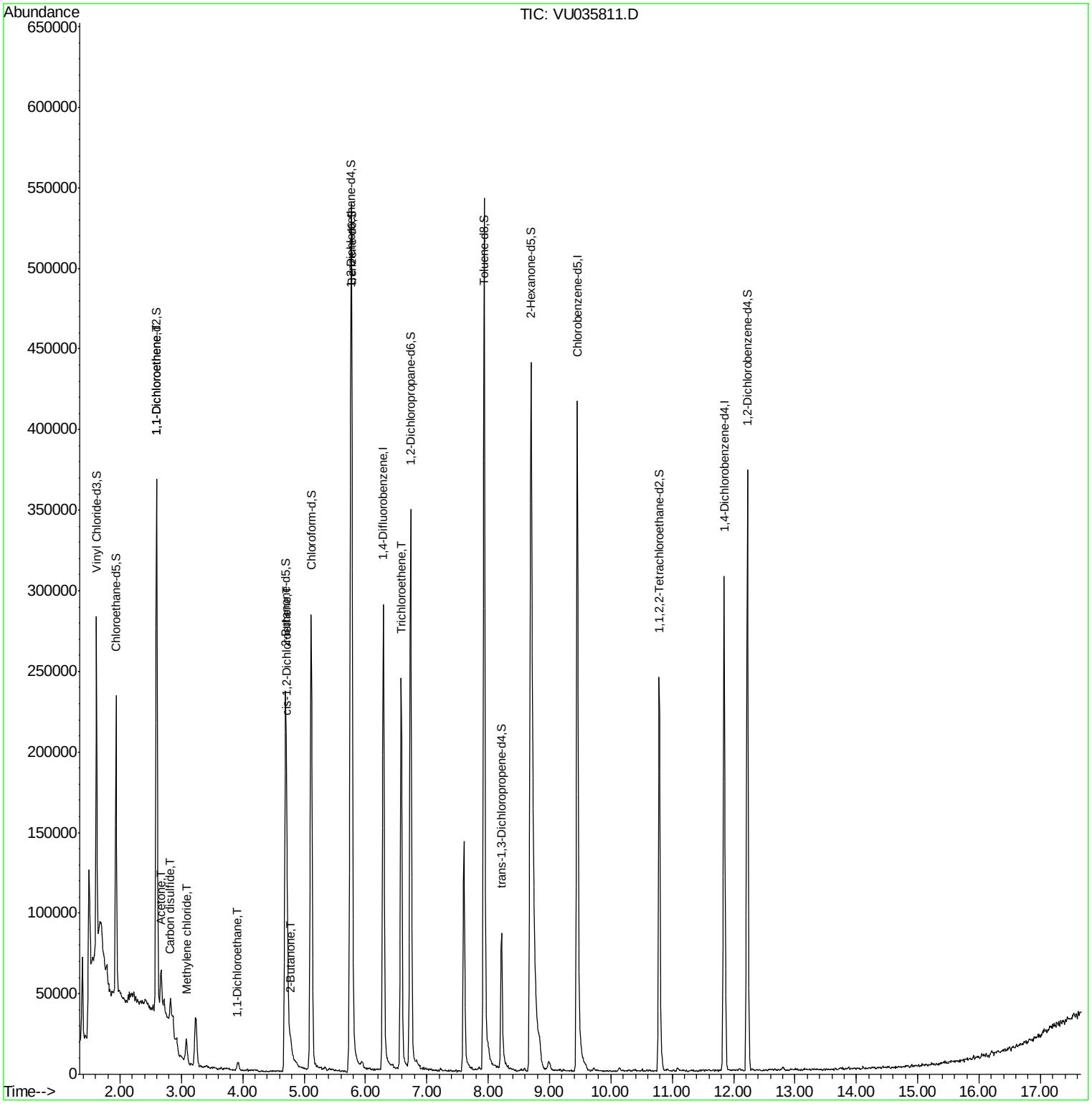
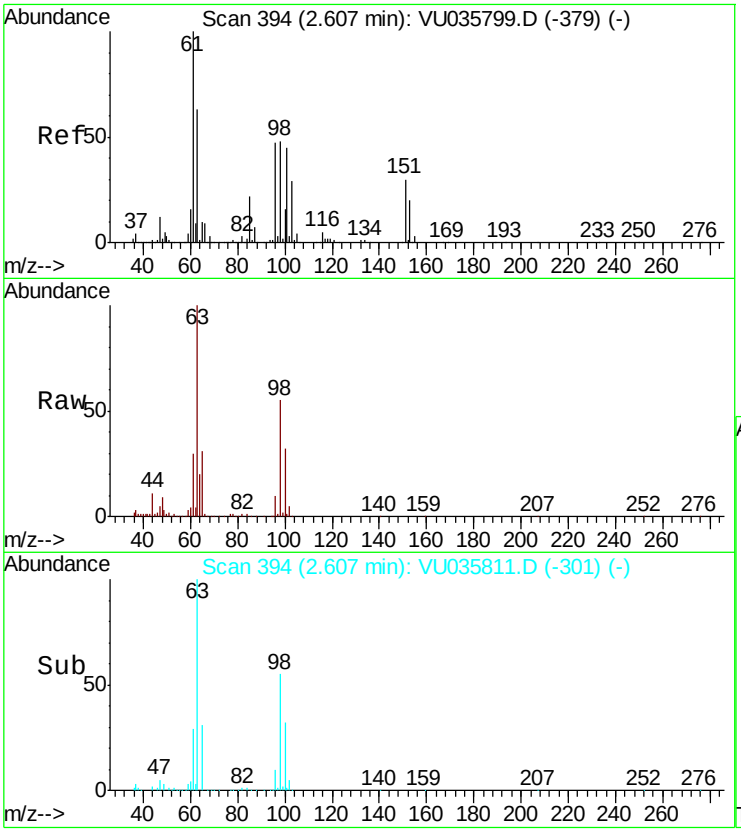


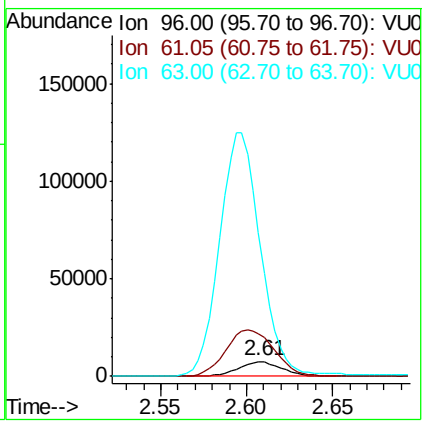


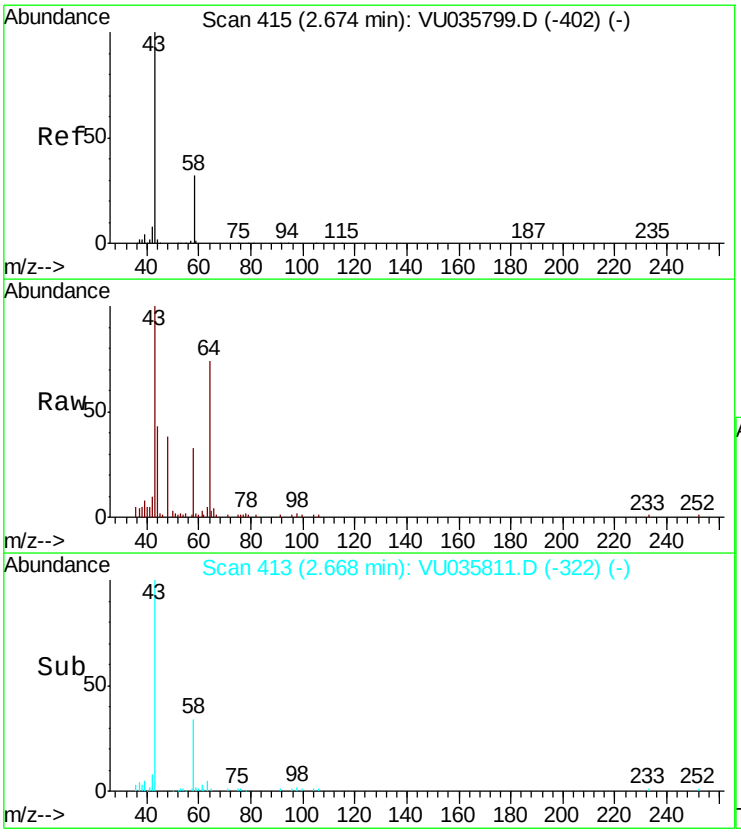
#12
1,1-Dichloroethene
Concen: 0.577 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU035811.D
Acq: 21 Nov 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
B0AC8

Tgt Ion: 96 Resp: 13260

Ion	Ratio	Lower	Upper
96	100		
61	291.5	139.3	258.7#
63	985.2	93.7	174.1#

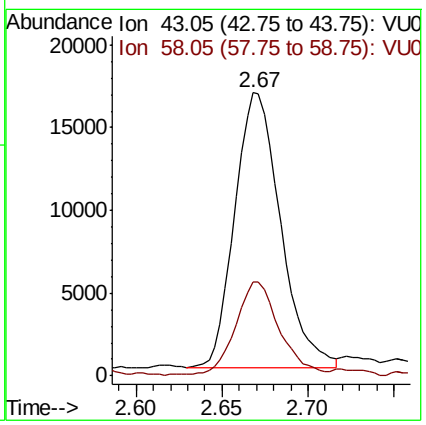


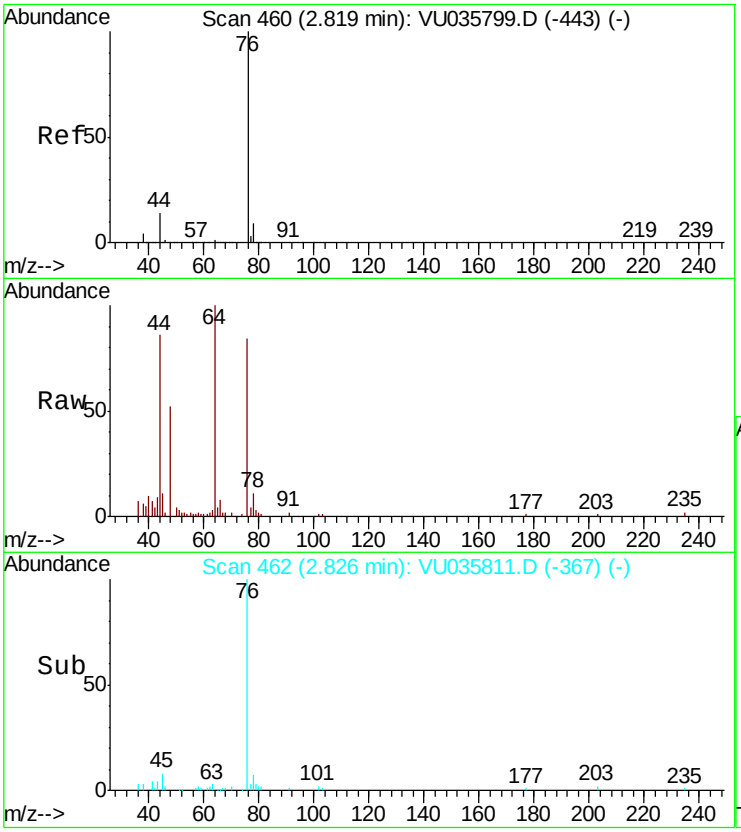


#13
Acetone
Concen: 5.225 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.01 min
Lab File: VU035811.D
Acq: 21 Nov 2019 18:28

Tgt Ion: 43 Resp: 30639

Ion	Ratio	Lower	Upper
43	100		
58	32.0	0.0	61.2



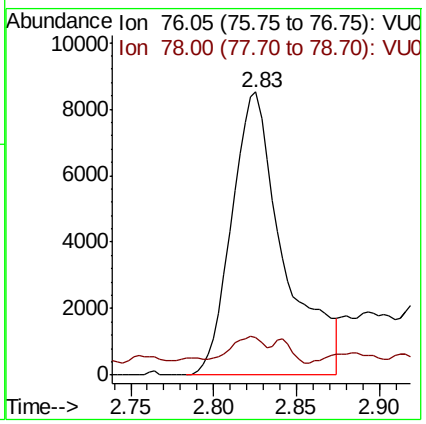


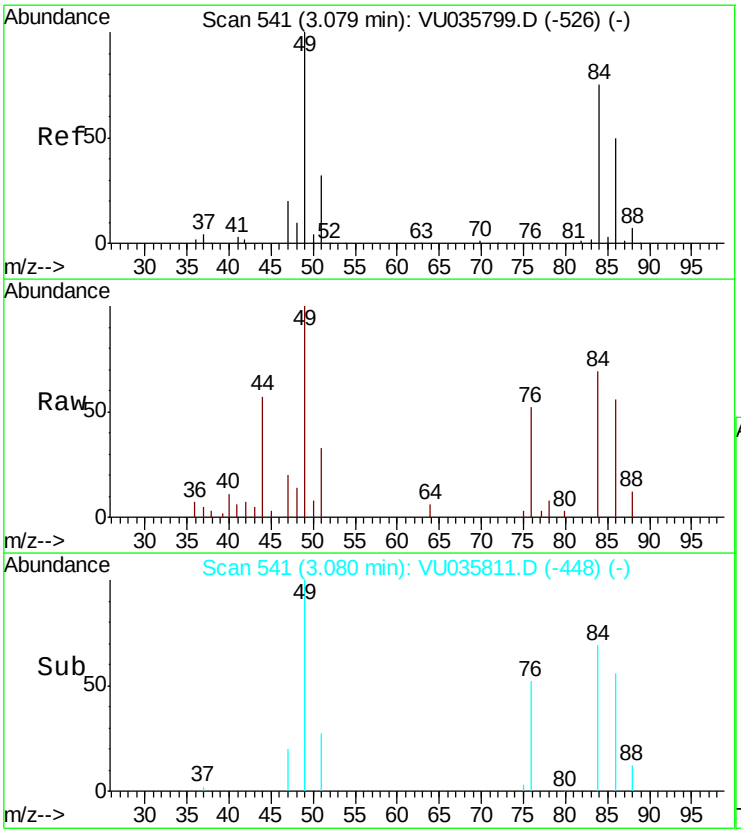
#14
Carbon disulfide
Concen: 0.243 ug/L
RT: 2.83 min Scan# 462
Delta R.T. 0.01 min
Lab File: VU035811.D
Acq: 21 Nov 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
B0AC8

Tgt Ion: 76 Resp: 18544

Ion	Ratio	Lower	Upper
76	100		
78	13.4	7.3	10.9#

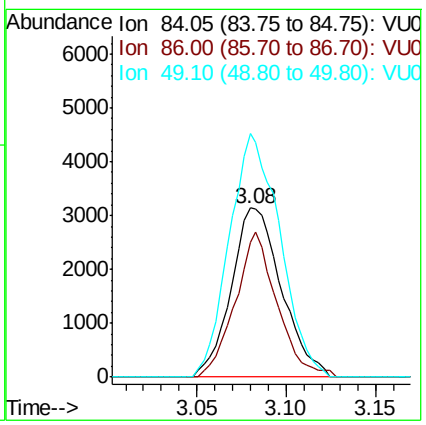


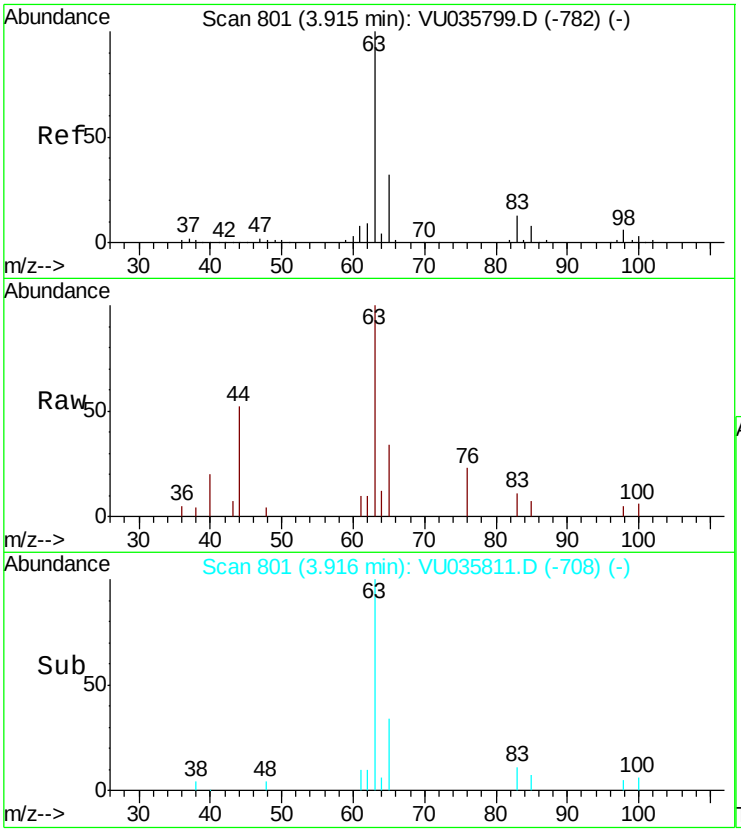


#16
Methylene chloride
Concen: 0.222 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU035811.D
Acq: 21 Nov 2019 18:28

Tgt Ion: 84 Resp: 6160

Ion	Ratio	Lower	Upper
84	100		
86	80.1	44.4	82.5
49	144.1	94.0	174.6



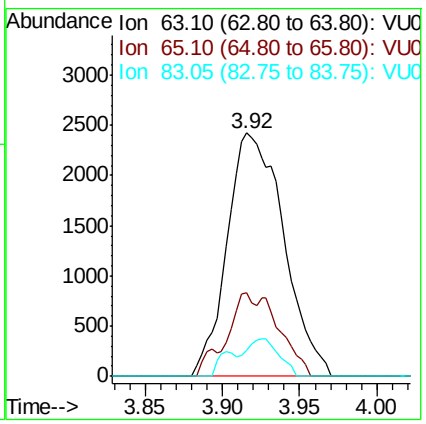


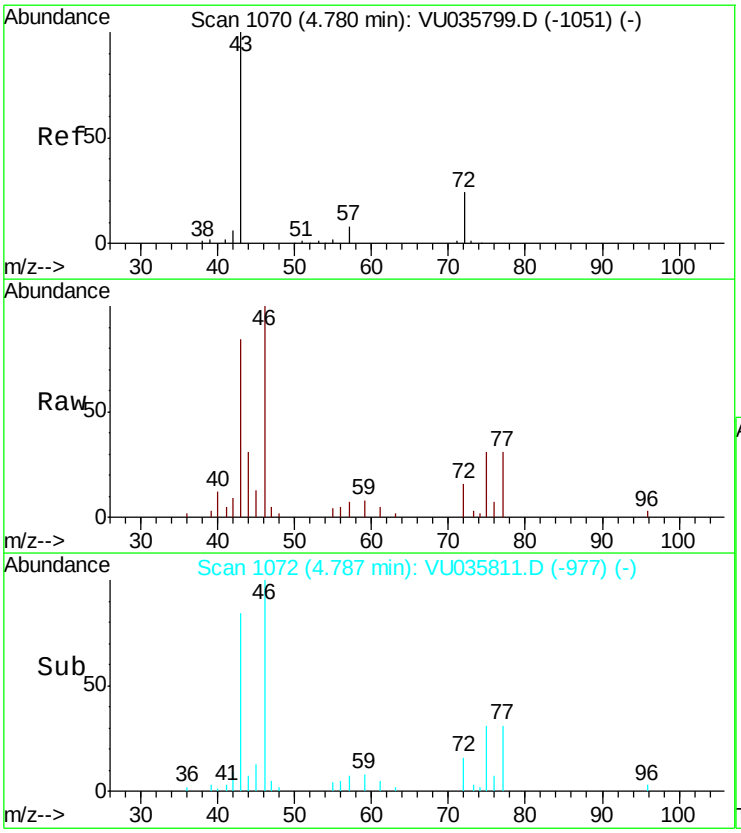
#19
1,1-Dichloroethane
Concen: 0.121 ug/L
RT: 3.92 min Scan# 801
Delta R.T. 0.00 min
Lab File: VU035811.D
Acq: 21 Nov 2019 18:28

Instrument : MSVOA_U
ClientSampleId : B0AC8

Tgt Ion: 63 Resp: 6144

Ion	Ratio	Lower	Upper
63	100		
65	34.3	21.8	40.4
83	10.9	8.6	16.0

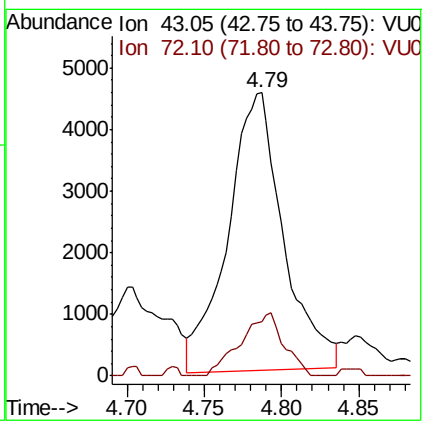


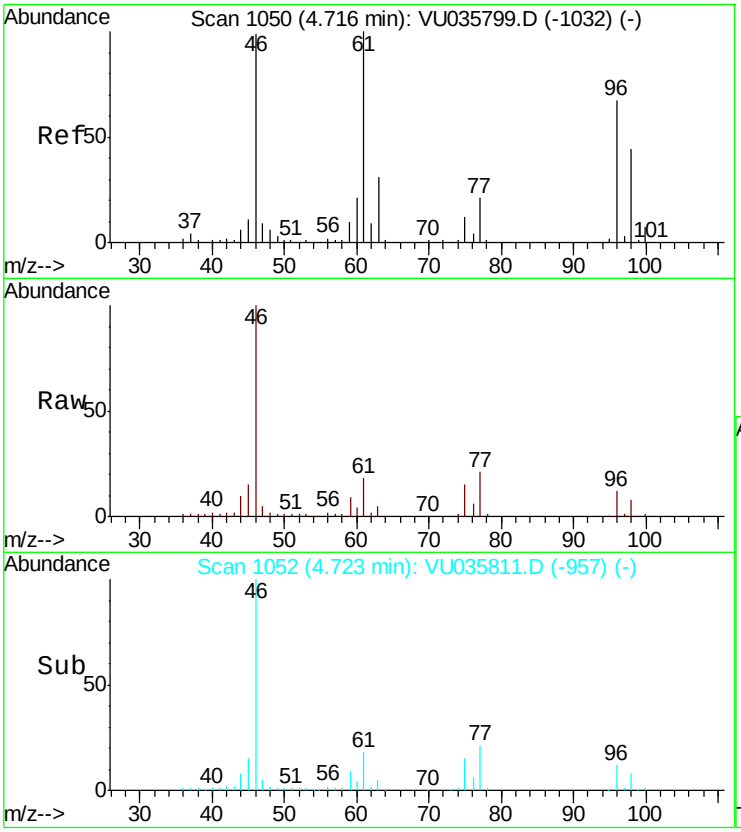


#21
2-Butanone
Concen: 1.521 ug/L
RT: 4.79 min Scan# 1072
Delta R.T. 0.01 min
Lab File: VU035811.D
Acq: 21 Nov 2019 18:28

Tgt Ion: 43 Resp: 11286

Ion	Ratio	Lower	Upper
43	100		
72	17.6	12.4	37.4



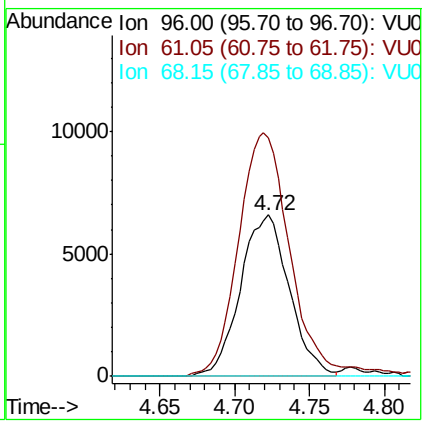


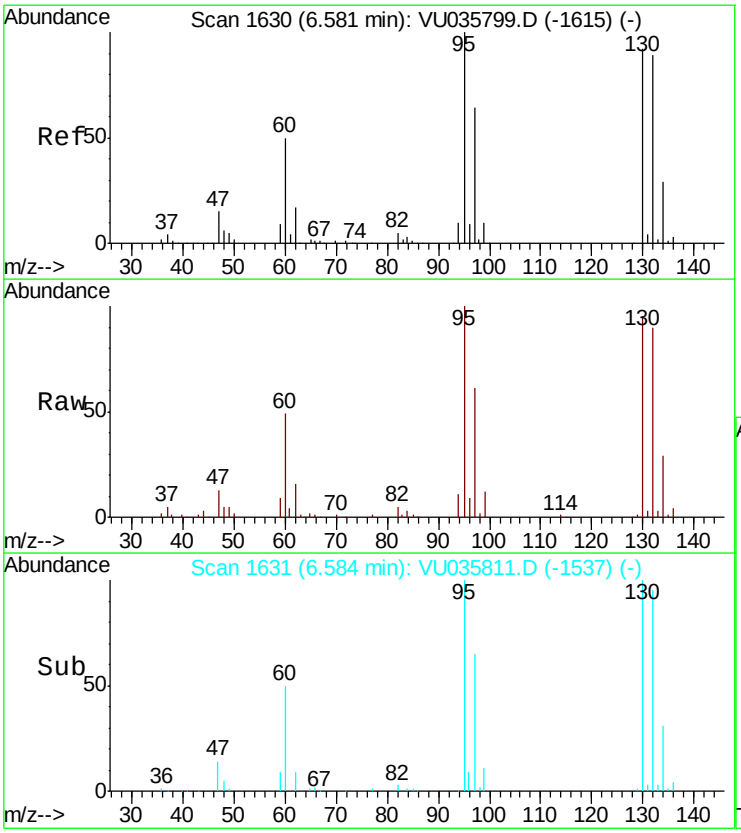
#22
cis-1,2-Dichloroethene
Concen: 0.594 ug/L
RT: 4.72 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VU035811.D
Acq: 21 Nov 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
B0AC8

Tgt Ion: 96 Resp: 14966

Ion	Ratio	Lower	Upper
96	100		
61	147.9	98.1	182.1
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 3.243 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035811.D
Acq: 21 Nov 2019 18:28

Tgt Ion: 95 Resp: 85835

Ion	Ratio	Lower	Upper
95	100		
97	61.4	45.1	83.9
132	89.9	61.9	114.9
130	94.7	66.3	123.1