Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112119\
Data File : VU035808.D
Acq On : 21 Nov 2019 17:14
Operator : JC/SP
Sample : K5930-12 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : B0AB2

Quant Time: Nov 22 03:14:13 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	215154	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	252929	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	90918	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	151551	5.39	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 107.80%			
7) Chloroethane-d5	1.93	69	140741	5.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.60%			
11) 1,1-Dichloroethene-d2	2.60	63	223620	4.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.60%			
20) 2-Butanone-d5	4.70	46	395177	60.76	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.52%			
24) Chloroform-d	5.11	84	276911	5.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 116.40%			
26) 1,2-Dichloroethane-d4	5.75	65	156184	5.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 117.00%			
32) Benzene-d6	5.77	84	524894	5.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.80%			
36) 1,2-Dichloropropane-d6	6.74	67	180520	5.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 111.00%			
41) Toluene-d8	7.93	98	422263	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
43) trans-1,3-Dichloropropene-	8.22	79	60659	4.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.80%			
46) 2-Hexanone-d5	8.70	63	271904	53.47	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.94%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	144136	5.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	115943	5.87	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 117.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	144878	4.033	ug/L #	40
13) Acetone	2.67	43	29136	5.100	ug/L	100
14) Carbon disulfide	2.82	76	21535	0.290	ug/L #	86
16) Methylene chloride	3.08	84	6517	0.241	ug/L	97
19) 1,1-Dichloroethane	3.92	63	55576	1.122	ug/L	97
21) 2-Butanone	4.78	43	172591	23.875	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	49369	2.010	ug/L	91
34) Trichloroethene	6.58	95	33543	1.296	ug/L	97

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

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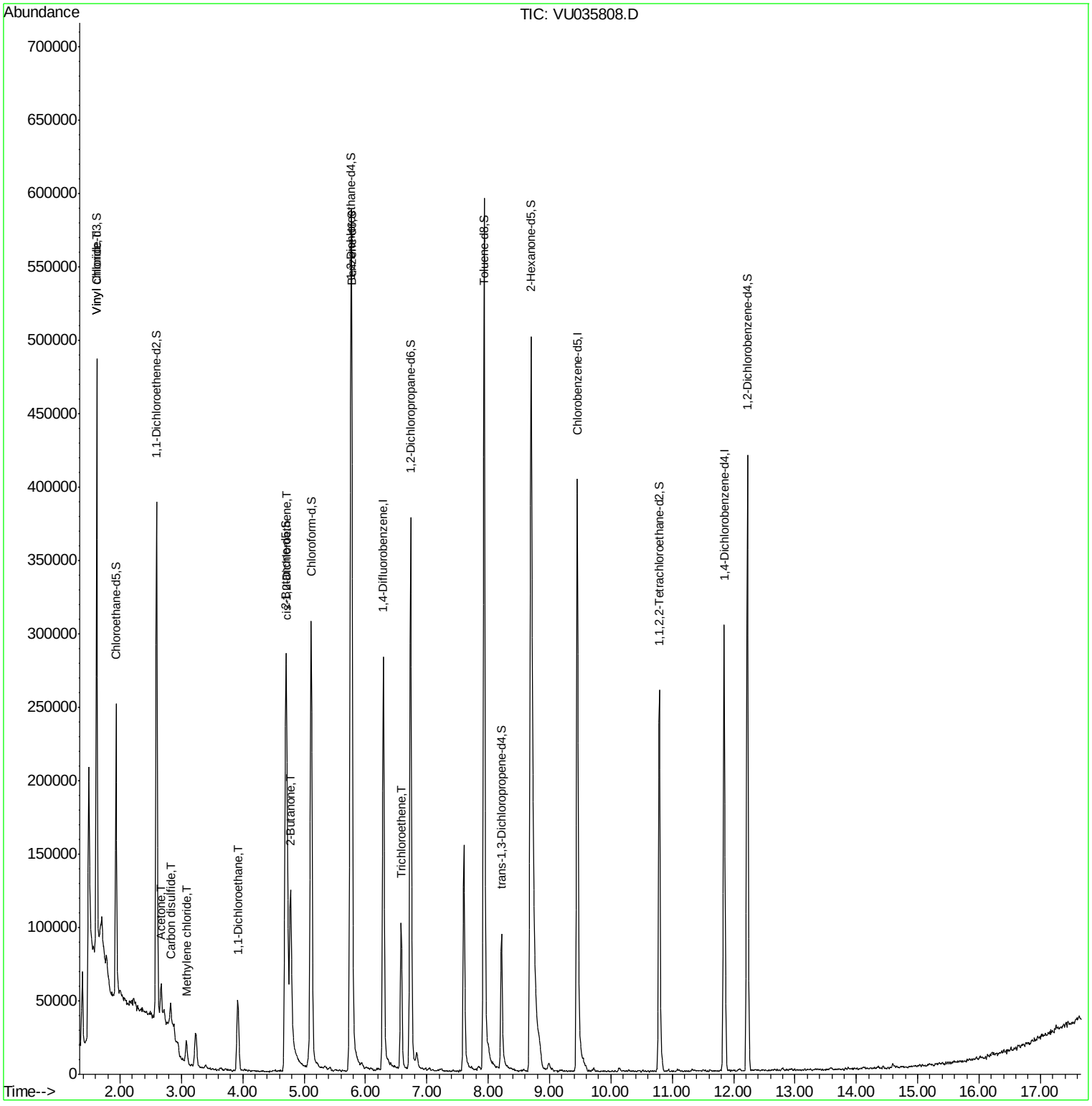
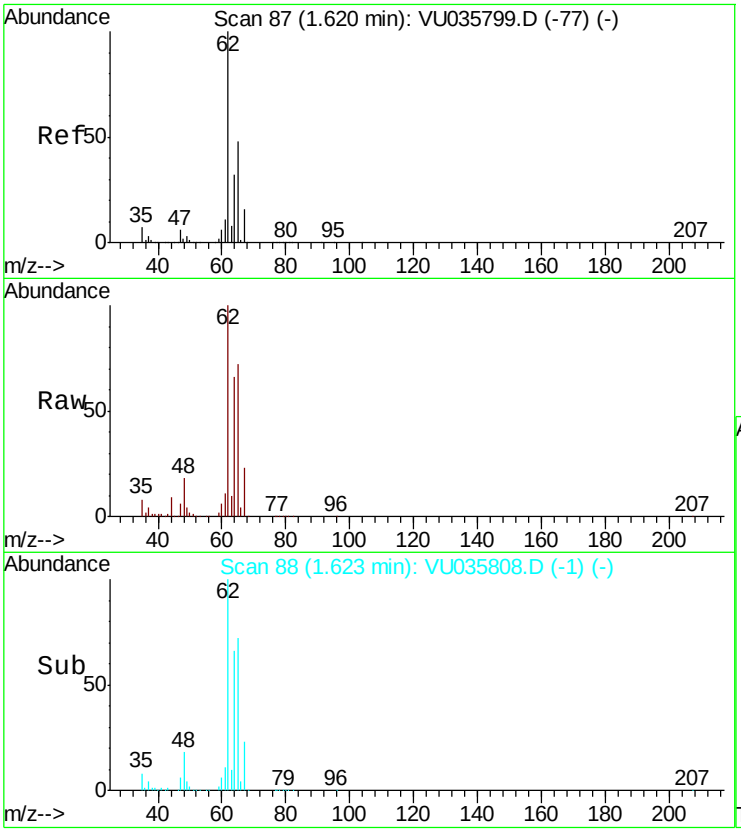


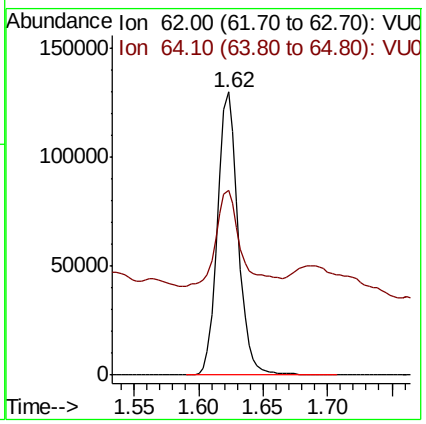


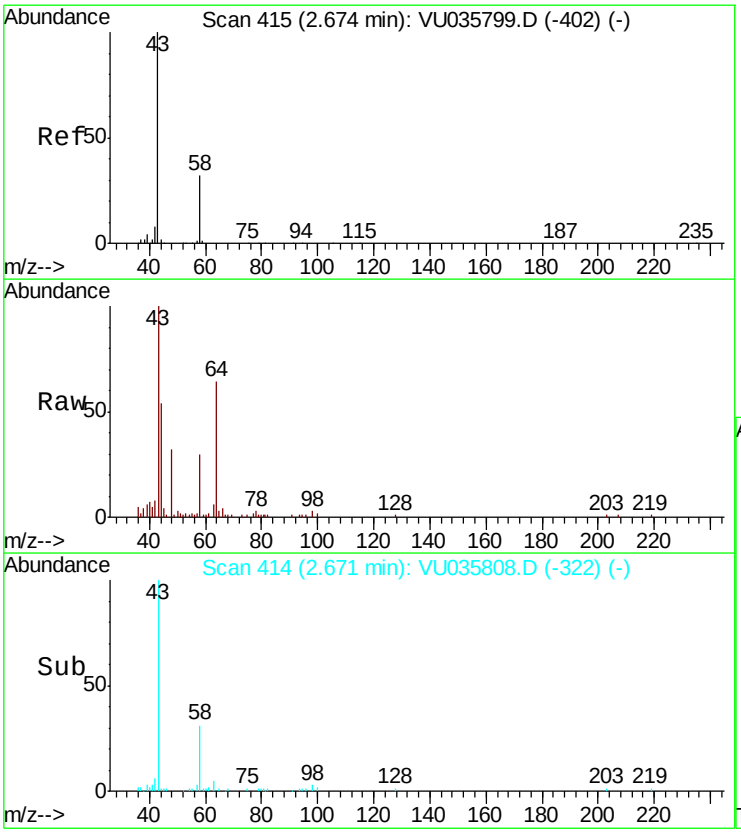
#5
Vinyl chloride
Concen: 4.033 ug/L
RT: 1.62 min Scan# 88
Delta R.T. 0.00 min
Lab File: VU035808.D
Acq: 21 Nov 2019 17:14

Instrument : MSVOA_U
ClientSampleId : B0AB2

Tgt Ion: 62 Resp: 144878

Ion	Ratio	Lower	Upper
62	100		
64	65.5	22.5	41.9#

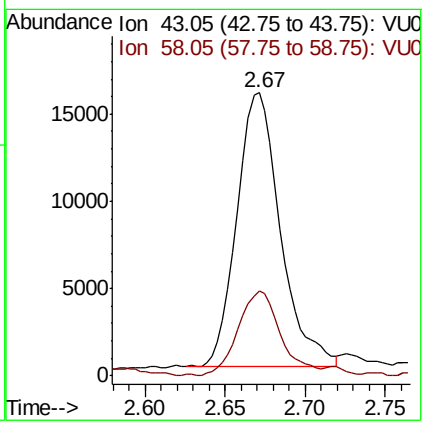


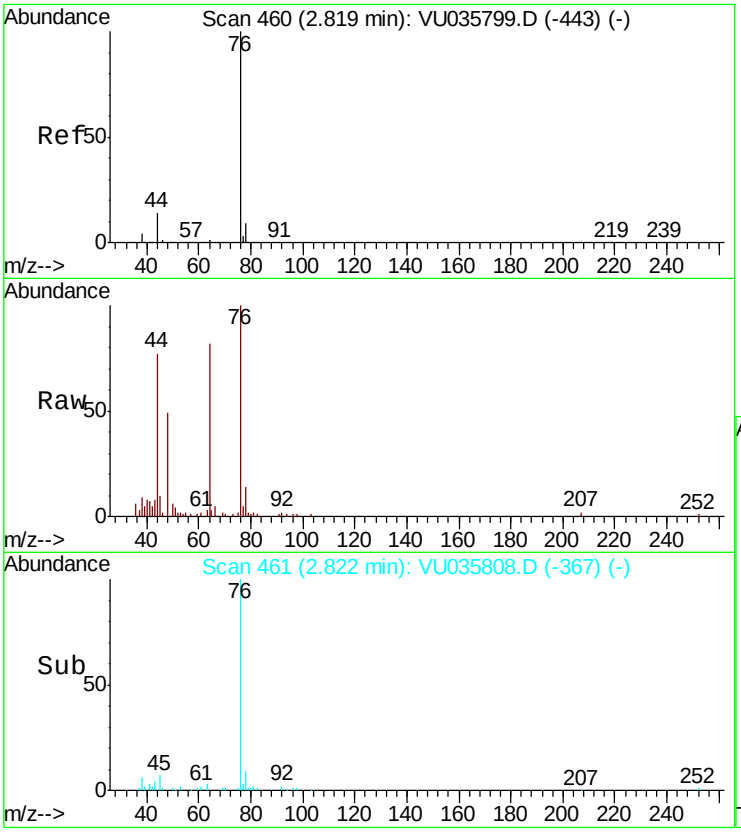


#13
Acetone
Concen: 5.100 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.00 min
Lab File: VU035808.D
Acq: 21 Nov 2019 17:14

Tgt Ion: 43 Resp: 29136

Ion	Ratio	Lower	Upper
43	100		
58	30.4	0.0	61.2



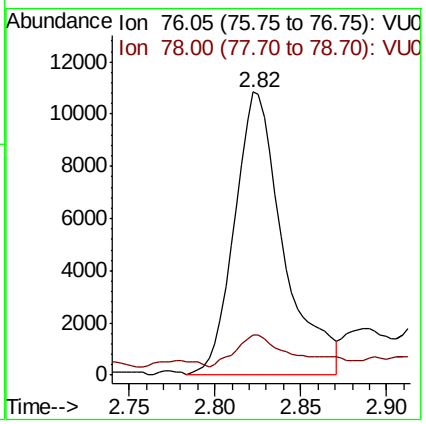


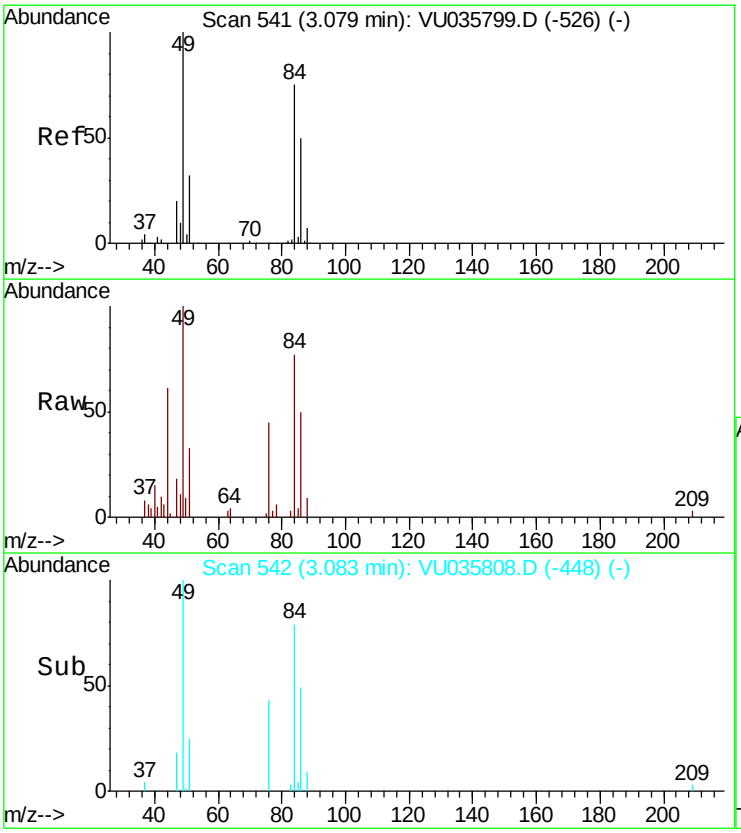
#14
Carbon disulfide
Concen: 0.290 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU035808.D
Acq: 21 Nov 2019 17:14

Instrument :
MSVOA_U
ClientSampleId :
B0AB2

Tgt Ion: 76 Resp: 21535

Ion	Ratio	Lower	Upper
76	100		
78	14.2	7.3	10.9#

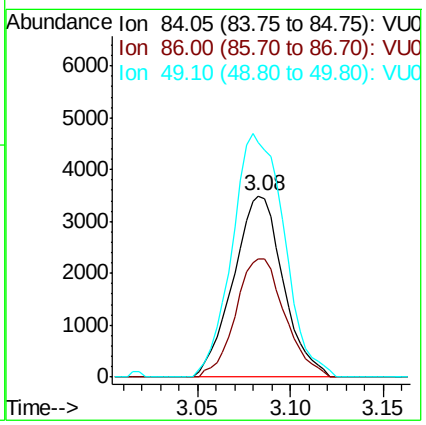


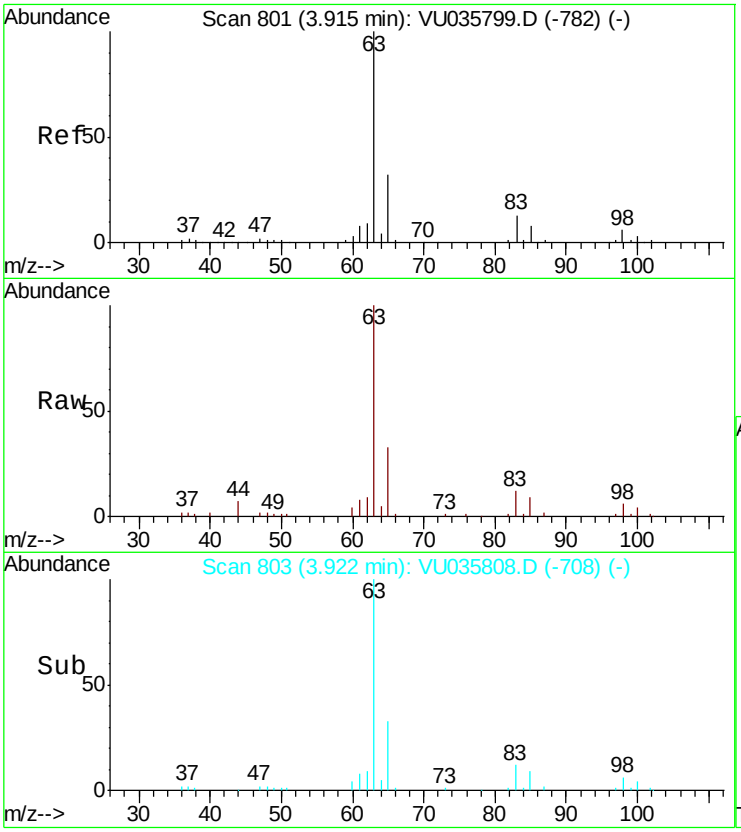


#16
Methylene chloride
Concen: 0.241 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035808.D
Acq: 21 Nov 2019 17:14

Tgt Ion: 84 Resp: 6517

Ion	Ratio	Lower	Upper
84	100		
86	65.2	44.4	82.5
49	129.7	94.0	174.6



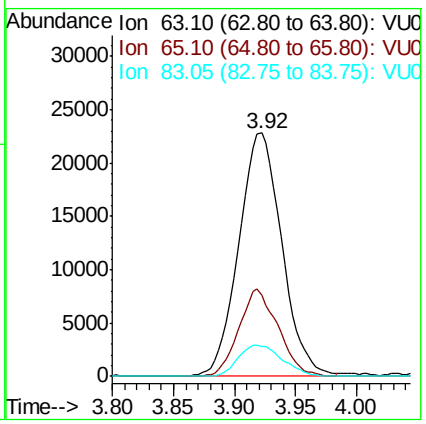


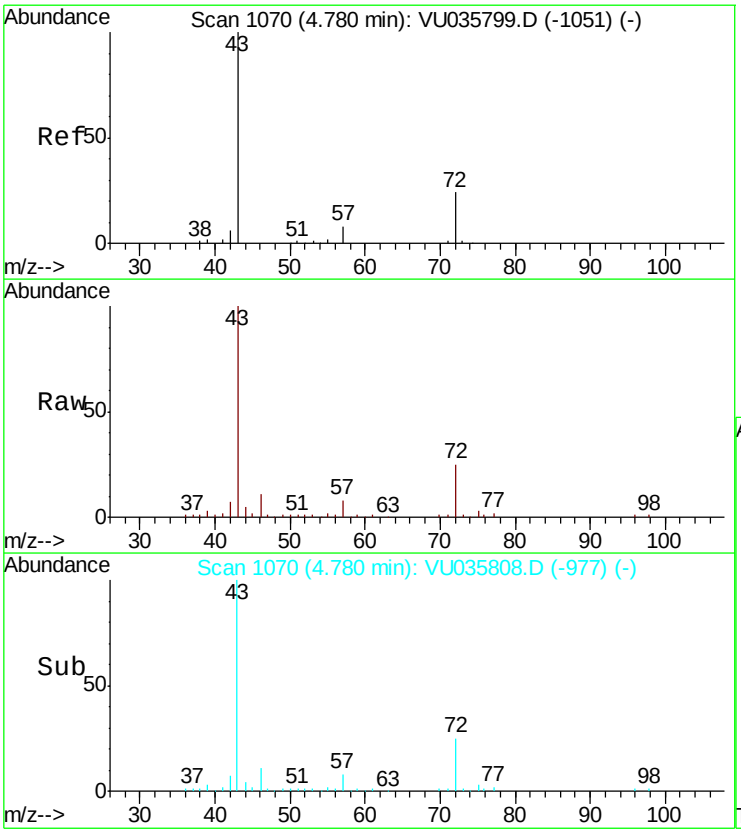
#19
1,1-Dichloroethane
Concen: 1.122 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.01 min
Lab File: VU035808.D
Acq: 21 Nov 2019 17:14

Instrument :
MSVOA_U
ClientSampleId :
B0AB2

Tgt Ion: 63 Resp: 55576

Ion	Ratio	Lower	Upper
63	100		
65	33.2	21.8	40.4
83	12.3	8.6	16.0

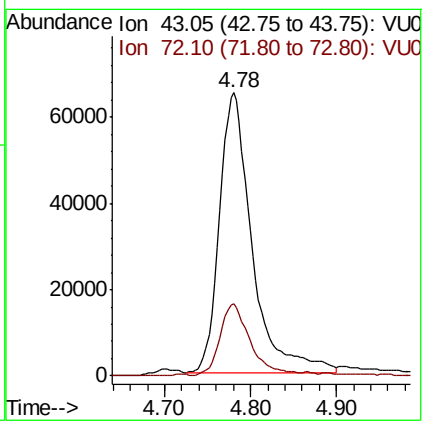


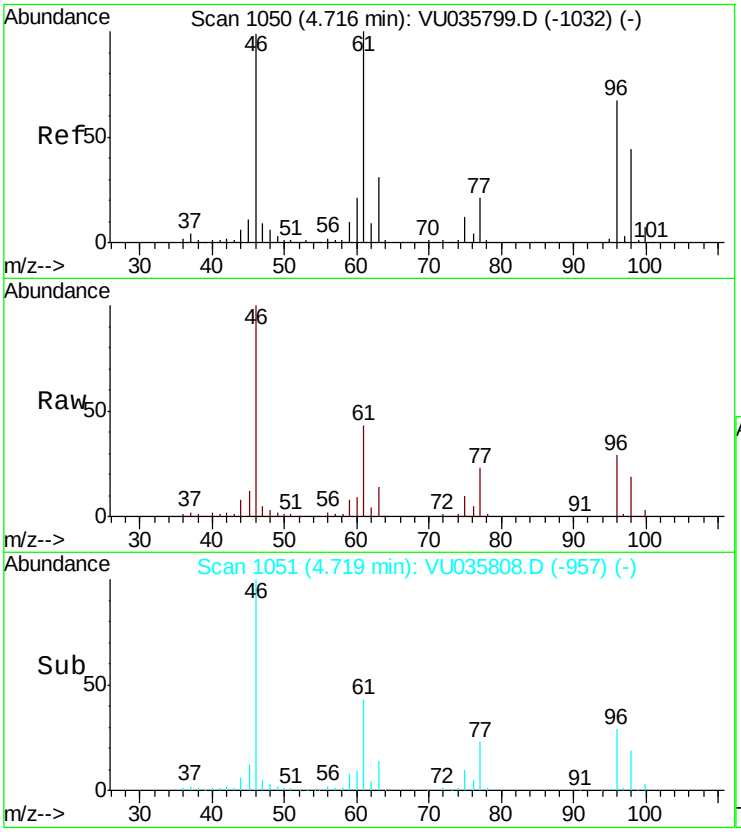


#21
2-Butanone
Concen: 23.875 ug/L
RT: 4.78 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VU035808.D
Acq: 21 Nov 2019 17:14

Tgt Ion: 43 Resp: 172591

Ion	Ratio	Lower	Upper
43	100		
72	23.3	12.4	37.4



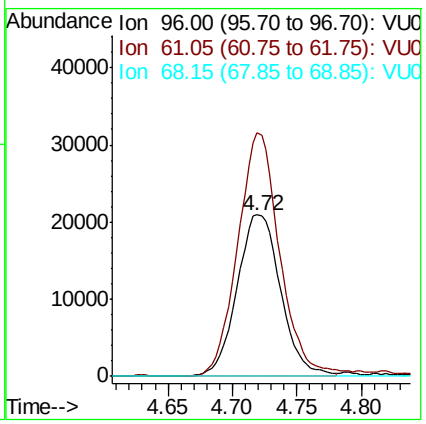


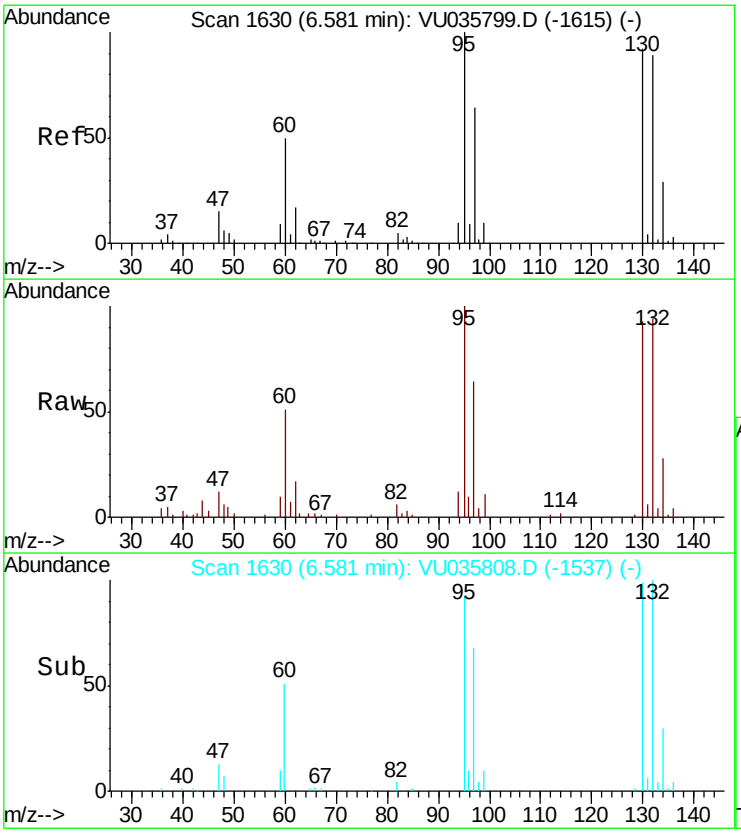
#22
cis-1,2-Dichloroethene
Concen: 2.010 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035808.D
Acq: 21 Nov 2019 17:14

Instrument :
MSVOA_U
ClientSampleId :
B0AB2

Tgt Ion: 96 Resp: 49369

Ion	Ratio	Lower	Upper
96	100		
61	151.1	98.1	182.1
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 1.296 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035808.D
Acq: 21 Nov 2019 17:14

Tgt Ion: 95 Resp: 33543

Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.1	83.9
132	94.1	61.9	114.9
130	93.1	66.3	123.1