

Data File : VU034582.D
Acq On : 16 Sep 2019 22:49
Operator : JC/SP
Sample : K4868-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMN4

Quant Time: Sep 17 05:04:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 05:01:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	285886	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	263796	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	112643	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	64690	46.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.80%
7) Chloroethane-d5	1.67	69	53650	50.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.16%
11) 1,1-Dichloroethene-d2	2.26	63	105413	37.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.70%
21) 2-Butanone-d5	4.15	46	168908	108.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.60%
24) Chloroform-d	4.62	84	156379	49.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.88%
26) 1,2-Dichloroethane-d4	5.29	65	99085	51.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.72%
32) Benzene-d6	5.32	84	296224	51.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.14%
36) 1,2-Dichloropropane-d6	6.31	67	113924	52.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.52%
41) Toluene-d8	7.54	98	283062	50.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.52%
43) trans-1,3-Dichloropropene-	7.83	79	48347	46.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.88%
47) 2-Hexanone-d5	8.29	63	120150	102.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.58%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	170138	50.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.86%
64) 1,2-Dichlorobenzene-d4	11.84	152	101385	50.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.90%

Target Compounds

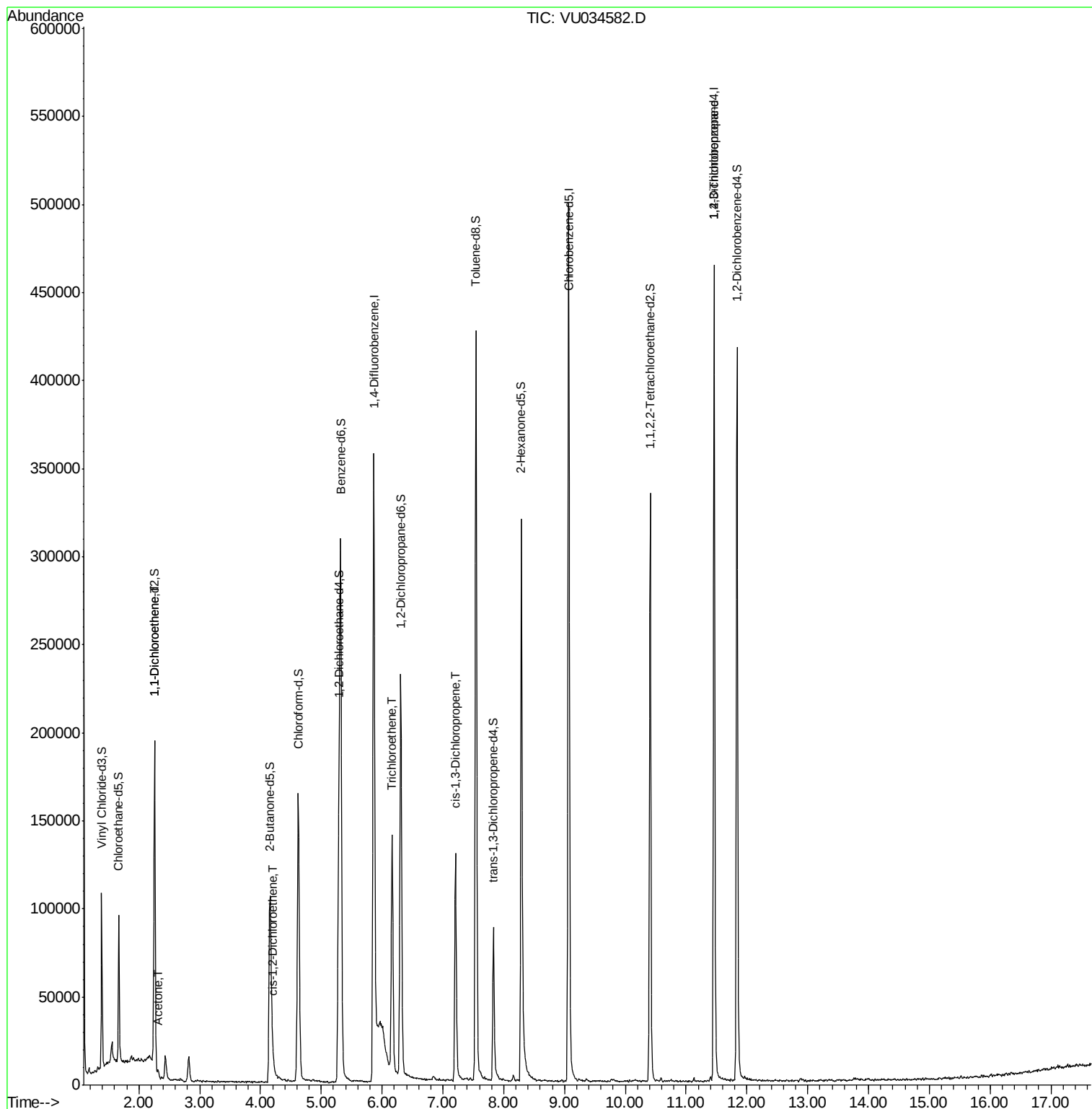
					Qvalue
12) 1,1-Dichloroethene	2.27	96	3074	2.262 ug/L #	1
13) Acetone	2.31	43	2430	1.739 ug/L	99
20) cis-1,2-Dichloroethene	4.21	96	1485	0.789 ug/L	75
34) Trichloroethene	6.16	95	47073	28.241 ug/L	94
39) cis-1,3-Dichloropropene	7.21	75	3665	1.201 ug/L #	52
59) 1,2,3-Trichloropropane	11.46	75	17818	6.423 ug/L	91

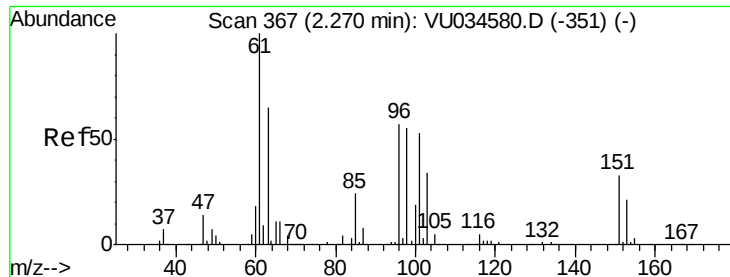
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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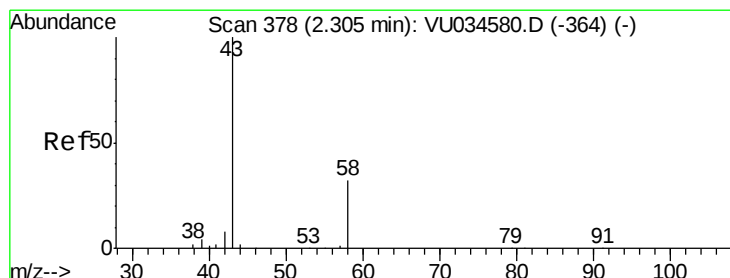
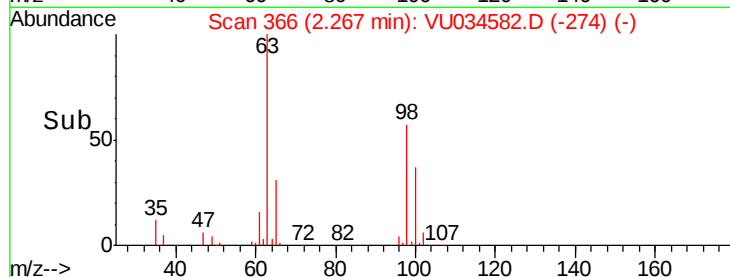
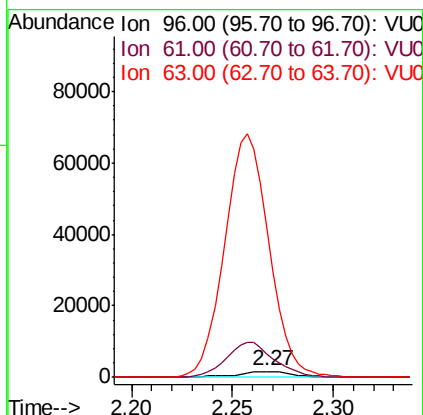
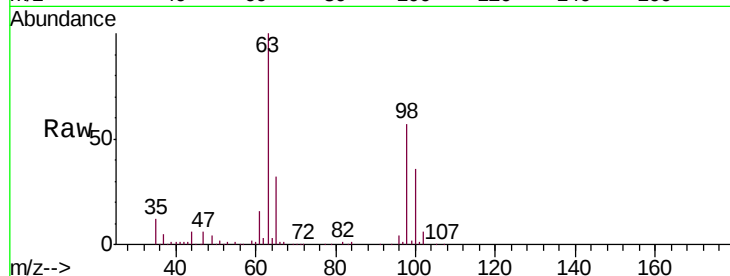




#12
 1,1-Dichloroethene
 Concen: 2.262 ug/L
 RT: 2.27 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: VU034582.D
 Acq: 16 Sep 2019 22:49

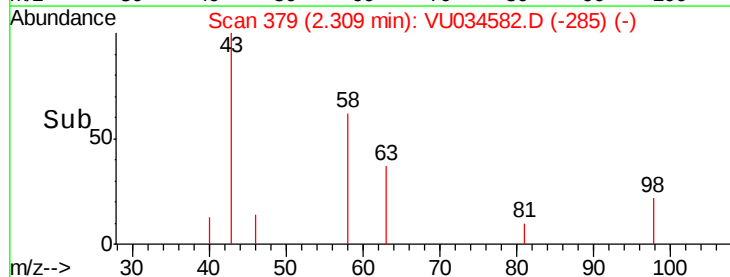
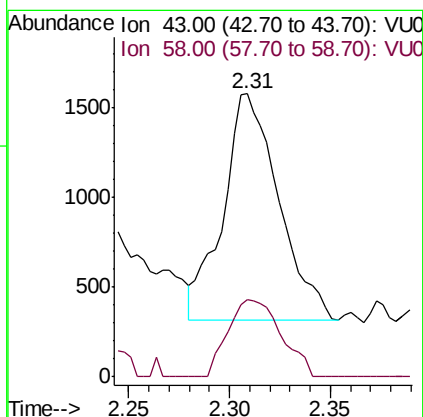
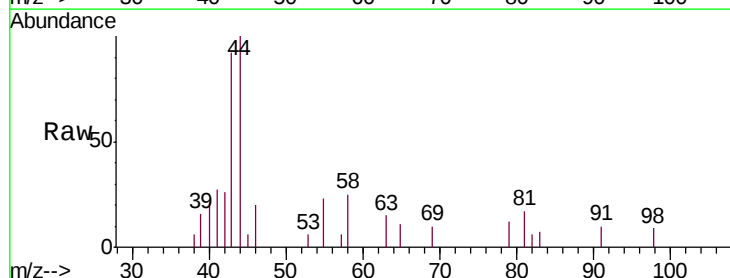
Instrument :
 MSVOA_U
 ClientSampleId :
 COMN4

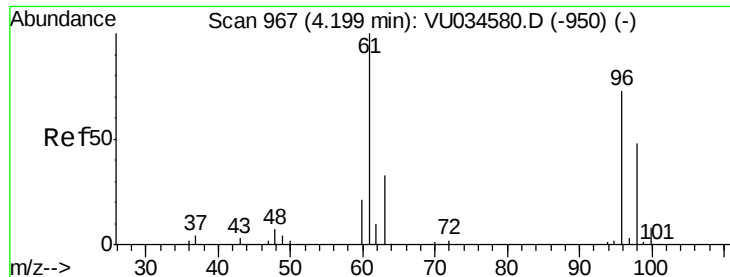
Tgt Ion: 96 Resp: 3074
 Ion Ratio Lower Upper
 96 100
 61 397.6 117.8 218.8#
 63 2540.8 83.8 155.6#



#13
 Acetone
 Concen: 1.739 ug/L
 RT: 2.31 min Scan# 379
 Delta R.T. 0.00 min
 Lab File: VU034582.D
 Acq: 16 Sep 2019 22:49

Tgt Ion: 43 Resp: 2430
 Ion Ratio Lower Upper
 43 100
 58 32.8 0.0 65.0

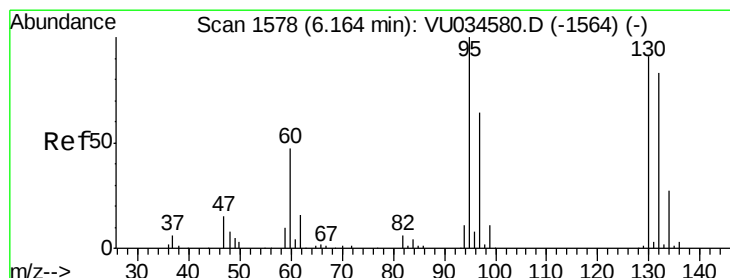
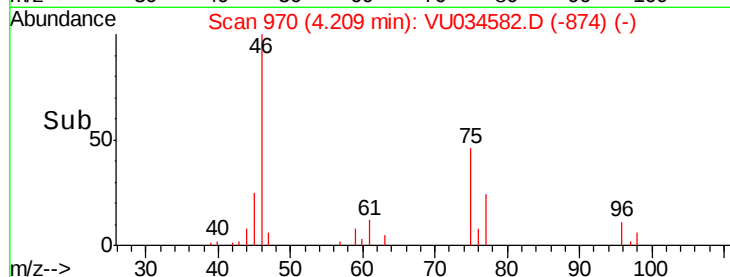
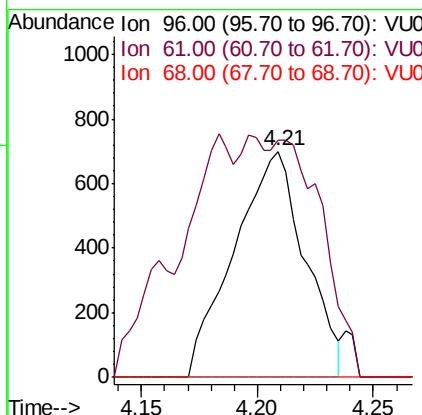
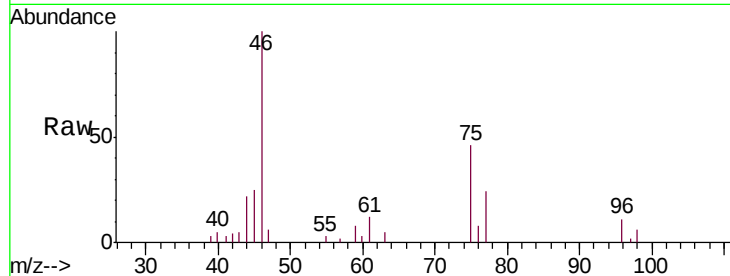




#20
 cis-1,2-Dichloroethene
 Concen: 0.789 ug/L
 RT: 4.21 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: VU034582.D
 Acq: 16 Sep 2019 22:49

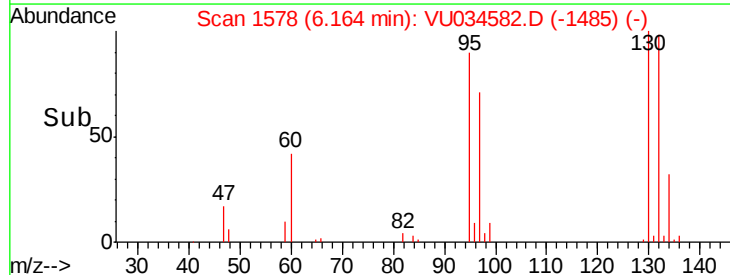
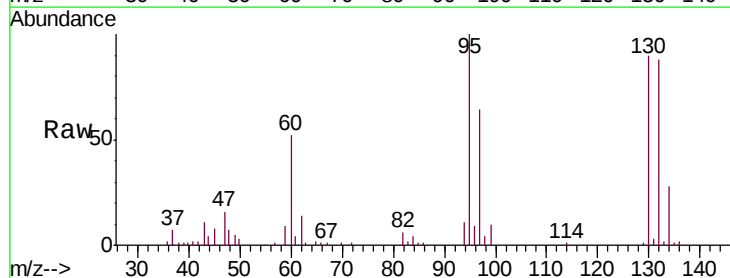
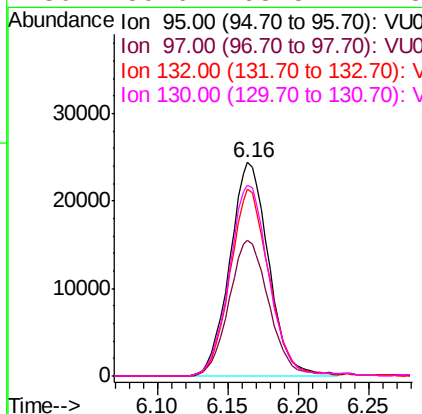
Instrument :
 MSVOA_U
 ClientSampled :
 COMN4

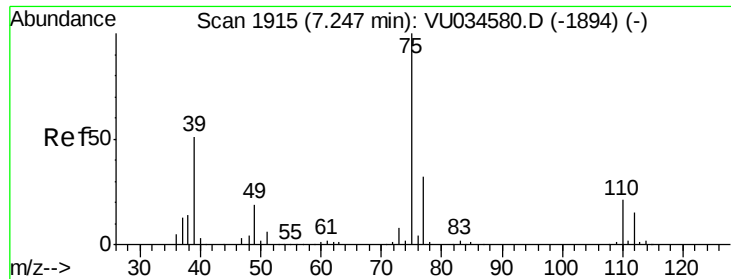
Tgt Ion: 96 Resp: 1485
 Ion Ratio Lower Upper
 96 100
 61 105.0 94.7 175.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 28.241 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VU034582.D
 Acq: 16 Sep 2019 22:49

Tgt Ion: 95 Resp: 47073
 Ion Ratio Lower Upper
 95 100
 97 63.8 45.4 84.4
 132 87.5 65.2 121.0
 130 89.6 68.5 127.3

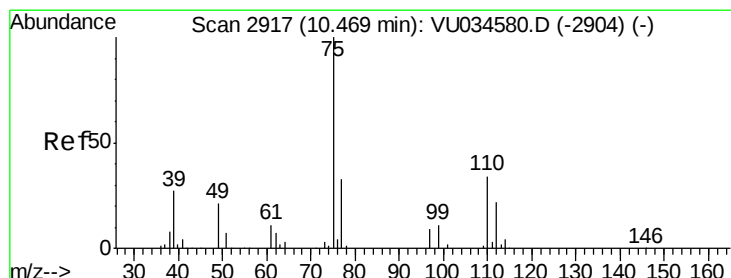
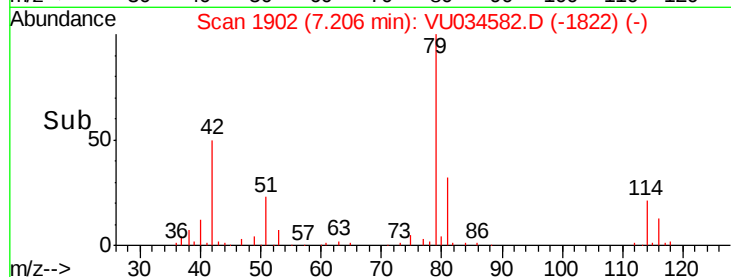
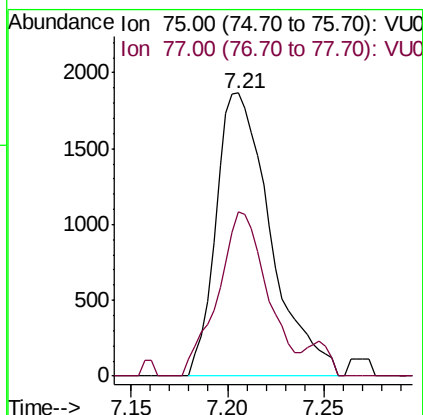
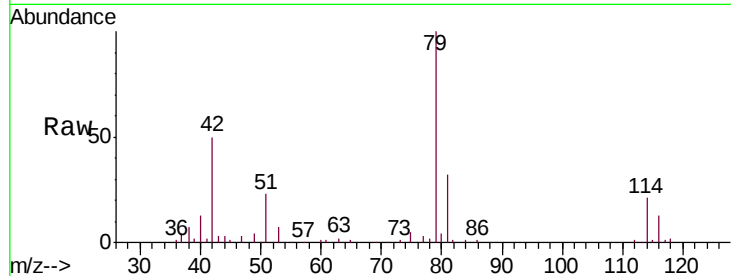




#39
 cis-1,3-Dichloropropene
 Concen: 1.201 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.04 min
 Lab File: VU034582.D
 Acq: 16 Sep 2019 22:49

Instrument :
 MSVOA_U
 ClientSampleId :
 COMN4

Tgt Ion: 75 Resp: 3665
 Ion Ratio Lower Upper
 75 100
 77 58.2 22.3 41.3#



#59
 1,2,3-Trichloropropane
 Concen: 6.423 ug/L
 RT: 11.46 min Scan# 3225
 Delta R.T. 0.99 min
 Lab File: VU034582.D
 Acq: 16 Sep 2019 22:49

Tgt Ion: 75 Resp: 17818
 Ion Ratio Lower Upper
 75 100
 77 37.8 26.1 39.1

