

Data File : VU034563.D
Acq On : 16 Sep 2019 14:38
Operator : JC/SP
Sample : K4867-08DL 4X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0MG7DL

Quant Time: Sep 17 02:57:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 02:36:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	334970	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	313128	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	127328	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	81461	50.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.82%
7) Chloroethane-d5	1.67	69	65904	53.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.04%
11) 1,1-Dichloroethene-d2	2.26	63	131426	39.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.50%
21) 2-Butanone-d5	4.15	46	188708	103.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.56%
24) Chloroform-d	4.62	84	188639	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
26) 1,2-Dichloroethane-d4	5.28	65	117182	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.68%
32) Benzene-d6	5.32	84	361883	52.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.12%
36) 1,2-Dichloropropane-d6	6.31	67	137473	53.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.28%
41) Toluene-d8	7.54	98	349918	52.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.70%
43) trans-1,3-Dichloropropene-	7.83	79	62490	51.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.22%
47) 2-Hexanone-d5	8.29	63	142154	102.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.24%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	203683	50.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.72%
64) 1,2-Dichlorobenzene-d4	11.84	152	126244	55.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.16%

Target Compounds

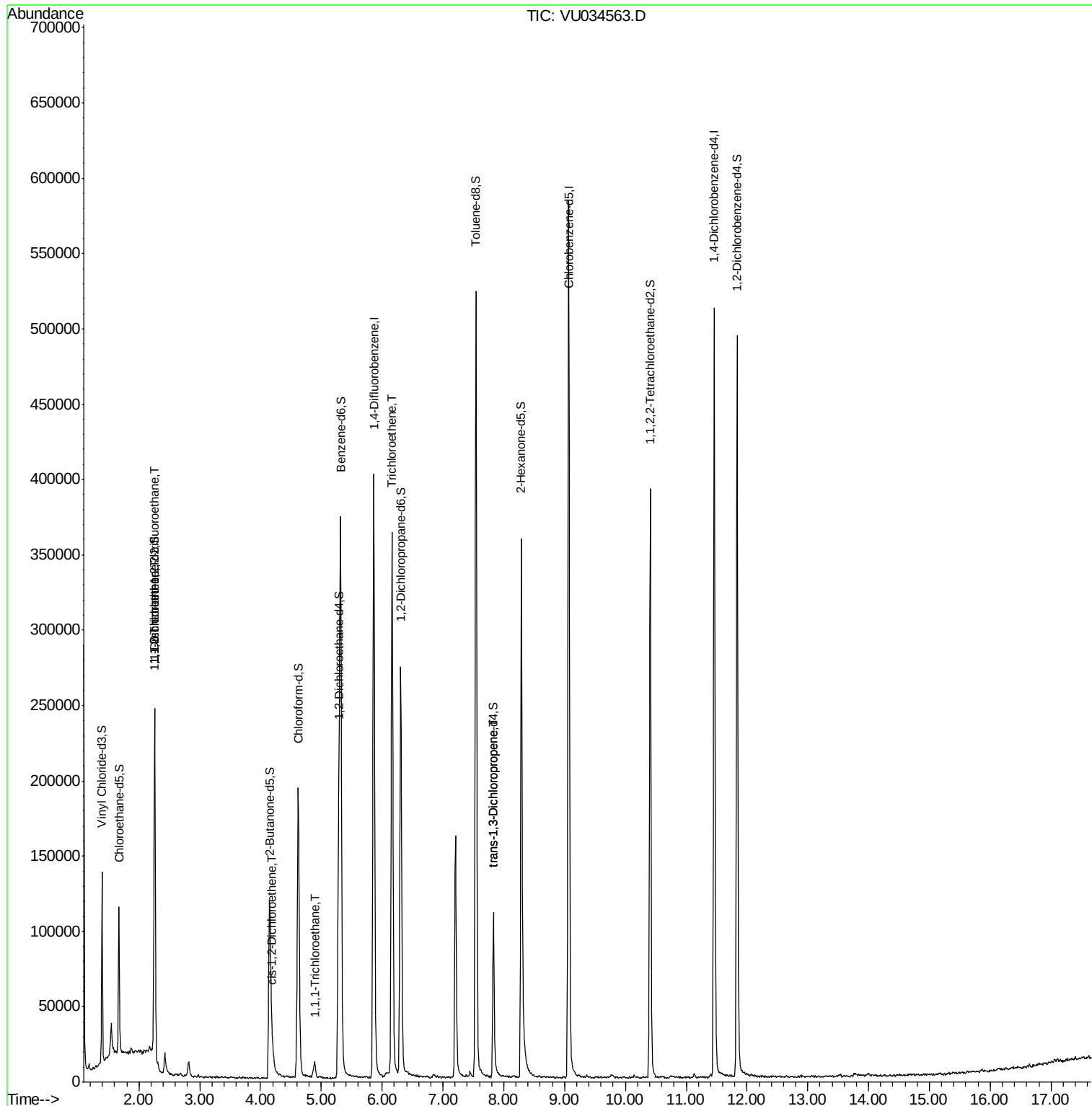
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1359	0.779 ug/L #	30
12) 1,1-Dichloroethene	2.27	96	8598	5.400 ug/L #	1
20) cis-1,2-Dichloroethene	4.20	96	4630	2.098 ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	7666	2.450 ug/L #	87
34) Trichloroethene	6.16	95	128573	64.983 ug/L	96
44) trans-1,3-Dichloropropene	7.83	75	3256	0.980 ug/L	95

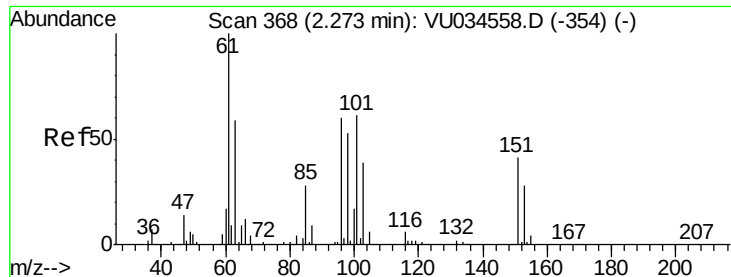
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.779 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

C0MG7DL

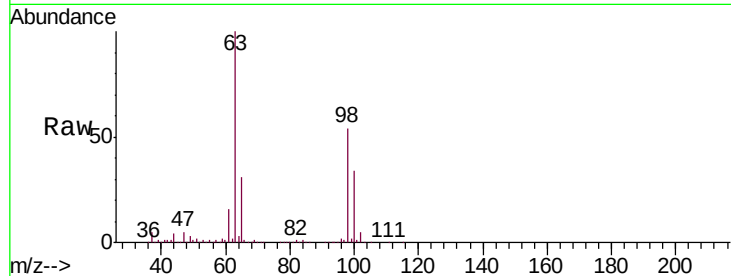
Tgt Ion: 101 Resp: 1359

Ion Ratio Lower Upper

101 100

85 7.7 37.0 55.6#

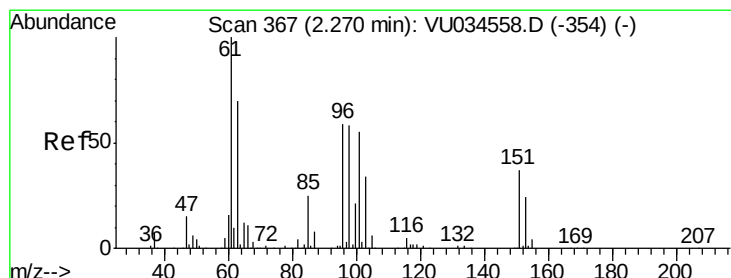
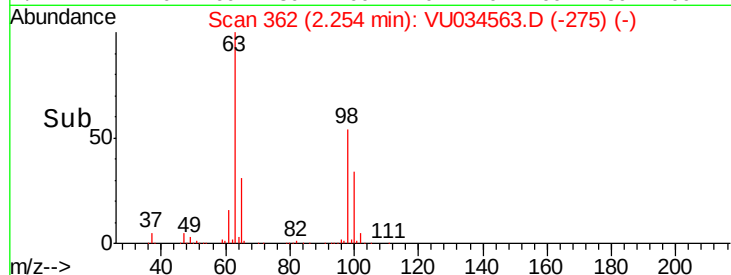
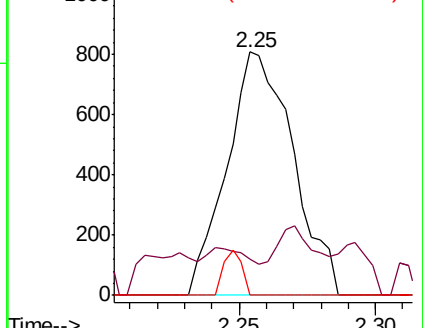
151 5.3 54.1 81.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 5.400 ug/L

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

Lab File: VU034563.D

Acq: 16 Sep 2019 14:38

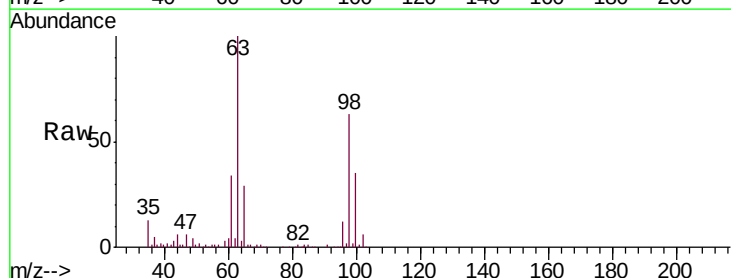
Tgt Ion: 96 Resp: 8598

Ion Ratio Lower Upper

96 100

61 275.0 117.8 218.8#

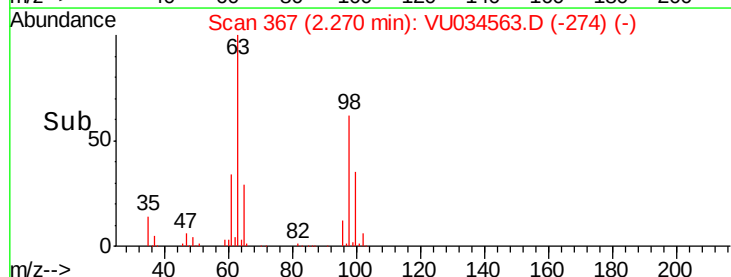
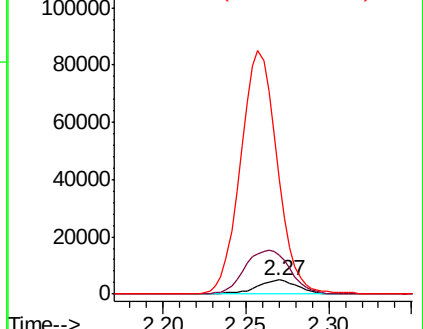
63 807.8 83.8 155.6#

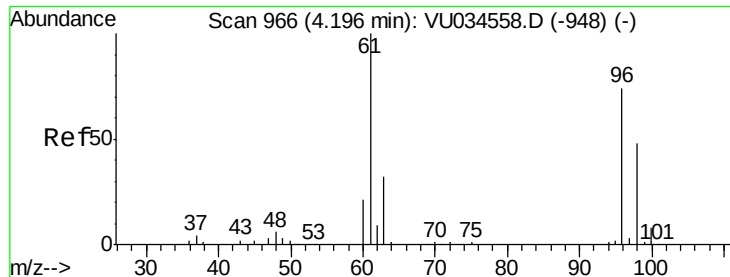


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

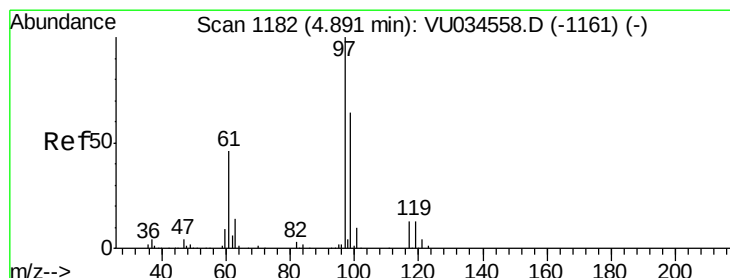
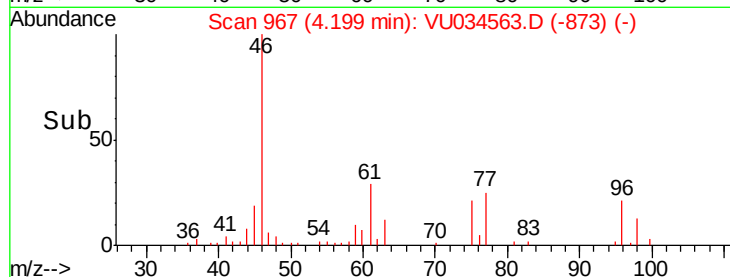
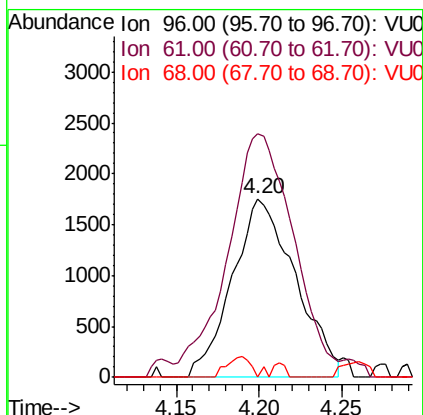
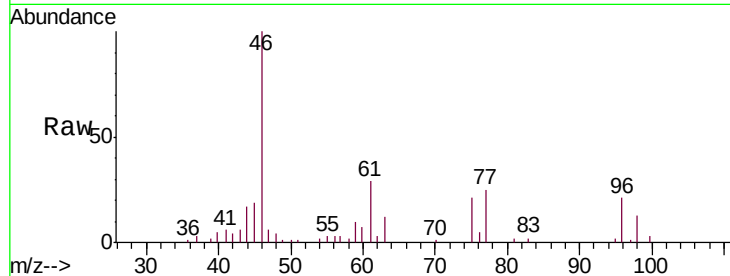




#20
 cis-1,2-Dichloroethene
 Concen: 2.098 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU034563.D
 Acq: 16 Sep 2019 14:38

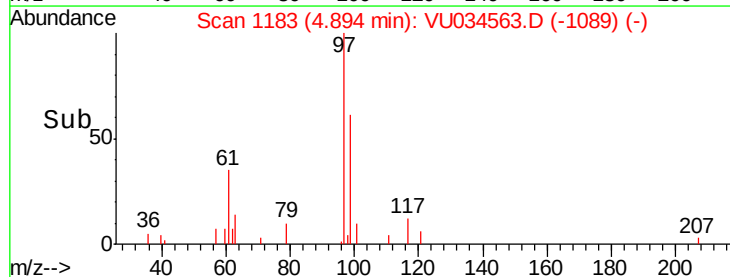
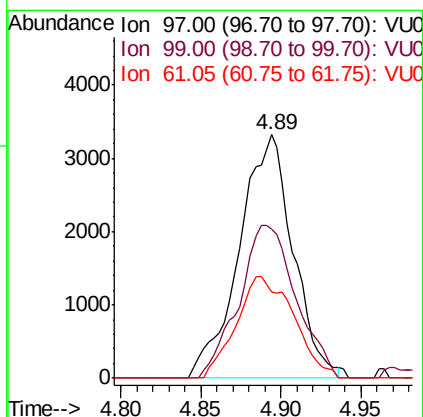
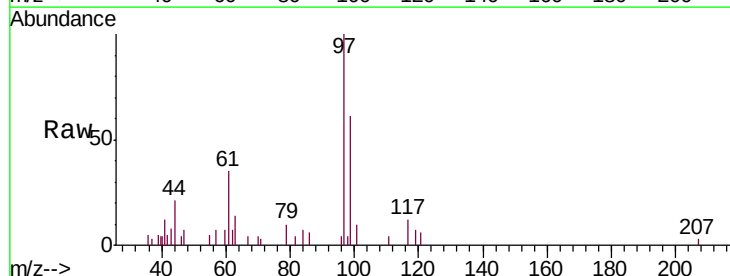
Instrument :
 MSVOA_U
 ClientSampleID :
 C0MG7DL

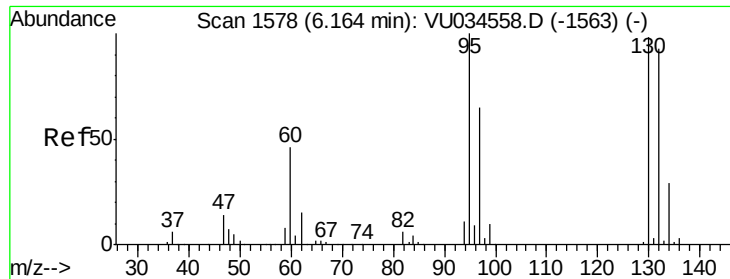
Tgt Ion: 96 Resp: 4630
 Ion Ratio Lower Upper
 96 100
 61 136.5 94.7 175.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 2.450 ug/L
 RT: 4.89 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: VU034563.D
 Acq: 16 Sep 2019 14:38

Tgt Ion: 97 Resp: 7666
 Ion Ratio Lower Upper
 97 100
 99 66.3 50.7 76.1
 61 29.8 36.9 55.3#





#34

Trichloroethene

Concen: 64.983 ug/L

RT: 6.16 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VU034563.D

Acq: 16 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

C0MG7DL

Tgt Ion: 95 Resp: 128573

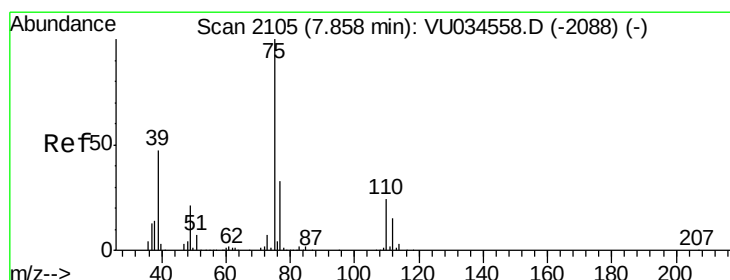
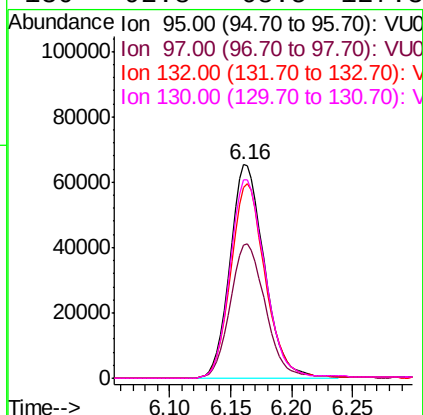
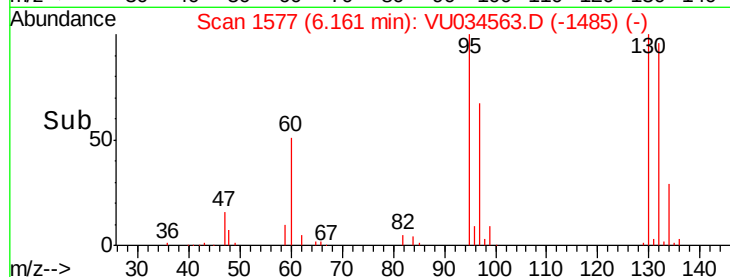
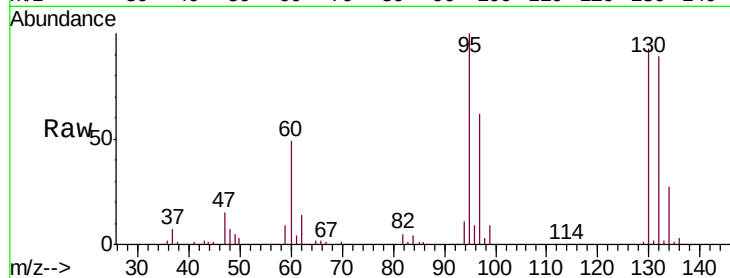
Ion Ratio Lower Upper

95 100

97 62.3 45.4 84.4

132 89.1 65.2 121.0

130 92.8 68.5 127.3



#44

trans-1,3-Dichloropropene

Concen: 0.980 ug/L

RT: 7.83 min Scan# 2096

Delta R.T. -0.03 min

Lab File: VU034563.D

Acq: 16 Sep 2019 14:38

Tgt Ion: 75 Resp: 3256

Ion Ratio Lower Upper

75 100

77 35.6 22.9 42.5

