

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013120\
 Data File : VU036660.D
 Acq On : 31 Jan 2020 23:27
 Operator : JC/MD
 Sample : L1326-02DL 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCS4DL

Quant Time: Feb 01 00:49:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 01 00:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	282611	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	256099	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	104786	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	123469	47.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.84%
7) Chloroethane-d5	1.92	69	100184	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.58%
11) 1,1-Dichloroethene-d2	2.59	63	148617	36.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.72%
21) 2-Butanone-d5	4.68	46	143899	90.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.72%
24) Chloroform-d	5.11	84	177307	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	5.75	65	123255	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
32) Benzene-d6	5.77	84	395792	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.08%
36) 1,2-Dichloropropane-d6	6.73	67	129405	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.56%
41) Toluene-d8	7.93	98	359546	50.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.52%
43) trans-1,3-Dichloropropene-	8.21	79	59817	48.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.52%
47) 2-Hexanone-d5	8.67	63	140931	99.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.22%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	173701	47.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.92%
64) 1,2-Dichlorobenzene-d4	12.21	152	108952	49.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.66%

Target Compounds

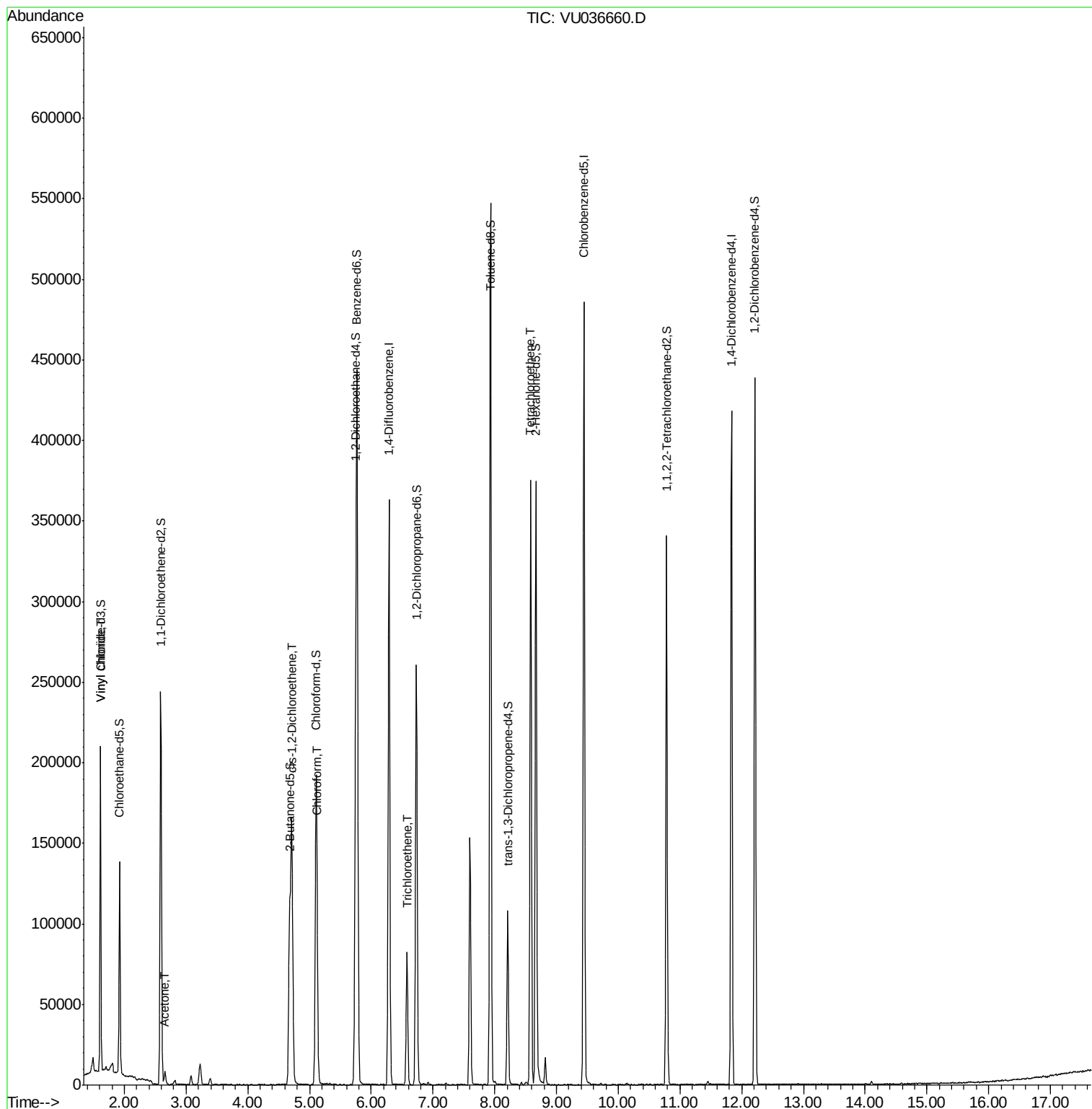
					Ovalue
5) Vinyl chloride	1.62	62	13035	4.657 ug/L	# 44
13) Acetone	2.66	43	8165	6.053 ug/L	100
20) cis-1,2-Dichloroethene	4.71	96	73949	33.605 ug/L	98
25) Chloroform	5.13	83	8040	2.197 ug/L	97
34) Trichloroethene	6.58	95	27924	14.068 ug/L	97
46) Tetrachloroethene	8.58	164	80217	54.910 ug/L	98

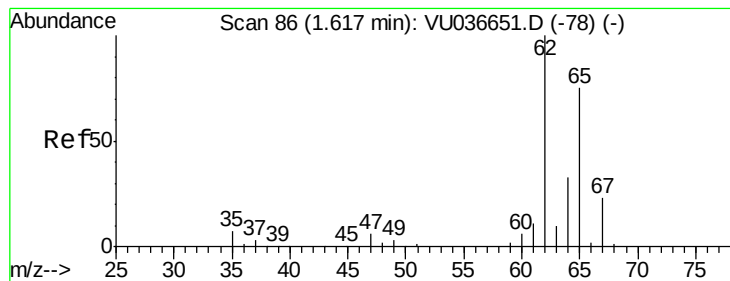
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Feb 01 00:19:17 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.657 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU036660.D

Acq: 31 Jan 2020 23:27

Instrument :

MSVOA_U

ClientSampleId :

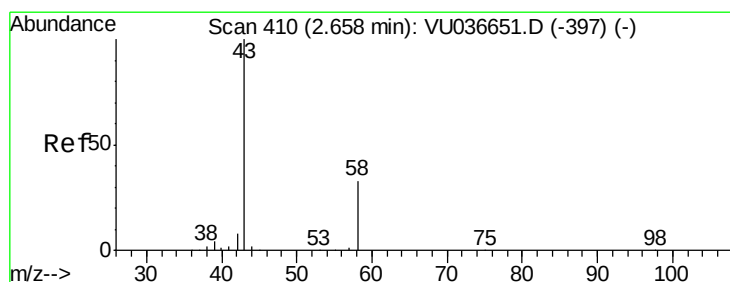
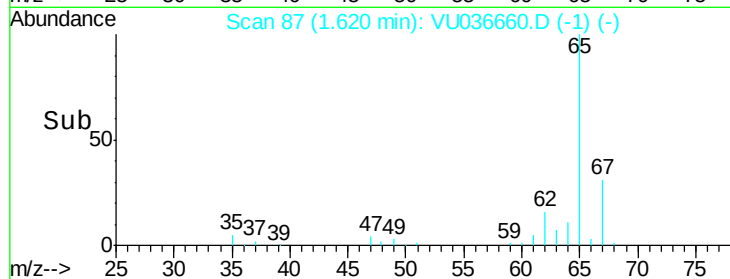
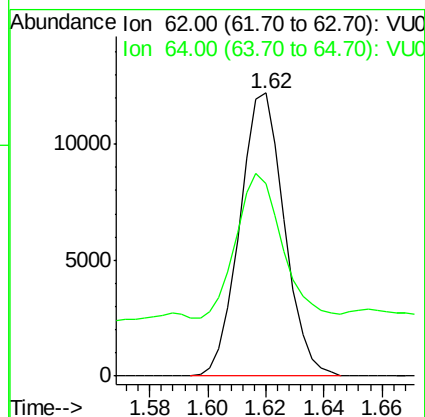
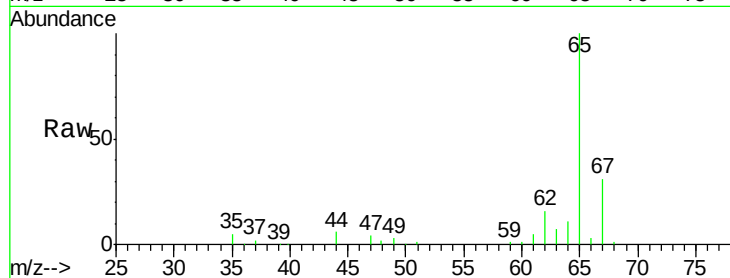
DBCS4DL

Tot Ion: 62 Resp: 13035

Ion Ratio Lower Upper

62 100

64 68.1 24.7 45.9#



#13

Acetone

Concen: 6.053 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU036660.D

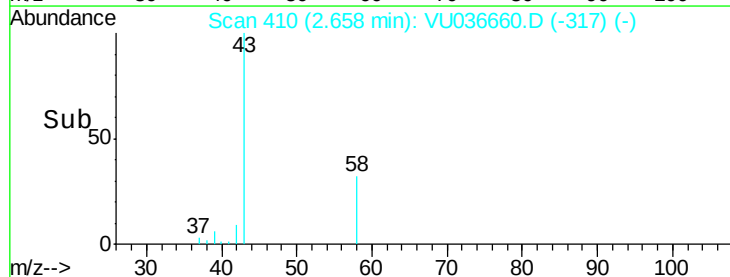
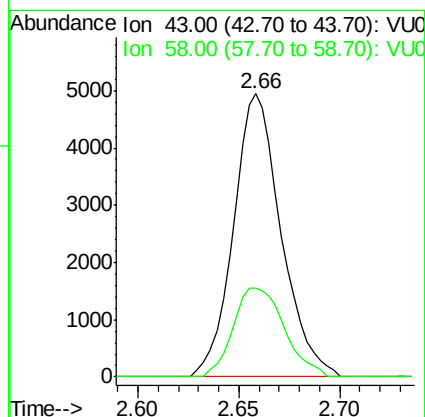
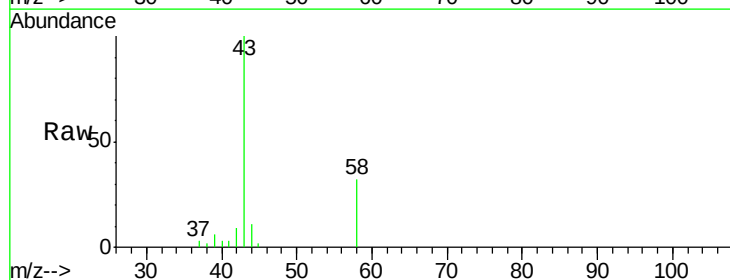
Acq: 31 Jan 2020 23:27

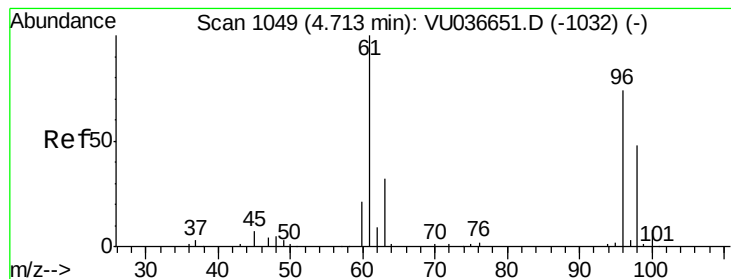
Tgt Ion: 43 Resp: 8165

Ion Ratio Lower Upper

43 100

58 33.8 0.0 67.8





#20

cis-1,2-Dichloroethene

Concen: 33.605 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VU036660.D

Acq: 31 Jan 2020 23:27

Instrument :

MSVOA_U

ClientSampleId :

DBCS4DL

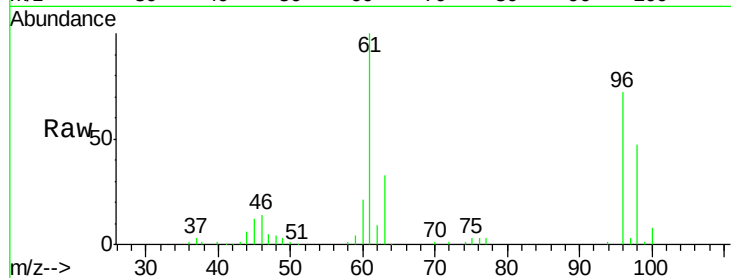
Tot Ion: 96 Resp: 73949

Ion Ratio Lower Upper

96 100

61 138.4 94.9 176.3

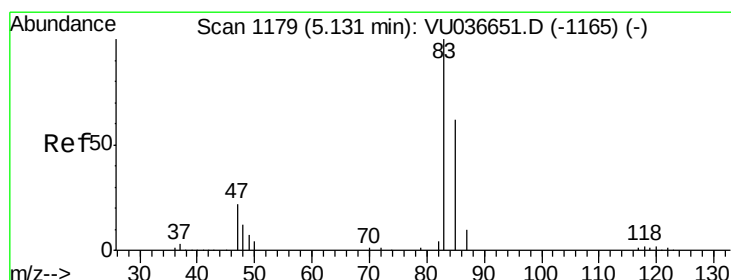
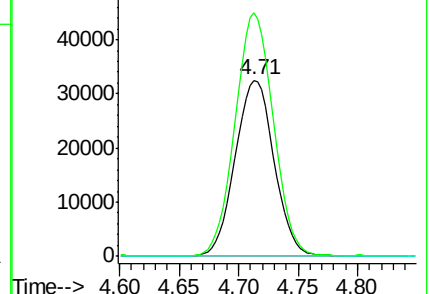
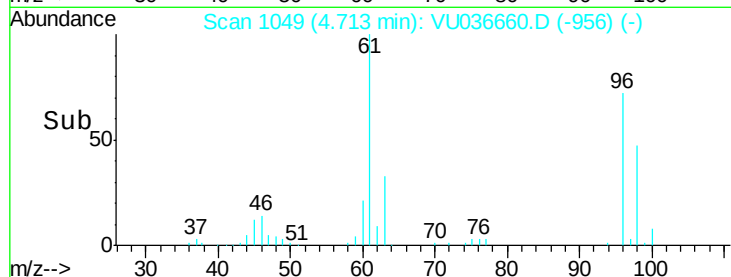
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036660.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU036660.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU036660.D (-956) (-)



#25

Chloroform

Concen: 2.197 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VU036660.D

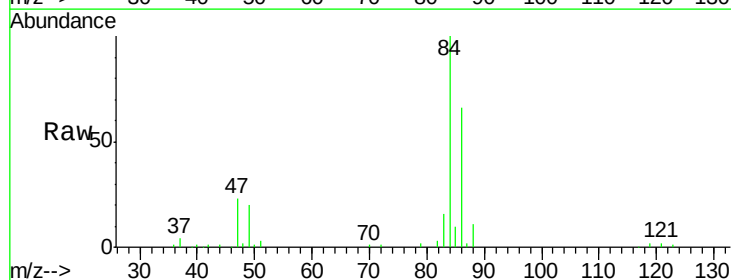
Acq: 31 Jan 2020 23:27

Tgt Ion: 83 Resp: 8040

Ion Ratio Lower Upper

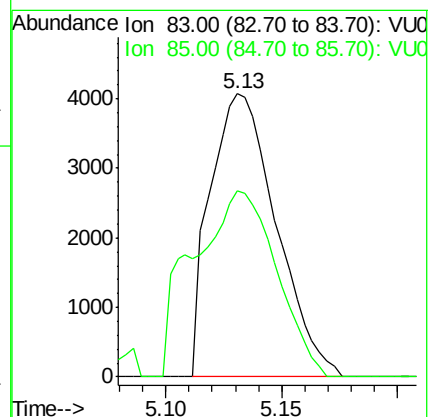
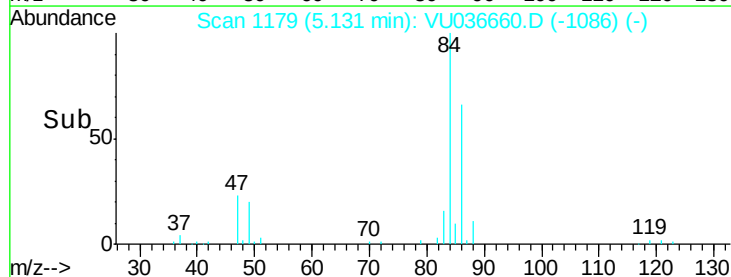
83 100

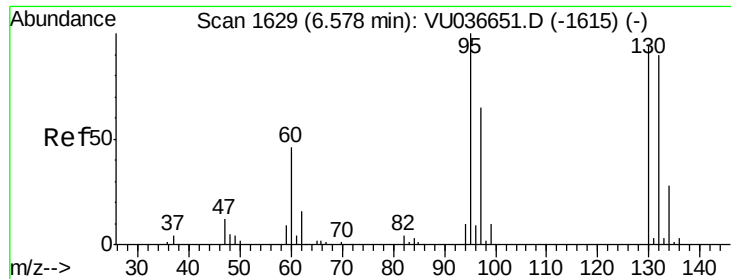
85 65.5 44.3 82.3



Abundance Ion 83.00 (82.70 to 83.70): VU036660.D (-1086) (-)

Ion 85.00 (84.70 to 85.70): VU036660.D (-1086) (-)

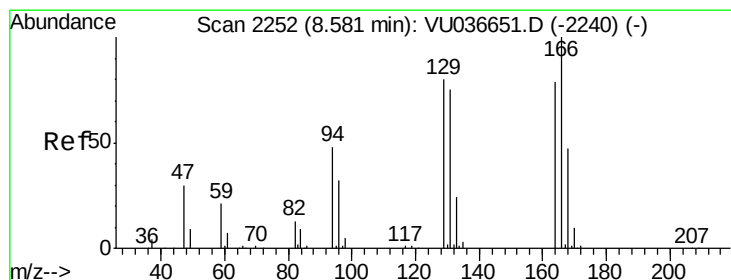
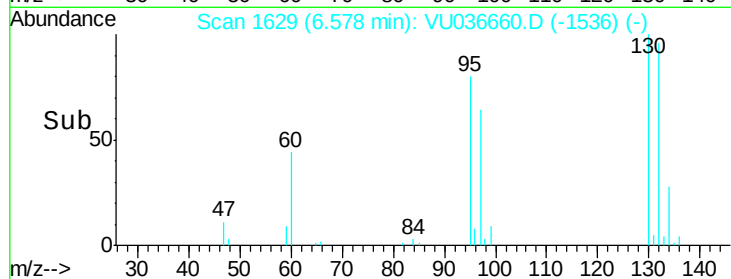
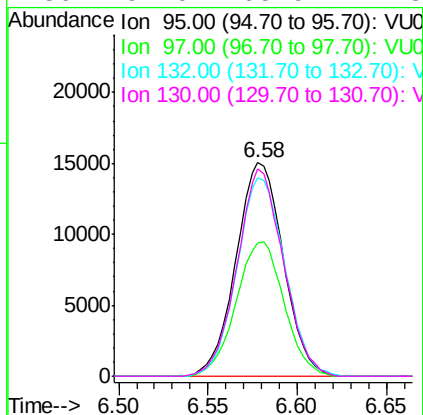
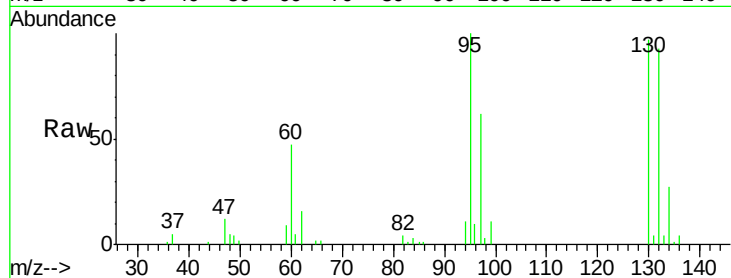




#34
 Trichloroethene
 Concen: 14.068 ug/L
 RT: 6.58 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VU036660.D
 Acq: 31 Jan 2020 23:27

Instrument :
 MSVOA_U
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 DBCS4DL

Tot Ion:	95	Resp:	27924
Ion	Ratio	Lower	Upper
95	100		
97	62.4	45.4	84.4
132	92.9	63.2	117.4
130	97.0	65.9	122.3



#46
 Tetrachloroethene
 Concen: 54.910 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU036660.D
 Acq: 31 Jan 2020 23:27

Tgt Ion:	164	Resp:	80217
Ion	Ratio	Lower	Upper
164	100		
129	99.7	71.1	132.1
131	96.8	66.9	124.3
166	129.4	89.0	165.4

