

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013120\
 Data File : VU036659.D
 Acq On : 31 Jan 2020 23:02
 Operator : JC/MD
 Sample : L1326-06DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCS8DL

Quant Time: Feb 01 00:45:39 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	288269	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	263548	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	105106	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	124813	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.98%
7) Chloroethane-d5	1.92	69	101583	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.59	63	150422	36.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.14%
21) 2-Butanone-d5	4.67	46	151454	93.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.60%
24) Chloroform-d	5.11	84	179215	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.04%
26) 1,2-Dichloroethane-d4	5.75	65	125110	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.10%
32) Benzene-d6	5.77	84	398604	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
36) 1,2-Dichloropropane-d6	6.73	67	133582	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.88%
41) Toluene-d8	7.93	98	359697	48.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.72%
43) trans-1,3-Dichloropropene-	8.21	79	59143	46.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.74%
47) 2-Hexanone-d5	8.66	63	141454	96.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.78%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	177155	47.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.06%
64) 1,2-Dichlorobenzene-d4	12.21	152	111001	50.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.22%

Target Compounds

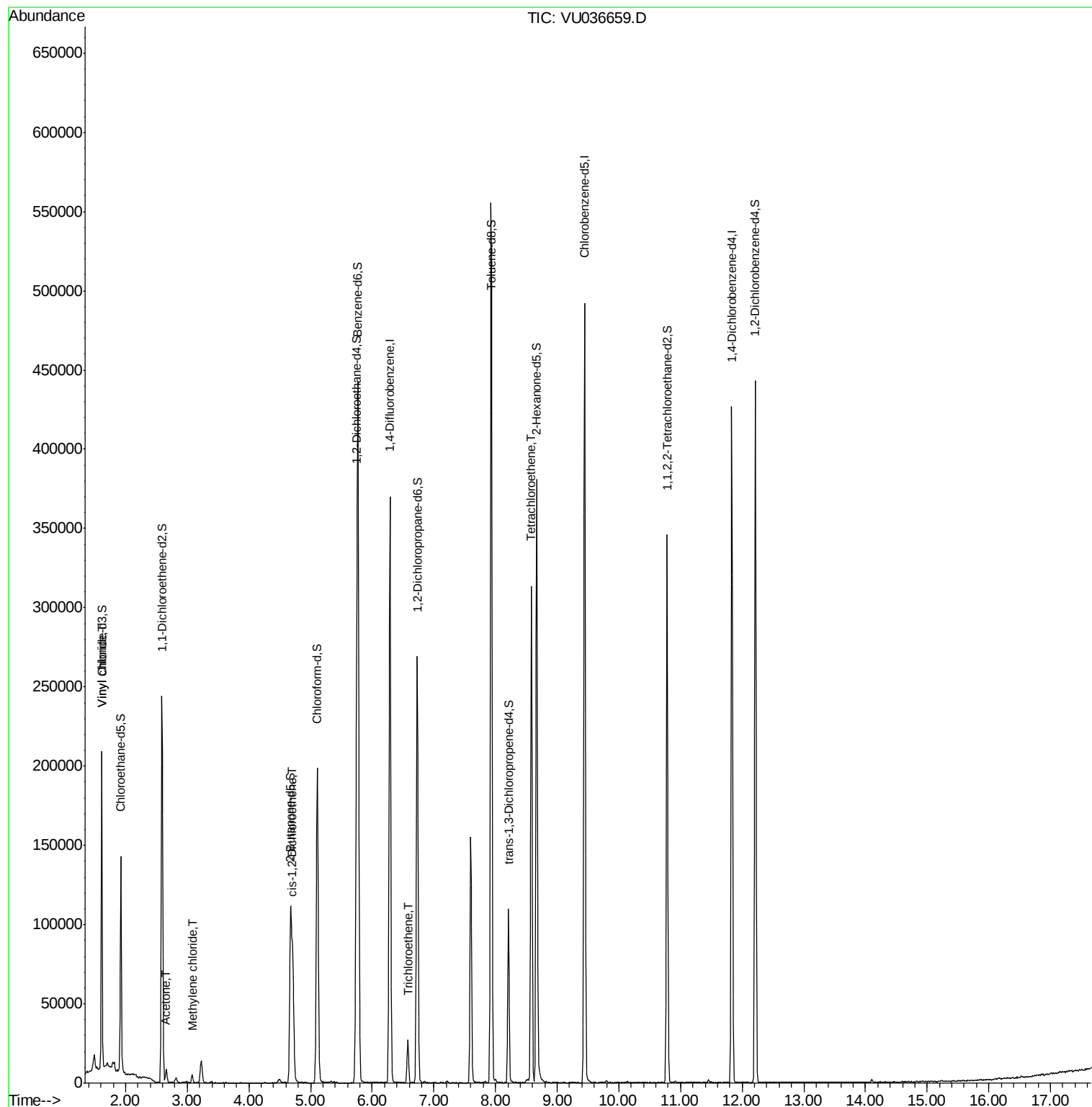
					Ovalue
5) Vinyl chloride	1.62	62	8845	3.098 ug/L	# 20
13) Acetone	2.66	43	8407	6.110 ug/L	98
16) Methylene chloride	3.08	84	2353	1.023 ug/L	86
20) cis-1,2-Dichloroethene	4.71	96	33022	14.712 ug/L	95
34) Trichloroethene	6.58	95	9079	4.445 ug/L	97
46) Tetrachloroethene	8.58	164	67806	45.103 ug/L	96

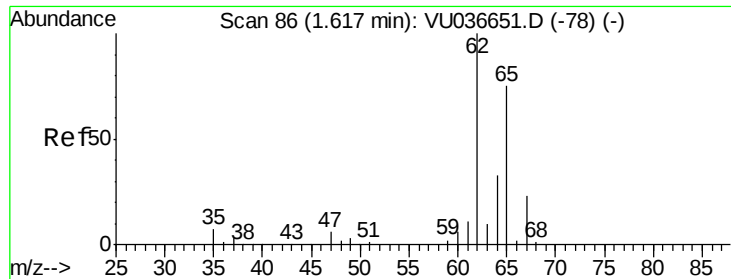
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 3.098 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU036659.D

Acq: 31 Jan 2020 23:02

Instrument :

MSVOA_U

ClientSampleId :

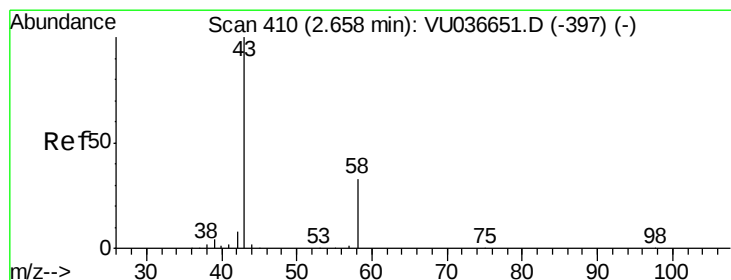
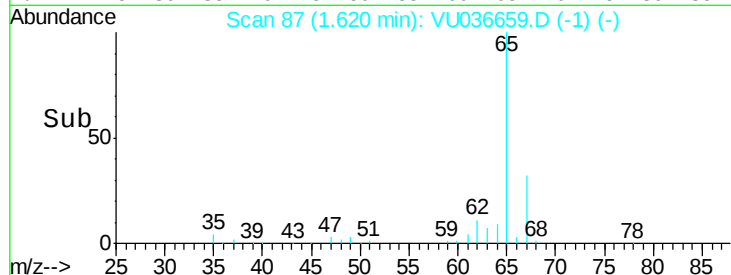
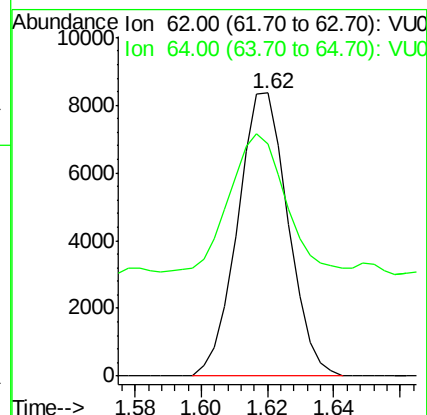
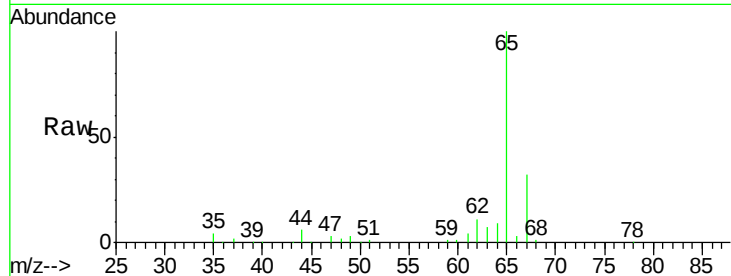
DBCS8DL

Tot Ion: 62 Resp: 8845

Ion Ratio Lower Upper

62 100

64 81.8 24.7 45.9#



#13

Acetone

Concen: 6.110 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU036659.D

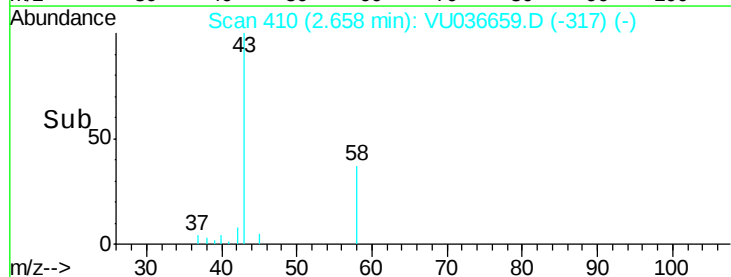
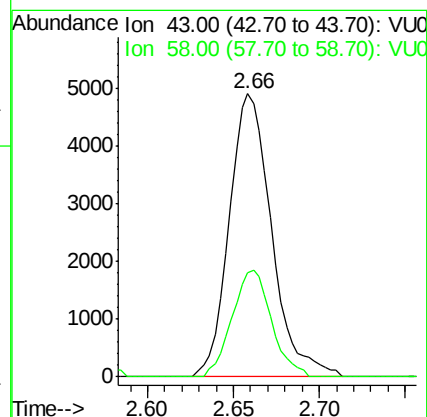
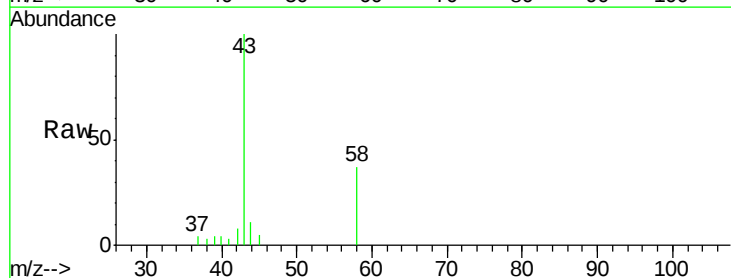
Acq: 31 Jan 2020 23:02

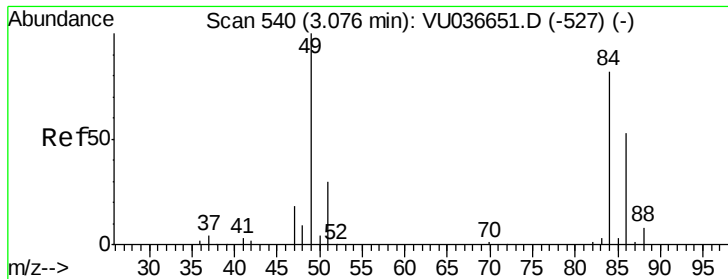
Tgt Ion: 43 Resp: 8407

Ion Ratio Lower Upper

43 100

58 34.9 0.0 67.8

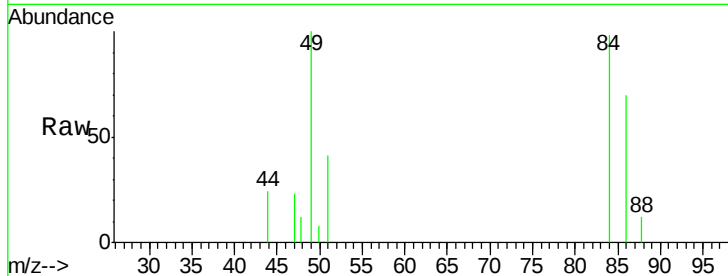




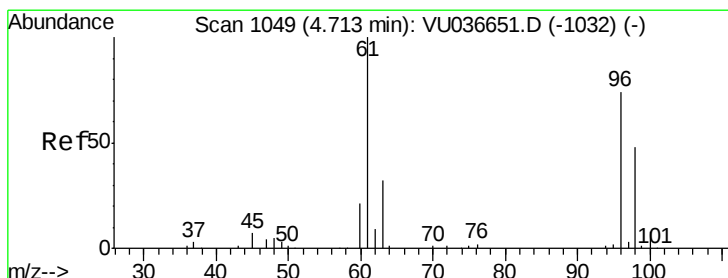
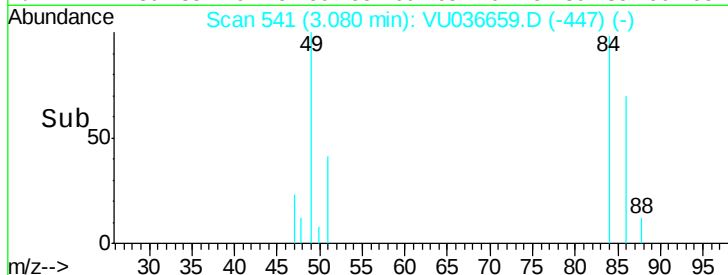
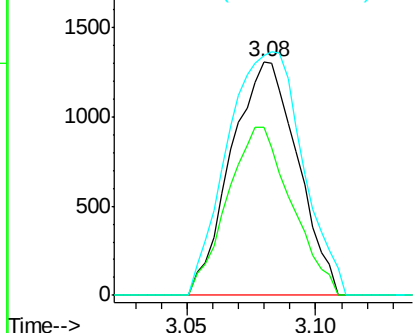
#16
Methvlene chloride
Concen: 1.023 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU036659.D
Acq: 31 Jan 2020 23:02

Instrument :
MSVOA_U
ClientSampleId :
DBCS8DL

Tot Ion: 84 Resp: 2353
Ion Ratio Lower Upper
84 100
86 71.8 45.1 83.9
49 102.5 85.3 158.3

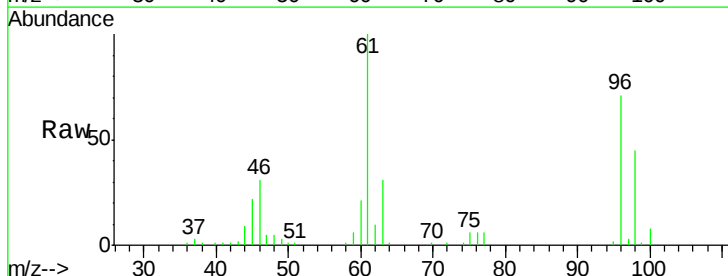


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

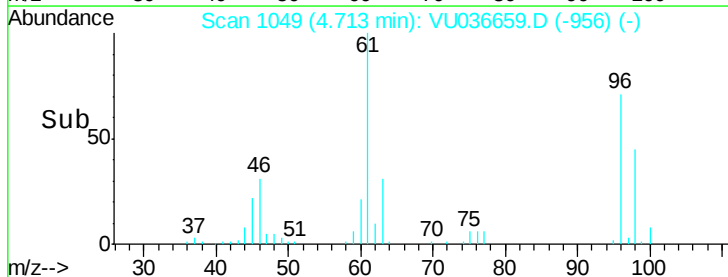
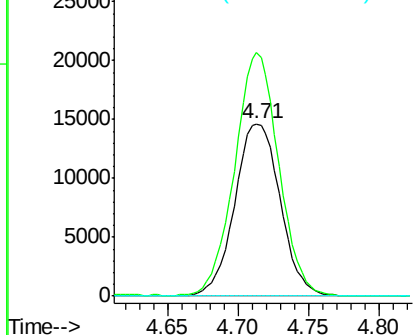


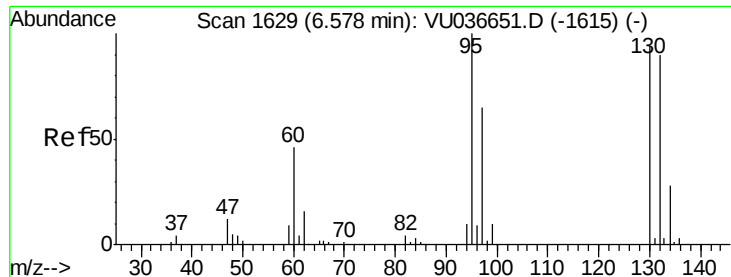
#20
cis-1,2-Dichloroethene
Concen: 14.712 ug/L
RT: 4.71 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU036659.D
Acq: 31 Jan 2020 23:02

Tgt Ion: 96 Resp: 33022
Ion Ratio Lower Upper
96 100
61 141.1 94.9 176.3
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0

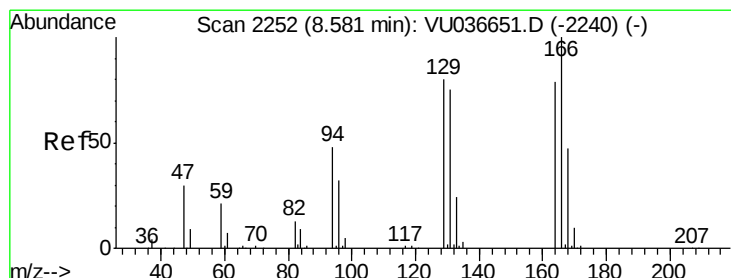
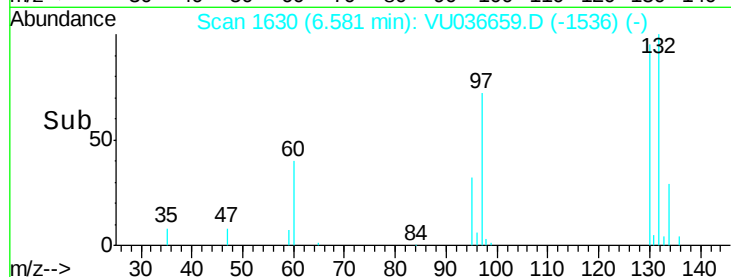
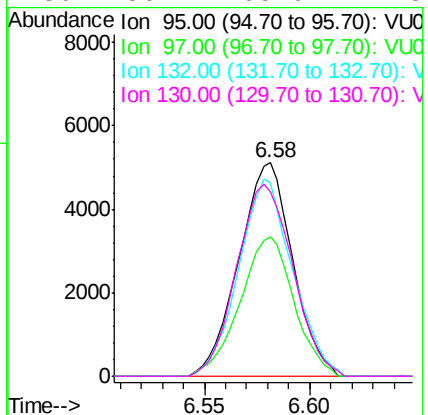
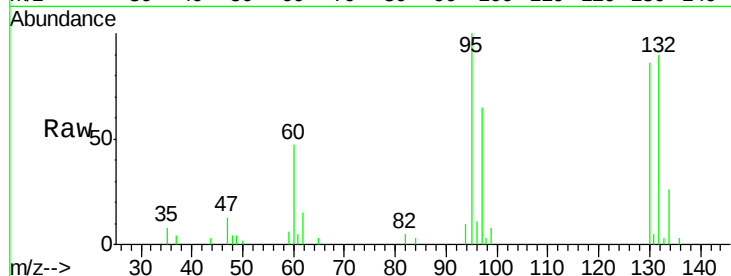




#34
 Trichloroethene
 Concen: 4.445 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VU036659.D
 Acq: 31 Jan 2020 23:02

Instrument :
 MSVOA_U
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 DBCS8DL

Tot Ion:	95	Resp:	9079
Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.4	84.4
132	90.3	63.2	117.4
130	86.2	65.9	122.3



#46
 Tetrachloroethene
 Concen: 45.103 ug/L
 RT: 8.58 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VU036659.D
 Acq: 31 Jan 2020 23:02

Tgt Ion:	164	Resp:	67806
Ion	Ratio	Lower	Upper
164	100		
129	97.8	71.1	132.1
131	94.4	66.9	124.3
166	121.4	89.0	165.4

