

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121919\
 Data File : VU036288.D
 Acq On : 19 Dec 2019 17:23
 Operator : JC/MD
 Sample : K6282-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW3

Quant Time: Dec 20 04:14:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 03:13:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	267440	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	289138	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	94637	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	117123	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.93	69	107007	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.60	63	120600	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.68	46	198622	45.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.04%
24) Chloroform-d	5.11	84	166159	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.75	65	88051	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.77	84	325876	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.73	67	103683	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.93	98	262029	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	8.21	79	39461	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.68	63	161823	44.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.82%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	91917	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	85954	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

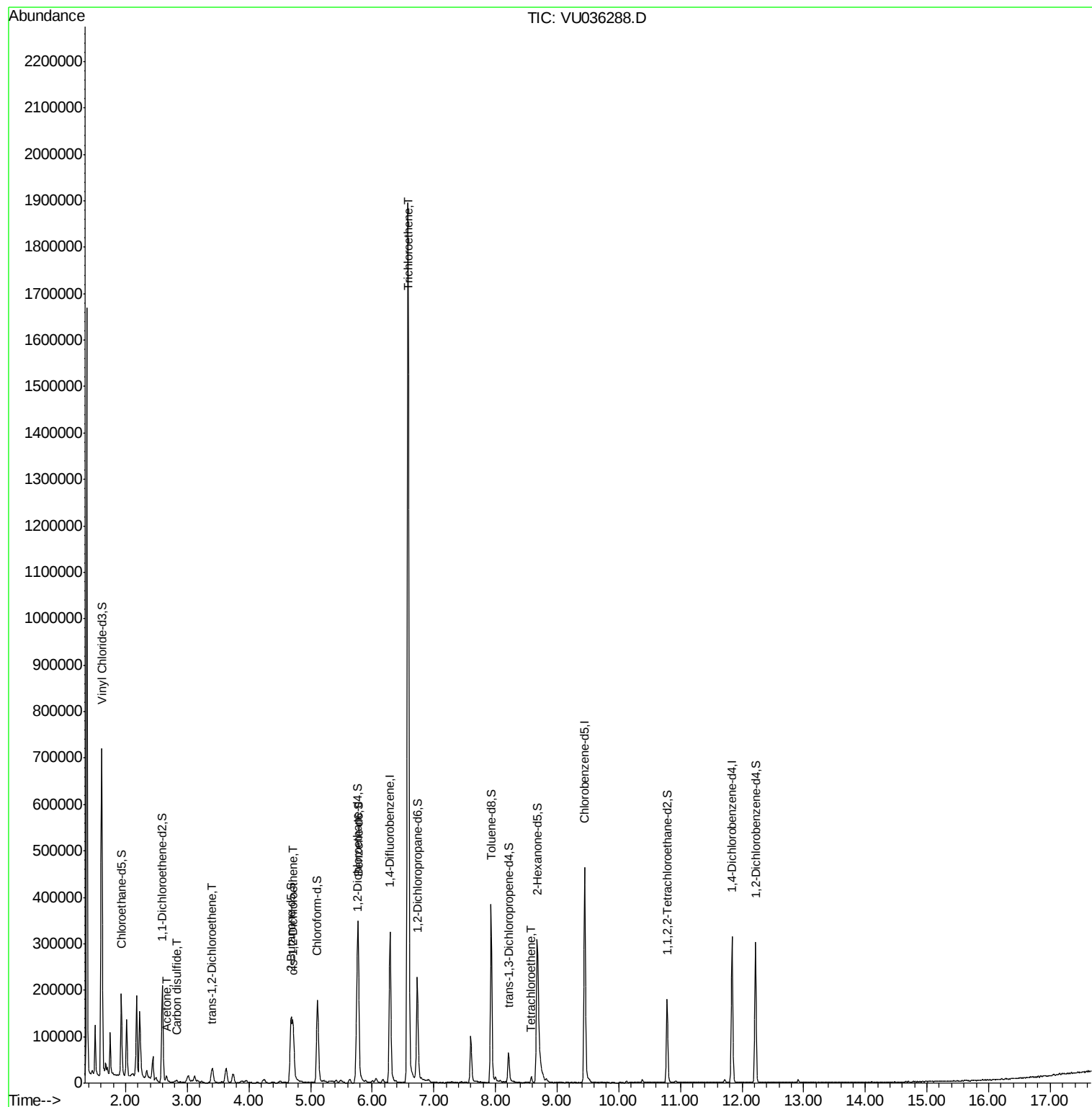
					Ovalue
13) Acetone	2.66	43	10875	2.828 ug/L	88
14) Carbon disulfide	2.83	76	4683	0.070 ug/L #	93
18) trans-1,2-Dichloroethene	3.39	96	2829	0.136 ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	55868	2.506 ug/L	100
34) Trichloroethene	6.58	95	654216	28.557 ug/L	98
47) Tetrachloroethene	8.59	164	3078	0.149 ug/L #	73

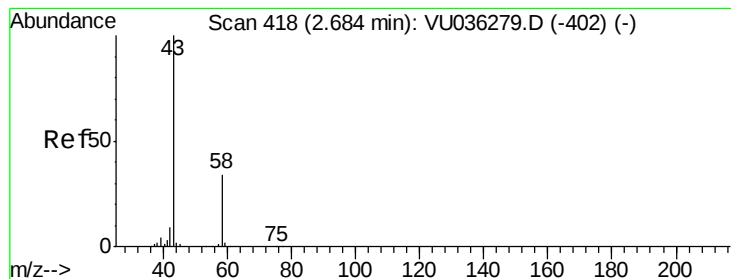
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.828 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU036288.D

Acq: 19 Dec 2019 17:23

Instrument :

MSVOA_U

ClientSampleId :

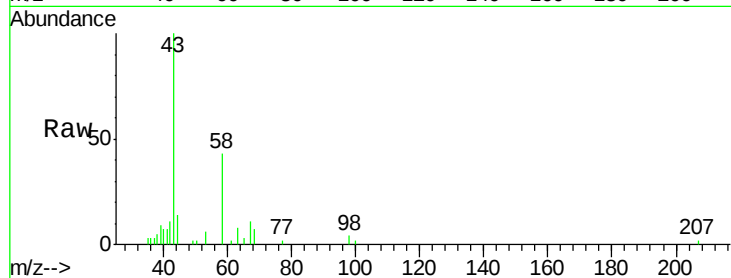
BFDW3

Tot Ion: 43 Resp: 10875

Ion Ratio Lower Upper

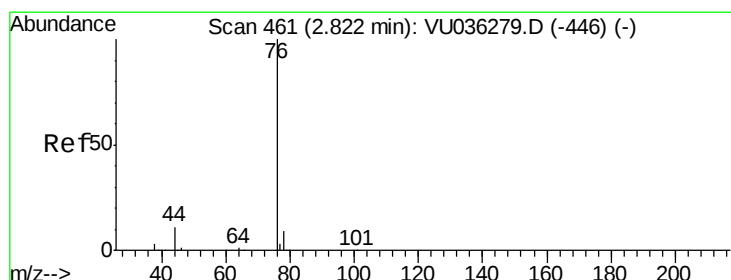
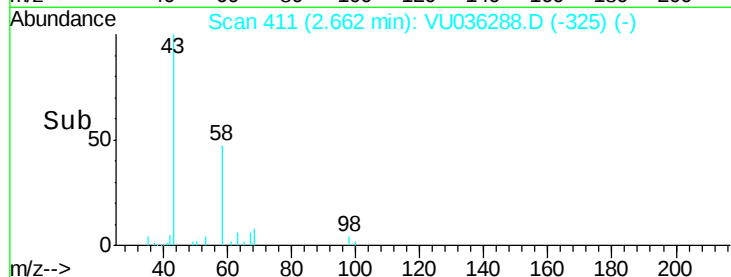
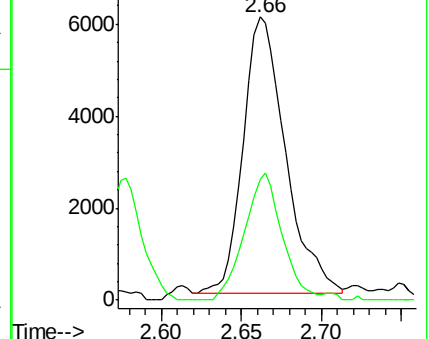
43 100

58 40.8 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036279.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU036279.D (-402) (-)



#14

Carbon disulfide

Concen: 0.070 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU036288.D

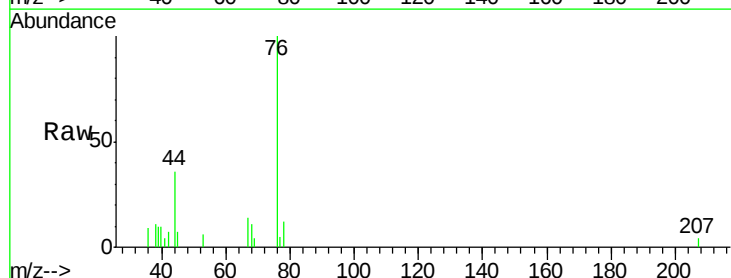
Acq: 19 Dec 2019 17:23

Tgt Ion: 76 Resp: 4683

Ion Ratio Lower Upper

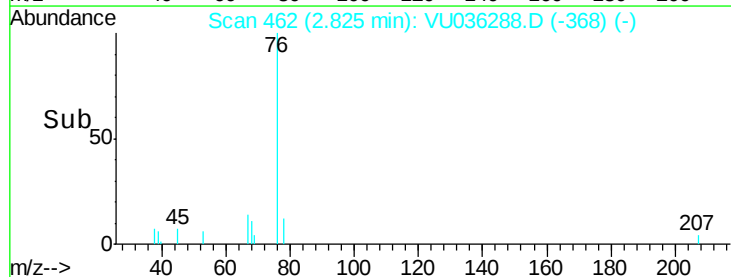
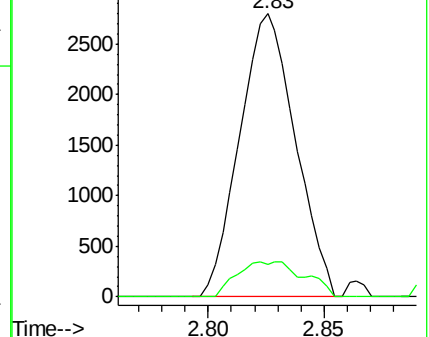
76 100

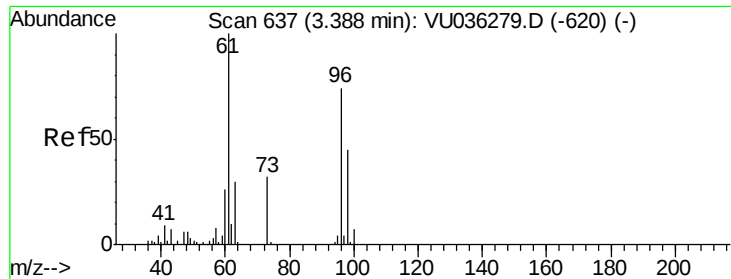
78 11.6 7.1 10.7#



Abundance Ion 76.05 (75.75 to 76.75): VU036279.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU036279.D (-446) (-)

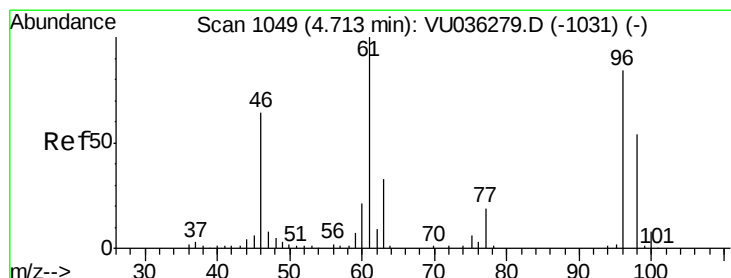
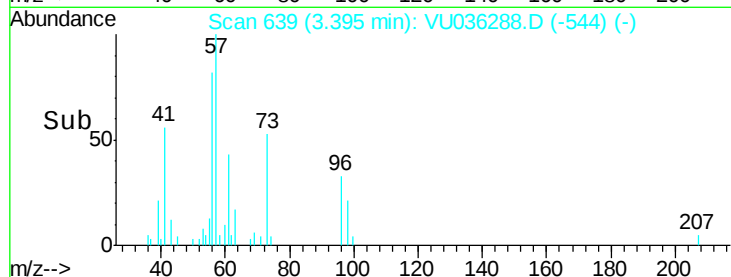
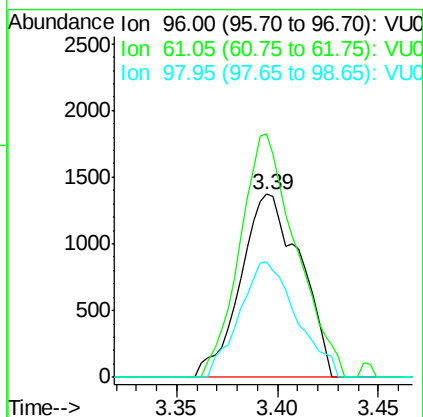
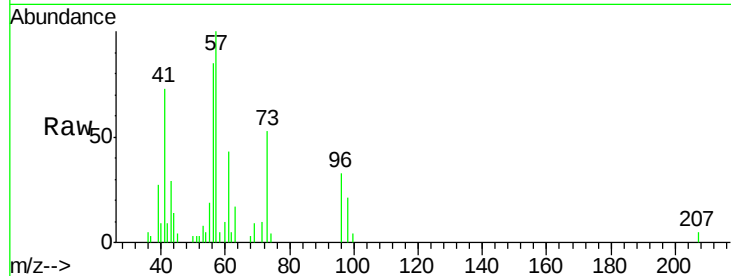




#18
trans-1,2-Dichloroethene
Concen: 0.136 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.01 min
Lab File: VU036288.D
Acq: 19 Dec 2019 17:23

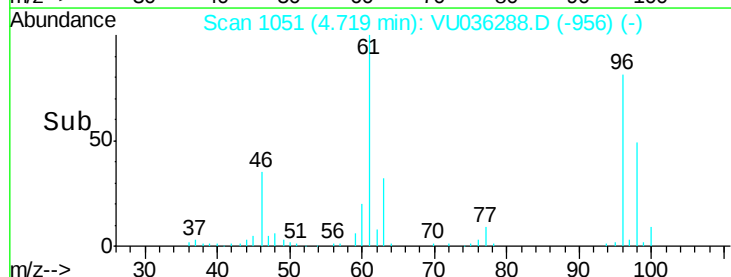
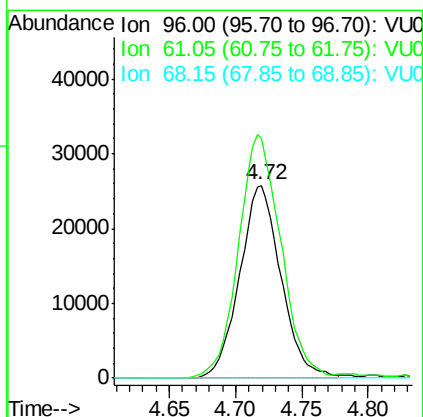
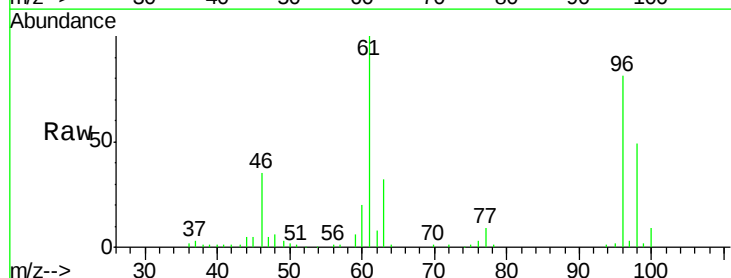
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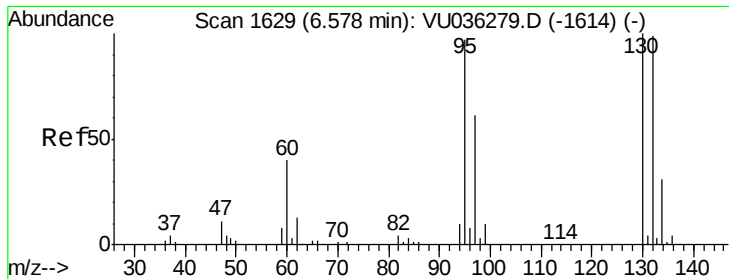
Tot Ion: 96 Resp: 2829
Ion Ratio Lower Upper
96 100
61 133.1 94.8 176.2
98 63.2 46.8 86.8



#22
cis-1,2-Dichloroethene
Concen: 2.506 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VU036288.D
Acq: 19 Dec 2019 17:23

Tgt Ion: 96 Resp: 55868
Ion Ratio Lower Upper
96 100
61 123.9 86.7 161.1
68 0.0 0.0 0.0

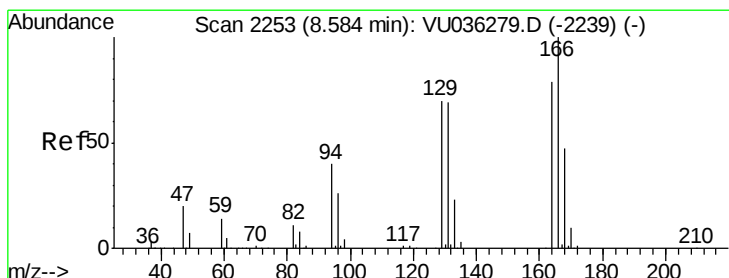
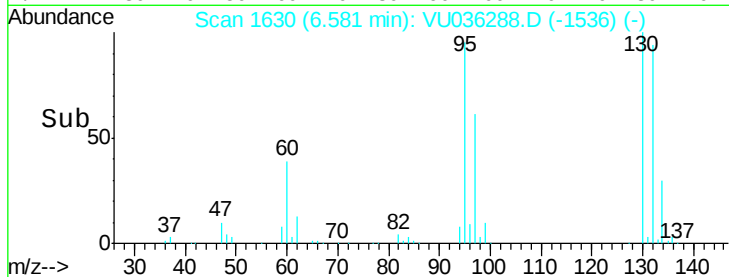
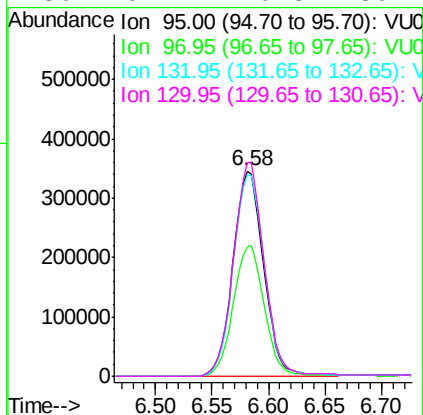
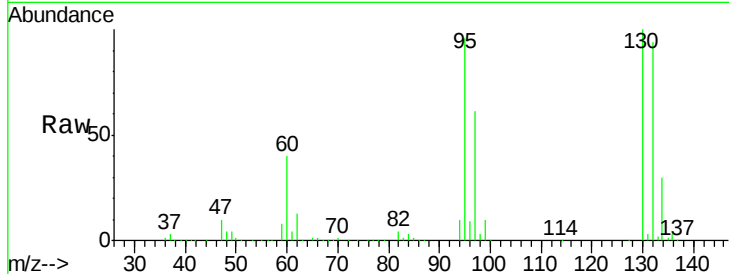




#34
 Trichloroethene
 Concen: 28.557 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VU036288.D
 Acq: 19 Dec 2019 17:23

Instrument :
 MSVOA_U
 ClientSampled :
 BFDW3

Tot Ion:	95	Resp:	654216
Ion	Ratio	Lower	Upper
95	100		
97	63.4	43.6	81.0
132	98.3	69.6	129.2
130	104.1	70.3	130.7



#47
 Tetrachloroethene
 Concen: 0.149 ug/L
 RT: 8.59 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VU036288.D
 Acq: 19 Dec 2019 17:23

Tgt Ion:	164	Resp:	3078
Ion	Ratio	Lower	Upper
164	100		
129	60.1	64.2	119.2#
131	68.5	66.6	123.8
166	106.3	93.1	172.9

