

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122019\
 Data File : VU036312.D
 Acq On : 20 Dec 2019 12:46
 Operator : JC/MD
 Sample : K6282-08DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW4DL

Quant Time: Dec 20 22:23:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 22:20:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	249781	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	268966	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	105680	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	100063	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.93	69	92239	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.59	63	109052	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.68	46	180398	43.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.56%
24) Chloroform-d	5.11	84	158823	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.75	65	85314	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.77	84	288571	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.73	67	93940	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.93	98	237314	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	8.21	79	35788	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.67	63	137546	41.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.08%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	86290	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	92221	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

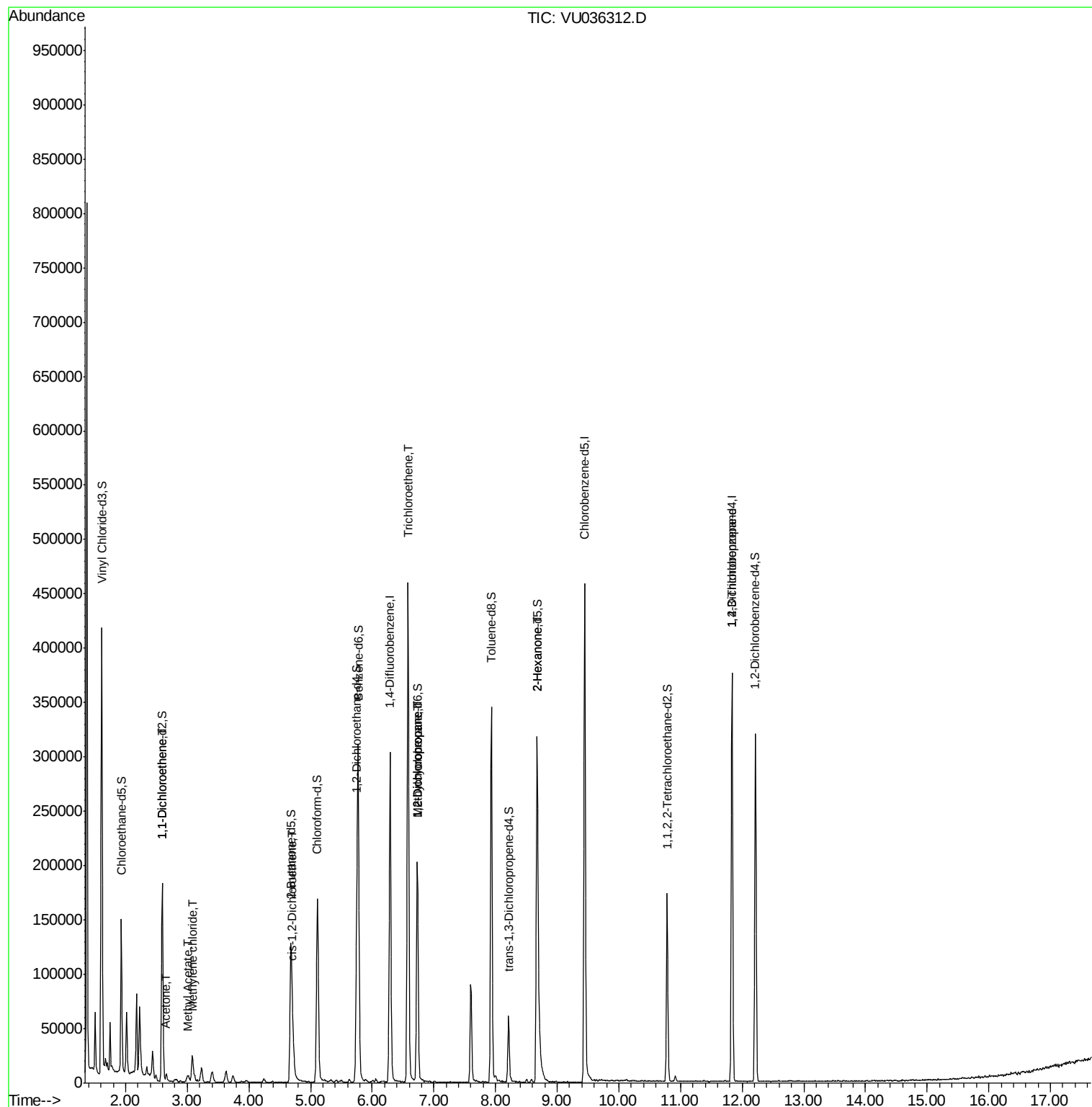
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	2428	0.131	ug/L #	1
13) Acetone	2.66	43	6370	1.774	ug/L	95
15) Methyl Acetate	3.00	43	1882	0.259	ug/L #	49
16) Methylene chloride	3.08	84	10815	0.397	ug/L	92
22) cis-1,2-Dichloroethene	4.72	96	12551	0.603	ug/L	95
34) Trichloroethene	6.58	95	153014	7.180	ug/L	96
35) Methylcyclohexane	6.73	83	23706	0.782	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	10837	0.514	ug/L #	85
48) 2-Hexanone	8.67	43	20891	2.538	ug/L #	66
59) 1,2,3-Trichloropropane	11.84	75	11264	0.804	ug/L #	87

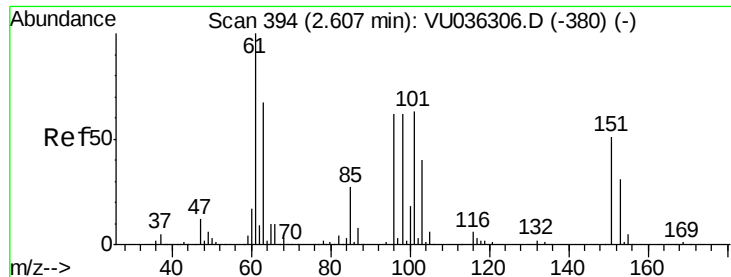
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 20 22:20:21 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.131 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036312.D

Acq: 20 Dec 2019 12:46

Instrument :

MSVOA_U

ClientSampleId :

BFDW4DL

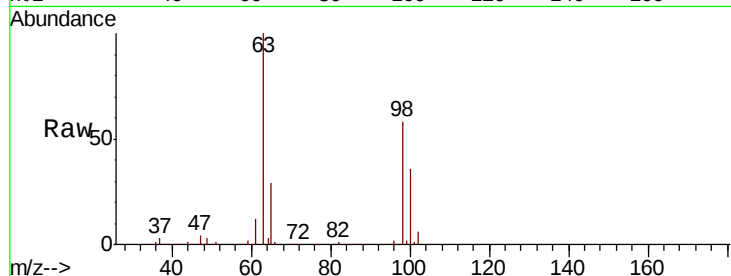
Tot Ion: 96 Resp: 2428

Ion Ratio Lower Upper

96 100

61 724.2 114.0 211.8#

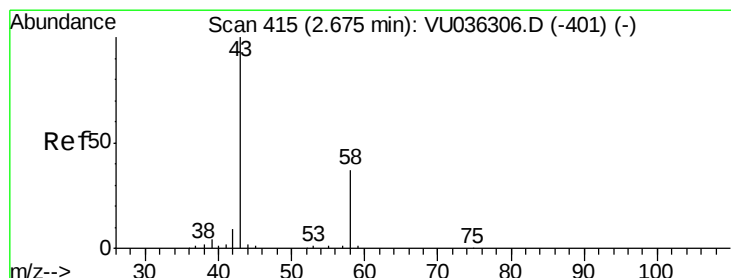
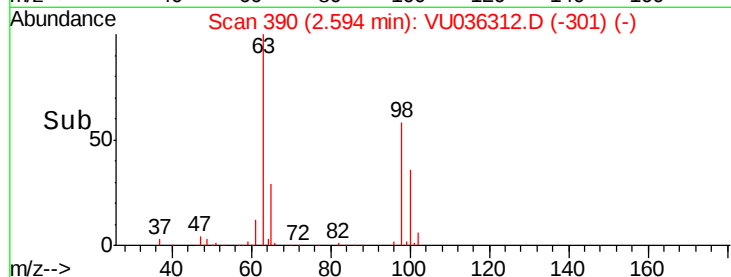
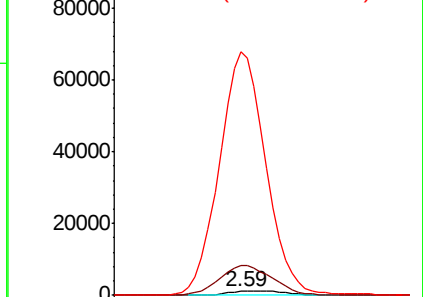
63 5957.1 63.6 118.0#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 1.774 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU036312.D

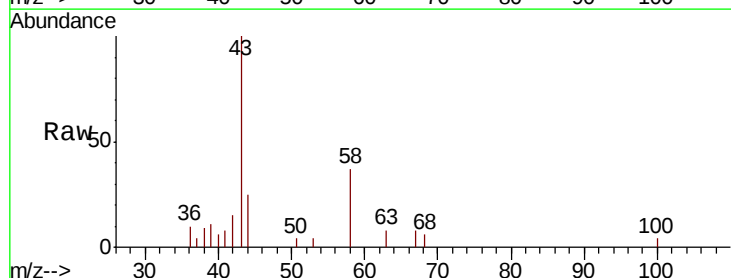
Acq: 20 Dec 2019 12:46

Tgt Ion: 43 Resp: 6370

Ion Ratio Lower Upper

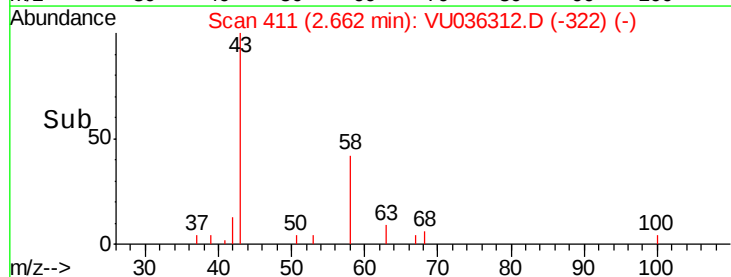
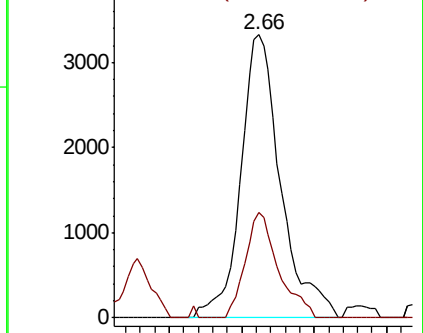
43 100

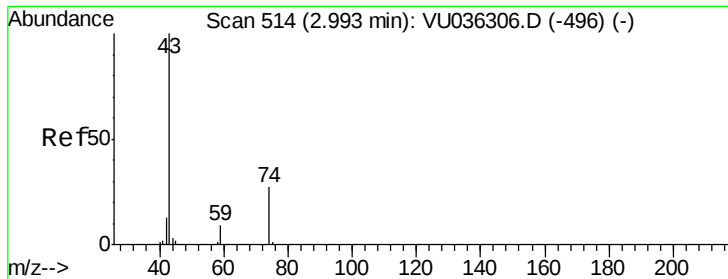
58 30.8 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#15

Methvl Acetate

Concen: 0.259 ug/L

RT: 3.00 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU036312.D

Acq: 20 Dec 2019 12:46

Instrument :

MSVOA_U

ClientSampleId :

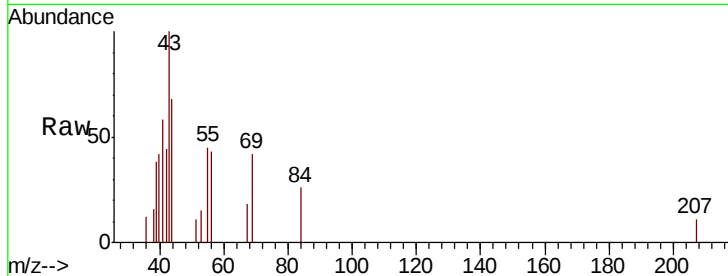
BFDW4DL

Tot Ion: 43 Resp: 1882

Ion Ratio Lower Upper

43 100

74 0.0 20.8 31.2#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

3.00

1000

800

600

400

200

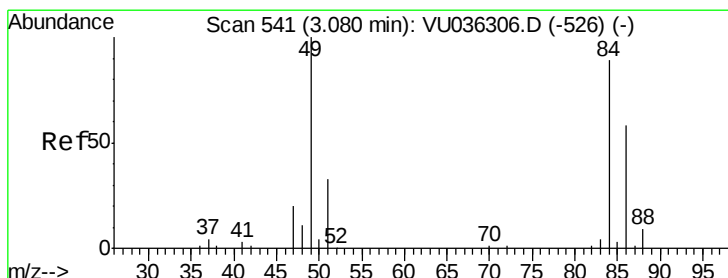
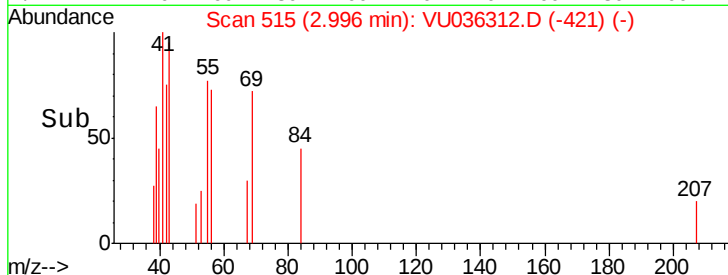
0

Time-->

2.95

3.00

3.05



#16

Methylene chloride

Concen: 0.397 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU036312.D

Acq: 20 Dec 2019 12:46

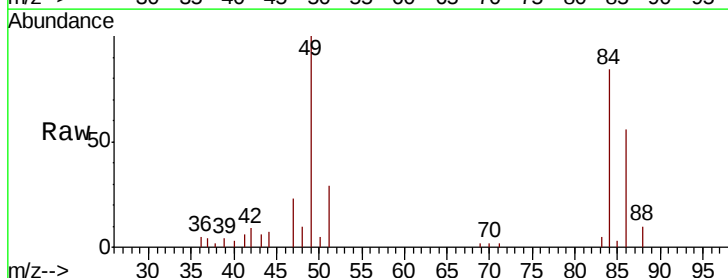
Tgt Ion: 84 Resp: 10815

Ion Ratio Lower Upper

84 100

86 66.8 43.0 79.8

49 119.0 77.3 143.5



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

8000

6000

4000

2000

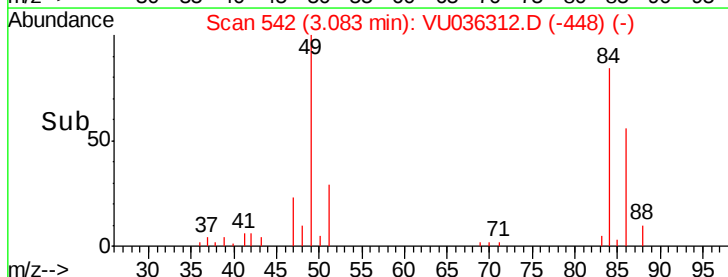
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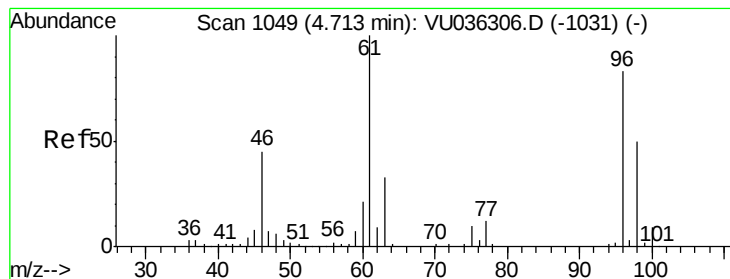
Time-->

3.05

3.10

3.15





#22

cis-1,2-Dichloroethene

Concen: 0.603 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU036312.D

Acq: 20 Dec 2019 12:46

Instrument :

MSVOA_U

ClientSampleId :

BFDW4DL

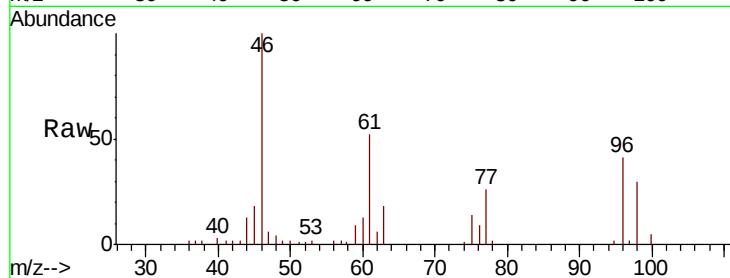
Tot Ion: 96 Resp: 12551

Ion Ratio Lower Upper

96 100

61 129.3 86.7 161.1

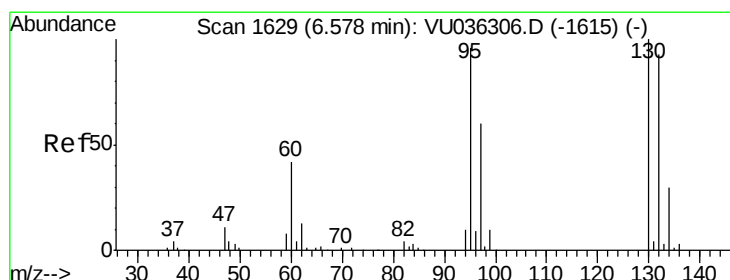
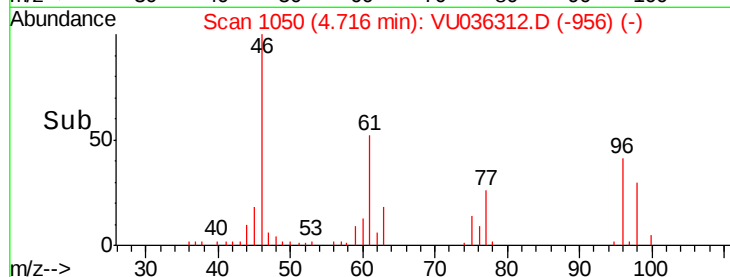
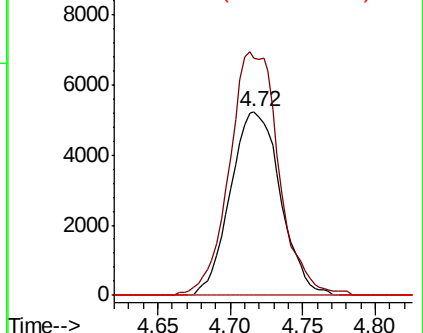
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036312.D (-956) (-)

Ion 61.05 (60.75 to 61.75): VU036312.D (-956) (-)

Ion 68.15 (67.85 to 68.85): VU036312.D (-956) (-)



#34

Trichloroethene

Concen: 7.180 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036312.D

Acq: 20 Dec 2019 12:46

Tgt Ion: 95 Resp: 153014

Ion Ratio Lower Upper

95 100

97 67.5 43.6 81.0

132 102.9 69.6 129.2

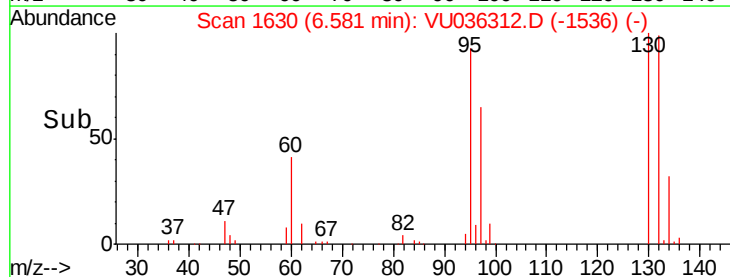
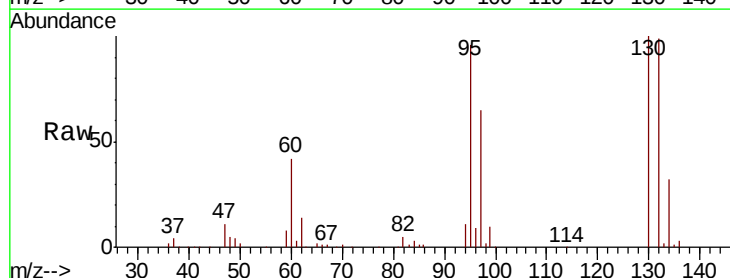
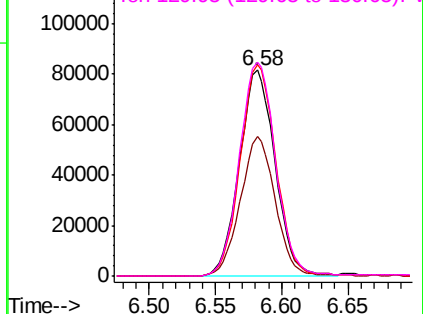
130 103.8 70.3 130.7

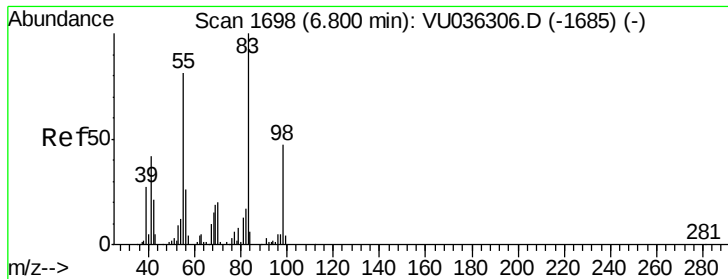
Abundance Ion 95.00 (94.70 to 95.70): VU036312.D (-1536) (-)

Ion 96.95 (96.65 to 97.65): VU036312.D (-1536) (-)

Ion 131.95 (131.65 to 132.65): VU036312.D (-1536) (-)

Ion 129.95 (129.65 to 130.65): VU036312.D (-1536) (-)

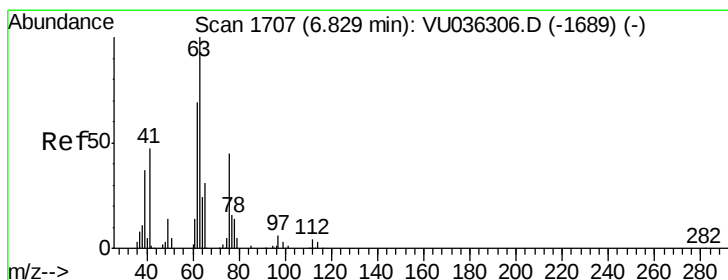
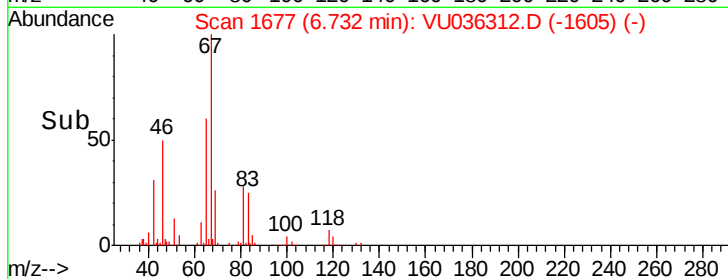
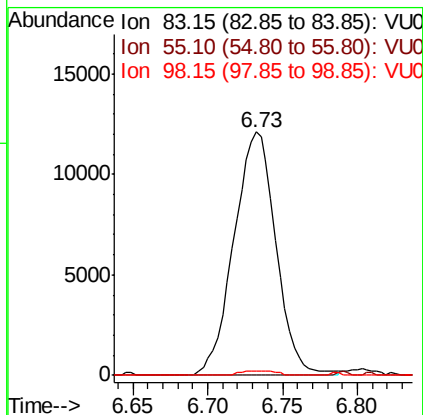
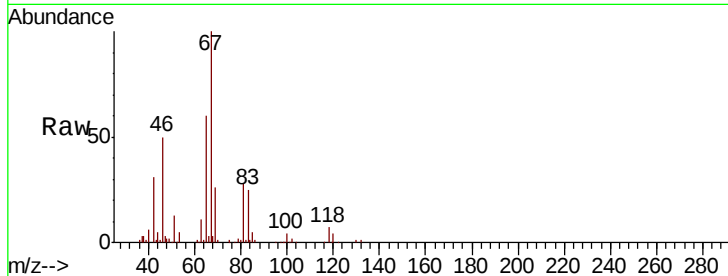




#35
Methvlcvclohexane
Concen: 0.782 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036312.D
Acq: 20 Dec 2019 12:46

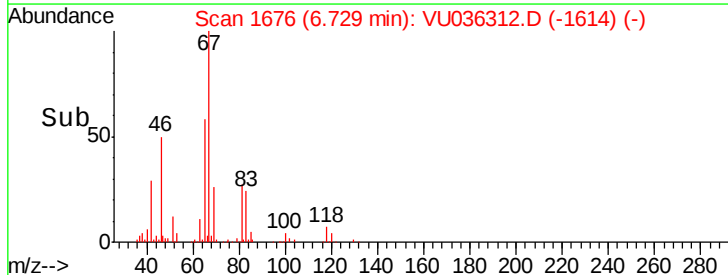
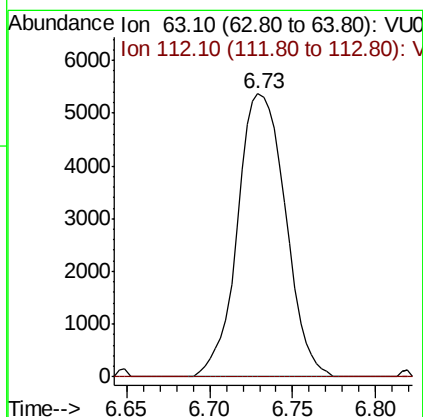
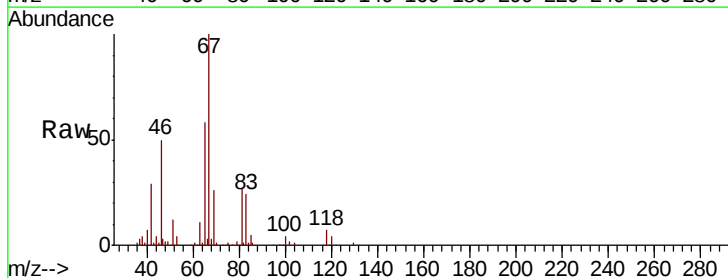
Instrument :
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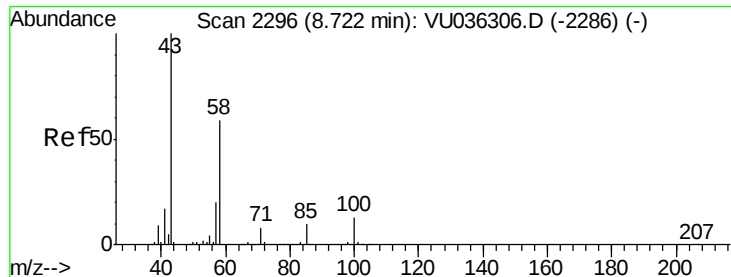
Tot Ion: 83 Resp: 23706
Ion Ratio Lower Upper
83 100
55 0.4 62.6 94.0#
98 1.5 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.514 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036312.D
Acq: 20 Dec 2019 12:46

Tgt Ion: 63 Resp: 10837
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

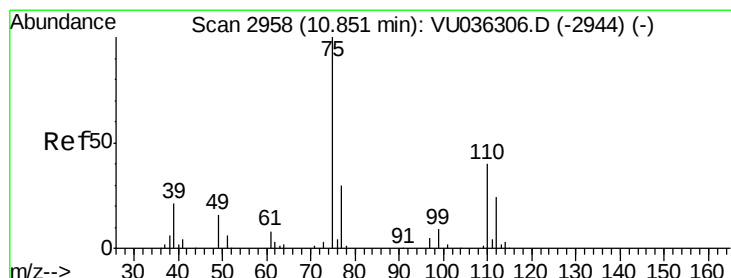
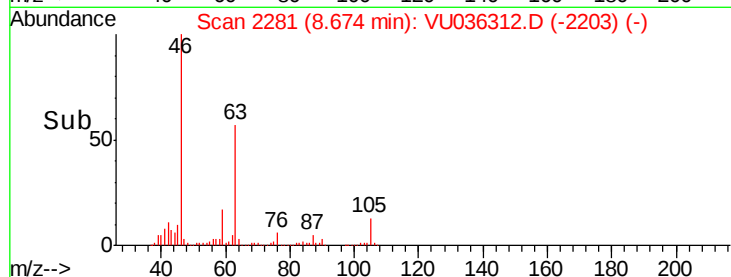
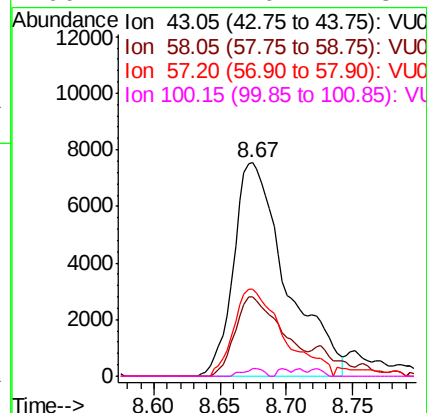
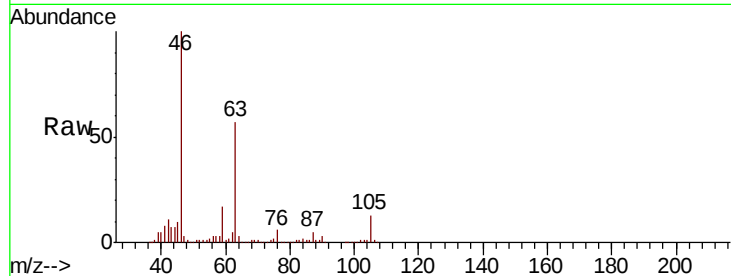




#48
 2-Hexanone
 Concen: 2.538 ug/L
 RT: 8.67 min Scan# 2281
 Delta R.T. -0.05 min
 Lab File: VU036312.D
 Acq: 20 Dec 2019 12:46

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 BFDW4DL

Tot Ion: 43 Resp: 20891
 Ion Ratio Lower Upper
 43 100
 58 33.4 46.2 69.2#
 57 38.3 16.2 24.4#
 100 1.4 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 0.804 ug/L
 RT: 11.84 min Scan# 3264
 Delta R.T. 0.98 min
 Lab File: VU036312.D
 Acq: 20 Dec 2019 12:46

Tgt Ion: 75 Resp: 11264
 Ion Ratio Lower Upper
 75 100
 77 41.4 27.2 40.8#

