

Data File : VU036376.D
Acq On : 30 Dec 2019 18:28
Operator : JC/MD
Sample : K6459-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0BP0

Quant Time: Dec 31 07:36:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 31 07:33:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	262929	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	250304	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	91987	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	88355	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.93	69	83832	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.59	63	133946	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.68	46	256257	52.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.18%
24) Chloroform-d	5.11	84	176773	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.75	65	104558	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.77	84	365377	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.73	67	118546	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.93	98	331781	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	8.21	79	51370	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.68	63	228934	49.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.62%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	96453	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	100171	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

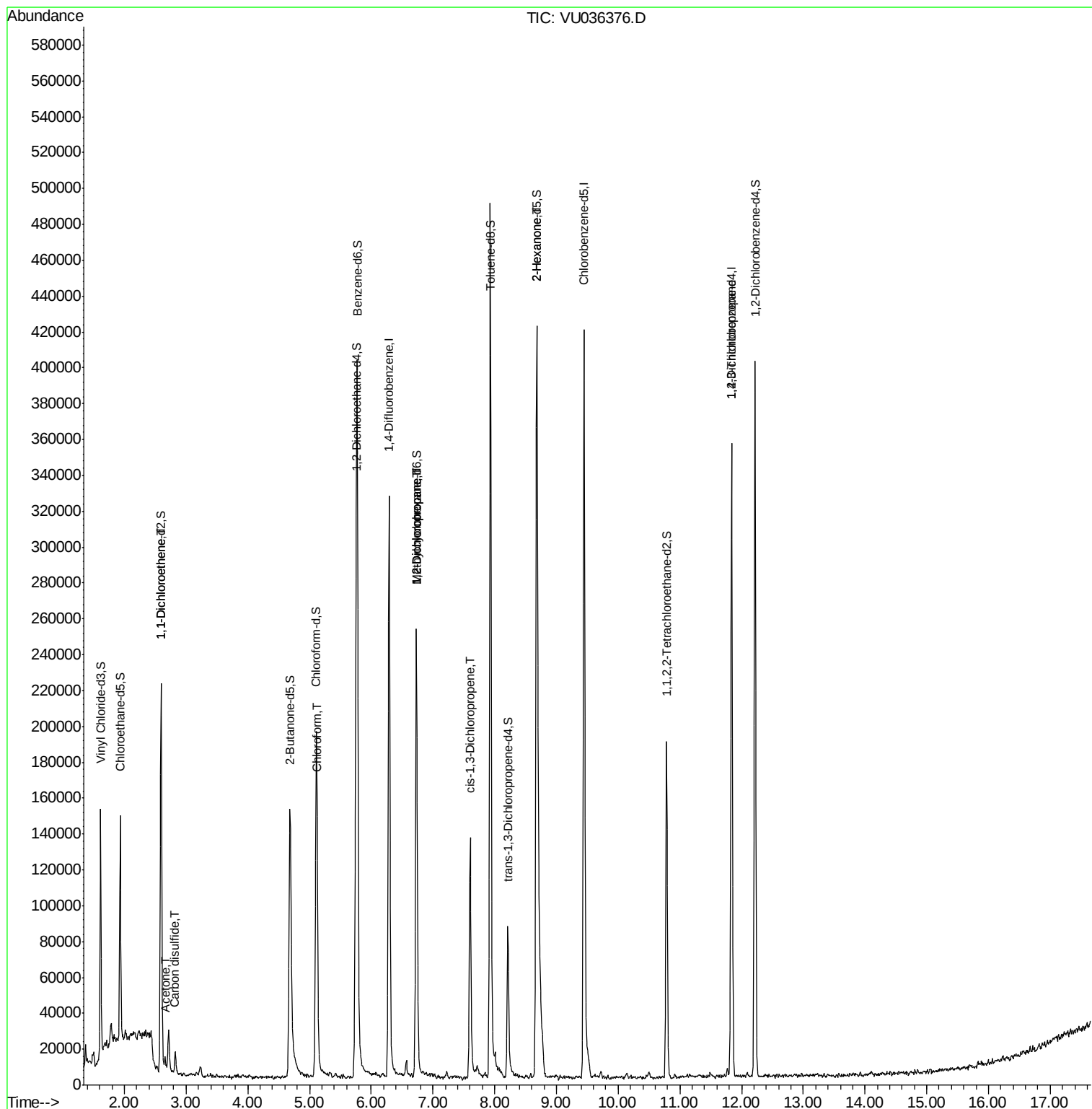
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1446	0.090 ug/L #	1
13) Acetone	2.66	43	7883	2.511 ug/L	92
14) Carbon disulfide	2.83	76	14805	0.282 ug/L	97
25) Chloroform	5.13	83	9832	0.285 ug/L	94
35) Methylcyclohexane	6.73	83	26481	0.836 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	13918	0.727 ug/L #	90
39) cis-1,3-Dichloropropene	7.60	75	4893	0.156 ug/L #	63
48) 2-Hexanone	8.68	43	22955	2.406 ug/L #	57
59) 1,2,3-Trichloropropane	11.83	75	13233	1.003 ug/L #	86

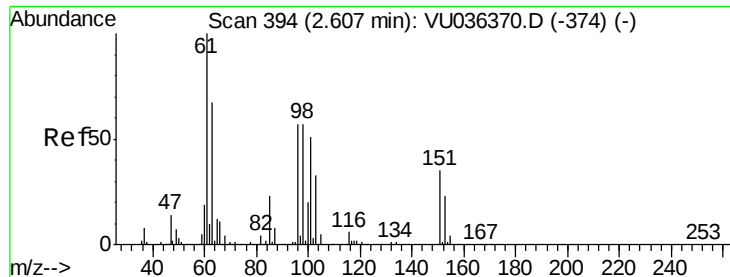
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.090 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036376.D

Acq: 30 Dec 2019 18:28

Instrument :

MSVOA_U

ClientSampleId :

H0BP0

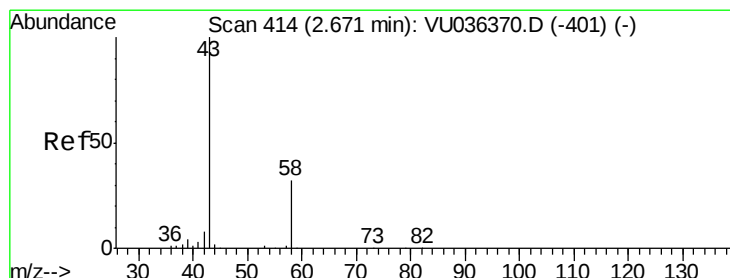
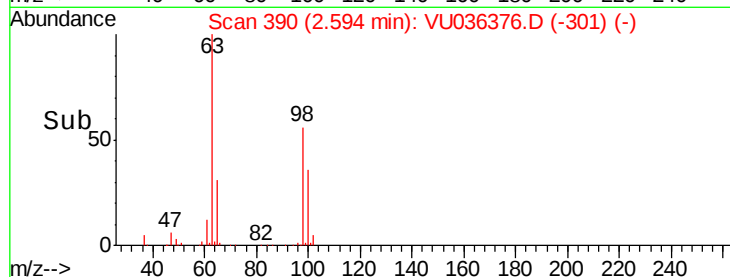
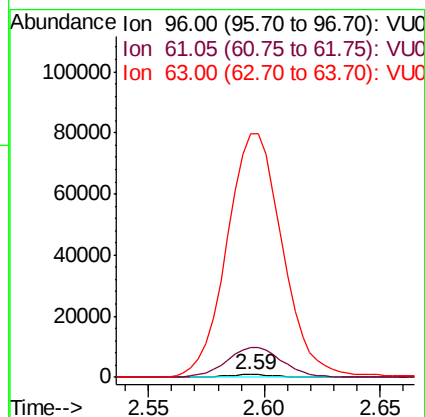
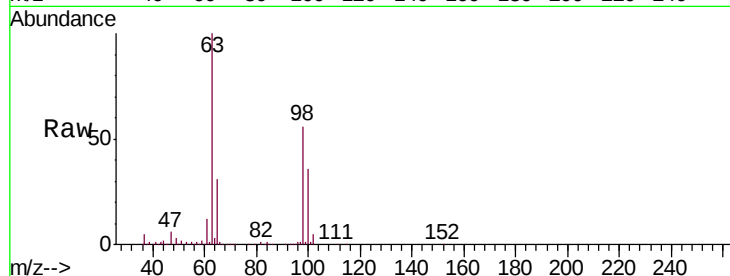
Tgt Ion: 96 Resp: 1446

Ion Ratio Lower Upper

96 100

61 1160.5 123.8 230.0#

63 9460.3 89.0 165.4#



#13

Acetone

Concen: 2.511 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU036376.D

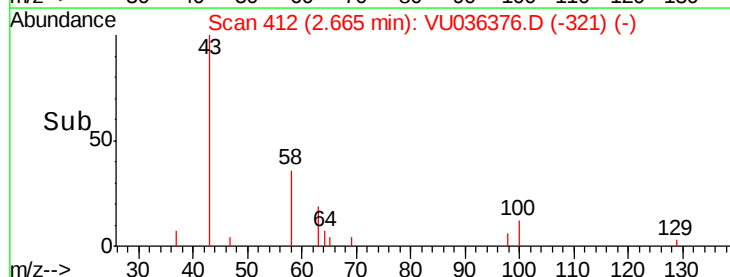
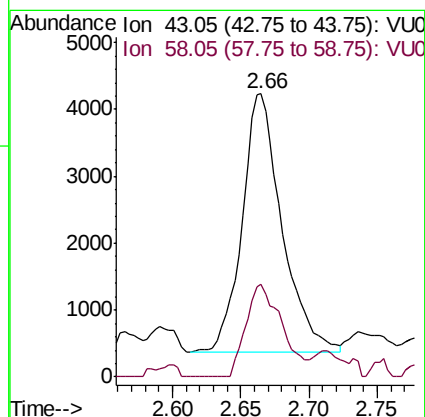
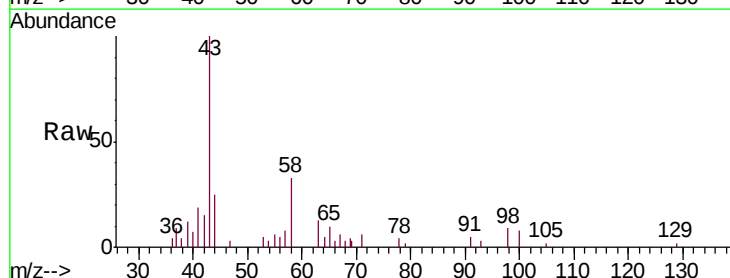
Acq: 30 Dec 2019 18:28

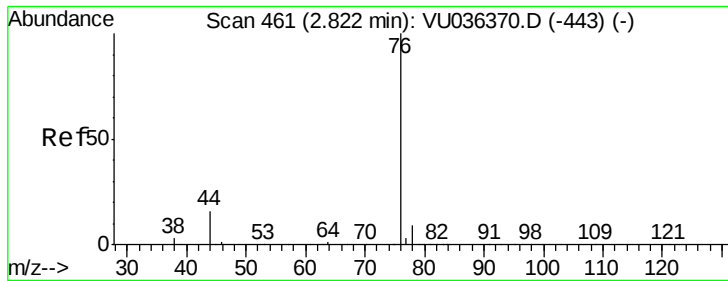
Tgt Ion: 43 Resp: 7883

Ion Ratio Lower Upper

43 100

58 32.7 0.0 57.0





#14

Carbon disulfide

Concen: 0.282 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU036376.D

Acq: 30 Dec 2019 18:28

Instrument :

MSVOA_U

ClientSampleId :

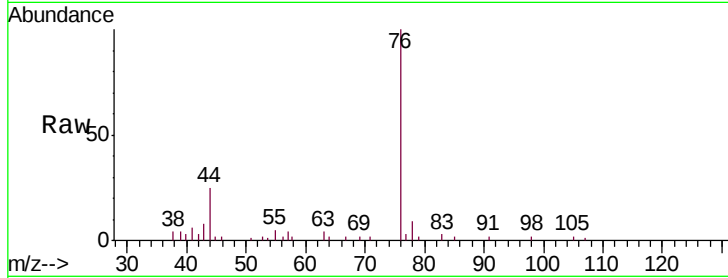
H0BP0

Tgt Ion: 76 Resp: 14805

Ion Ratio Lower Upper

76 100

78 8.5 7.6 11.4

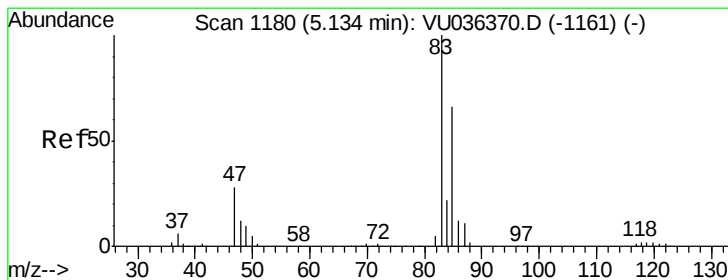
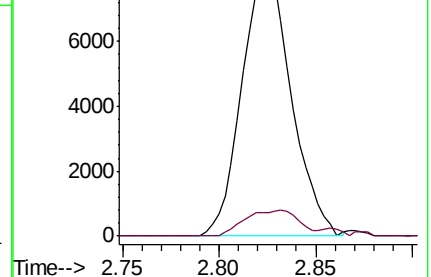
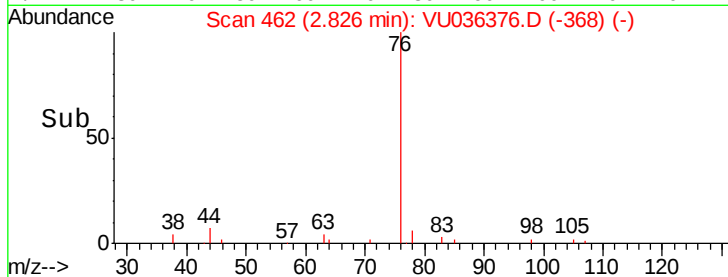


Abundance Ion 76.05 (75.75 to 76.75): VU036370.D (-443) (-)

Ion 78.00 (77.70 to 78.70): VU036370.D (-443) (-)

2.83

Time-->



#25

Chloroform

Concen: 0.285 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU036376.D

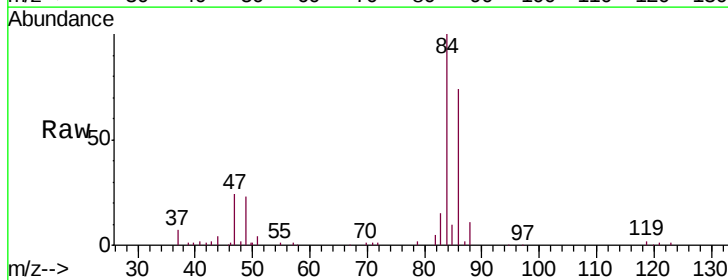
Acq: 30 Dec 2019 18:28

Tgt Ion: 83 Resp: 9832

Ion Ratio Lower Upper

83 100

85 67.5 44.1 81.9

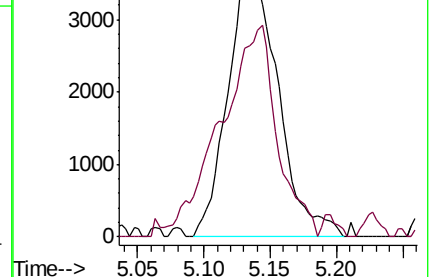
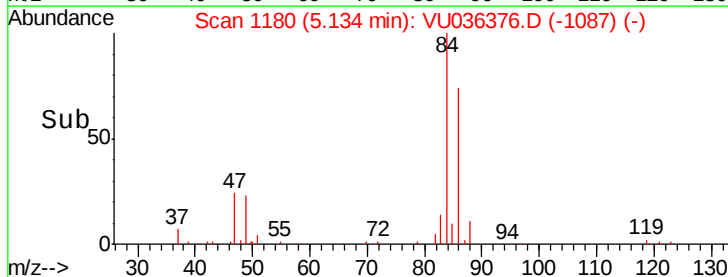


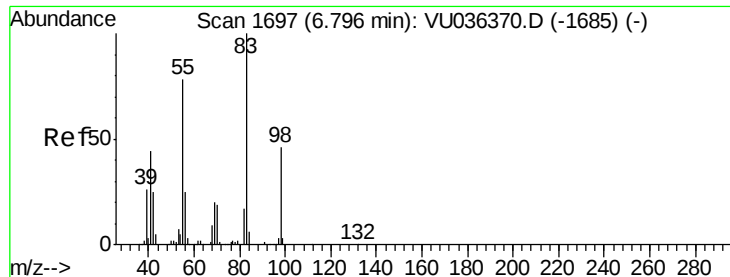
Abundance Ion 83.05 (82.75 to 83.75): VU036370.D (-1161) (-)

Ion 85.00 (84.70 to 85.70): VU036370.D (-1161) (-)

5.13

Time-->





#35

Methylcyclohexane

Concen: 0.836 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.07 min

Lab File: VU036376.D

Acq: 30 Dec 2019 18:28

Instrument :

MSVOA_U

ClientSampleId :

H0BP0

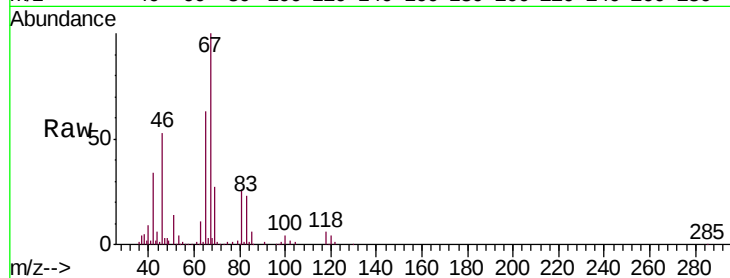
Tgt Ion: 83 Resp: 26481

Ion Ratio Lower Upper

83 100

55 1.0 61.5 92.3#

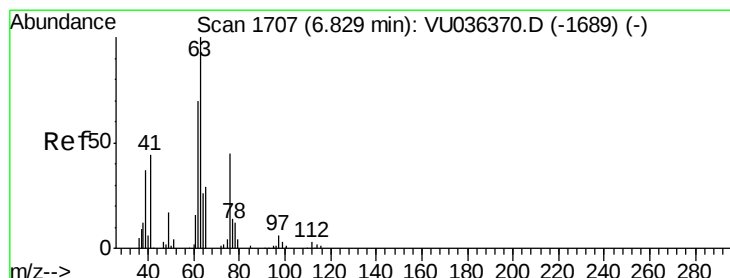
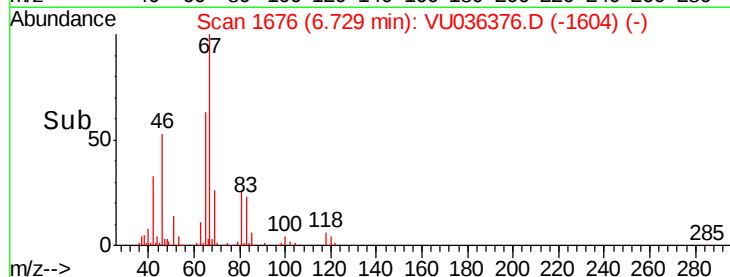
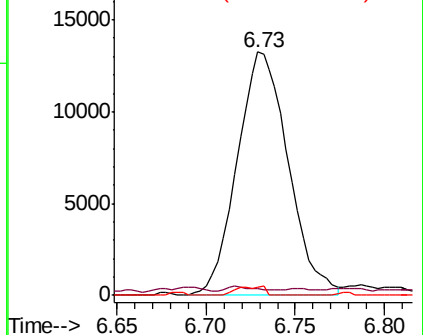
98 1.9 36.9 55.3#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 0.727 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.10 min

Lab File: VU036376.D

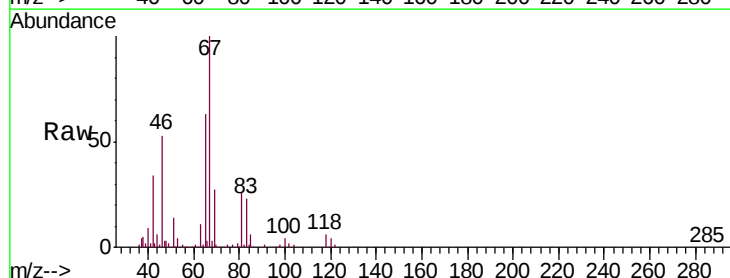
Acq: 30 Dec 2019 18:28

Tgt Ion: 63 Resp: 13918

Ion Ratio Lower Upper

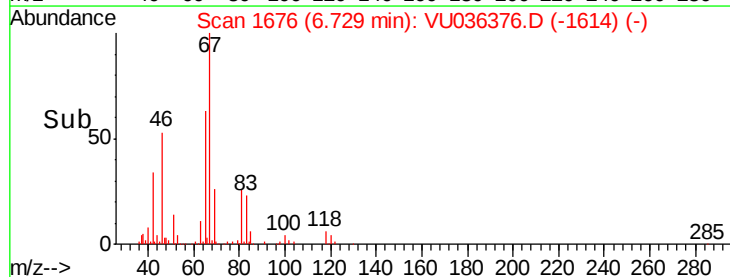
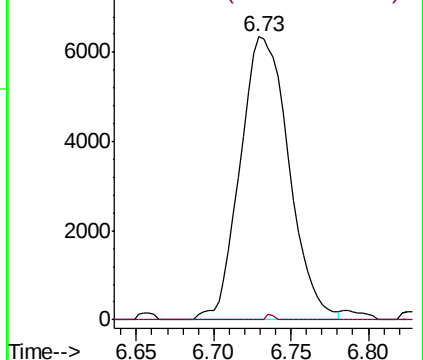
63 100

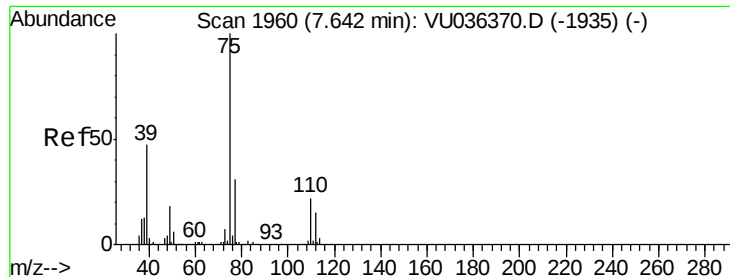
112 0.3 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.156 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU036376.D

Acq: 30 Dec 2019 18:28

Instrument :

MSVOA_U

ClientSampled :

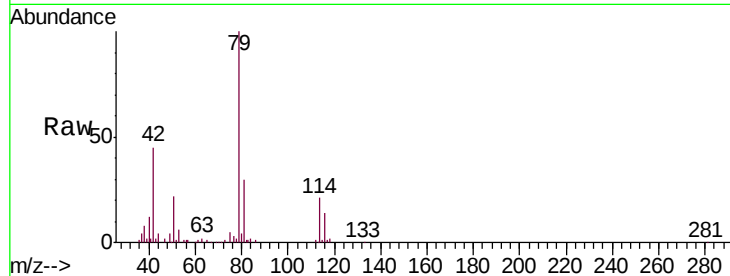
H0BP0

Tgt Ion: 75 Resp: 4893

Ion Ratio Lower Upper

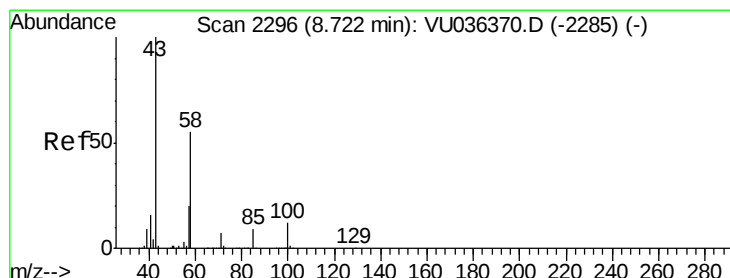
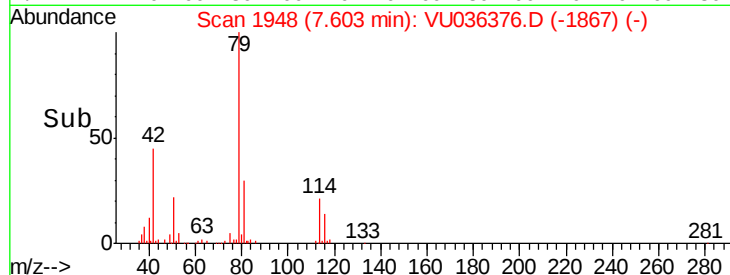
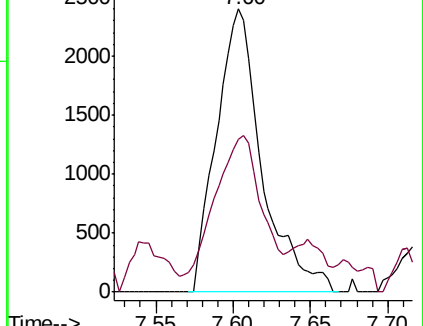
75 100

77 54.1 23.2 43.2#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 2.406 ug/L

RT: 8.68 min Scan# 2282

Delta R.T. -0.05 min

Lab File: VU036376.D

Acq: 30 Dec 2019 18:28

Tgt Ion: 43 Resp: 22955

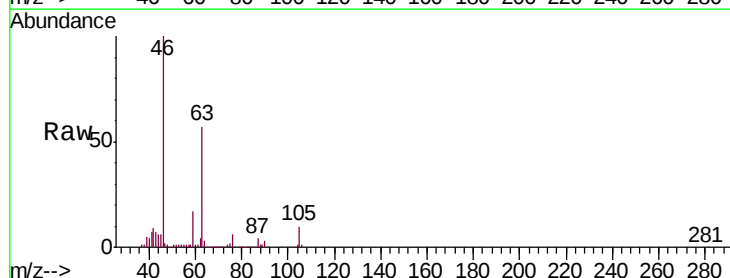
Ion Ratio Lower Upper

43 100

58 16.7 42.7 64.1#

57 29.1 14.6 22.0#

100 0.0 9.0 13.6#

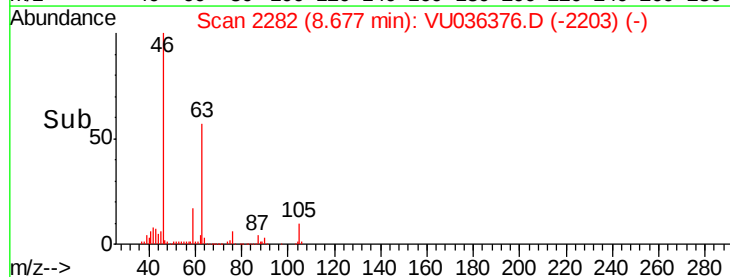
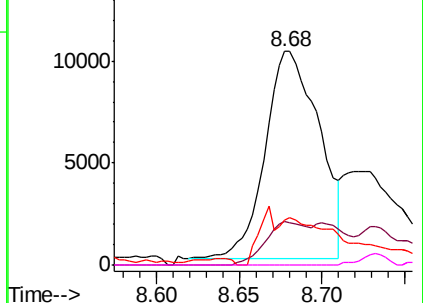


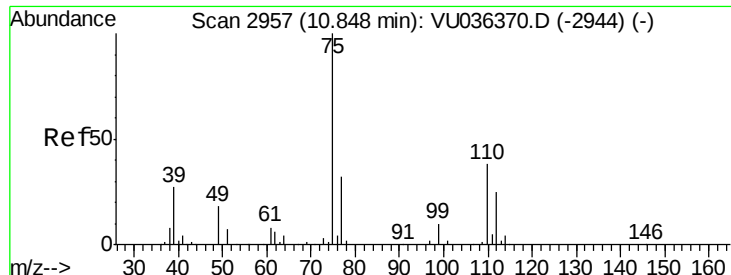
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 1.003 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036376.D

Acq: 30 Dec 2019 18:28

Instrument :

MSVOA_U

ClientSampleId :

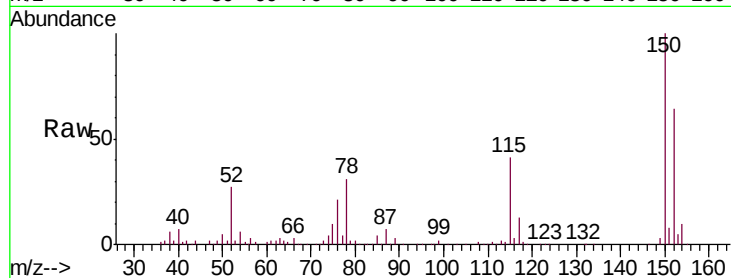
H0BP0

Tgt Ion: 75 Resp: 13233

Ion Ratio Lower Upper

75 100

77 41.7 27.0 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

