

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121819\
 Data File : VU036269.D
 Acq On : 18 Dec 2019 13:34
 Operator : JC/MD
 Sample : K6275-18DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 19 00:53:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 19 00:50:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	260035	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	286478	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	110918	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	129262	5.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.80%
7) Chloroethane-d5	1.93	69	108036	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.59	63	124545	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.69	46	178682	41.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.30%
24) Chloroform-d	5.11	84	170107	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.75	65	88587	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.77	84	320017	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.73	67	100660	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.93	98	260371	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	8.21	79	36044	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.67	63	144596	40.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.02%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	88478	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	94847	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

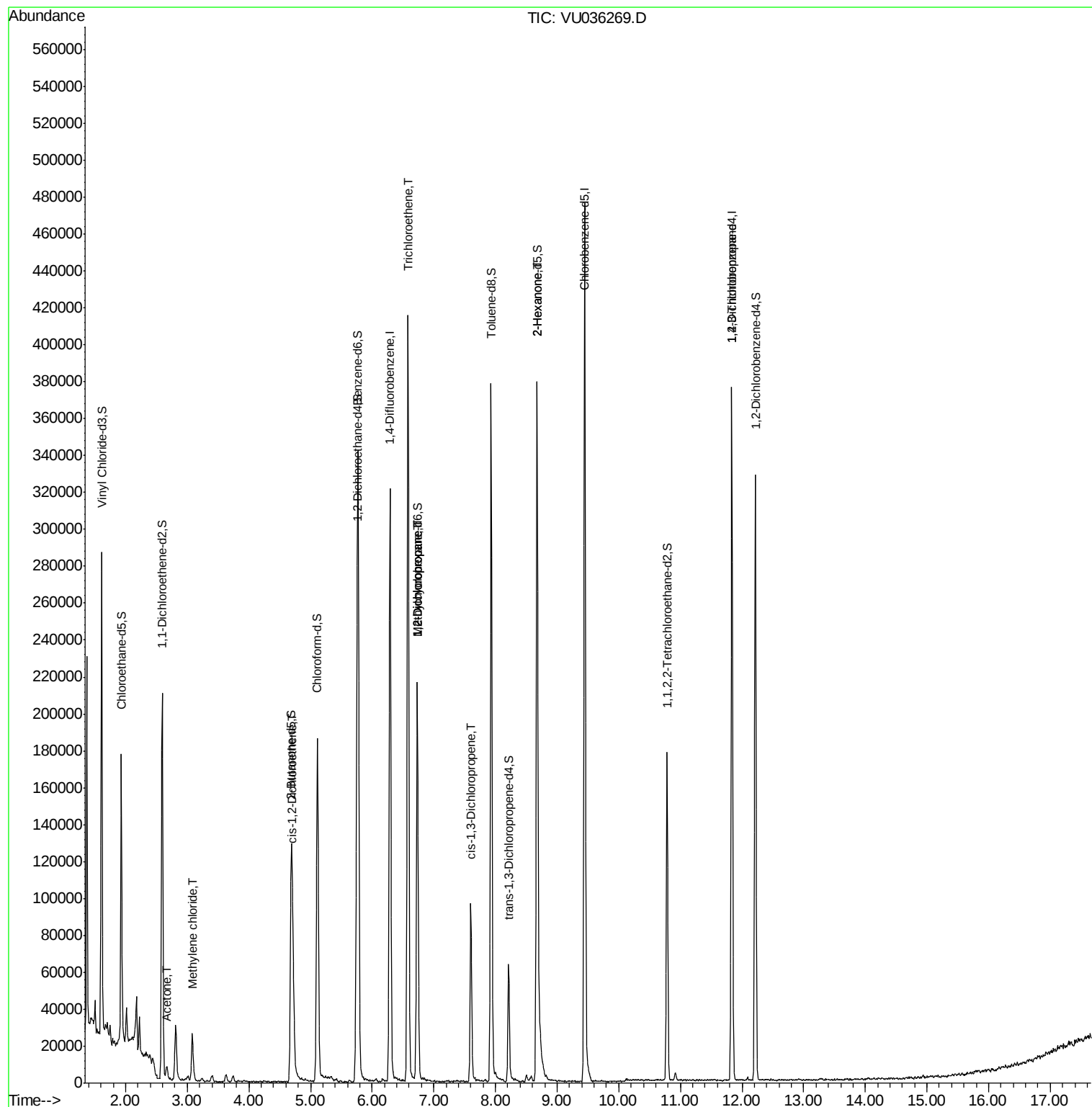
Target Compounds

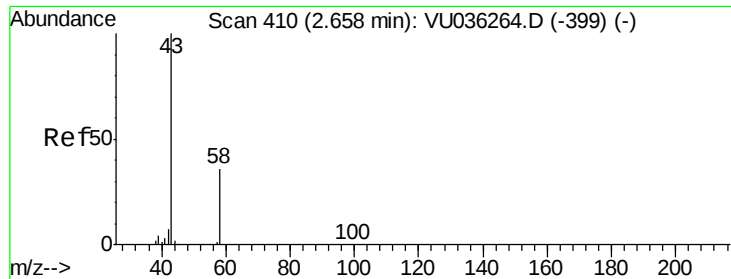
					Ovalue
13) Acetone	2.67	43	8862	2.370	ug/L 98
16) Methylene chloride	3.09	84	13037	0.460	ug/L 88
22) cis-1,2-Dichloroethene	4.72	96	21949	1.013	ug/L 90
34) Trichloroethene	6.58	95	140953	6.210	ug/L 97
35) Methylcyclohexane	6.73	83	25298	0.784	ug/L # 19
37) 1,2-Dichloropropane	6.74	63	10806	0.481	ug/L # 86
39) cis-1,3-Dichloropropene	7.60	75	2304	0.075	ug/L # 48
48) 2-Hexanone	8.67	43	17445	1.990	ug/L # 73
59) 1,2,3-Trichloropropane	11.83	75	11744	0.787	ug/L 93

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

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#13

Acetone

Concen: 2.370 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.01 min

Lab File: VU036269.D

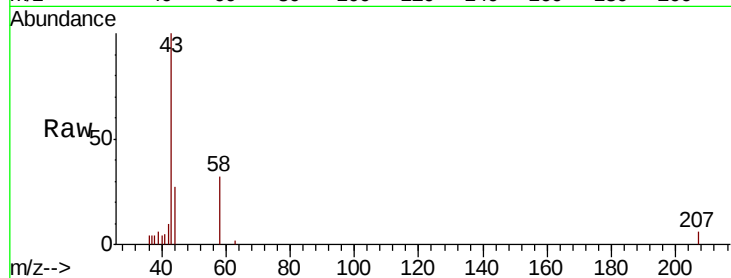
Acq: 18 Dec 2019 13:34

Tot Ion: 43 Resp: 8862

Ion Ratio Lower Upper

43 100

58 32.4 0.0 67.6

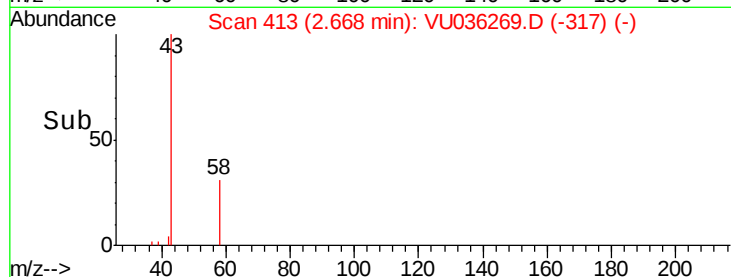


Abundance Ion 43.05 (42.75 to 43.75): VU036269.D (-413) (-)

Ion 58.05 (57.75 to 58.75): VU036269.D (-413) (-)

2.67

Time-->

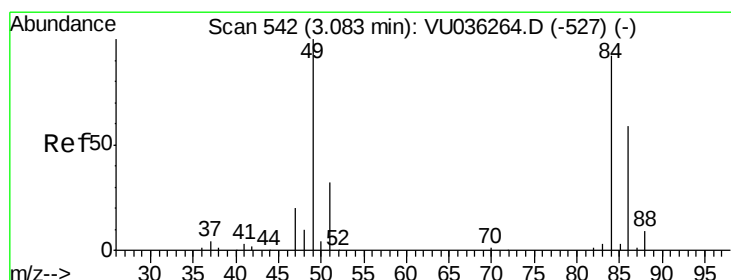


Abundance Ion 43.05 (42.75 to 43.75): VU036269.D (-413) (-)

Ion 58.05 (57.75 to 58.75): VU036269.D (-413) (-)

2.67

Time-->



#16

Methylene chloride

Concen: 0.460 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: VU036269.D

Acq: 18 Dec 2019 13:34

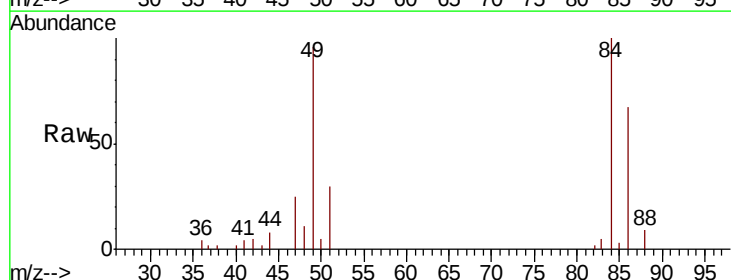
Tgt Ion: 84 Resp: 13037

Ion Ratio Lower Upper

84 100

86 67.2 43.0 79.8

49 95.6 77.3 143.5



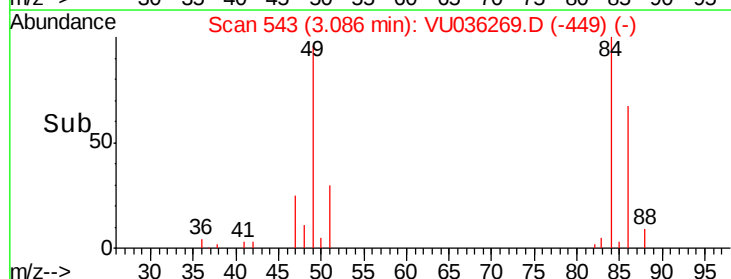
Abundance Ion 84.05 (83.75 to 84.75): VU036269.D (-543) (-)

Ion 86.00 (85.70 to 86.70): VU036269.D (-543) (-)

Ion 49.10 (48.80 to 49.80): VU036269.D (-543) (-)

3.09

Time-->



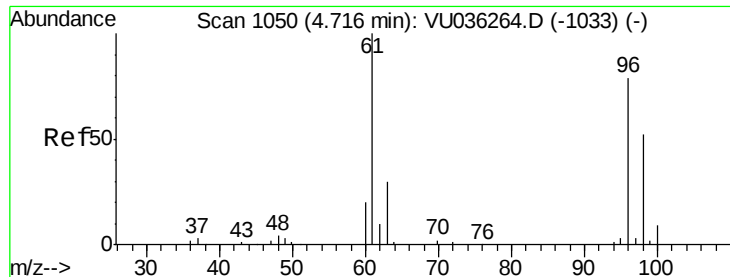
Abundance Ion 84.05 (83.75 to 84.75): VU036269.D (-543) (-)

Ion 86.00 (85.70 to 86.70): VU036269.D (-543) (-)

Ion 49.10 (48.80 to 49.80): VU036269.D (-543) (-)

3.09

Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.013 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU036269.D

Acq: 18 Dec 2019 13:34

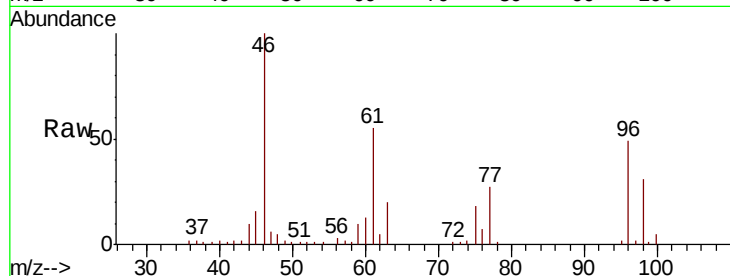
Tot Ion: 96 Resp: 21949

Ion Ratio Lower Upper

96 100

61 112.5 86.7 161.1

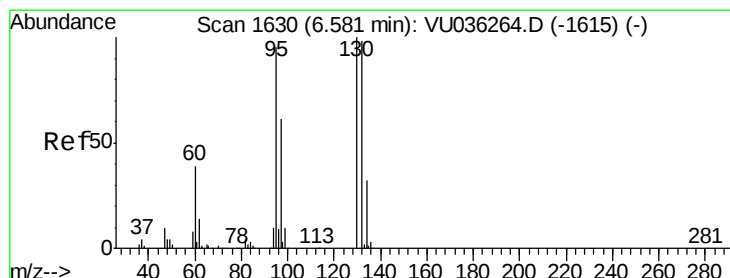
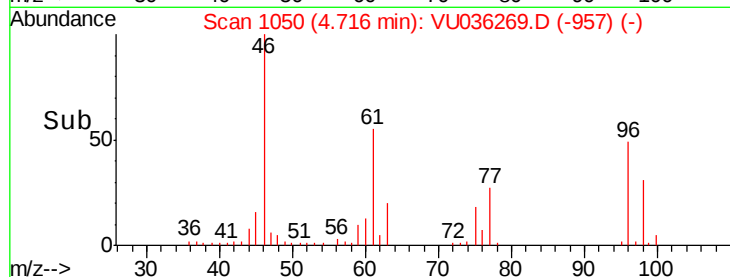
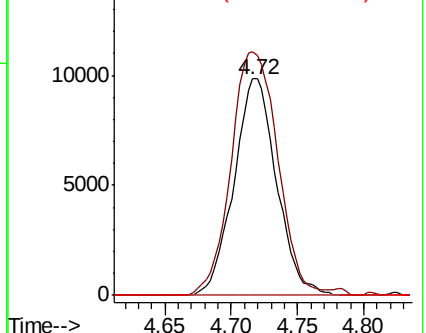
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036269.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU036269.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU036269.D (-957) (-)



#34

Trichloroethene

Concen: 6.210 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU036269.D

Acq: 18 Dec 2019 13:34

Tgt Ion: 95 Resp: 140953

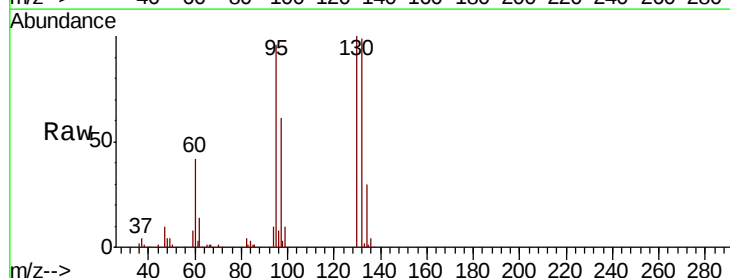
Ion Ratio Lower Upper

95 100

97 63.5 43.6 81.0

132 102.8 69.6 129.2

130 104.1 70.3 130.7

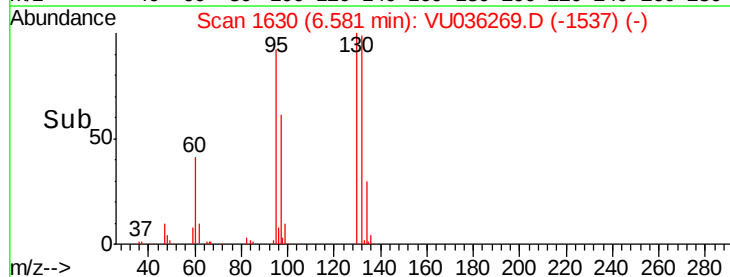
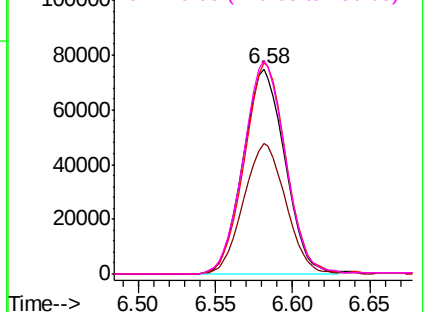


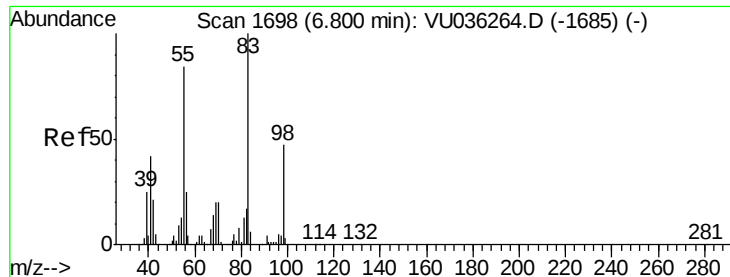
Abundance Ion 95.00 (94.70 to 95.70): VU036269.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU036269.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU036269.D (-1537) (-)

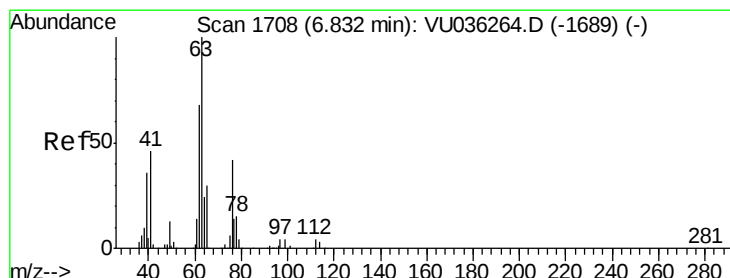
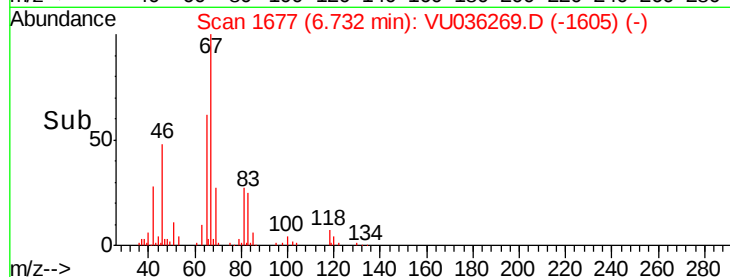
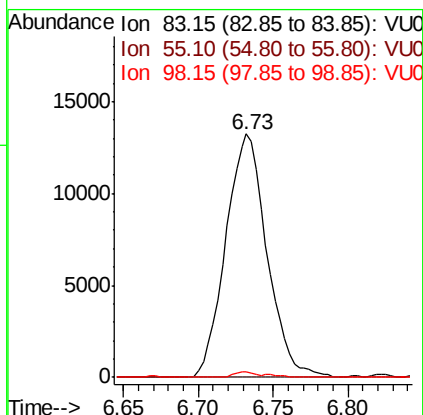
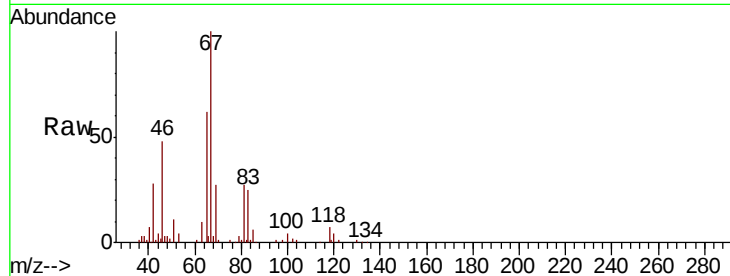
Ion 129.95 (129.65 to 130.65): VU036269.D (-1537) (-)





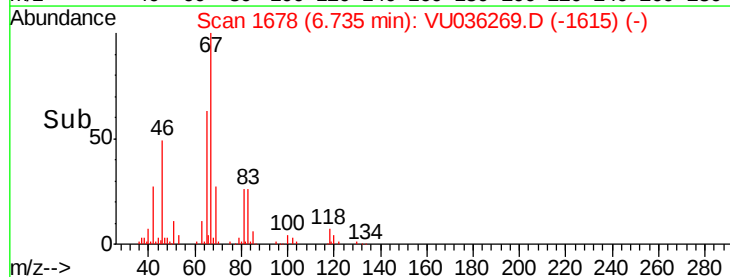
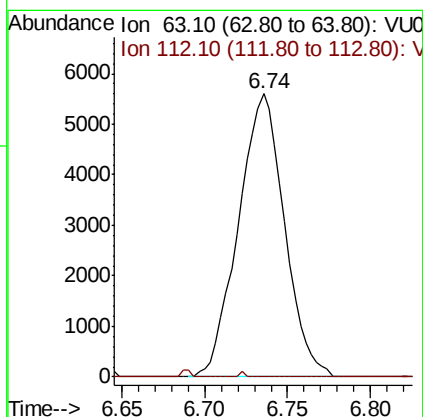
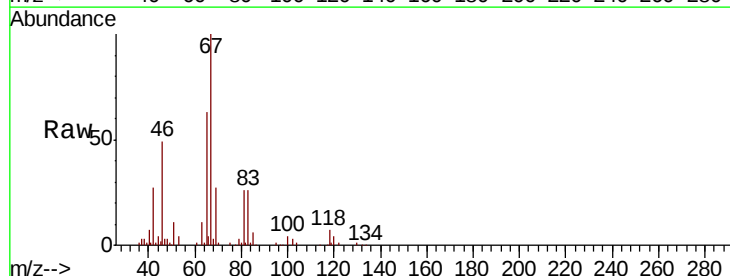
#35
Methylcyclohexane
Concen: 0.784 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036269.D
Acq: 18 Dec 2019 13:34

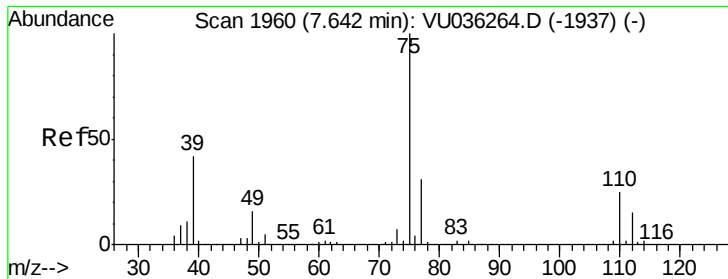
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.5	36.2	54.2#



#37
1,2-Dichloropropane
Concen: 0.481 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU036269.D
Acq: 18 Dec 2019 13:34

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.8	5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU036269.D

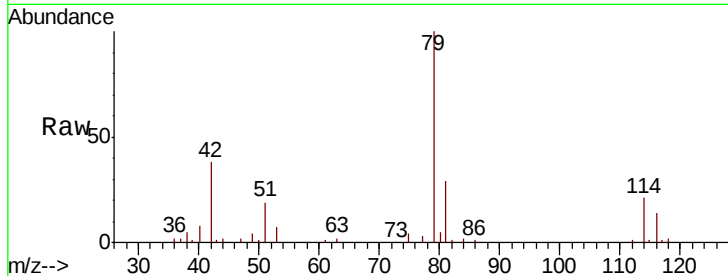
Acq: 18 Dec 2019 13:34

Tot Ion: 75 Resp: 2304

Ion Ratio Lower Upper

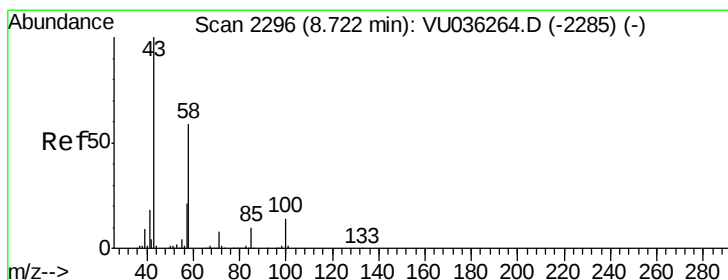
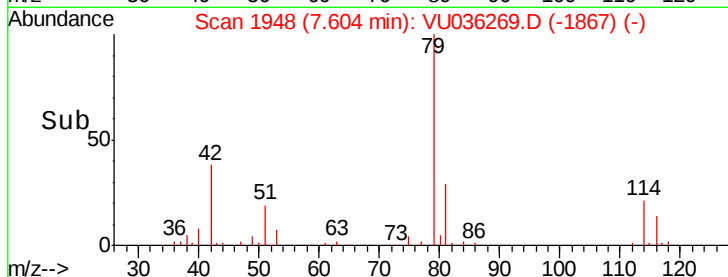
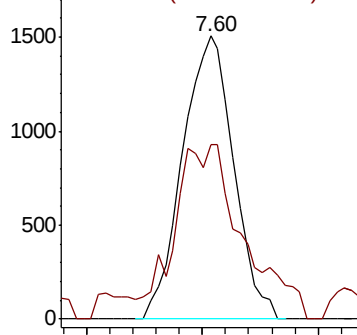
75 100

77 61.8 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 1.990 ug/L

RT: 8.67 min Scan# 2281

Delta R.T. -0.05 min

Lab File: VU036269.D

Acq: 18 Dec 2019 13:34

Tgt Ion: 43 Resp: 17445

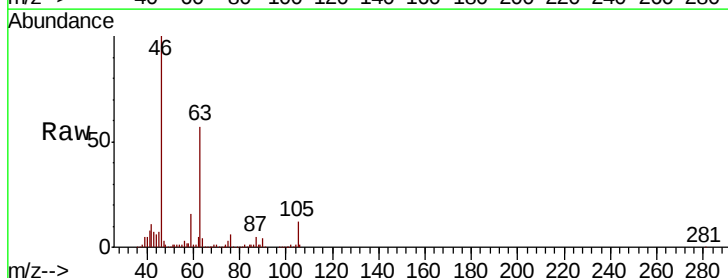
Ion Ratio Lower Upper

43 100

58 36.3 46.2 69.2#

57 32.2 16.2 24.4#

100 4.4 10.2 15.4#

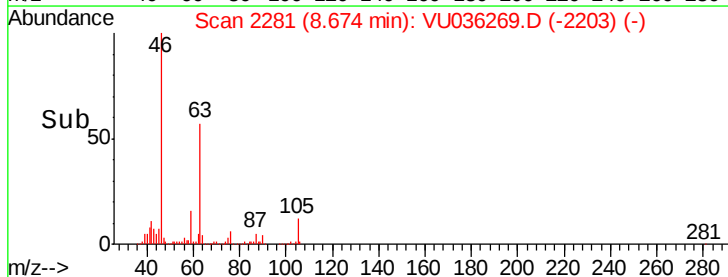
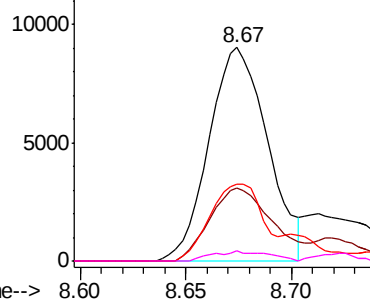


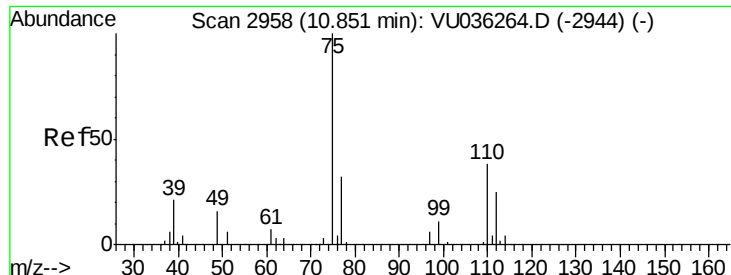
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 0.787 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036269.D

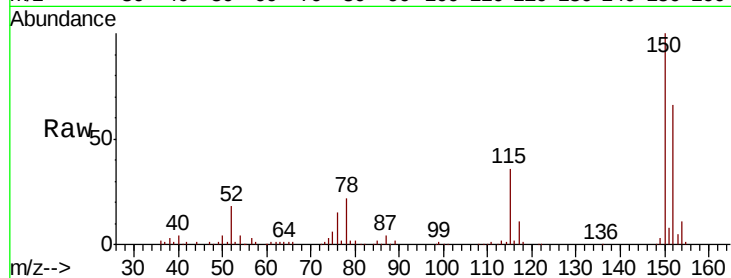
Acq: 18 Dec 2019 13:34

Tot Ion: 75 Resp: 11744

Ion Ratio Lower Upper

75 100

77 37.9 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

