

Data File : VU035721.D
Acq On : 15 Nov 2019 13:01
Operator : JC/SP
Sample : K5856-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQG7

Quant Time: Nov 16 01:40:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 16 01:36:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	228791	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	251942	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	89037	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	107686	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.93	69	102332	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.60	63	139006	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.70	46	286106	55.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.06%
24) Chloroform-d	5.11	84	201963	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.75	65	108017	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.77	84	404242	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.74	67	139125	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.93	98	334848	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.22	79	51258	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.70	63	217939	54.30	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.60%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	116692	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	102589	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

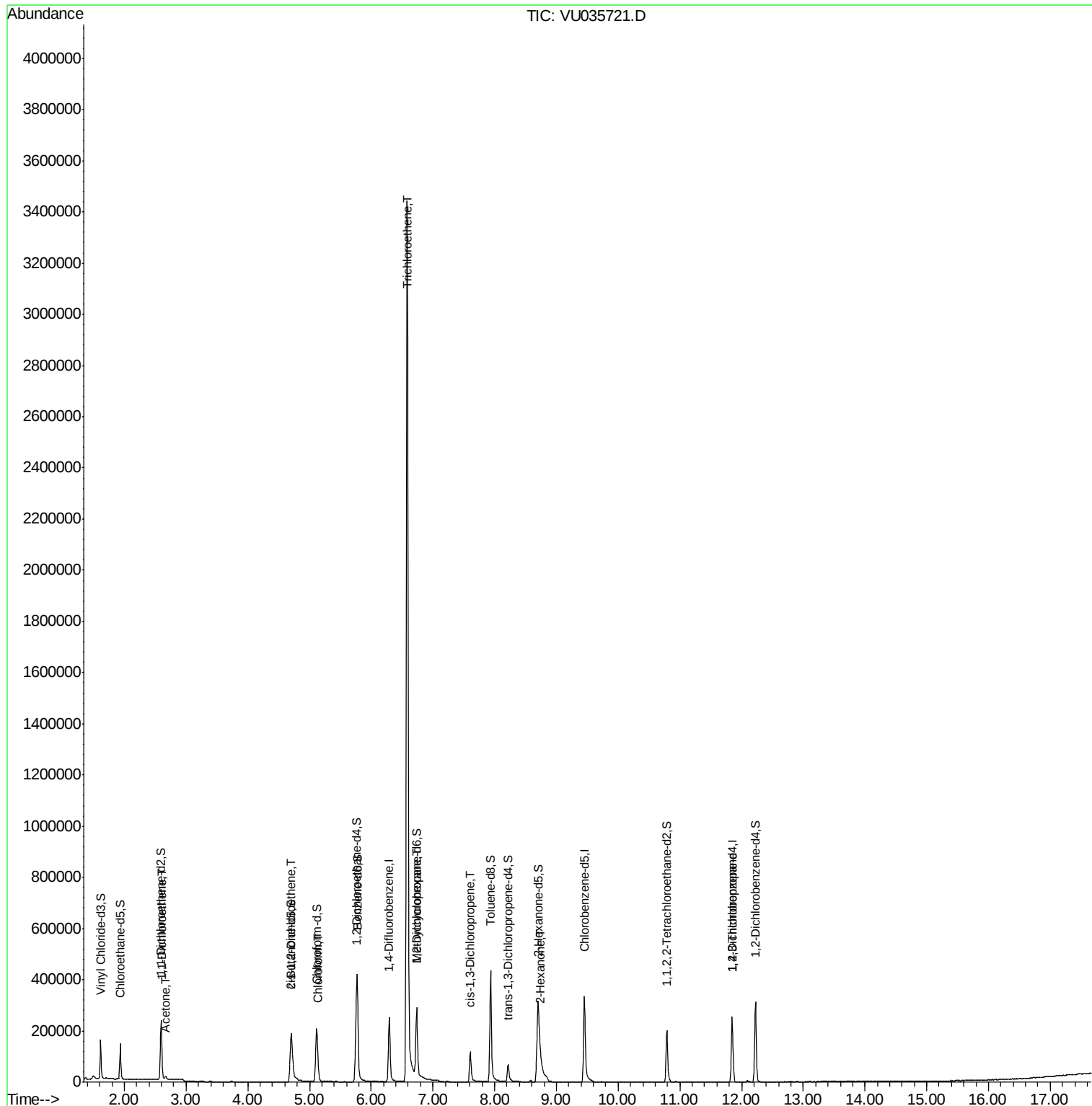
					Qvalue
12) 1,1-Dichloroethene	2.61	96	4155	0.207 ug/L #	1
13) Acetone	2.67	43	9603	2.562 ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	21934	0.959 ug/L	89
25) Chloroform	5.14	83	23705	0.567 ug/L	92
34) Trichloroethene	6.58	95	1263183	55.669 ug/L	99
35) Methylcyclohexane	6.74	83	31955	0.924 ug/L #	18
39) cis-1,3-Dichloropropene	7.60	75	3326	0.100 ug/L #	46
48) 2-Hexanone	8.75	43	14385	1.507 ug/L #	67
59) 1,2,3-Trichloropropane	11.84	75	9260	0.599 ug/L	93

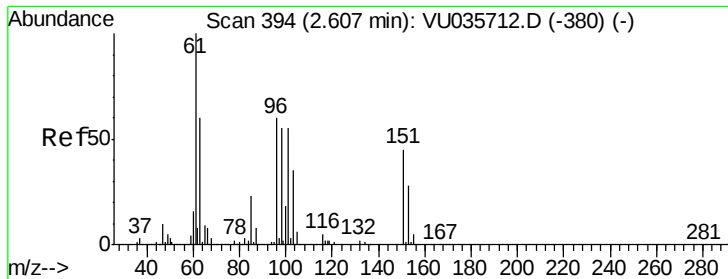
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.207 ug/L

RT: 2.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: VU035721.D

Acq: 15 Nov 2019 13:01

Instrument :

MSVOA_U

ClientSampleId :

GAQG7

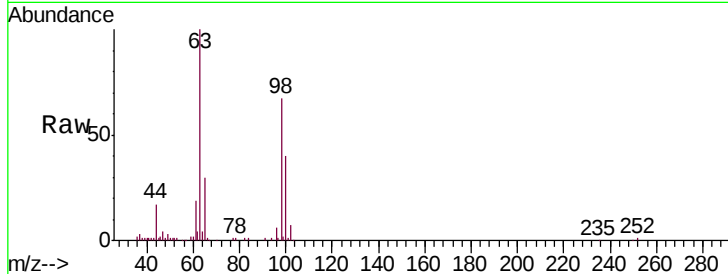
Tgt Ion: 96 Resp: 4155

Ion Ratio Lower Upper

96 100

61 332.2 123.1 228.5#

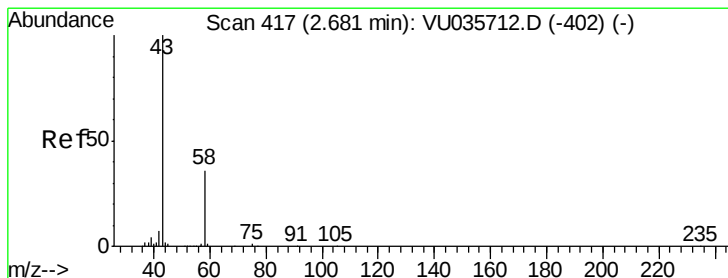
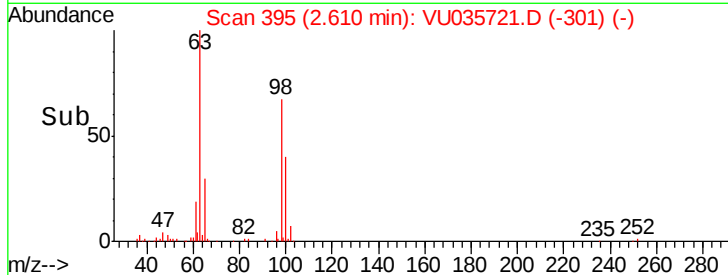
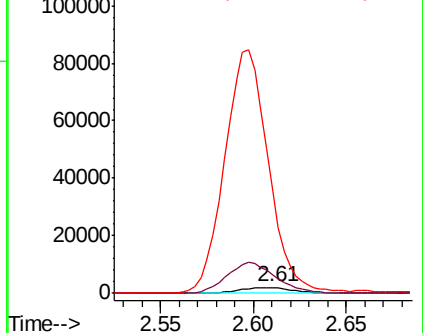
63 1781.6 87.8 163.0#



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: 2.562 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

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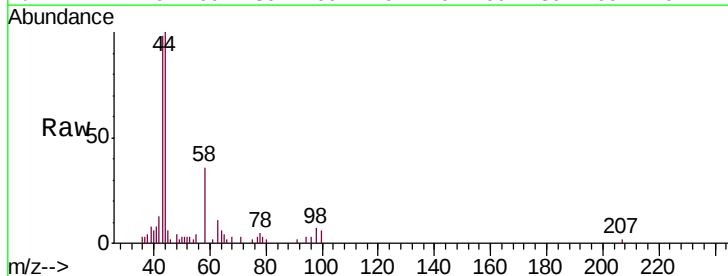
Acq: 15 Nov 2019 13:01

Tgt Ion: 43 Resp: 9603

Ion Ratio Lower Upper

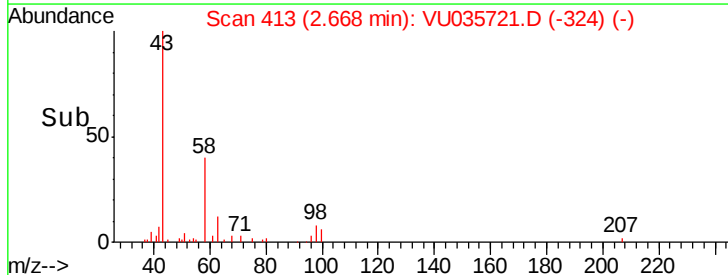
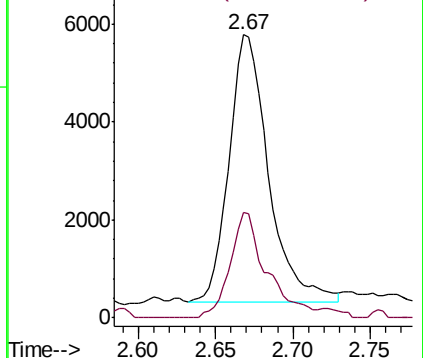
43 100

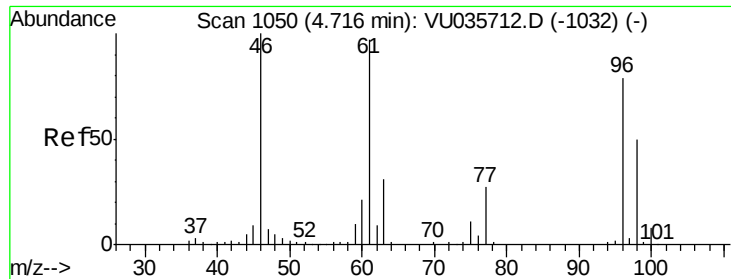
58 36.8 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

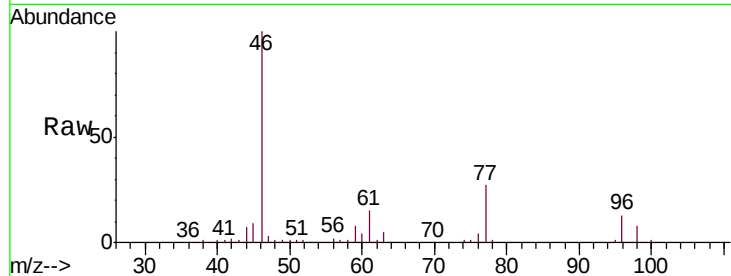




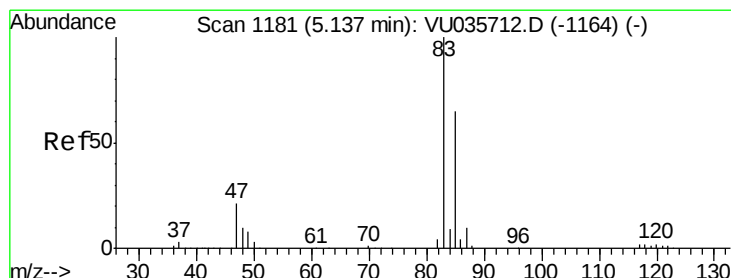
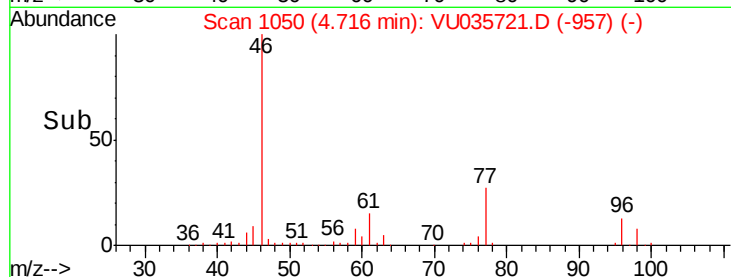
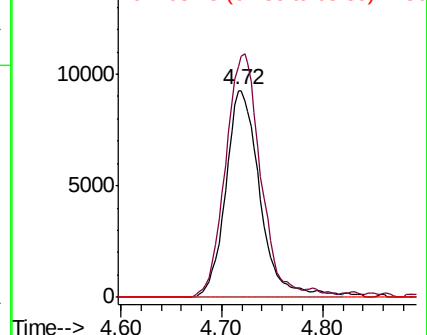
#22
 cis-1,2-Dichloroethene
 Concen: 0.959 ug/L
 RT: 4.72 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU035721.D
 Acq: 15 Nov 2019 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQG7

Tgt Ion: 96 Resp: 21934
 Ion Ratio Lower Upper
 96 100
 61 111.8 87.0 161.6
 68 0.0 0.0 0.0

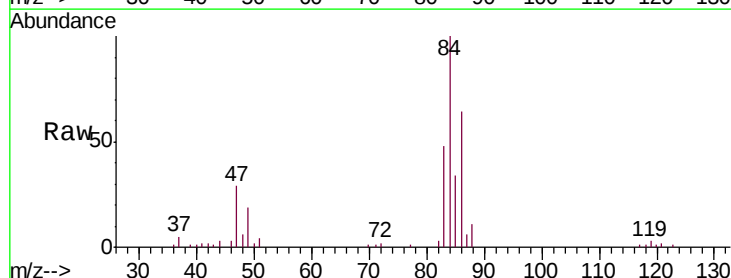


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

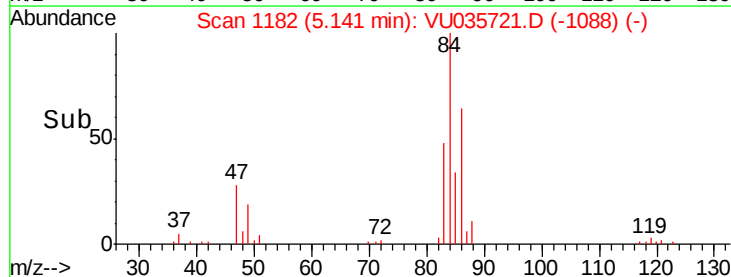
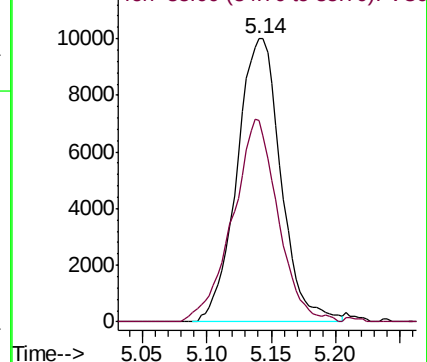


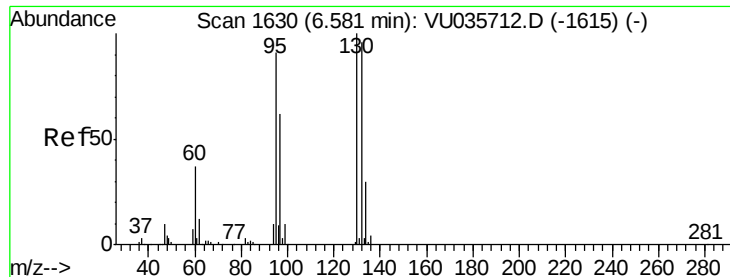
#25
 Chloroform
 Concen: 0.567 ug/L
 RT: 5.14 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VU035721.D
 Acq: 15 Nov 2019 13:01

Tgt Ion: 83 Resp: 23705
 Ion Ratio Lower Upper
 83 100
 85 71.3 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 55.669 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035721.D

Acq: 15 Nov 2019 13:01

Instrument :

MSVOA_U

ClientSampleId :

GAQG7

Tgt Ion: 95 Resp: 1263183

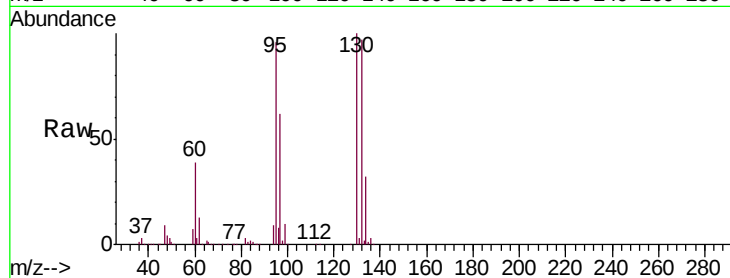
Ion Ratio Lower Upper

95 100

97 64.4 44.5 82.7

132 101.2 69.9 129.7

130 104.5 74.1 137.7

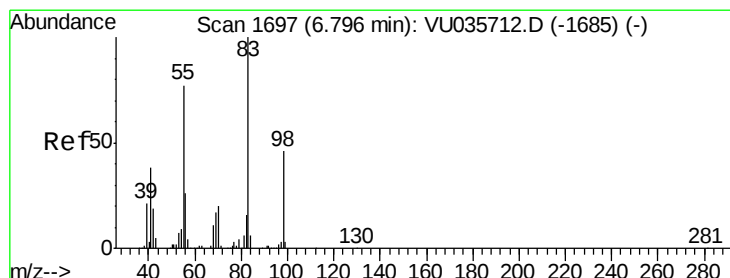
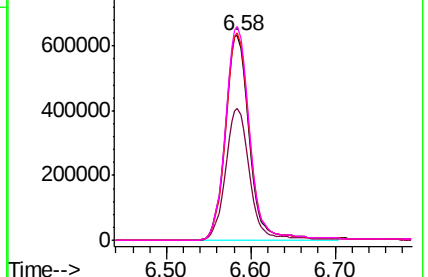
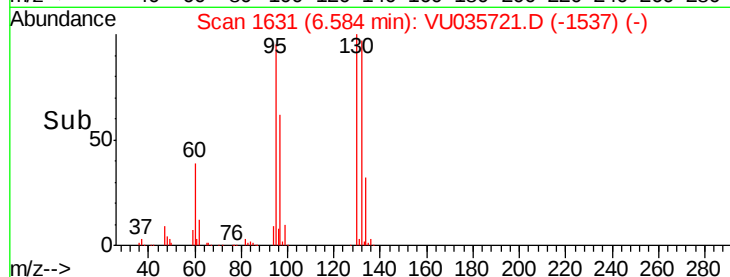


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.924 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035721.D

Acq: 15 Nov 2019 13:01

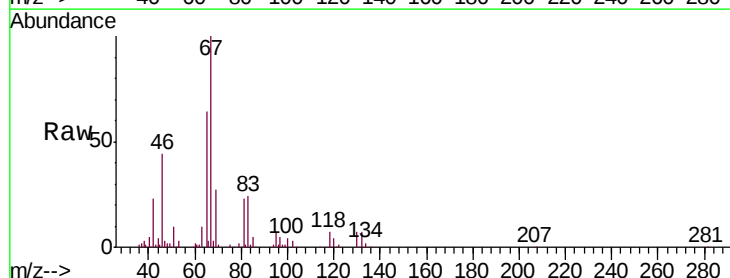
Tgt Ion: 83 Resp: 31955

Ion Ratio Lower Upper

83 100

55 0.1 62.6 93.8#

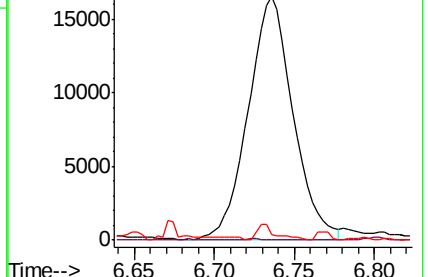
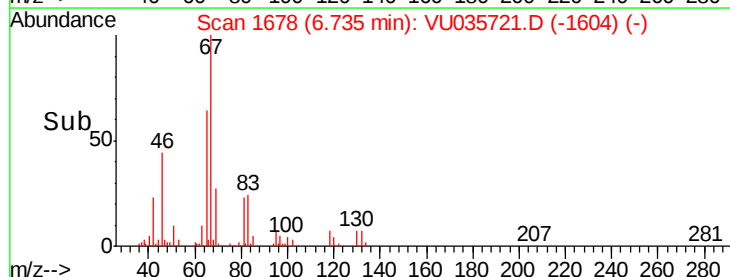
98 0.0 37.2 55.8#

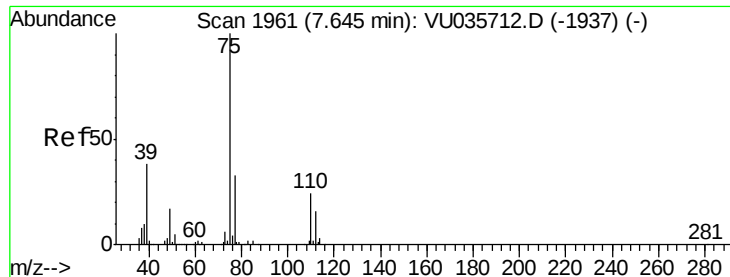


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

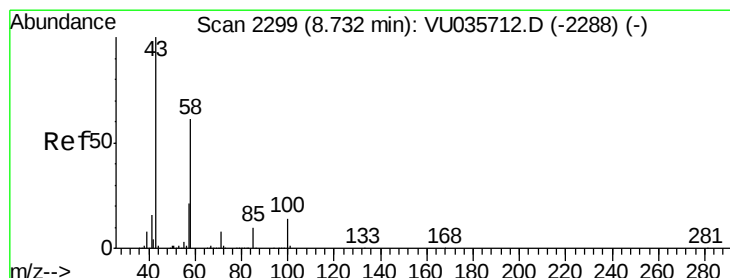
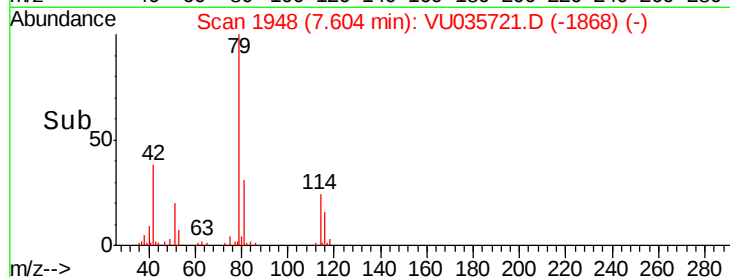
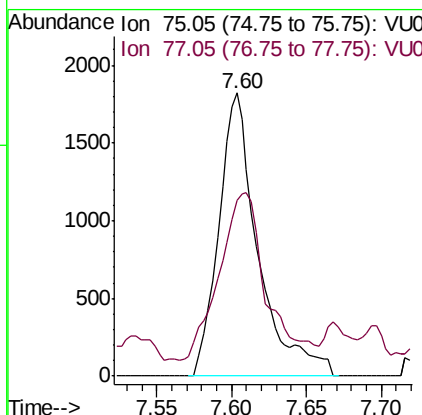
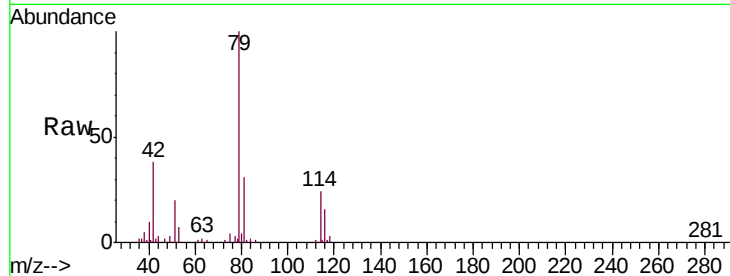




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035721.D
 Acq: 15 Nov 2019 13:01

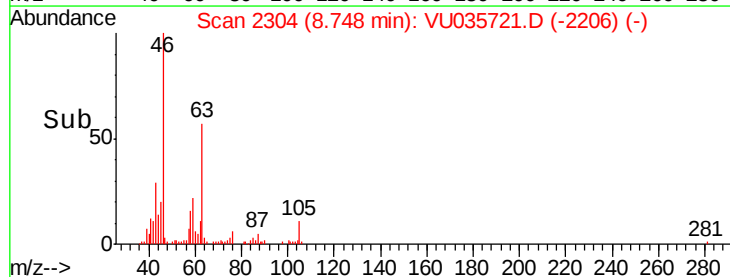
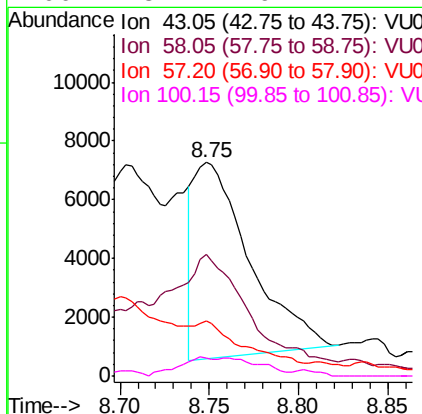
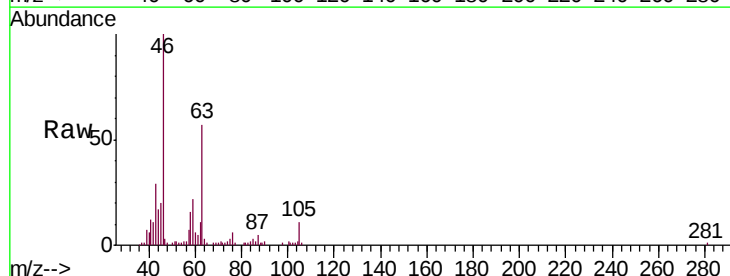
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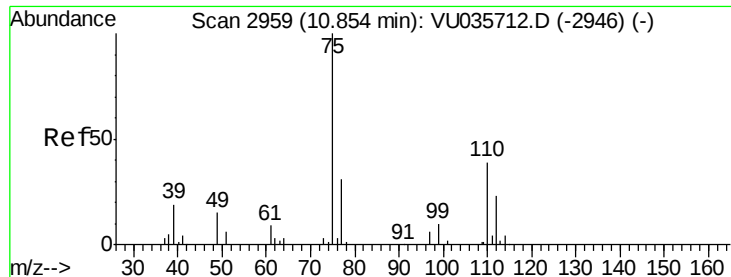
Tgt Ion: 75 Resp: 3326
 Ion Ratio Lower Upper
 75 100
 77 62.0 22.5 41.7#



#48
 2-Hexanone
 Concen: 1.507 ug/L
 RT: 8.75 min Scan# 2304
 Delta R.T. 0.02 min
 Lab File: VU035721.D
 Acq: 15 Nov 2019 13:01

Tgt Ion: 43 Resp: 14385
 Ion Ratio Lower Upper
 43 100
 58 79.0 44.1 66.1#
 57 0.0 15.1 22.7#
 100 5.7 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.599 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035721.D

Acq: 15 Nov 2019 13:01

Instrument :

MSVOA_U

ClientSampleId :

GAQG7

Tgt Ion: 75 Resp: 9260

Ion Ratio Lower Upper

75 100

77 37.2 26.8 40.2

