

Data File : VU036975.D
Acq On : 28 Feb 2020 16:15
Operator : JC/MD
Sample : L1686-08MEDL 5X
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAW05MEDL

Quant Time: Feb 29 00:35:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 29 00:30:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	247417	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	239721	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	93880	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	78309	37.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.38%
7) Chloroethane-d5	1.91	69	71603	41.65	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.30%
11) 1,1-Dichloroethene-d2	2.58	63	106139	30.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.00%
21) 2-Butanone-d5	4.67	46	144601	103.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.75%
24) Chloroform-d	5.10	84	144736	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.24%
26) 1,2-Dichloroethane-d4	5.74	65	102574	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
32) Benzene-d6	5.76	84	322462	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
36) 1,2-Dichloropropane-d6	6.72	67	108150	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.30%
41) Toluene-d8	7.92	98	298636	46.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.86%
43) trans-1,3-Dichloropropene-	8.20	79	47294	45.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.62%
47) 2-Hexanone-d5	8.66	63	113507	103.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	159018	50.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.44%
64) 1,2-Dichlorobenzene-d4	12.21	152	95107	51.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.64%

Target Compounds

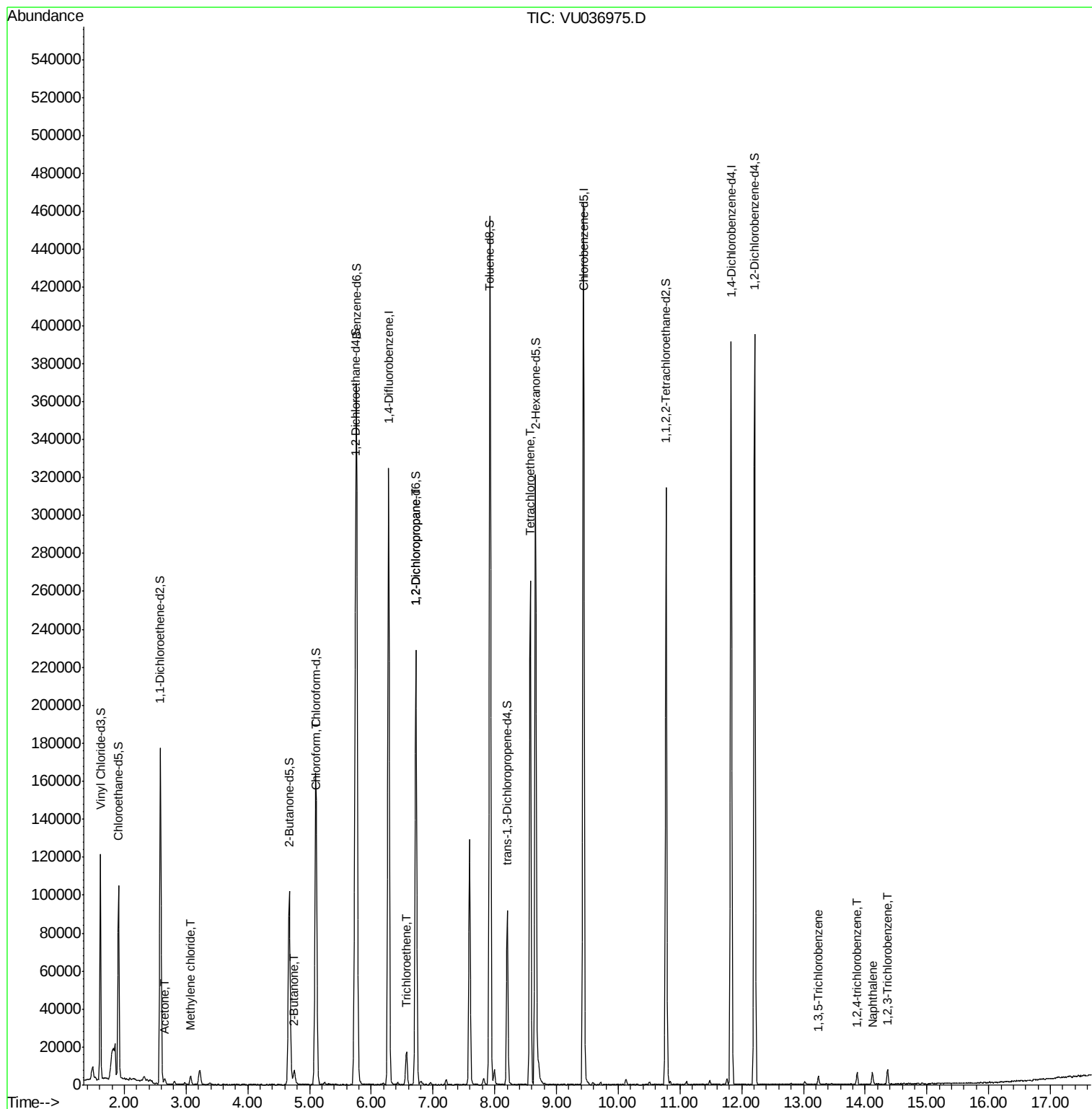
					Qvalue
13) Acetone	2.66	43	3466	2.418 ug/L	90
16) Methylene chloride	3.08	84	2252	1.155 ug/L	85
22) 2-Butanone	4.75	43	11013	6.371 ug/L	99
25) Chloroform	5.12	83	2680	0.833 ug/L	95
34) Trichloroethene	6.57	95	5265	2.829 ug/L	96
37) 1,2-Dichloropropane	6.72	63	11552	5.665 ug/L #	88
46) Tetrachloroethene	8.57	164	53787	43.865 ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	1611	0.833 ug/L #	95
68) 1,2,4-trichlorobenzene	13.87	180	2370	1.636 ug/L #	85
69) Naphthalene	14.12	128	5738	2.244 ug/L #	86
70) 1,2,3-Trichlorobenzene	14.36	180	2484	1.716 ug/L	93

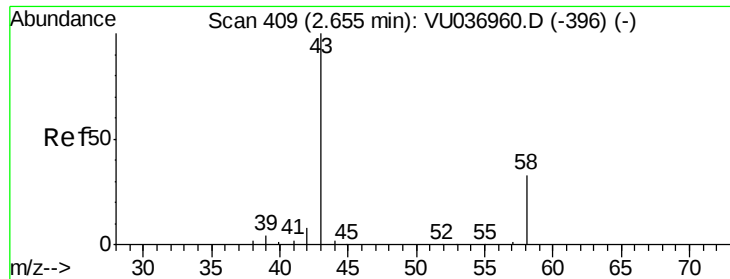
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#13

Acetone

Concen: 2.418 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU036975.D

Acq: 28 Feb 2020 16:15

Instrument :

MSVOA_U

ClientSampleId :

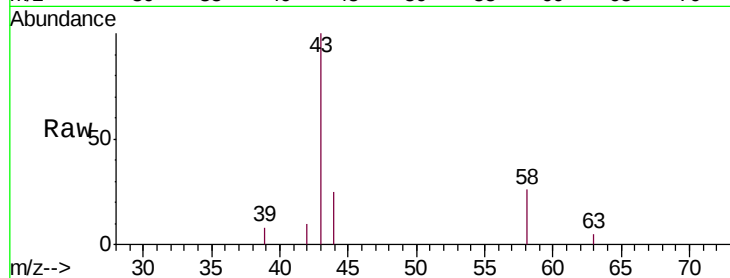
GAW05MEDL

Tgt Ion: 43 Resp: 3466

Ion Ratio Lower Upper

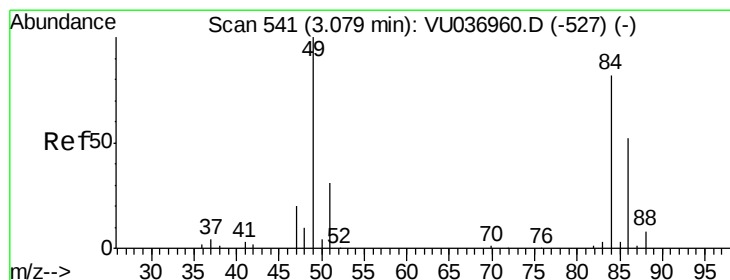
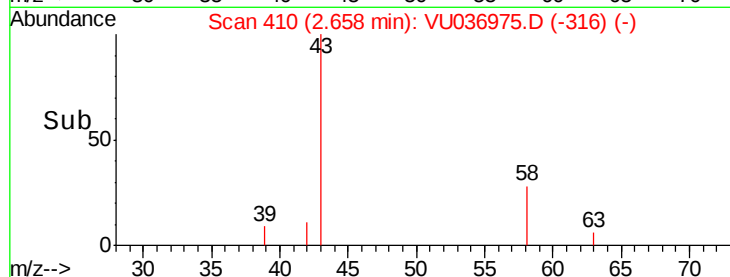
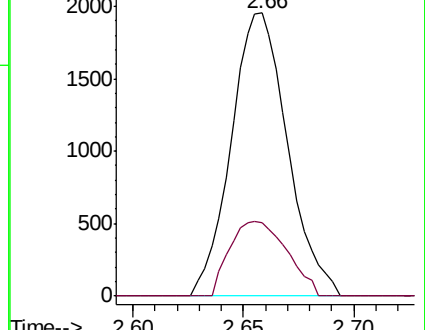
43 100

58 26.8 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036975.D (-410) (-)

Ion 58.00 (57.70 to 58.70): VU036975.D (-410) (-)



#16

Methylene chloride

Concen: 1.155 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU036975.D

Acq: 28 Feb 2020 16:15

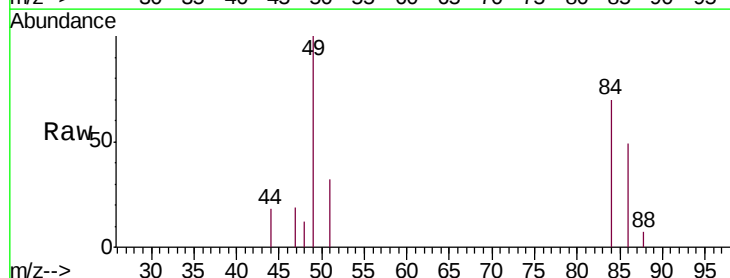
Tgt Ion: 84 Resp: 2252

Ion Ratio Lower Upper

84 100

86 70.0 44.4 82.5

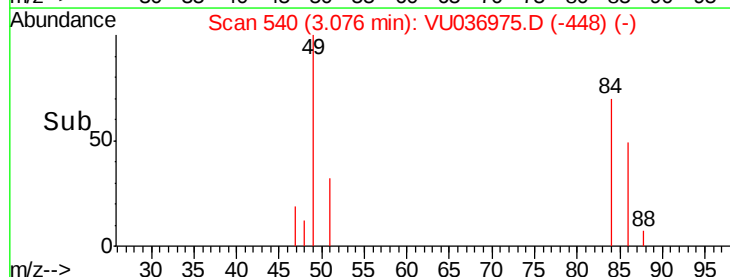
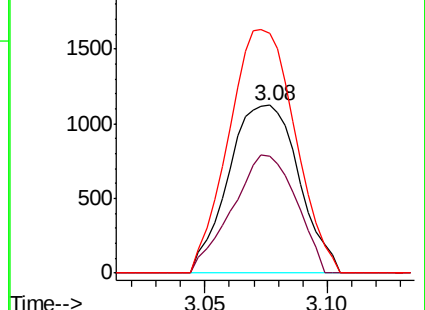
49 142.7 85.9 159.5

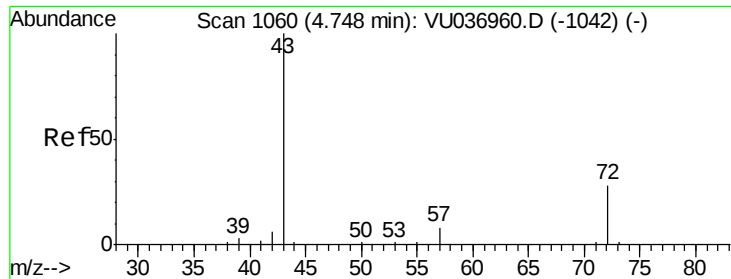


Abundance Ion 84.00 (83.70 to 84.70): VU036975.D (-540) (-)

Ion 86.00 (85.70 to 86.70): VU036975.D (-540) (-)

Ion 49.00 (48.70 to 49.70): VU036975.D (-540) (-)





#22

2-Butanone

Concen: 6.371 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. 0.00 min

Lab File: VU036975.D

Acq: 28 Feb 2020 16:15

Instrument :

MSVOA_U

ClientSampleId :

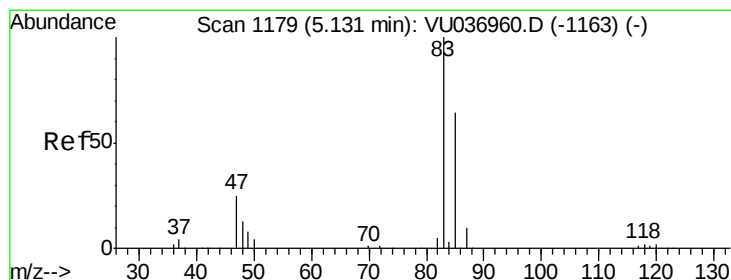
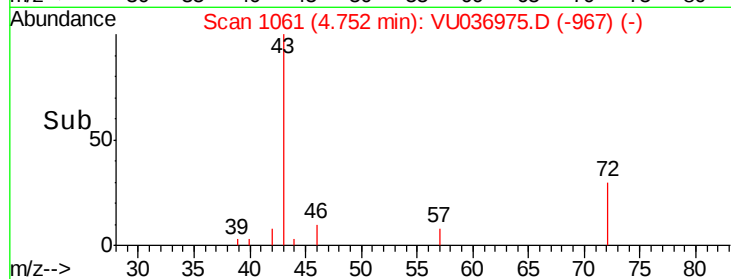
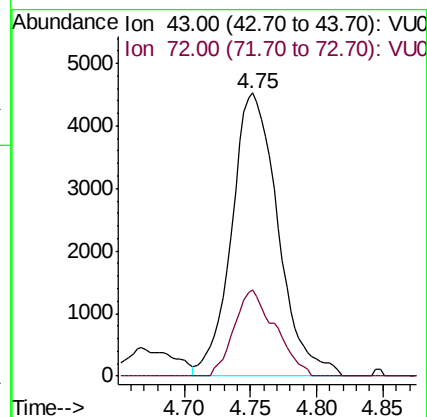
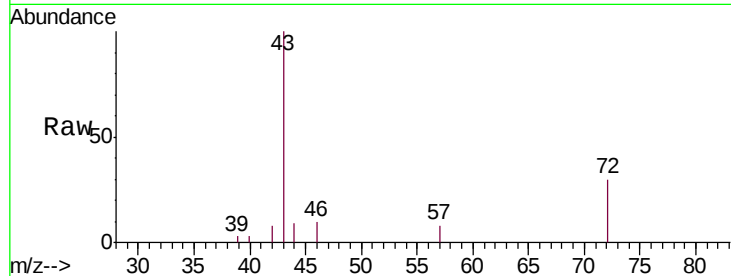
GAW05MEDL

Tgt Ion: 43 Resp: 11013

Ion Ratio Lower Upper

43 100

72 27.1 13.9 41.6



#25

Chloroform

Concen: 0.833 ug/L

RT: 5.12 min Scan# 1176

Delta R.T. -0.01 min

Lab File: VU036975.D

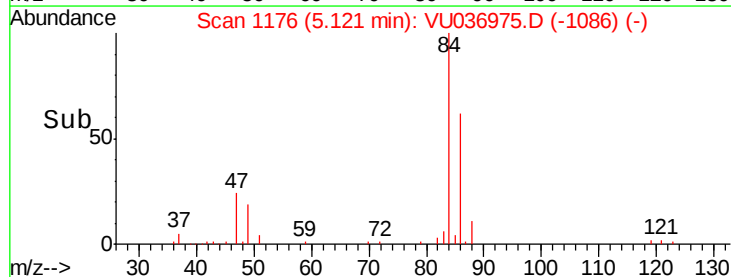
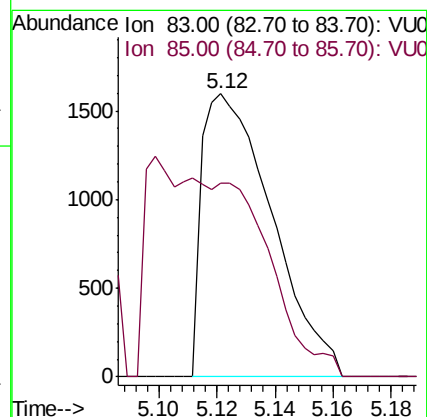
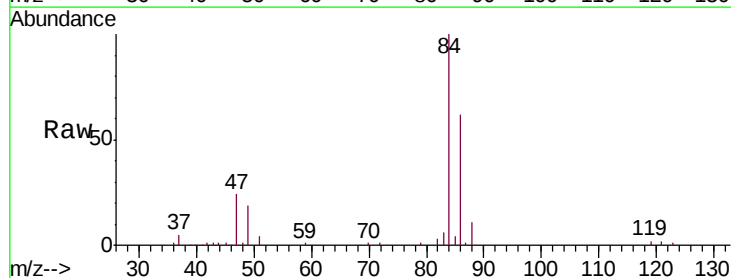
Acq: 28 Feb 2020 16:15

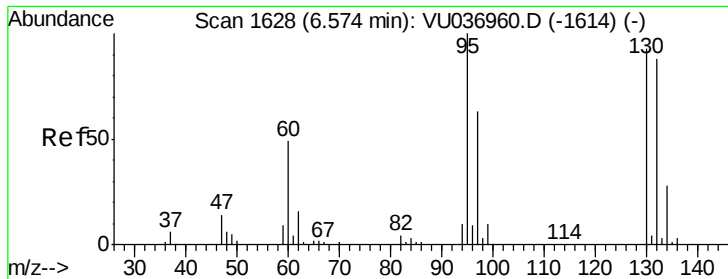
Tgt Ion: 83 Resp: 2680

Ion Ratio Lower Upper

83 100

85 68.6 45.1 83.9





#34

Trichloroethene

Concen: 2.829 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU036975.D

Acq: 28 Feb 2020 16:15

Instrument :

MSVOA_U

ClientSampleId :

GAW05MEDL

Tgt Ion: 95 Resp: 5265

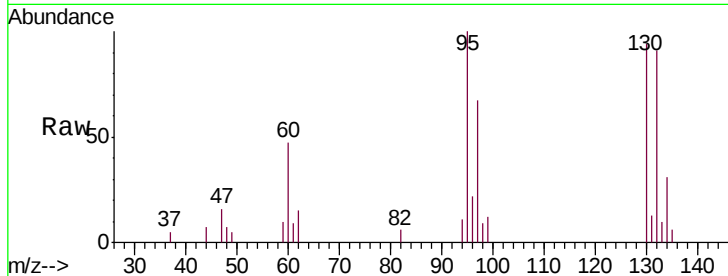
Ion Ratio Lower Upper

95 100

97 67.5 44.1 81.9

132 91.4 60.6 112.6

130 93.6 64.9 120.5

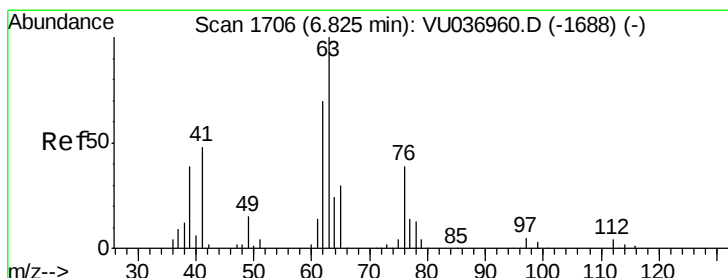
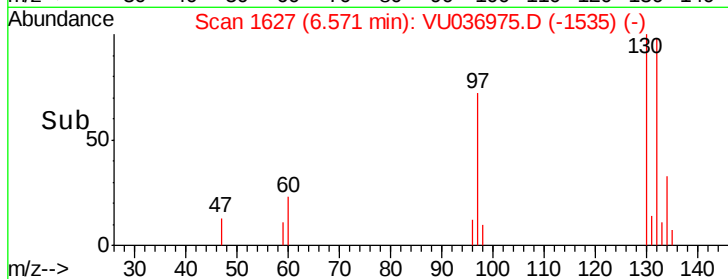
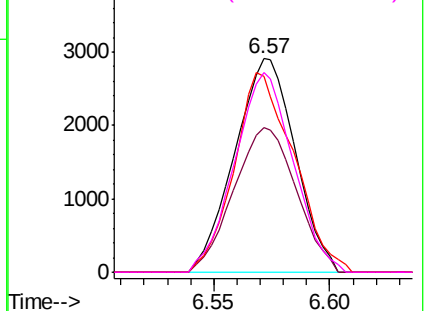


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 5.665 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU036975.D

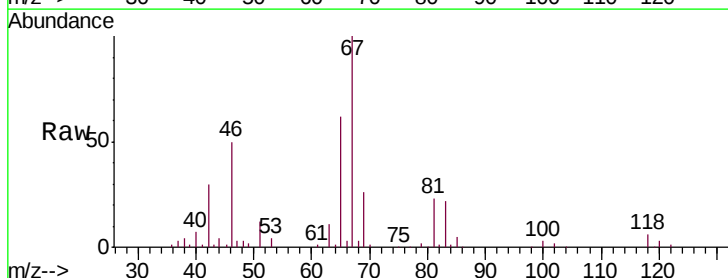
Acq: 28 Feb 2020 16:15

Tgt Ion: 63 Resp: 11552

Ion Ratio Lower Upper

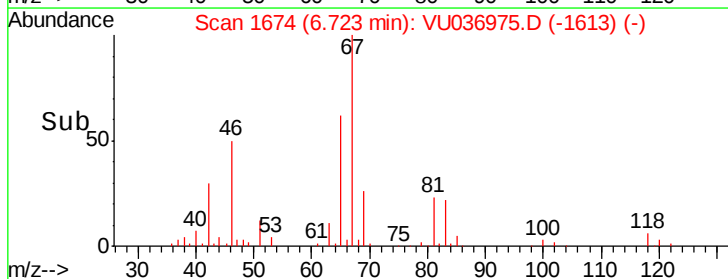
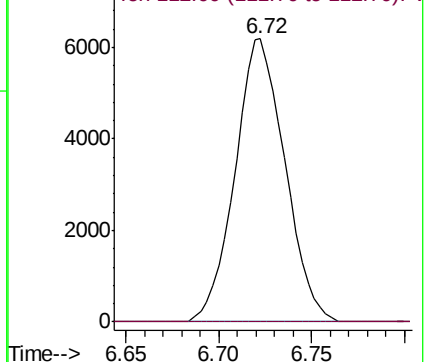
63 100

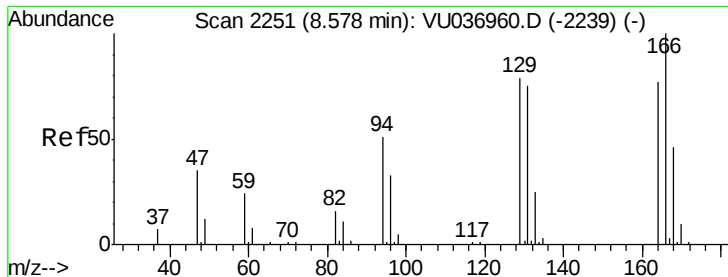
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 43.865 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU036975.D

Acq: 28 Feb 2020 16:15

Instrument :

MSVOA_U

ClientSampleId :

GAW05MEDL

Tgt Ion:164 Resp: 53787

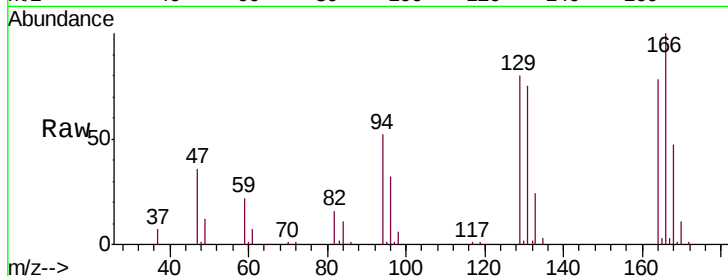
Ion Ratio Lower Upper

164 100

129 102.9 72.0 133.8

131 96.6 67.9 126.1

166 128.5 87.1 161.7

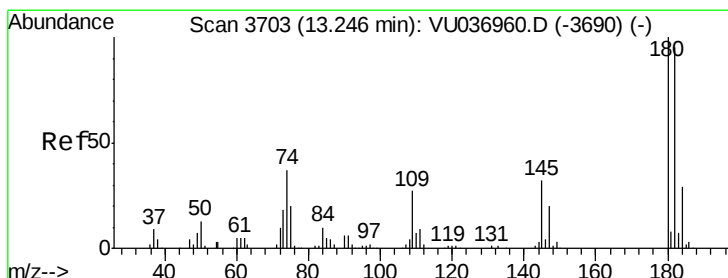
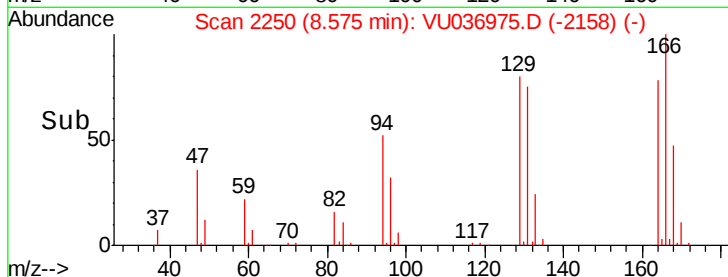
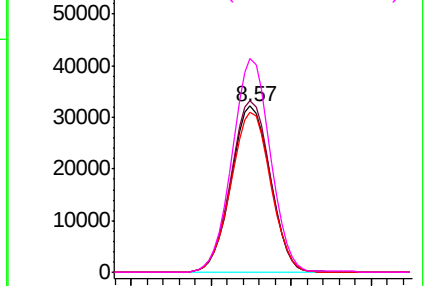


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#67

1,3,5-Trichlorobenzene

Concen: 0.833 ug/L

RT: 13.24 min Scan# 3701

Delta R.T. -0.01 min

Lab File: VU036975.D

Acq: 28 Feb 2020 16:15

Tgt Ion:180 Resp: 1611

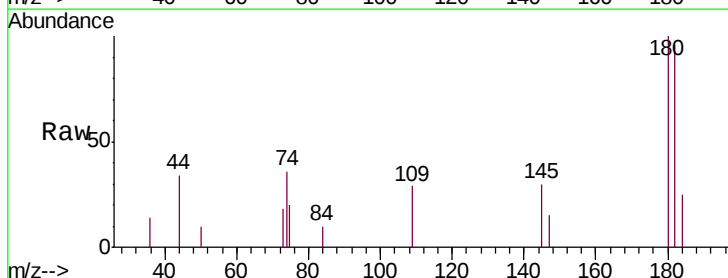
Ion Ratio Lower Upper

180 100

182 94.9 76.9 115.3

184 21.3 24.2 36.2#

145 29.7 25.3 37.9

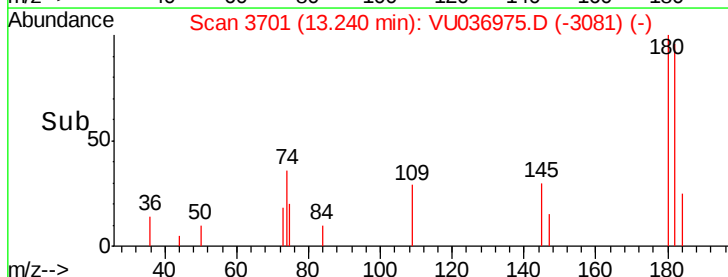
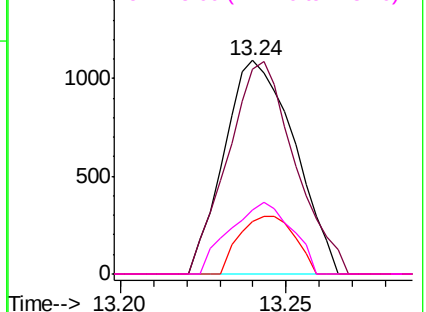


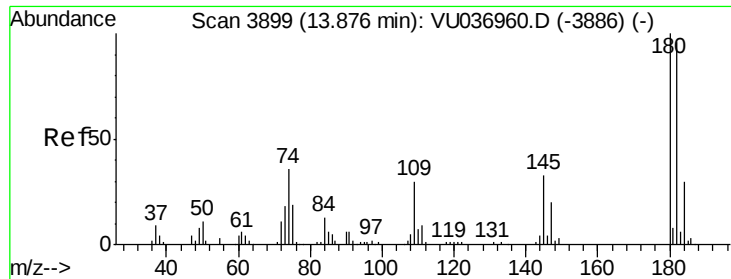
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

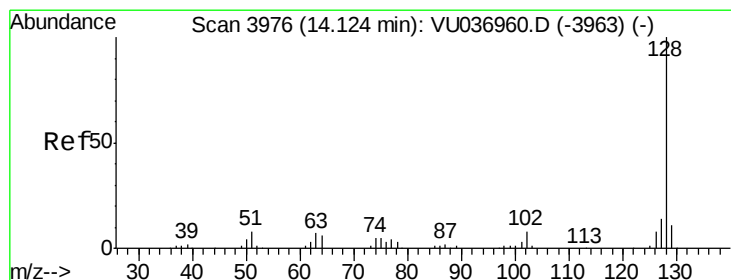
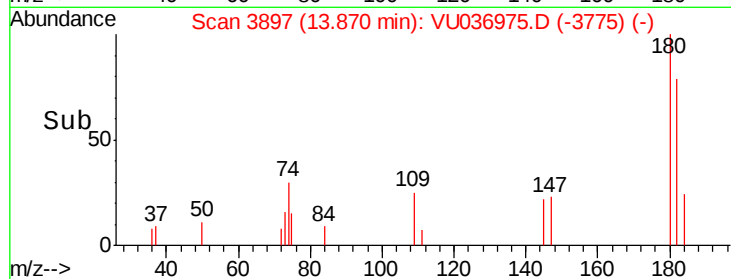
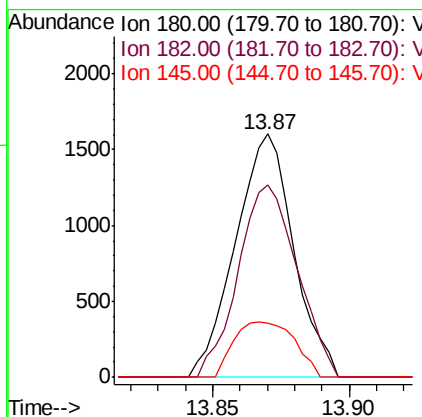
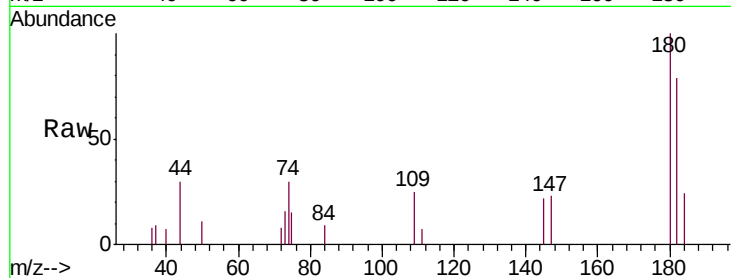




#68
 1,2,4-trichlorobenzene
 Concen: 1.636 ug/L
 RT: 13.87 min Scan# 3897
 Delta R.T. -0.01 min
 Lab File: VU036975.D
 Acq: 28 Feb 2020 16:15

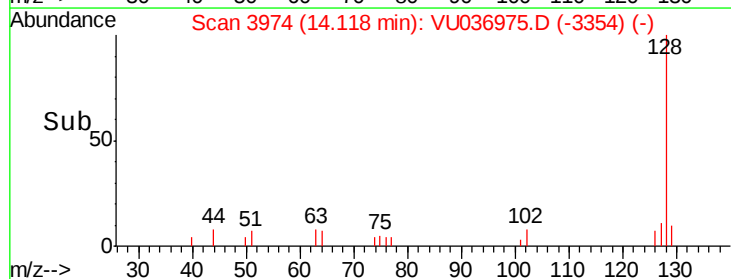
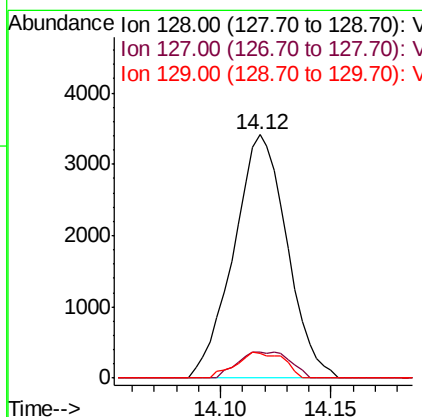
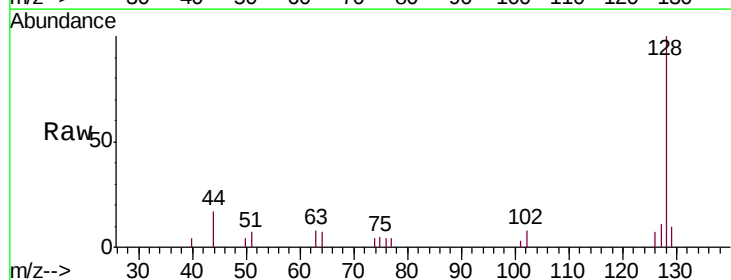
Instrument :
 MSVOA_U
 ClientSampleId :
 GAW05MEDL

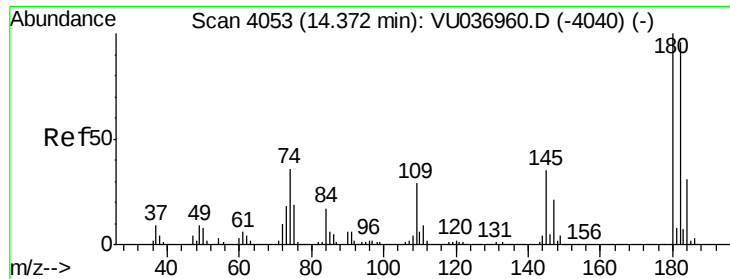
Tgt Ion:180 Resp: 2370
 Ion Ratio Lower Upper
 180 100
 182 80.2 75.3 112.9
 145 23.9 26.2 39.4#



#69
 Naphthalene
 Concen: 2.244 ug/L
 RT: 14.12 min Scan# 3974
 Delta R.T. -0.01 min
 Lab File: VU036975.D
 Acq: 28 Feb 2020 16:15

Tgt Ion:128 Resp: 5738
 Ion Ratio Lower Upper
 128 100
 127 6.2 11.0 16.4#
 129 7.4 8.6 12.8#





#70

1,2,3-Trichlorobenzene

Concen: 1.716 ug/L

RT: 14.36 min Scan# 4049

Delta R.T. -0.01 min

Lab File: VU036975.D

Acq: 28 Feb 2020 16:15

Instrument :

MSVOA_U

ClientSampleId :

GAW05MEDL

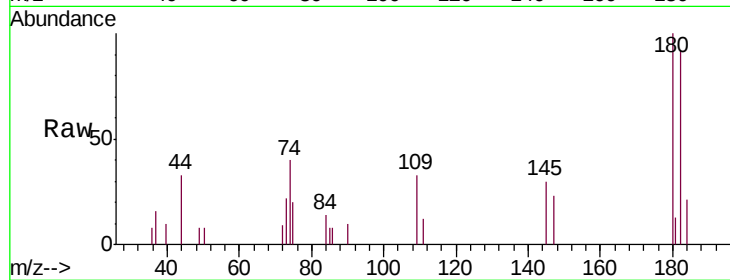
Tgt Ion:180 Resp: 2484

Ion Ratio Lower Upper

180 100

182 91.1 77.0 115.6

145 28.7 28.1 42.1



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

