

Data File : VU036735.D
Acq On : 11 Feb 2020 21:15
Operator : JC/MD
Sample : K1490-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B72

Quant Time: Feb 12 08:17:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 12 08:13:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	116182	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	109330	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	46411	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	49741	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.93	69	44809	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.59	63	65211	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.70	46	115262	55.01	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.02%
24) Chloroform-d	5.11	84	74891	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.74	65	44368	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.77	84	168728	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.73	67	53273	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.93	98	151718	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	8.21	79	19682	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.67	63	95608	51.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.12%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	39782	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	46641	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

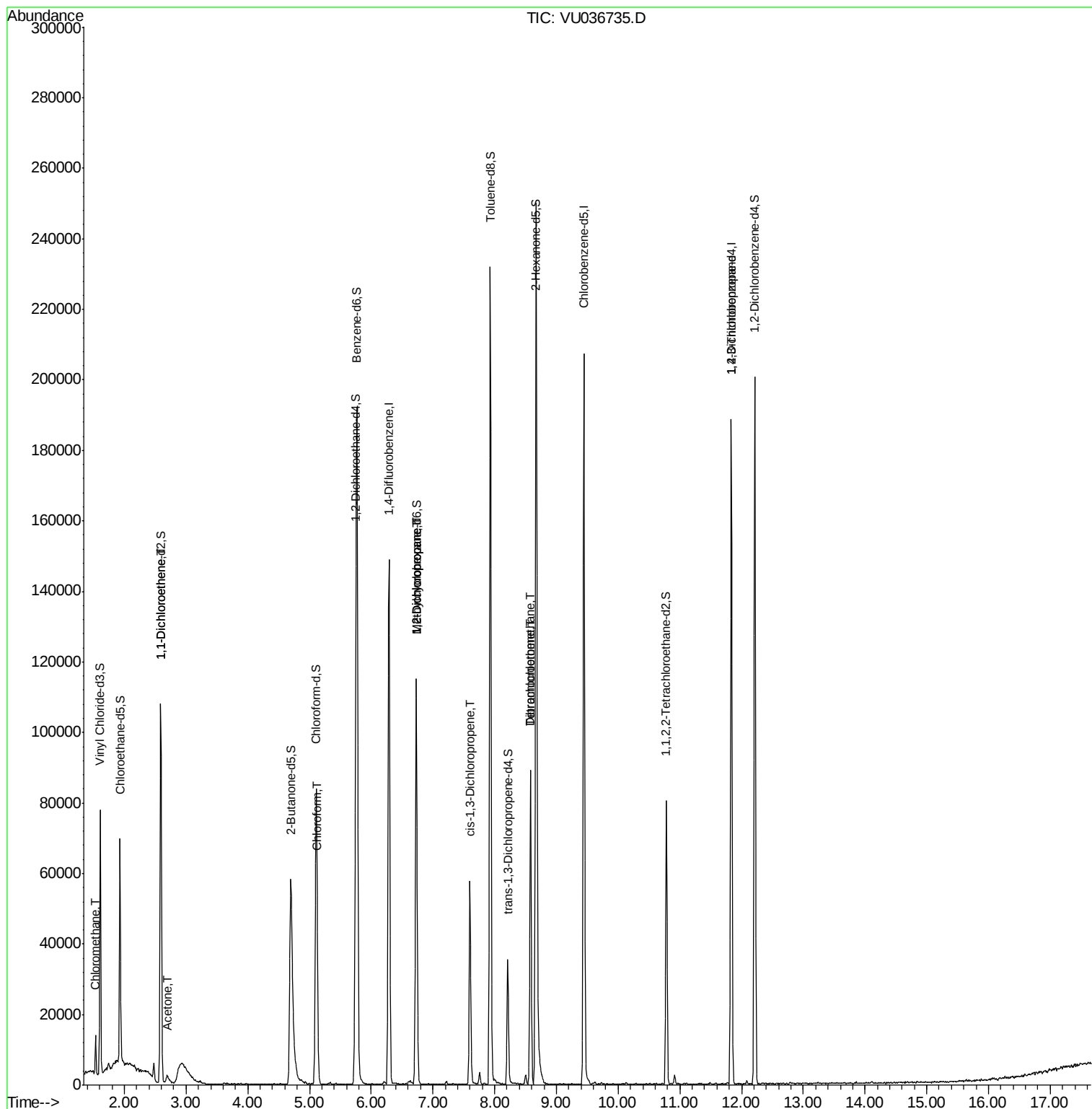
					Qvalue
3) Chloromethane	1.53	50	7234	0.906 ug/L	95
12) 1,1-Dichloroethene	2.59	96	452	0.064 ug/L #	1
13) Acetone	2.69	43	4663	1.740 ug/L	95
25) Chloroform	5.13	83	4524	0.277 ug/L	99
35) Methylcyclohexane	6.73	83	11833	0.868 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	6141	0.667 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1497	0.112 ug/L	85
47) Tetrachloroethene	8.58	164	17654	3.022 ug/L	95
49) Dibromochloromethane	8.58	129	18658	2.816 ug/L #	9
59) 1,2,3-Trichloropropane	11.83	75	6735	1.108 ug/L #	88

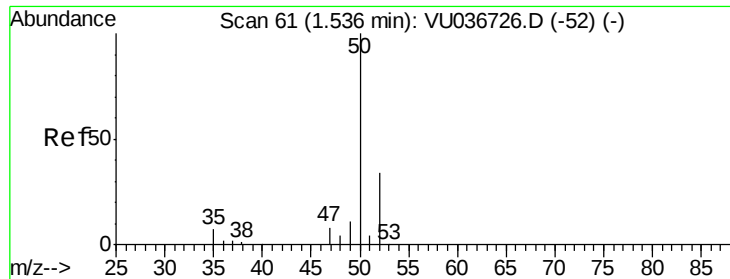
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.906 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU036735.D

Acq: 11 Feb 2020 21:15

Instrument :

MSVOA_U

ClientSampleId :

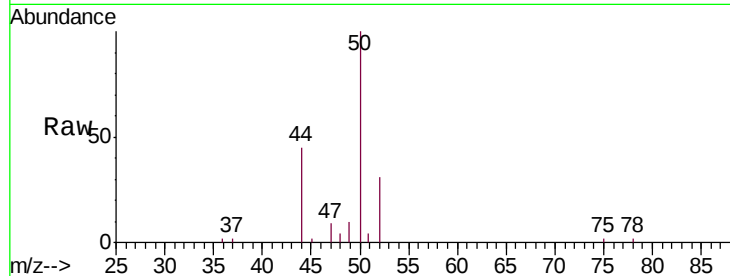
C0B72

Tgt Ion: 50 Resp: 7234

Ion Ratio Lower Upper

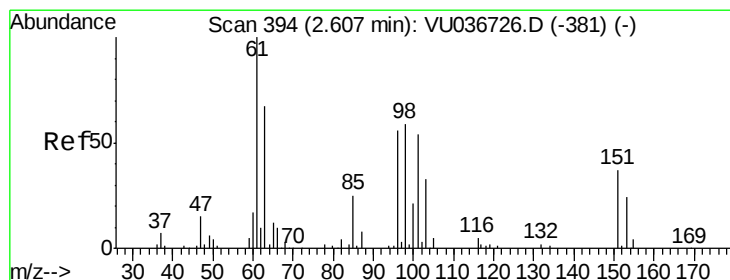
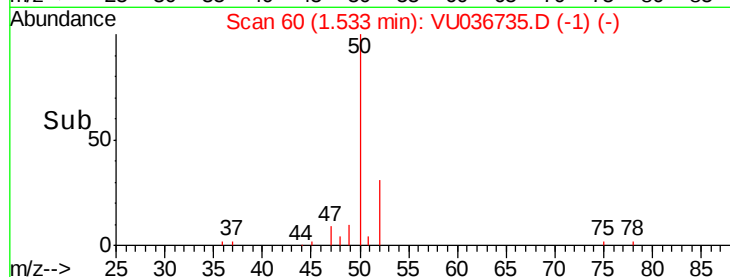
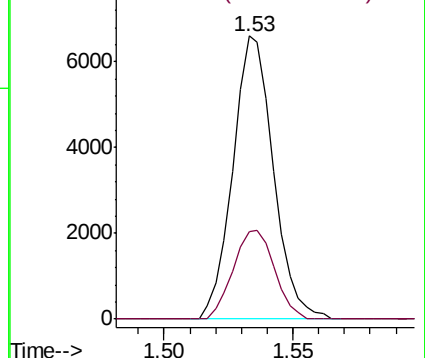
50 100

52 31.1 23.8 44.2



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#12

1,1-Dichloroethene

Concen: 0.064 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU036735.D

Acq: 11 Feb 2020 21:15

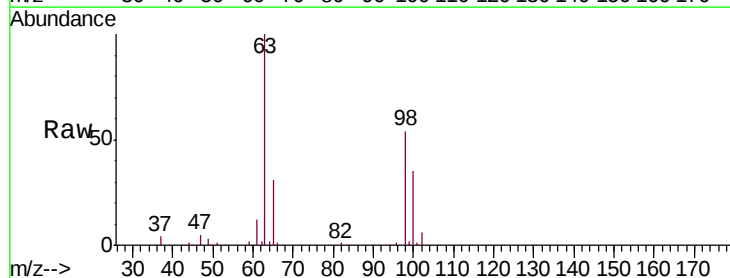
Tgt Ion: 96 Resp: 452

Ion Ratio Lower Upper

96 100

61 1579.8 126.4 234.8#

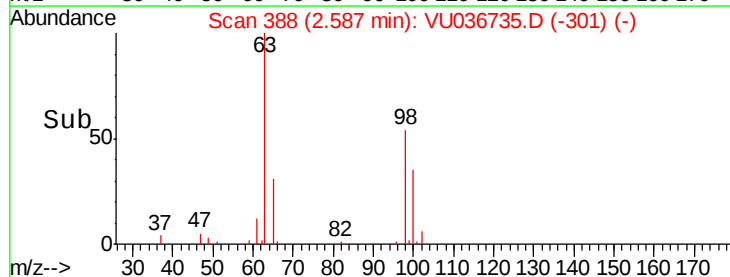
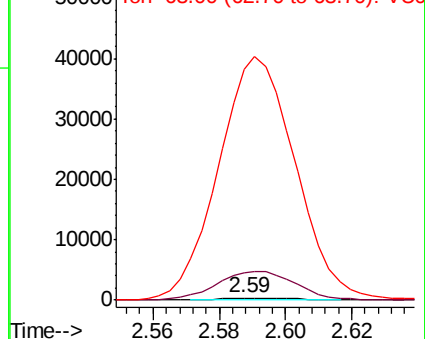
63 13098.6 89.5 166.3#

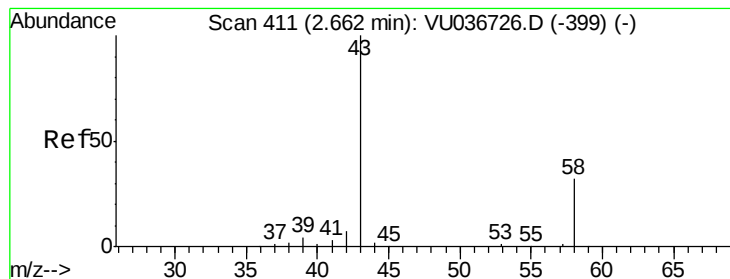


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.740 ug/L

RT: 2.69 min Scan# 420

Delta R.T. 0.03 min

Lab File: VU036735.D

Acq: 11 Feb 2020 21:15

Instrument :

MSVOA_U

ClientSampled :

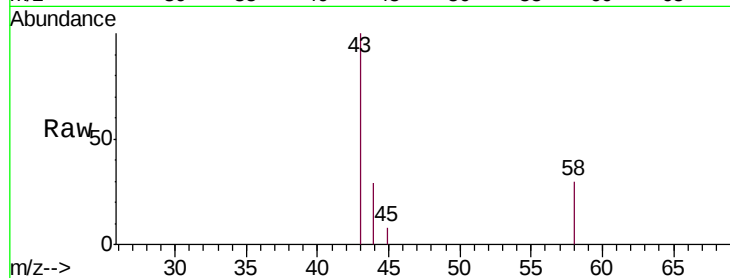
C0B72

Tgt Ion: 43 Resp: 4663

Ion Ratio Lower Upper

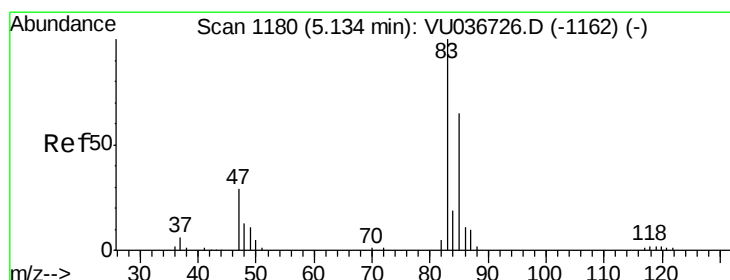
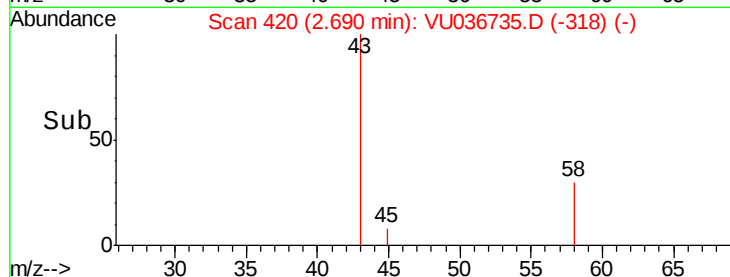
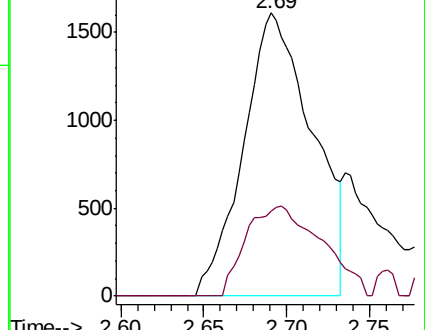
43 100

58 34.9 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036726.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU036726.D (-399) (-)



#25

Chloroform

Concen: 0.277 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU036735.D

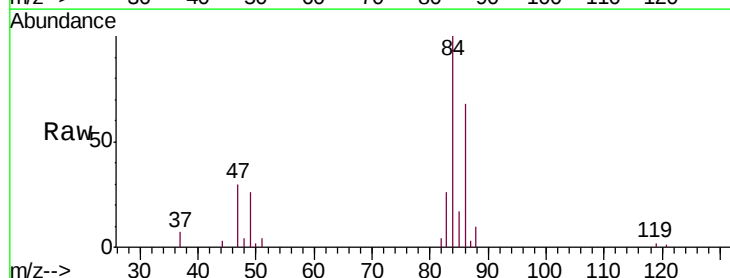
Acq: 11 Feb 2020 21:15

Tgt Ion: 83 Resp: 4524

Ion Ratio Lower Upper

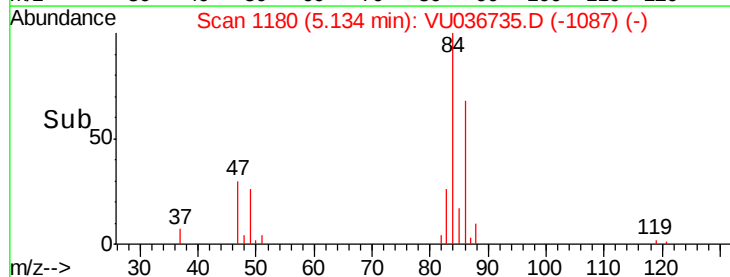
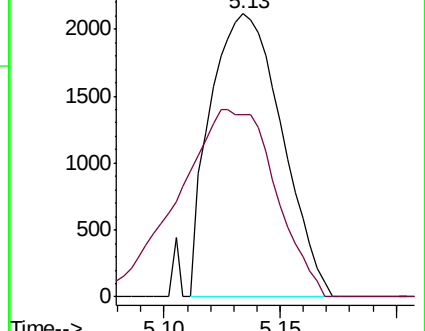
83 100

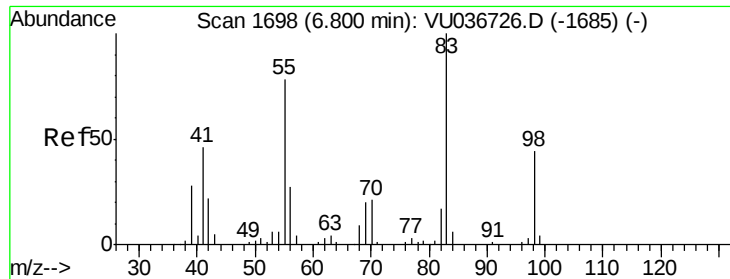
85 64.3 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU036726.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU036726.D (-1162) (-)

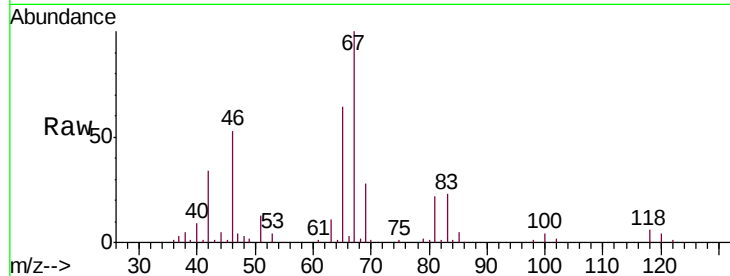




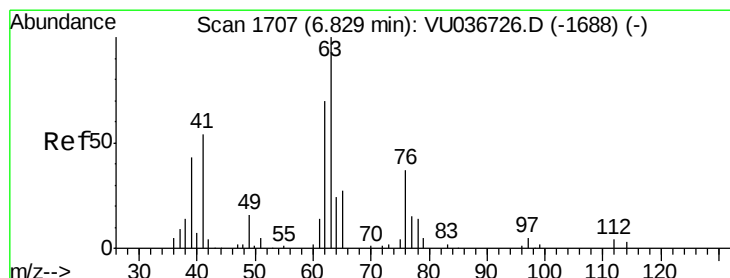
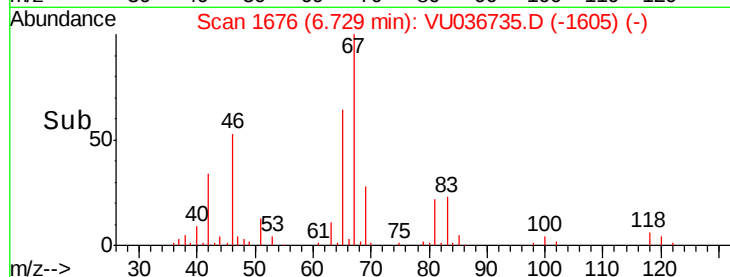
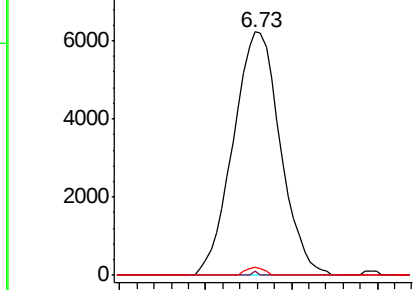
#35
Methylcyclohexane
Concen: 0.868 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036735.D
Acq: 11 Feb 2020 21:15

Instrument :
MSVOA_U
ClientSampled :
C0B72

Tgt Ion: 83 Resp: 11833
Ion Ratio Lower Upper
83 100
55 0.2 61.0 91.4#
98 1.3 34.2 51.4#

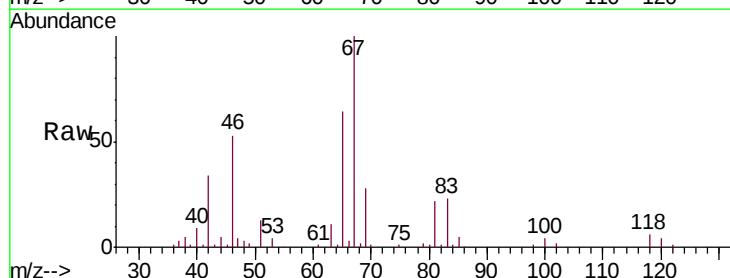


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

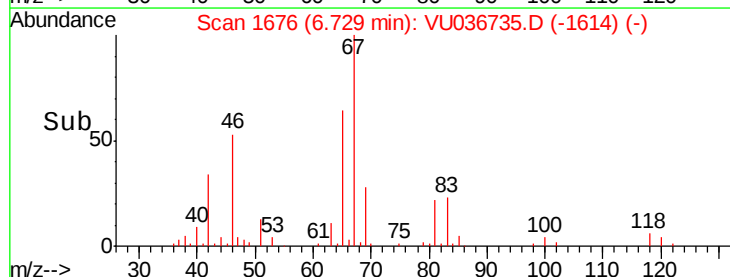
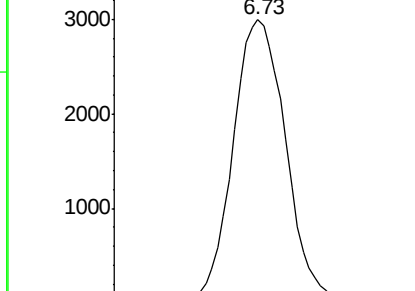


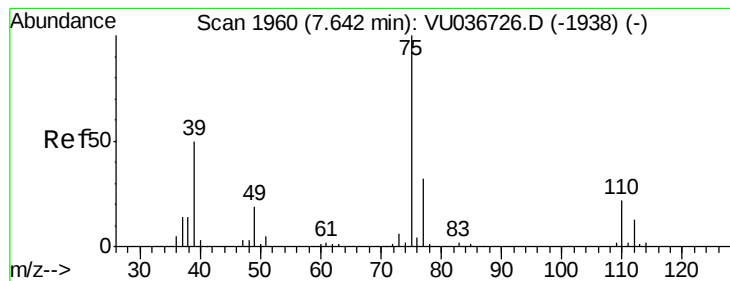
#37
1,2-Dichloropropane
Concen: 0.667 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036735.D
Acq: 11 Feb 2020 21:15

Tgt Ion: 63 Resp: 6141
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



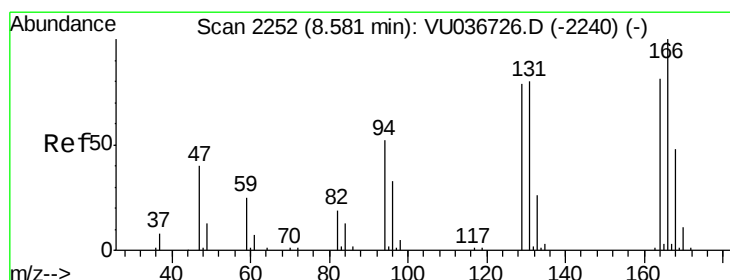
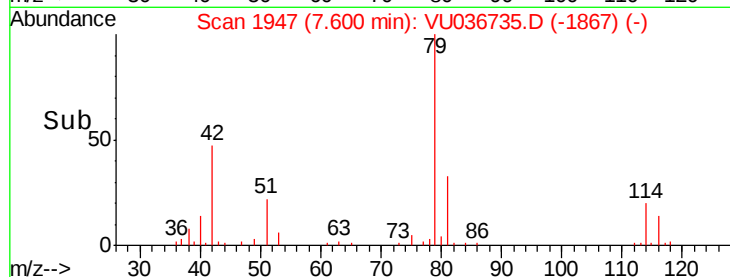
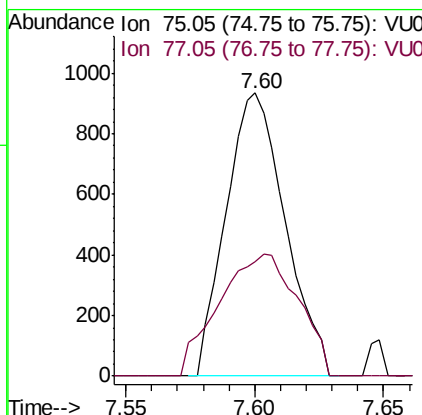
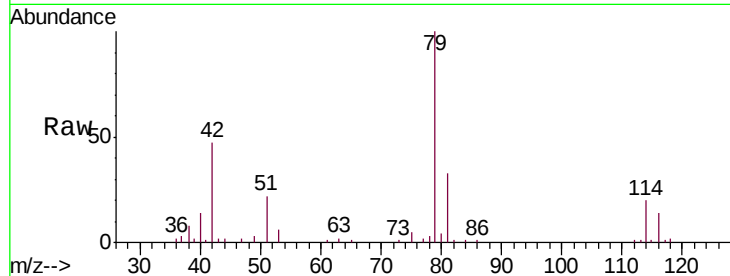


#39

cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036735.D
 Acq: 11 Feb 2020 21:15

Instrument :
 MSVOA_U
 ClientSampled :
 C0B72

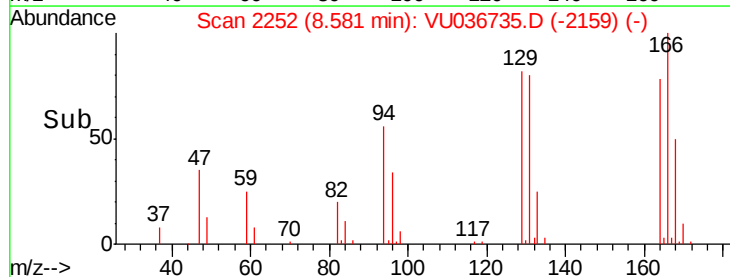
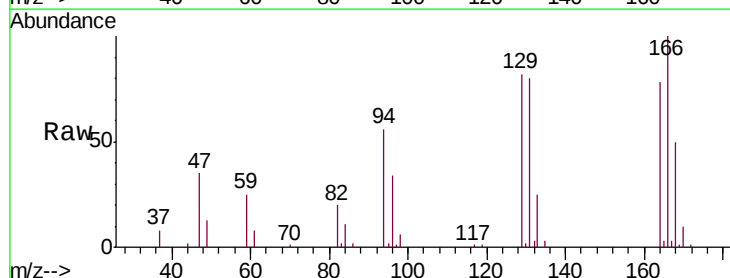
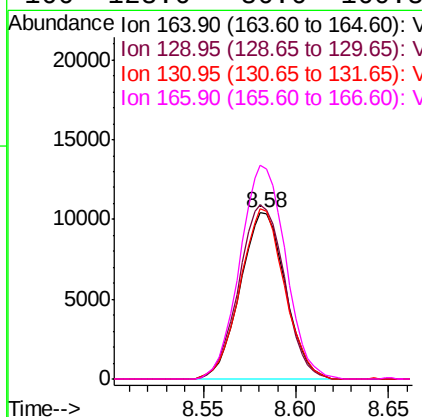
Tgt Ion: 75 Resp: 1497
 Ion Ratio Lower Upper
 75 100
 77 40.6 22.5 41.9

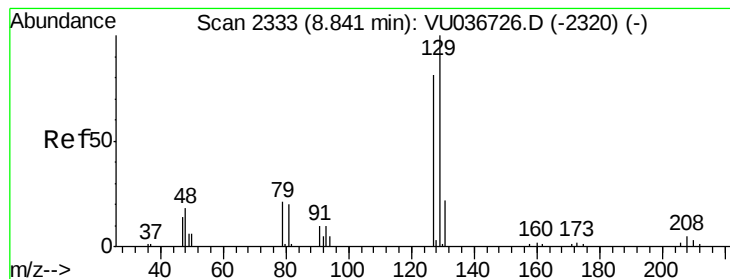


#47

Tetrachloroethene
 Concen: 3.022 ug/L
 RT: 8.58 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VU036735.D
 Acq: 11 Feb 2020 21:15

Tgt Ion: 164 Resp: 17654
 Ion Ratio Lower Upper
 164 100
 129 105.2 68.0 126.4
 131 102.9 69.4 128.8
 166 128.6 86.6 160.8





#49

Dibromochloromethane

Concen: 2.816 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. -0.26 min

Lab File: VU036735.D

Acq: 11 Feb 2020 21:15

Instrument :

MSVOA_U

ClientSampleId :

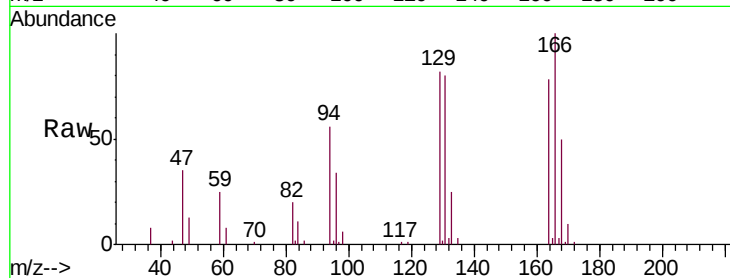
C0B72

Tgt Ion: 129 Resp: 18658

Ion Ratio Lower Upper

129 100

127 0.0 56.7 105.3#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.58

12000

10000

8000

6000

4000

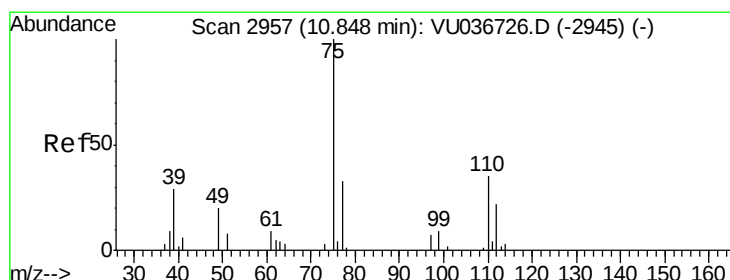
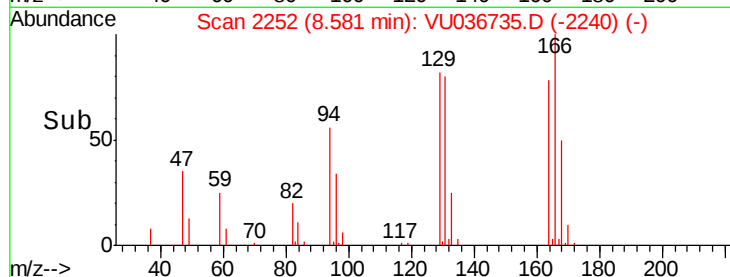
2000

0

8.55

8.60

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.108 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036735.D

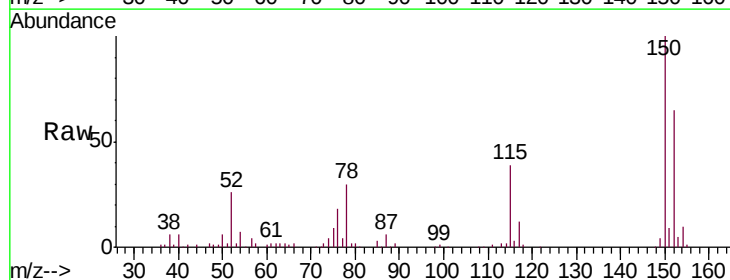
Acq: 11 Feb 2020 21:15

Tgt Ion: 75 Resp: 6735

Ion Ratio Lower Upper

75 100

77 38.5 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.83

5000

4000

3000

2000

1000

0

11.80

11.85

Time-->

