

Data File : VU036737.D
Acq On : 11 Feb 2020 22:04
Operator : JC/MD
Sample : K1490-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B75

Quant Time: Feb 12 08:17:41 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	118790	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	110771	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	46098	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	53211	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.93	69	46156	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.59	63	67120	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.69	46	118373	55.25	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.50%
24) Chloroform-d	5.11	84	78780	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.75	65	46301	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.77	84	173205	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.73	67	54795	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.93	98	158147	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	8.21	79	19524	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.67	63	98729	52.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.08%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41524	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	49958	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

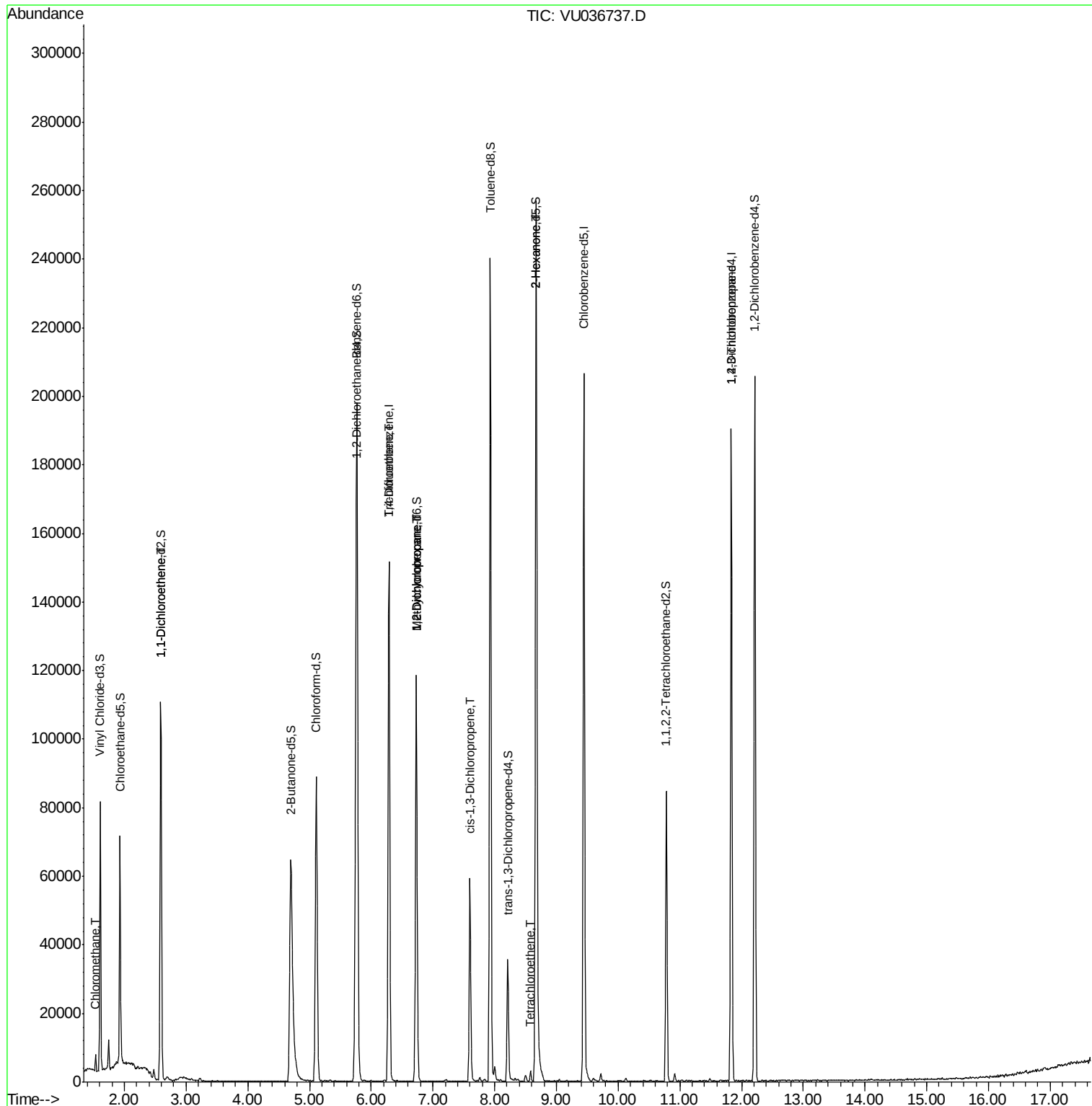
					Qvalue
3) Chloromethane	1.54	50	3284	0.402 ug/L	99
12) 1,1-Dichloroethene	2.60	96	520	0.072 ug/L #	1
34) Trichloroethene	6.29	95	2001	0.230 ug/L #	8
35) Methylcyclohexane	6.73	83	12582	0.911 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5891	0.631 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1490	0.110 ug/L #	53
47) Tetrachloroethene	8.58	164	574	0.097 ug/L #	82
48) 2-Hexanone	8.67	43	11298	2.193 ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	6812	1.106 ug/L #	87

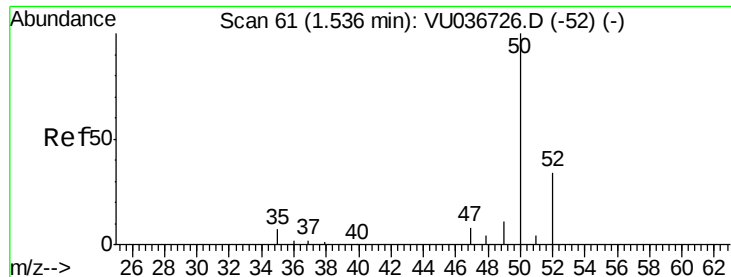
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.402 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU036737.D

Acq: 11 Feb 2020 22:04

Instrument :

MSVOA_U

ClientSampleId :

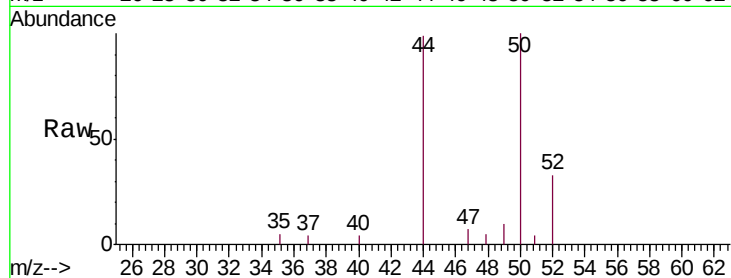
C0B75

Tgt Ion: 50 Resp: 3284

Ion Ratio Lower Upper

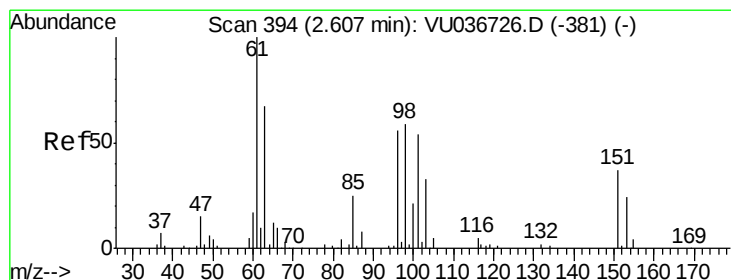
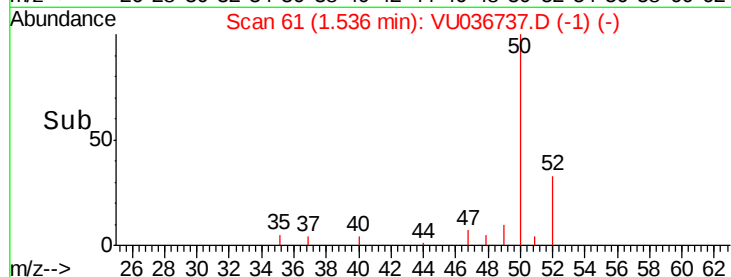
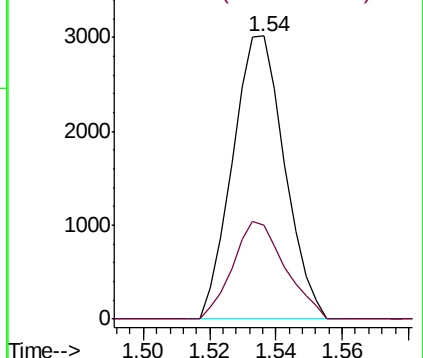
50 100

52 33.2 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: 0.072 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036737.D

Acq: 11 Feb 2020 22:04

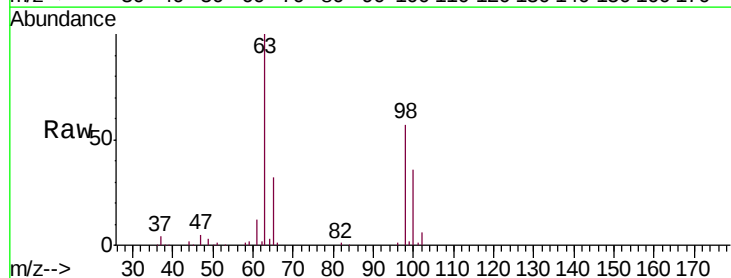
Tgt Ion: 96 Resp: 520

Ion Ratio Lower Upper

96 100

61 1406.4 126.4 234.8#

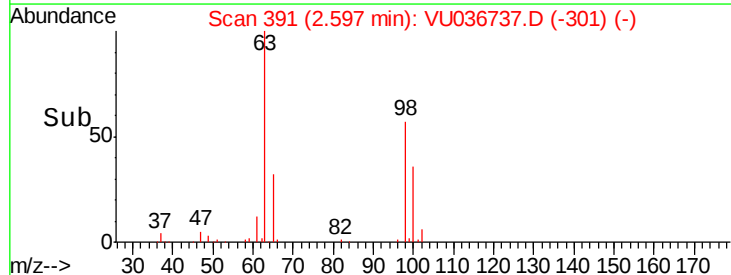
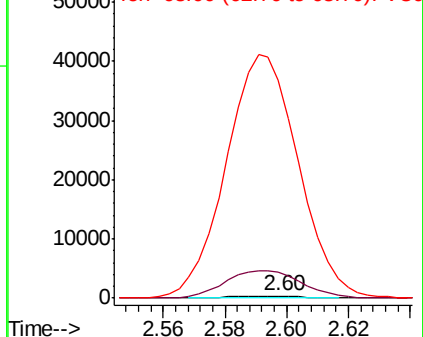
63 11757.2 89.5 166.3#

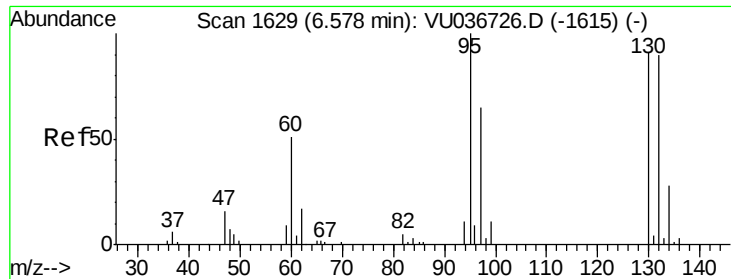


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

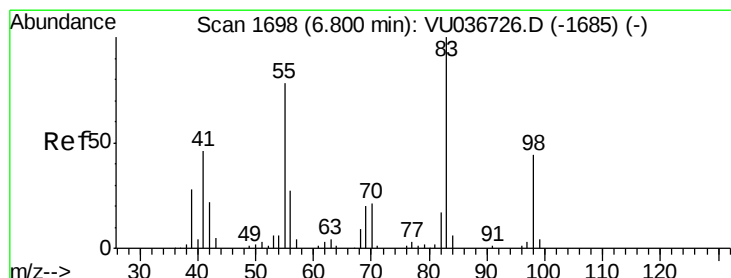
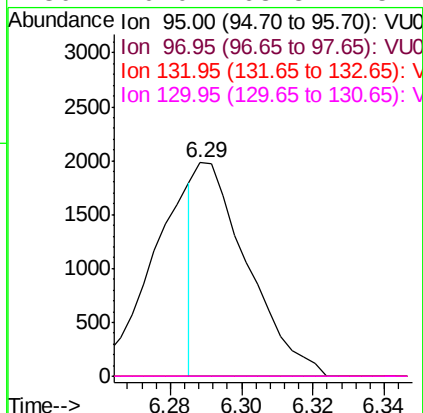
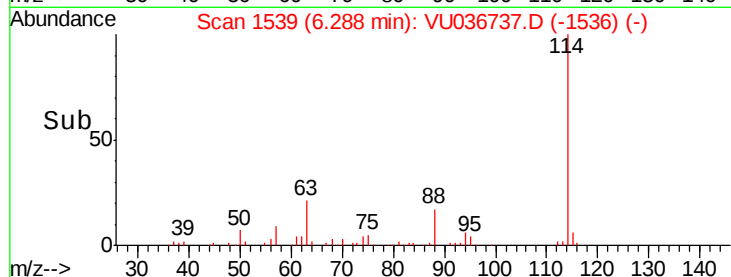
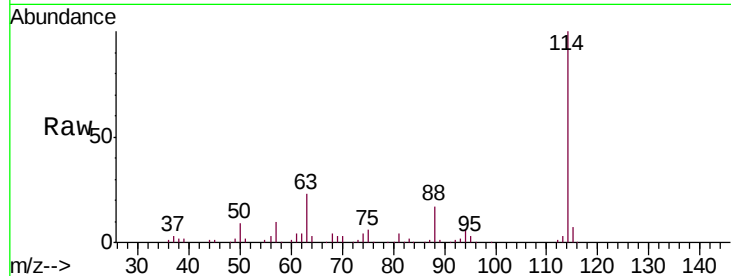




#34
 Trichloroethene
 Concen: 0.230 ug/L
 RT: 6.29 min Scan# 1539
 Delta R.T. -0.29 min
 Lab File: VU036737.D
 Acq: 11 Feb 2020 22:04

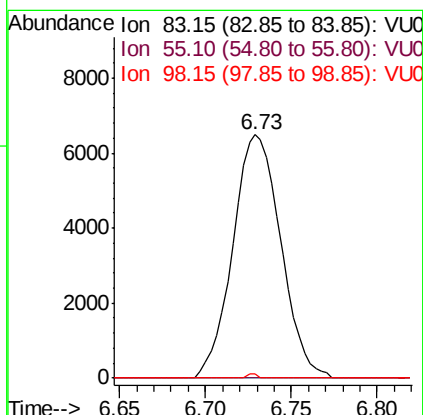
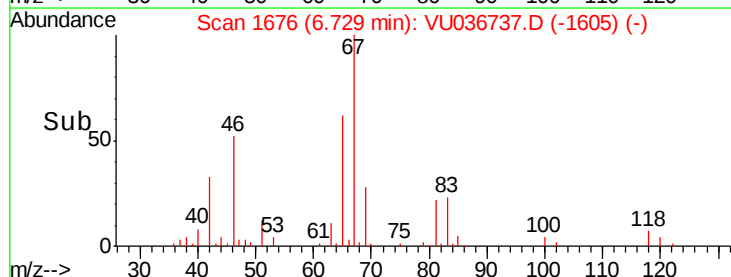
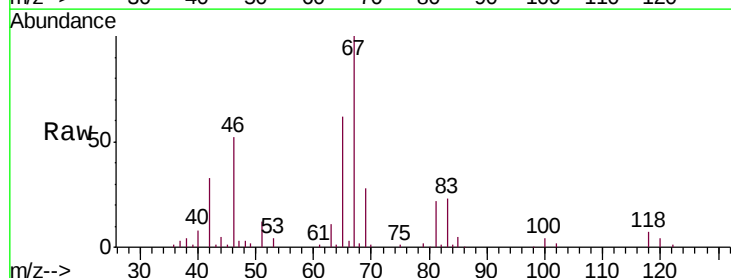
Instrument :
 MSVOA_U
 ClientSampleId :
 C0B75

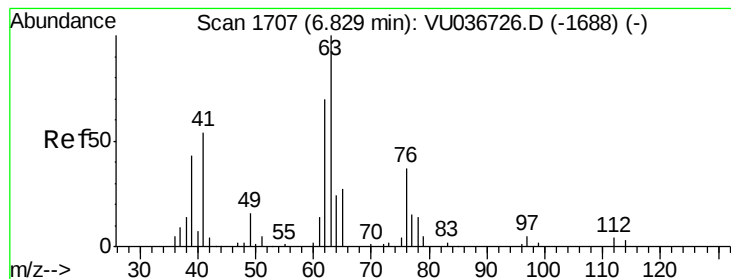
Tgt Ion: 95 Resp: 2001
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.6 84.8#
 132 0.0 62.8 116.6#
 130 0.0 63.8 118.4#



#35
 Methylcyclohexane
 Concen: 0.911 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.07 min
 Lab File: VU036737.D
 Acq: 11 Feb 2020 22:04

Tgt Ion: 83 Resp: 12582
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.0 91.4#
 98 0.3 34.2 51.4#





#37

1,2-Dichloropropane

Concen: 0.631 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU036737.D

Acq: 11 Feb 2020 22:04

Instrument :

MSVOA_U

ClientSampleId :

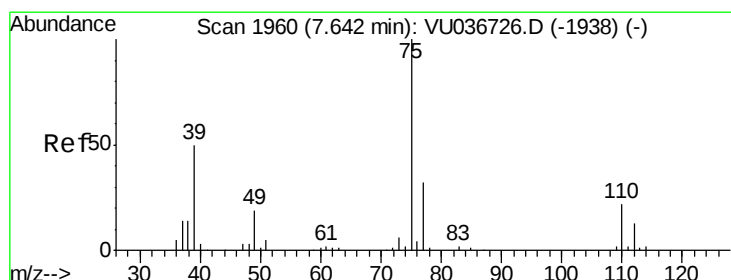
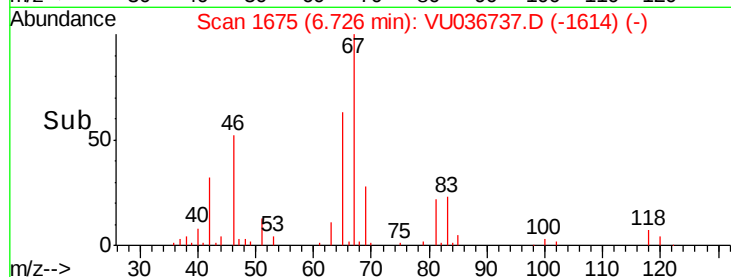
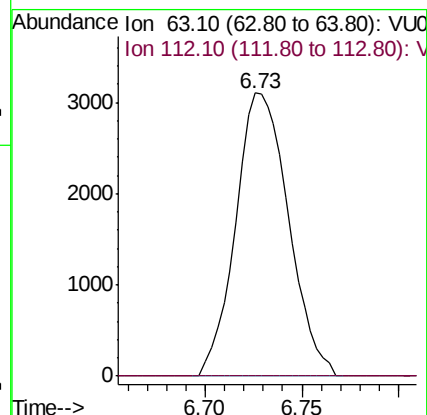
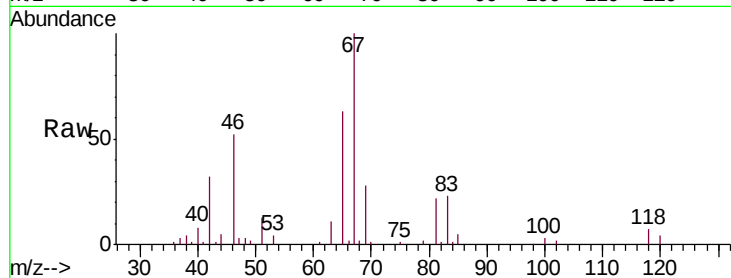
C0B75

Tgt Ion: 63 Resp: 5891

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU036737.D

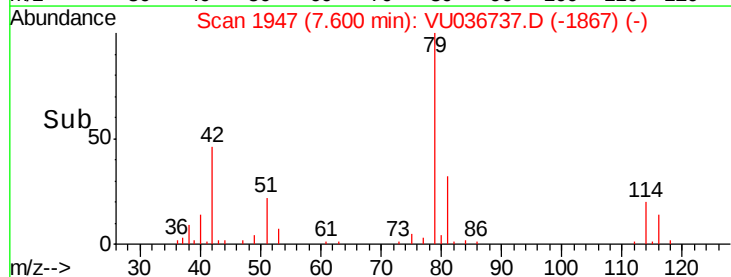
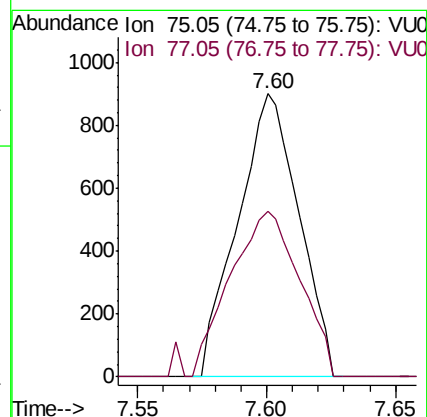
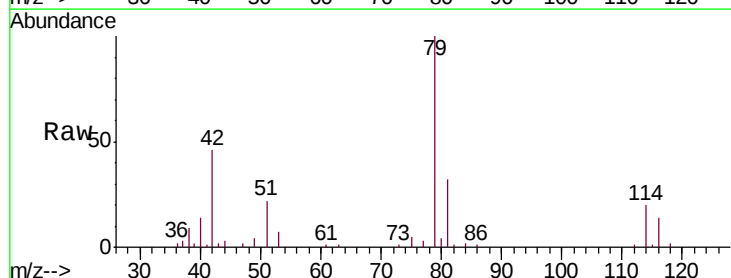
Acq: 11 Feb 2020 22:04

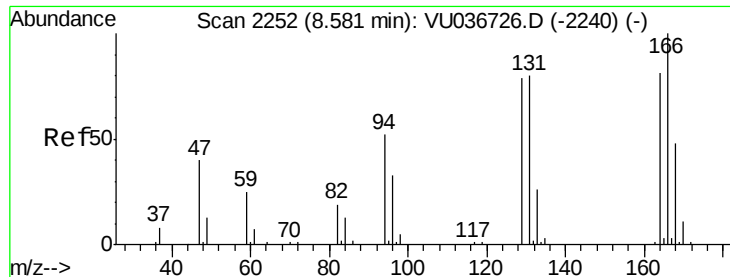
Tgt Ion: 75 Resp: 1490

Ion Ratio Lower Upper

75 100

77 58.6 22.5 41.9#

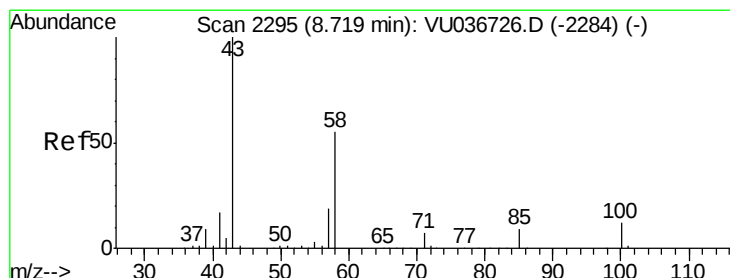
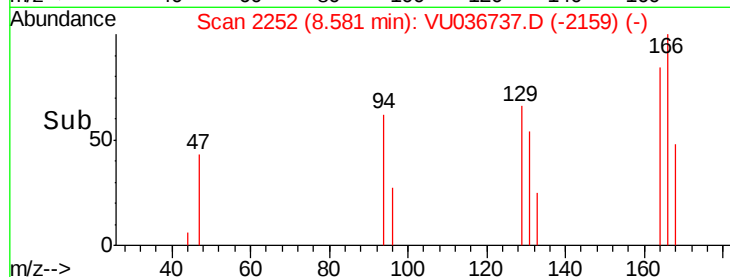
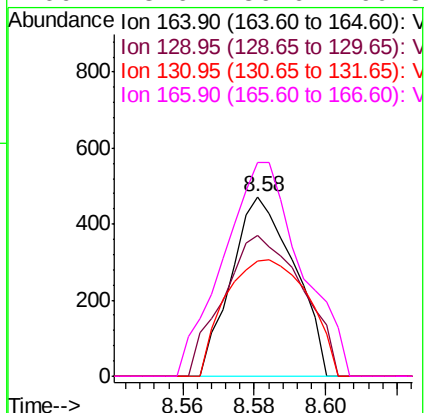
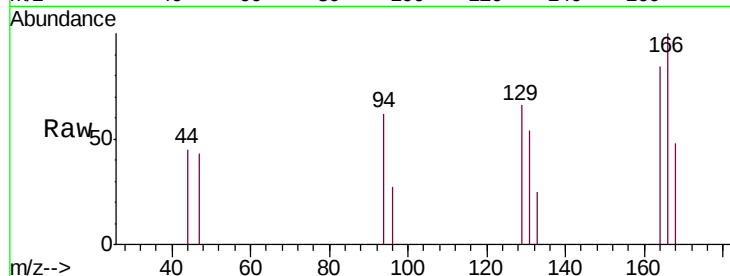




#47
Tetrachloroethene
Concen: 0.097 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VU036737.D
Acq: 11 Feb 2020 22:04

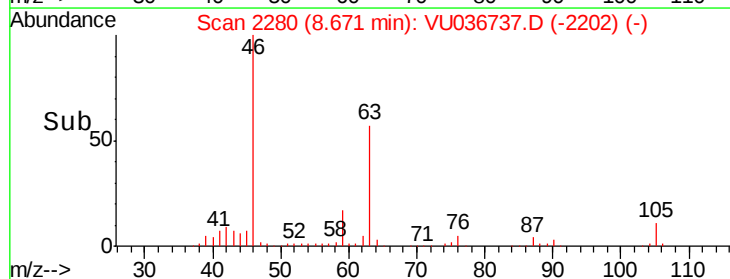
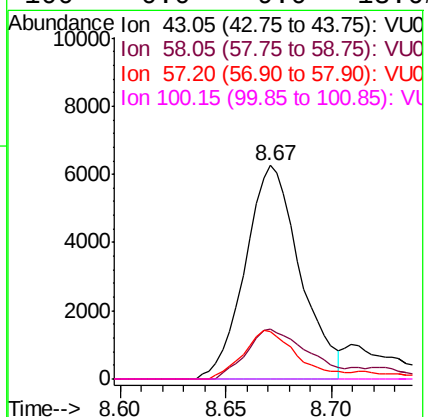
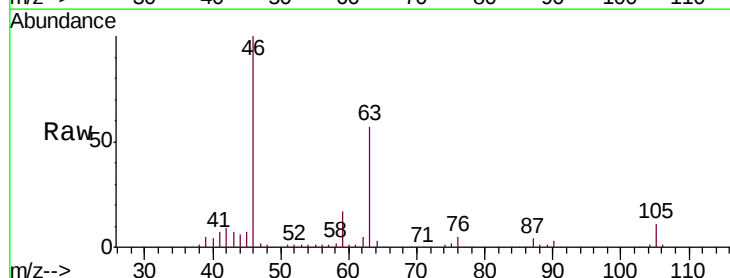
Instrument :
MSVOA_U
ClientSampleId :
C0B75

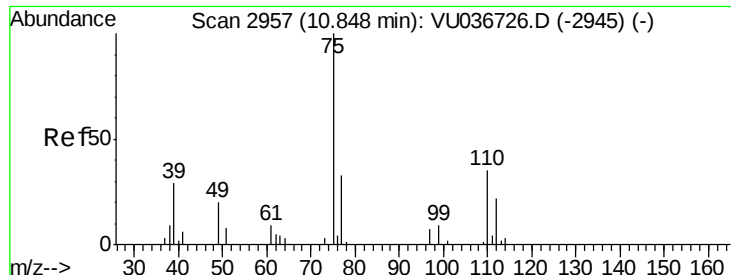
Tgt Ion: 164 Resp: 574
Ion Ratio Lower Upper
164 100
129 78.2 68.0 126.4
131 64.3 69.4 128.8#
166 118.6 86.6 160.8



#48
2-Hexanone
Concen: 2.193 ug/L
RT: 8.67 min Scan# 2280
Delta R.T. -0.05 min
Lab File: VU036737.D
Acq: 11 Feb 2020 22:04

Tgt Ion: 43 Resp: 11298
Ion Ratio Lower Upper
43 100
58 26.2 43.6 65.4#
57 22.6 15.0 22.4#
100 0.0 9.0 13.6#





#59

1,2,3-Trichloropropane

Concen: 1.106 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036737.D

Acq: 11 Feb 2020 22:04

Instrument :

MSVOA_U

ClientSampleId :

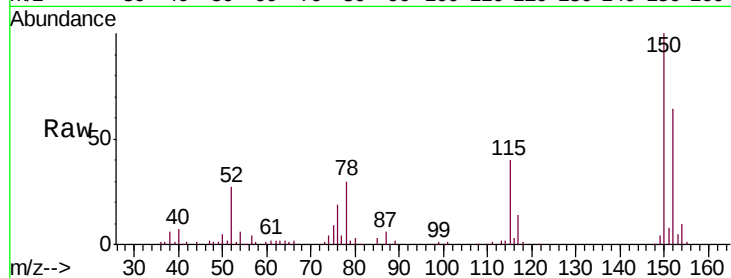
C0B75

Tgt Ion: 75 Resp: 6812

Ion Ratio Lower Upper

75 100

77 39.4 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

