

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037781.D
 Acq On : 17 Apr 2020 17:34
 Operator : JC/MD
 Sample : L2292-05DL 5X
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 18 03:56:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 01:19:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	265716	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	257572	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	127090	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	84555	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.93	69	76469	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.59	63	109088	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.66	46	302905	54.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.70%
24) Chloroform-d	5.10	84	153858	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.74	65	93678	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.76	84	323186	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.72	67	112467	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.92	98	287774	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	8.20	79	46077	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.65	63	265243	50.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.86%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	88516	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	108548	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

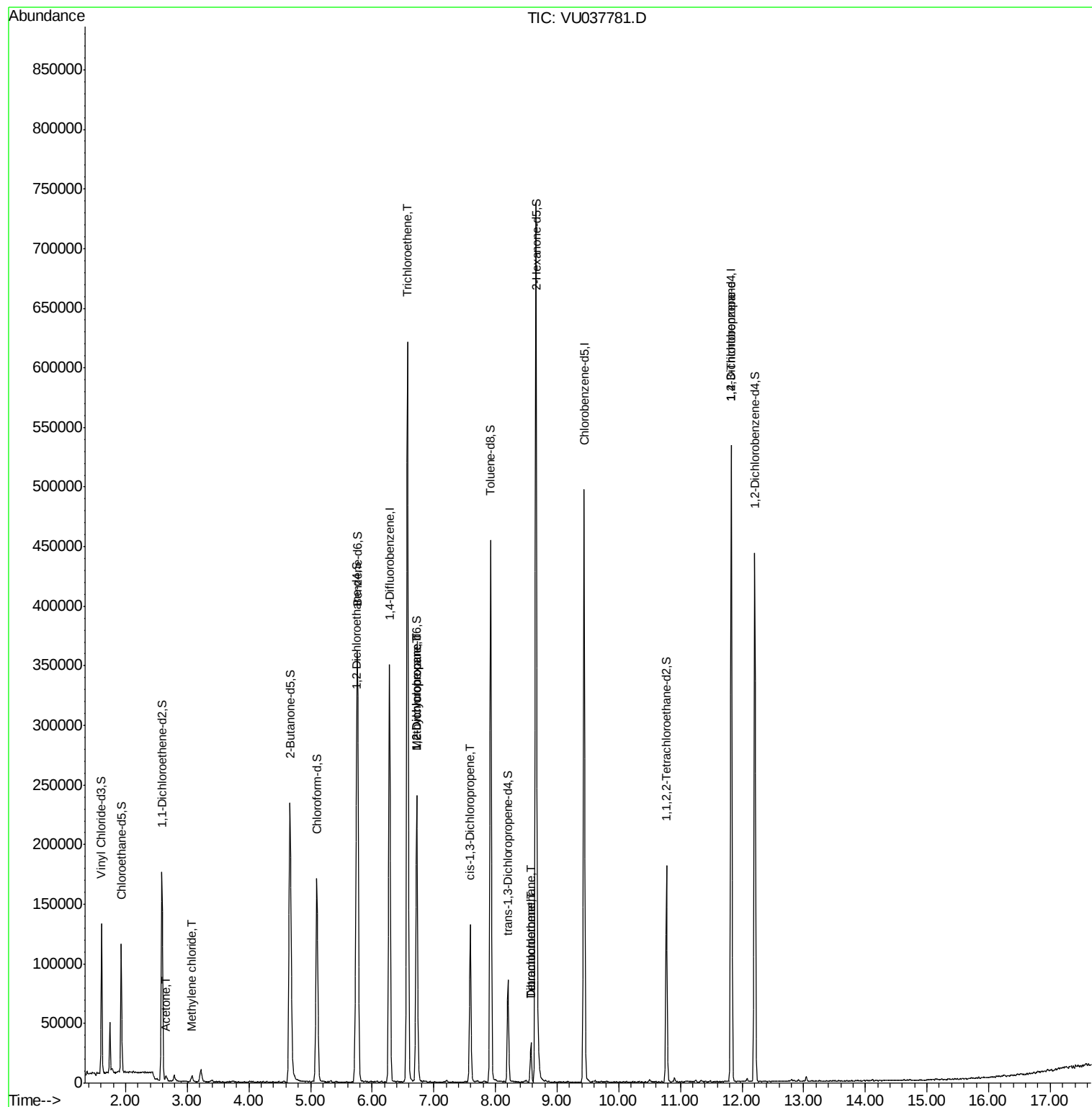
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	4571	1.255	ug/L	95
16) Methylene chloride	3.08	84	2151	0.104	ug/L	89
34) Trichloroethene	6.57	95	211545	10.115	ug/L	96
35) Methylcyclohexane	6.72	83	24467	0.668	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12013	0.532	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3073	0.087	ug/L #	54
47) Tetrachloroethene	8.57	164	6768	0.450	ug/L	97
49) Dibromochloromethane	8.57	129	6433	0.370	ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	17811	1.206	ug/L	91

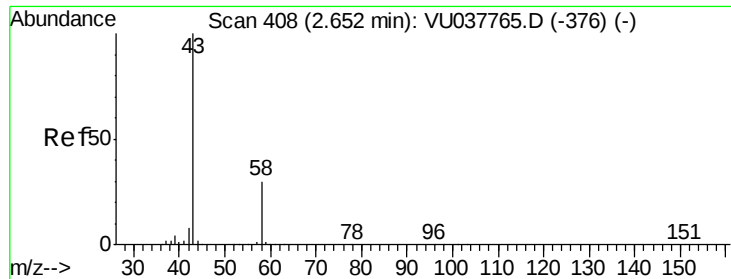
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 18 01:19:54 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.255 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037781.D

Acq: 17 Apr 2020 17:34

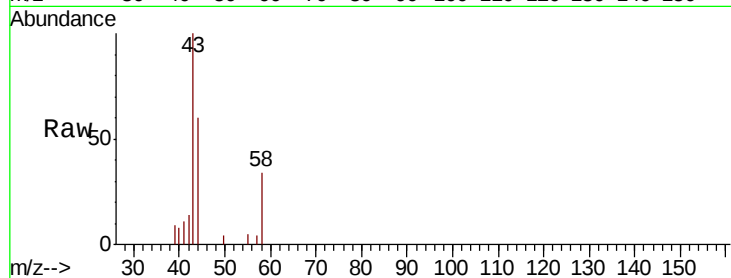
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 4571

Ion Ratio Lower Upper

43 100

58 29.4 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037781.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU037781.D (-315) (-)

2500

2000

1500

1000

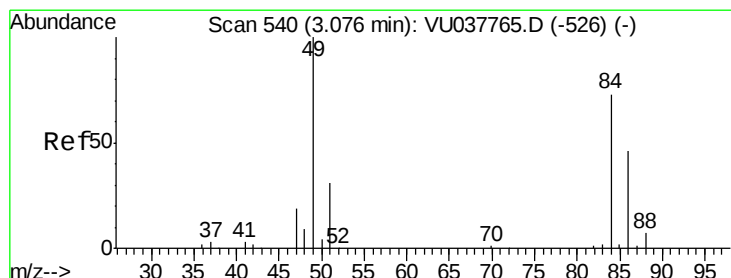
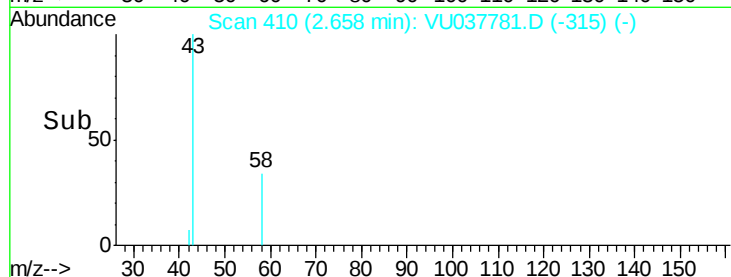
500

0

Time-->

2.60 2.65 2.70

2.66



#16

Methylene chloride

Concen: 0.104 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU037781.D

Acq: 17 Apr 2020 17:34

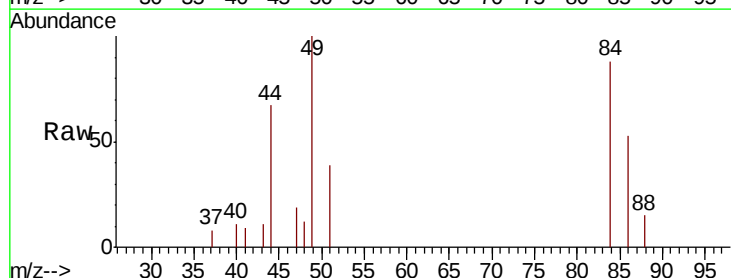
Tgt Ion: 84 Resp: 2151

Ion Ratio Lower Upper

84 100

86 60.8 44.2 82.0

49 113.7 92.4 171.6



Abundance Ion 84.05 (83.75 to 84.75): VU037781.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU037781.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU037781.D (-447) (-)

2000

1500

1000

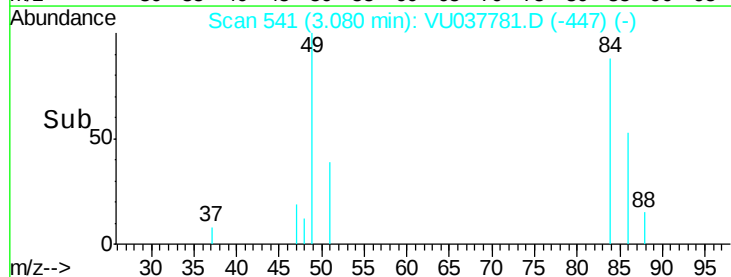
500

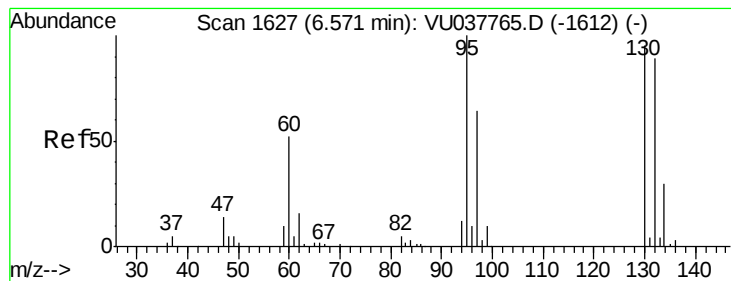
0

Time-->

3.05 3.10

3.08





#34

Trichloroethene

Concen: 10.115 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037781.D

Acq: 17 Apr 2020 17:34

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 95 Resp: 211545

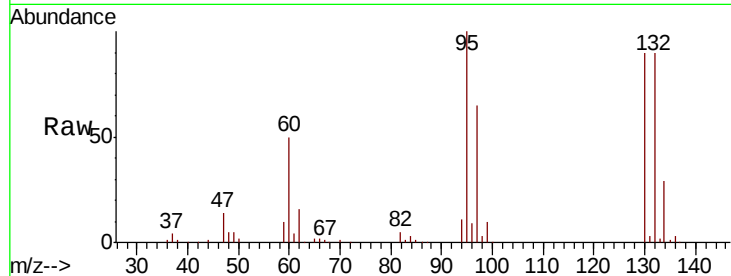
Ion Ratio Lower Upper

95 100

97 64.5 45.4 84.2

132 89.8 63.7 118.3

130 90.4 68.7 127.5

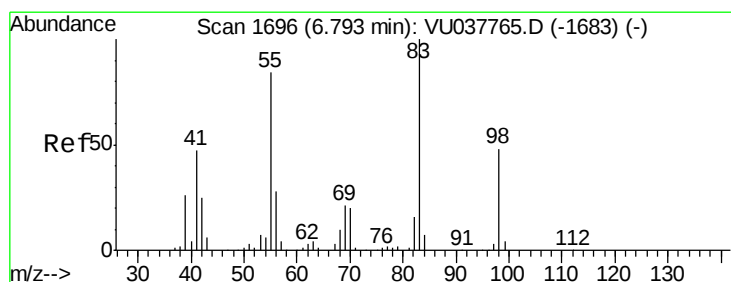
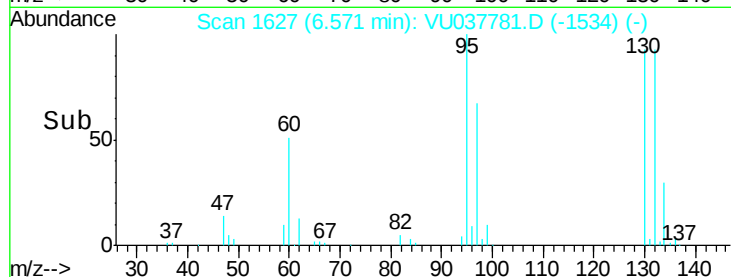
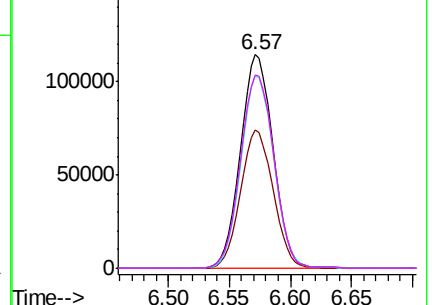


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.668 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037781.D

Acq: 17 Apr 2020 17:34

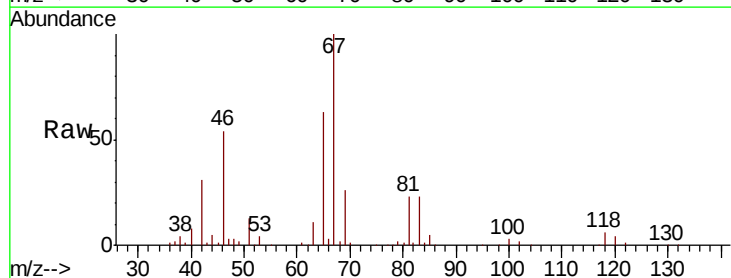
Tgt Ion: 83 Resp: 24467

Ion Ratio Lower Upper

83 100

55 0.5 65.5 98.3#

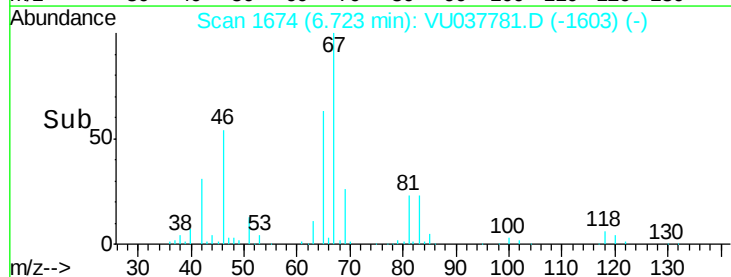
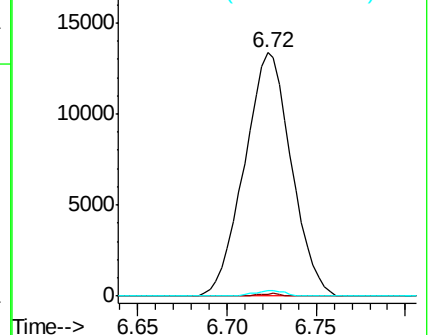
98 1.4 38.2 57.4#

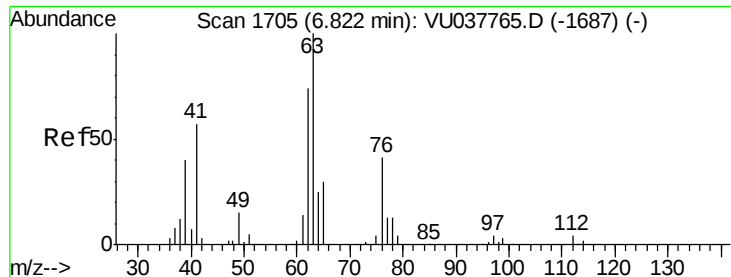


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

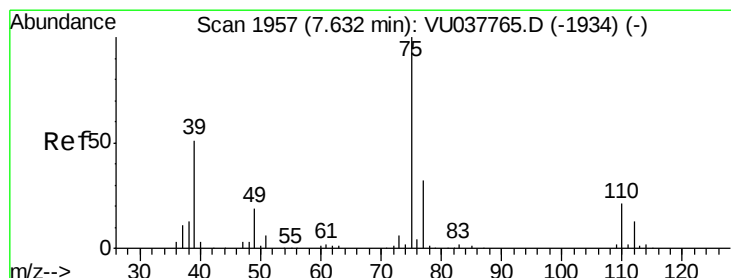
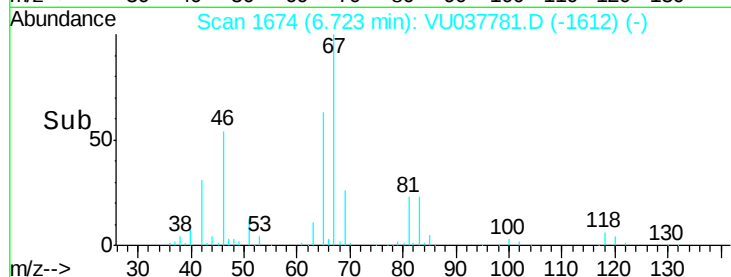
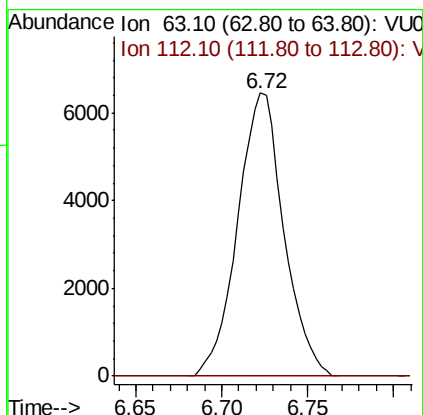
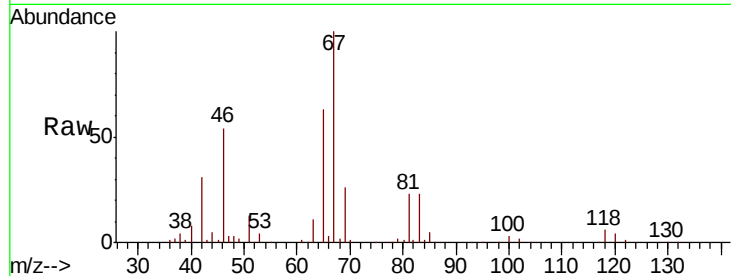




#37
 1,2-Dichloropropane
 Concen: 0.532 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037781.D
 Acq: 17 Apr 2020 17:34

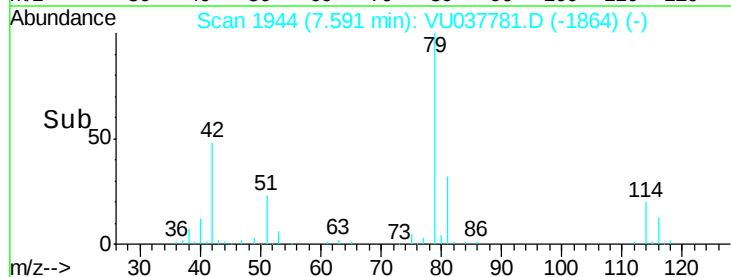
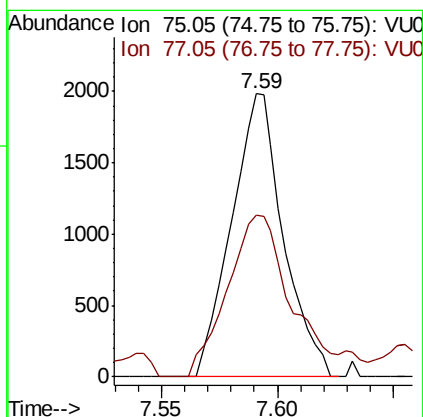
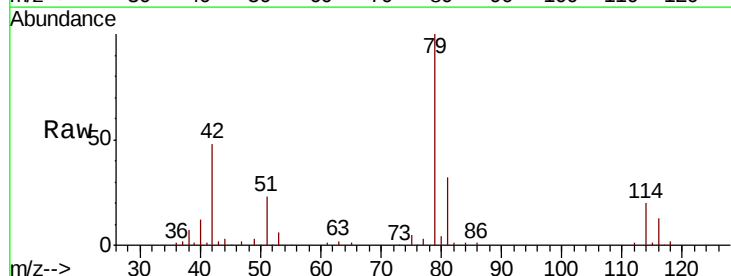
Instrument :
 MSVOA_U
 ClientSampleId :

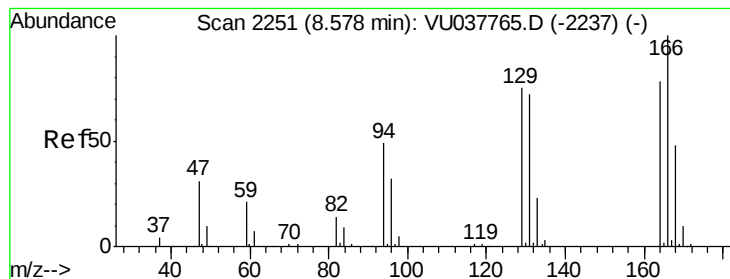
Tot Ion: 63 Resp: 12013
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037781.D
 Acq: 17 Apr 2020 17:34

Tgt Ion: 75 Resp: 3073
 Ion Ratio Lower Upper
 75 100
 77 57.4 22.2 41.2#





#47

Tetrachloroethene

Concen: 0.450 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037781.D

Acq: 17 Apr 2020 17:34

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 6768

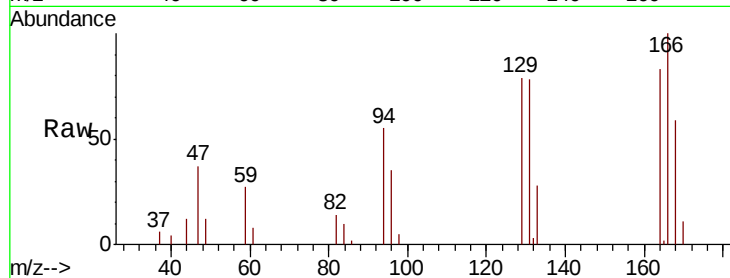
Ion Ratio Lower Upper

164 100

129 95.7 68.1 126.5

131 94.7 65.9 122.5

166 120.7 89.7 166.7

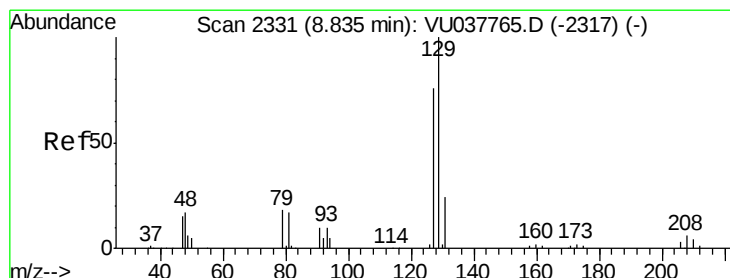
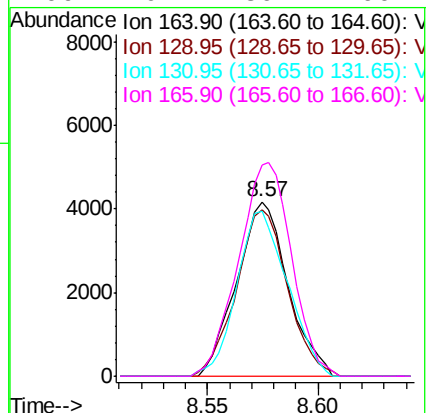
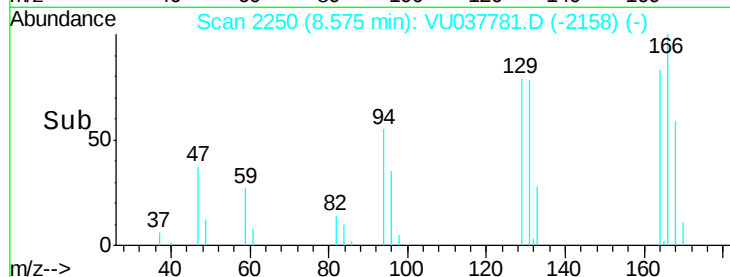


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 0.370 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037781.D

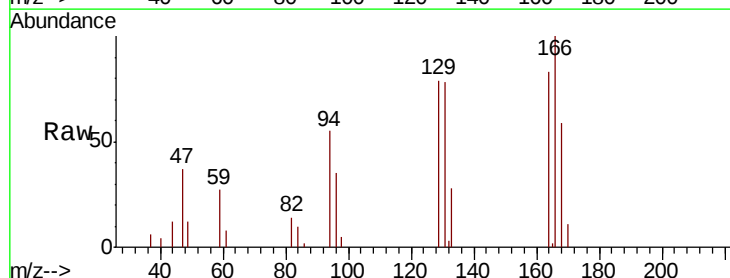
Acq: 17 Apr 2020 17:34

Tgt Ion:129 Resp: 6433

Ion Ratio Lower Upper

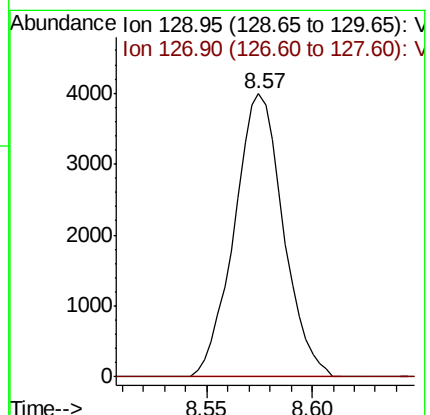
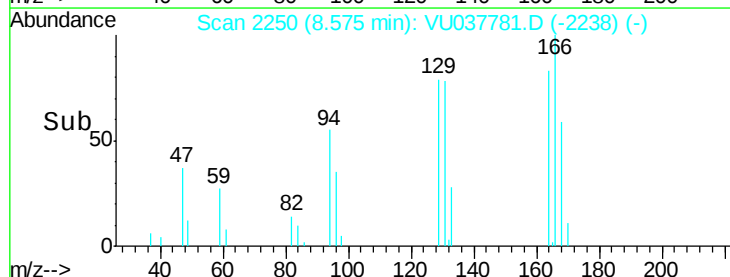
129 100

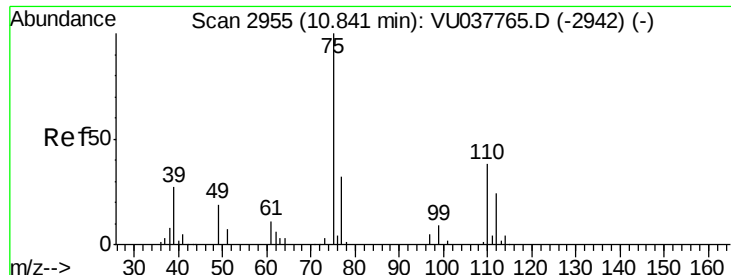
127 0.0 53.3 98.9#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 1.206 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037781.D

Acq: 17 Apr 2020 17:34

Instrument :

MSVOA_U

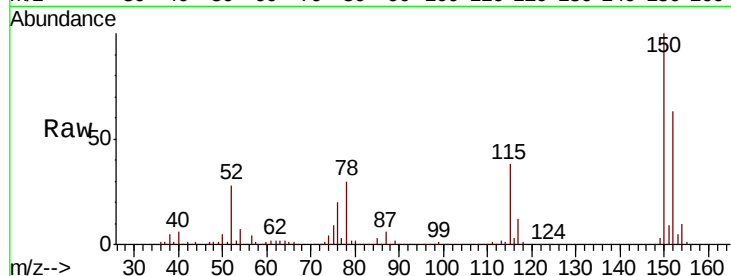
ClientSampleId :

Tot Ion: 75 Resp: 17811

Ion Ratio Lower Upper

75 100

77 37.0 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

