

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037782.D
 Acq On : 17 Apr 2020 17:59
 Operator : JC/MD
 Sample : L2292-09DL 5X
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8L3DL

Quant Time: Apr 18 04:45:15 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	260857	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	263449	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	139826	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81029	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.89	69	71517	4.29	ug/L	-0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.58	63	106498	3.04	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.66	46	289995	53.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.98%
24) Chloroform-d	5.10	84	139423	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.74	65	88069	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.76	84	305368	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.72	67	106375	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.92	98	279389	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	8.20	79	43975	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.66	63	288821	54.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.44%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	96870	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	117335	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

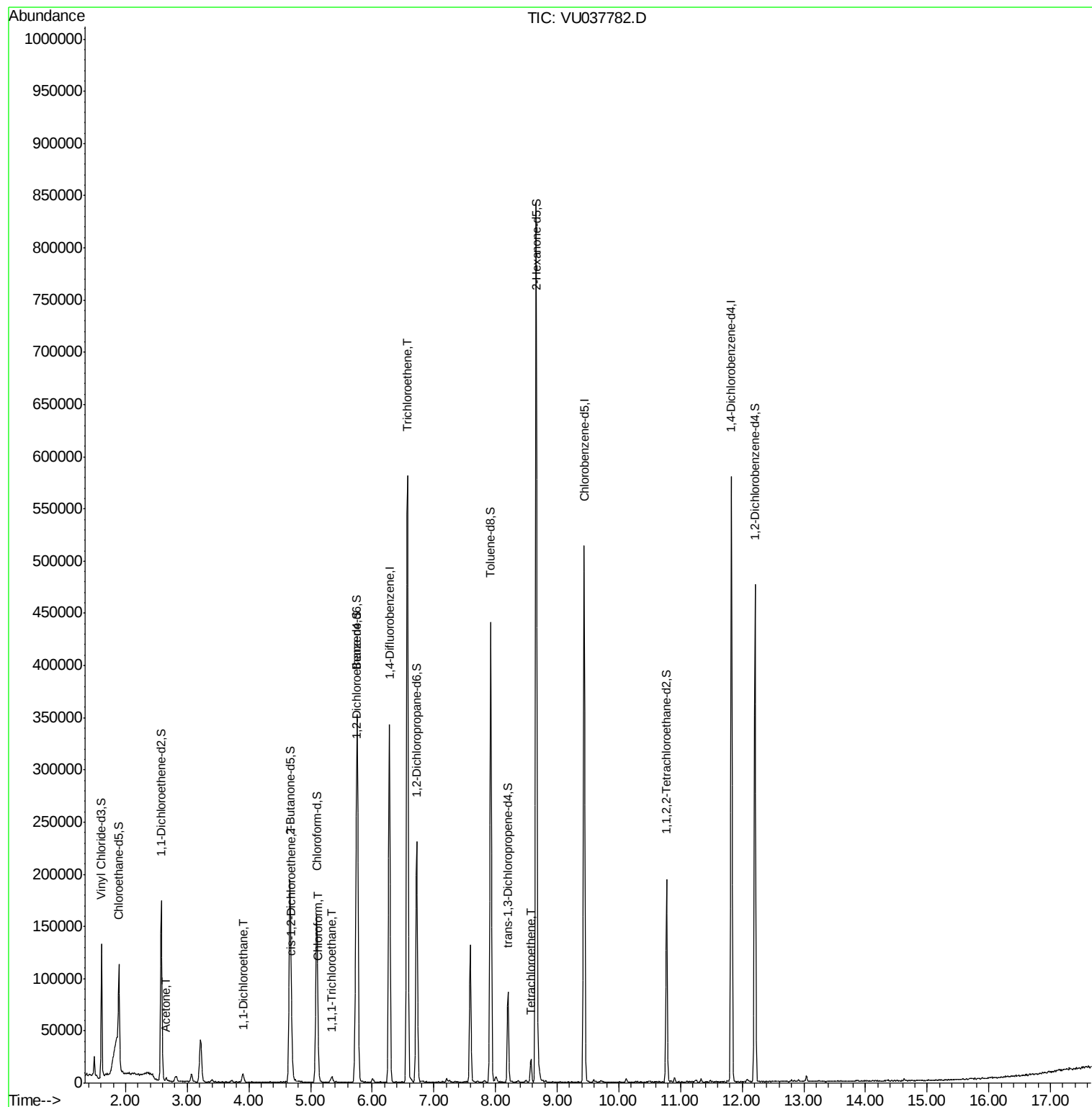
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	4063	1.137	ug/L	82
19) 1,1-Dichloroethane	3.90	63	9186	0.243	ug/L #	93
22) cis-1,2-Dichloroethene	4.70	96	2983	0.141	ug/L	82
25) Chloroform	5.13	83	10387	0.290	ug/L	96
29) 1,1,1-Trichloroethane	5.35	97	3758	0.118	ug/L	94
34) Trichloroethene	6.57	95	198482	9.278	ug/L	96
47) Tetrachloroethene	8.57	164	4737	0.308	ug/L	92

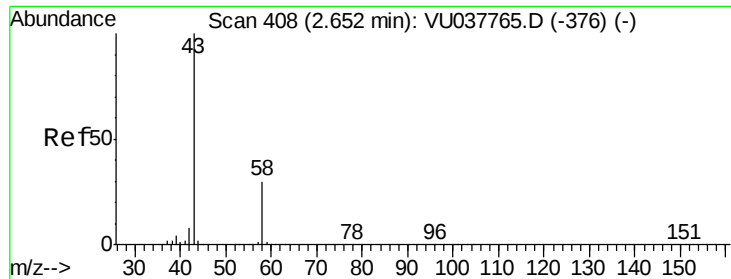
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 18 01:19:54 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.137 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037782.D

Acq: 17 Apr 2020 17:59

Instrument :

MSVOA_U

ClientSampleId :

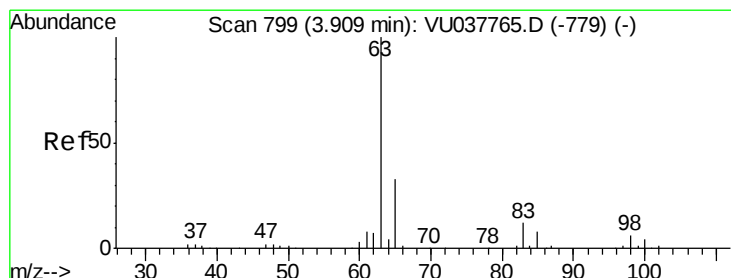
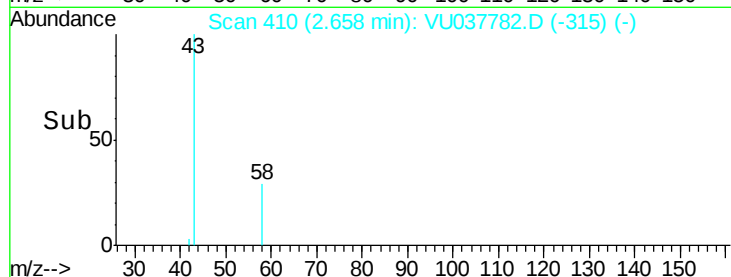
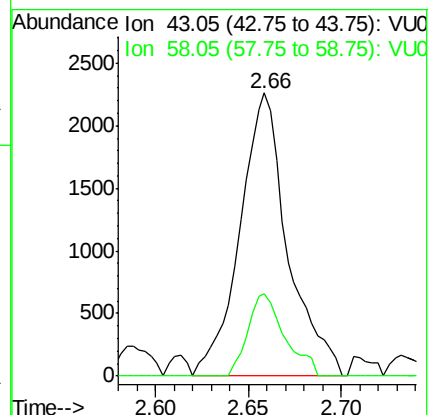
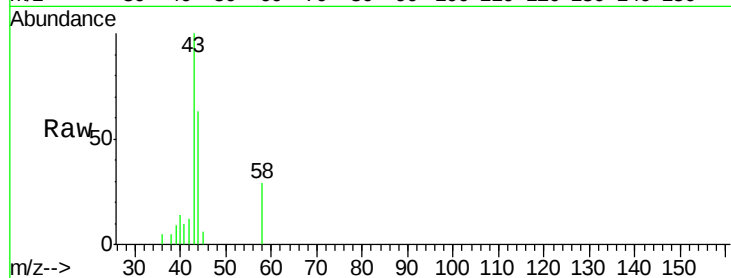
BF8L3DL

Tot Ion: 43 Resp: 4063

Ion Ratio Lower Upper

43 100

58 22.5 0.0 64.8



#19

1,1-Dichloroethane

Concen: 0.243 ug/L

RT: 3.90 min Scan# 797

Delta R.T. -0.01 min

Lab File: VU037782.D

Acq: 17 Apr 2020 17:59

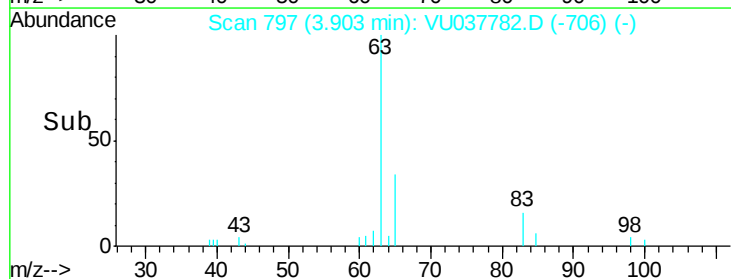
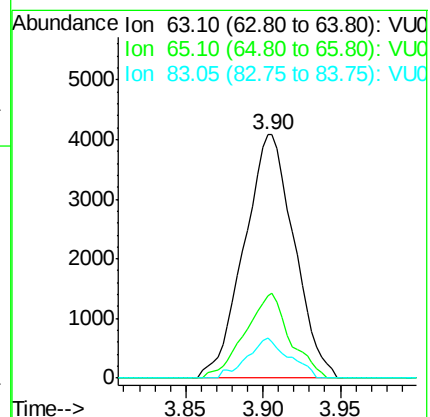
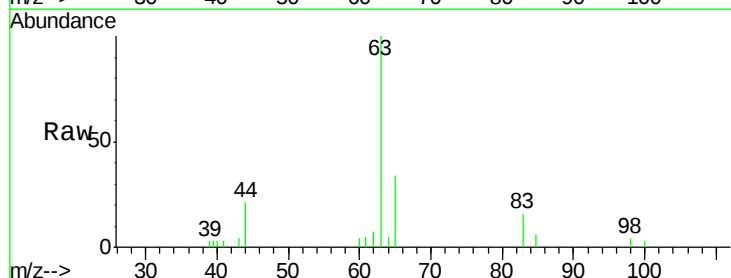
Tgt Ion: 63 Resp: 9186

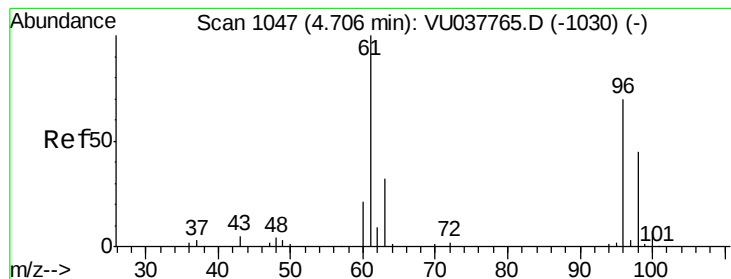
Ion Ratio Lower Upper

63 100

65 34.0 21.6 40.2

83 16.3 8.6 16.0#





#22

cis-1,2-Dichloroethene

Concen: 0.141 ug/L

RT: 4.70 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VU037782.D

Acq: 17 Apr 2020 17:59

Instrument :

MSVOA_U

ClientSampleId :

BF8L3DL

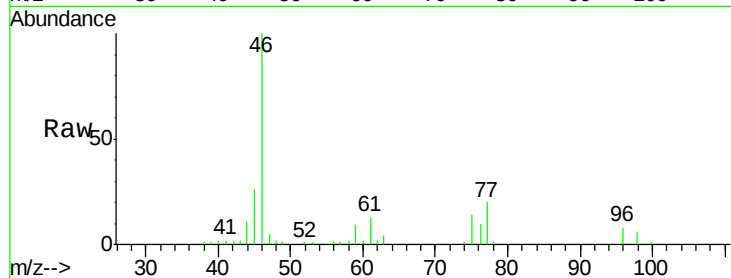
Tot Ion: 96 Resp: 2983

Ion Ratio Lower Upper

96 100

61 160.4 97.0 180.2

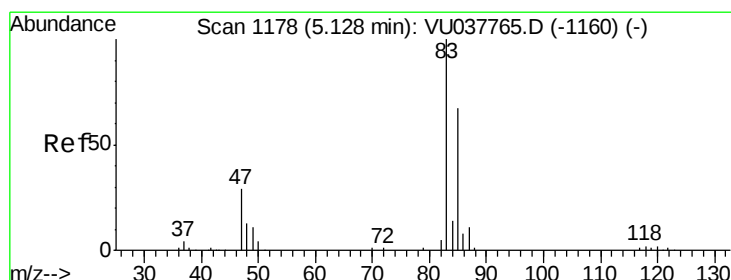
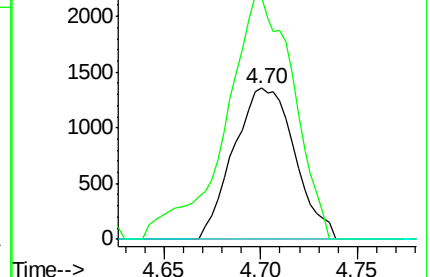
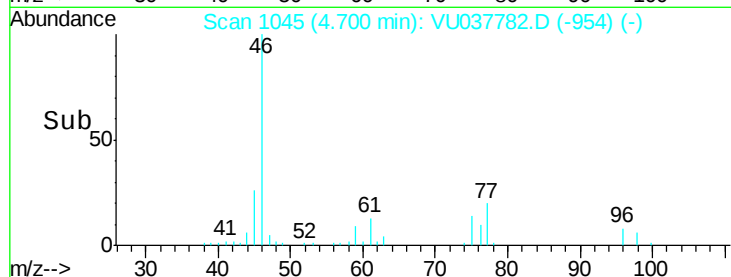
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037782.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU037782.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU037782.D (-954) (-)



#25

Chloroform

Concen: 0.290 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU037782.D

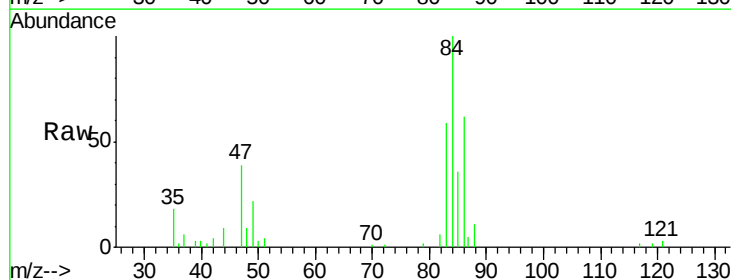
Acq: 17 Apr 2020 17:59

Tgt Ion: 83 Resp: 10387

Ion Ratio Lower Upper

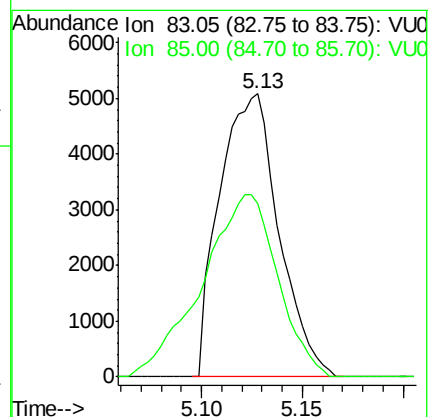
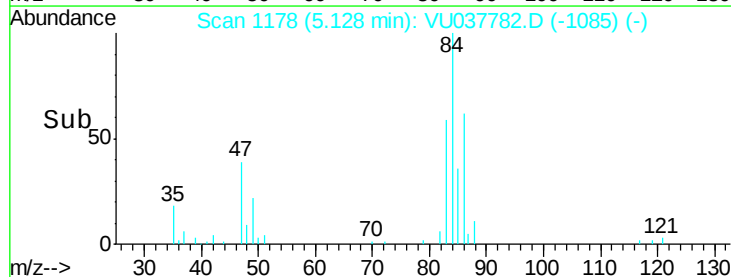
83 100

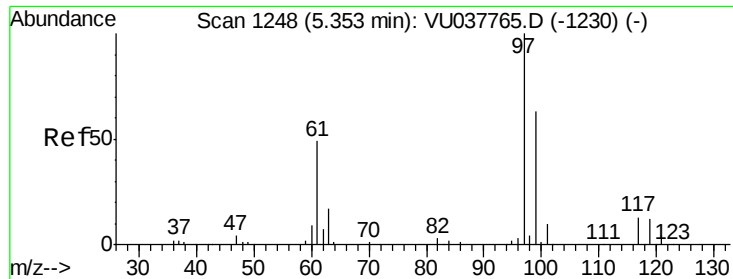
85 61.1 44.9 83.3



Abundance Ion 83.05 (82.75 to 83.75): VU037782.D (-1085) (-)

Ion 85.00 (84.70 to 85.70): VU037782.D (-1085) (-)

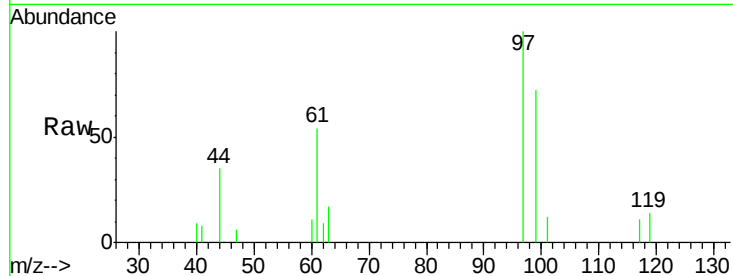




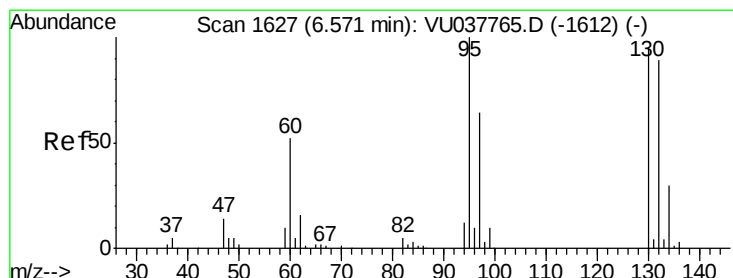
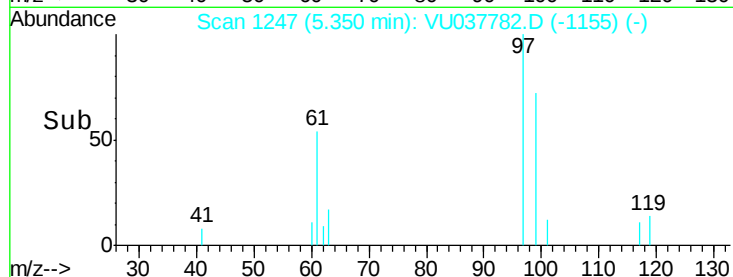
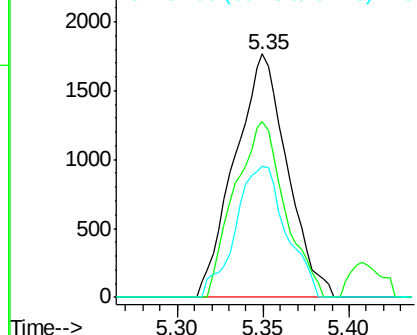
#29
1,1,1-Trichloroethane
Concen: 0.118 ug/L
RT: 5.35 min Scan# 1247
Delta R.T. -0.00 min
Lab File: VU037782.D
Acq: 17 Apr 2020 17:59

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Tot Ion: 97 Resp: 3758
Ion Ratio Lower Upper
97 100
99 69.1 52.0 78.0
61 51.5 37.8 56.8

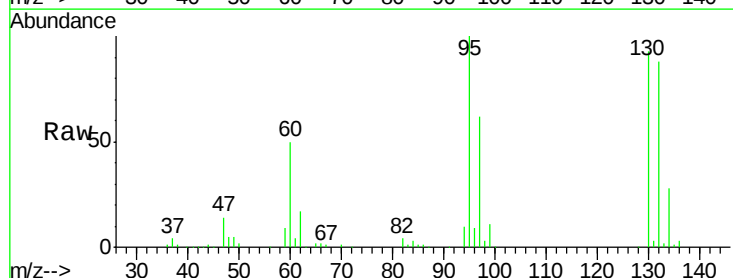


Abundance Ion 96.95 (96.65 to 97.65): VU0
Ion 99.05 (98.75 to 99.75): VU0
Ion 61.05 (60.75 to 61.75): VU0

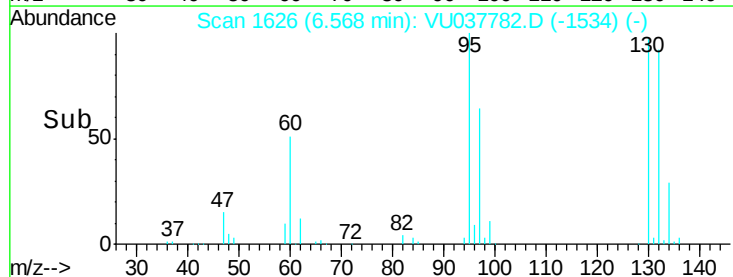
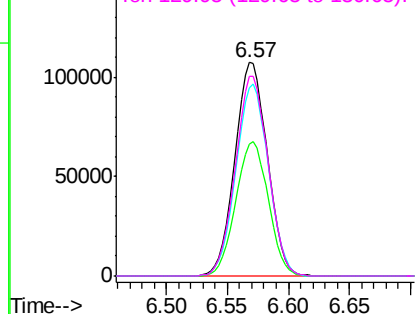


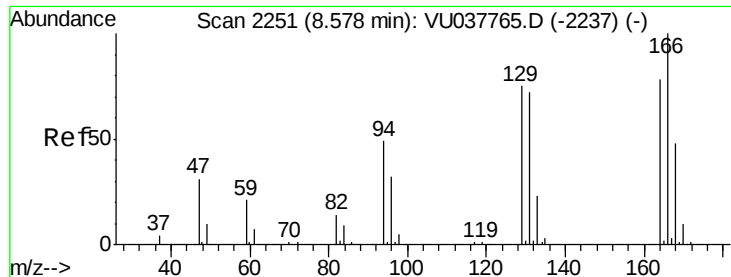
#34
Trichloroethene
Concen: 9.278 ug/L
RT: 6.57 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VU037782.D
Acq: 17 Apr 2020 17:59

Tgt Ion: 95 Resp: 198482
Ion Ratio Lower Upper
95 100
97 61.7 45.4 84.2
132 88.4 63.7 118.3
130 93.3 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





#47

Tetrachloroethene

Concen: 0.308 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037782.D

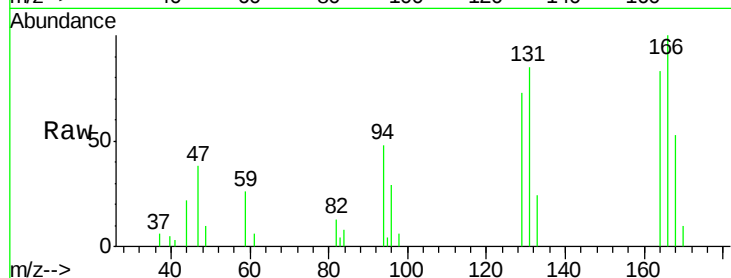
Acq: 17 Apr 2020 17:59

Instrument :

MSVOA_U

ClientSampleId :

BF8L3DL



Tot Ion:164 Resp: 4737

Ion Ratio Lower Upper

164 100

129 87.2 68.1 126.5

131 102.3 65.9 122.5

166 120.0 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

