

Data File : VU034591.D
Acq On : 17 Sep 2019 02:20
Operator : JC/SP
Sample : K4838-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMF6

Quant Time: Sep 17 05:05:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 05:01:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	261753	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	245202	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	97997	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	59515	47.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.26%
7) Chloroethane-d5	1.67	69	52218	53.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.52%
11) 1,1-Dichloroethene-d2	2.26	63	98778	38.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.46%
21) 2-Butanone-d5	4.15	46	159158	111.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.77%
24) Chloroform-d	4.62	84	152089	53.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.10%
26) 1,2-Dichloroethane-d4	5.29	65	96933	55.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.82%
32) Benzene-d6	5.32	84	282244	52.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.70%
36) 1,2-Dichloropropane-d6	6.31	67	108424	54.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.04%
41) Toluene-d8	7.54	98	268006	51.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	7.83	79	45555	47.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.16%
47) 2-Hexanone-d5	8.29	63	113974	104.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.68%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	160790	51.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.54%
64) 1,2-Dichlorobenzene-d4	11.84	152	94768	54.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.42%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1165	0.855 ug/L #	27
12) 1,1-Dichloroethene	2.27	96	3719	2.989 ug/L #	1
13) Acetone	2.31	43	3804	2.973 ug/L	93
20) cis-1,2-Dichloroethene	4.20	96	3786	2.196 ug/L	88
34) Trichloroethene	6.16	95	49293	31.815 ug/L	94
59) 1,2,3-Trichloropropane	11.46	75	16160	6.267 ug/L	99

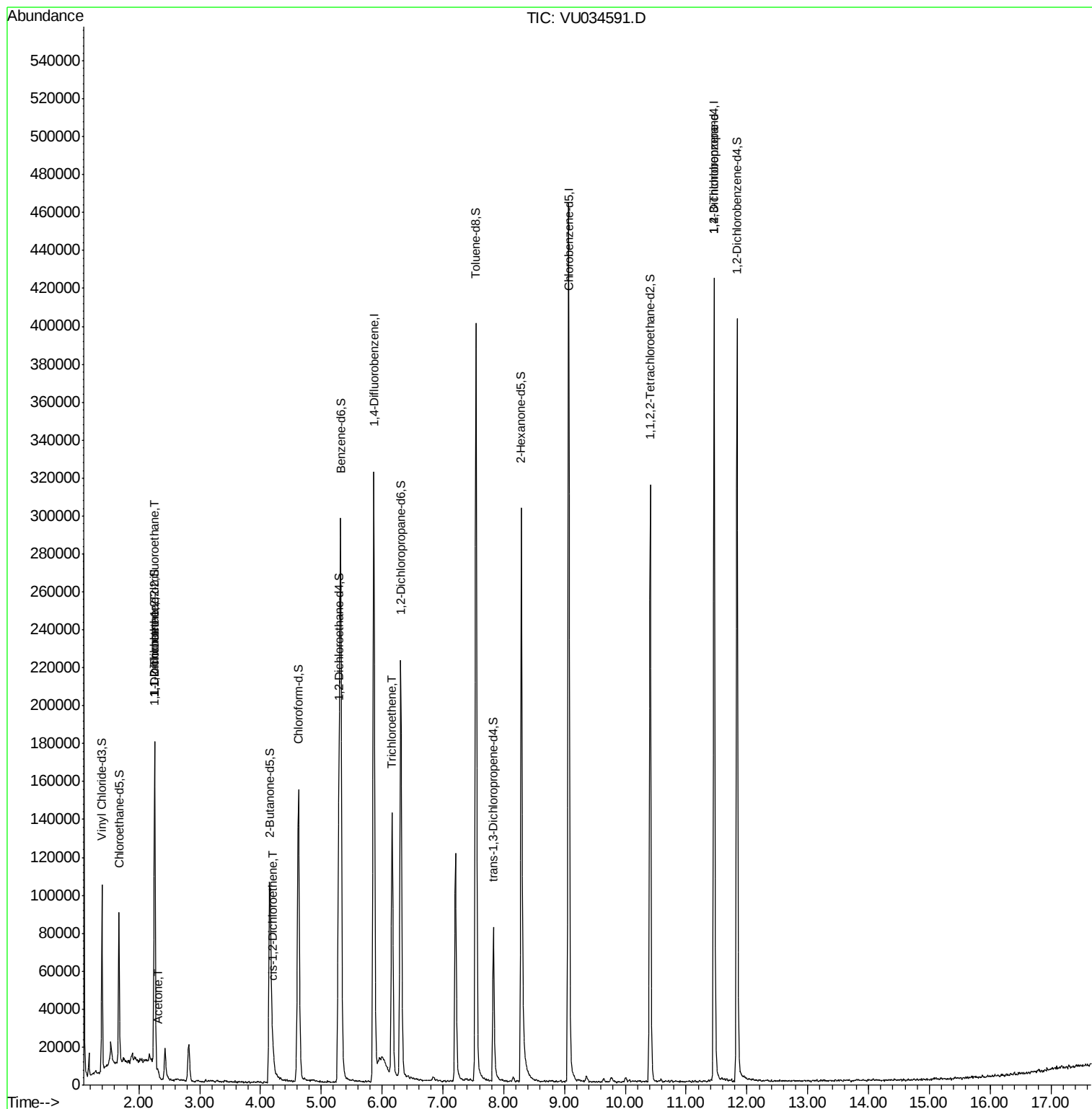
(#) = qualifier out of range (m) = manual integration (+) = signals summed

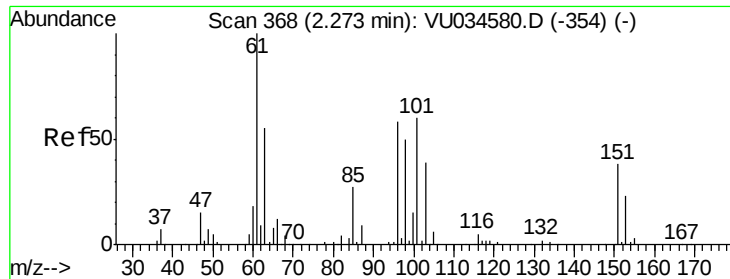
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.855 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

COMF6

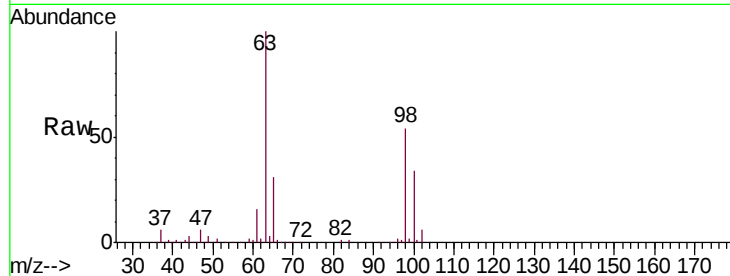
Tgt Ion:101 Resp: 1165

Ion Ratio Lower Upper

101 100

85 8.0 37.0 55.6#

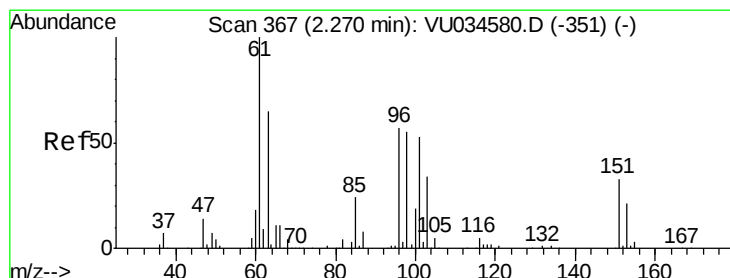
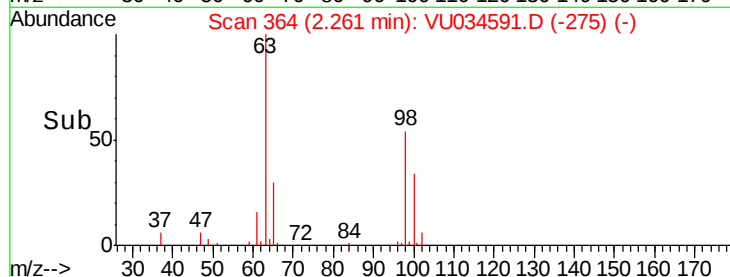
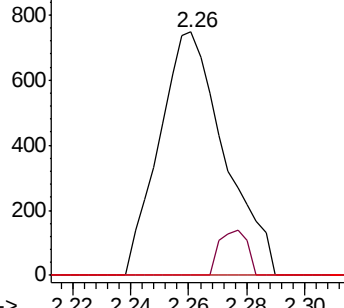
151 0.0 54.1 81.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 2.989 ug/L

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

Lab File: VU034591.D

Acq: 17 Sep 2019 02:20

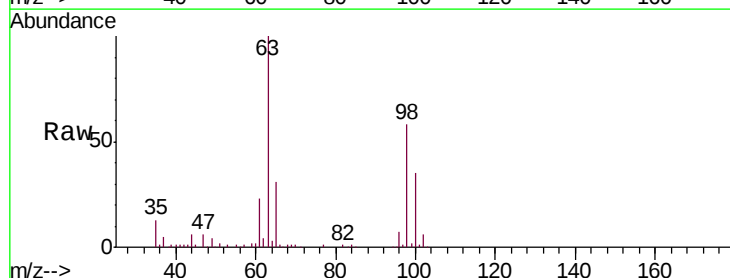
Tgt Ion: 96 Resp: 3719

Ion Ratio Lower Upper

96 100

61 328.1 117.8 218.8#

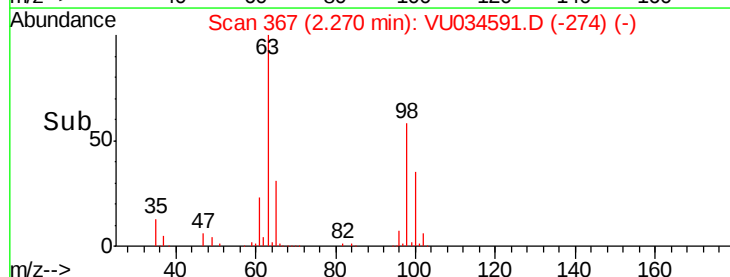
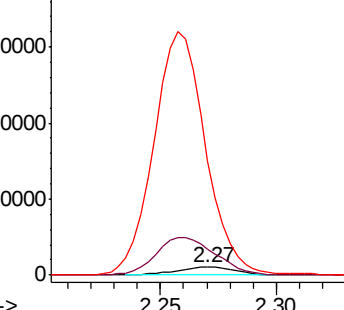
63 1428.1 83.8 155.6#

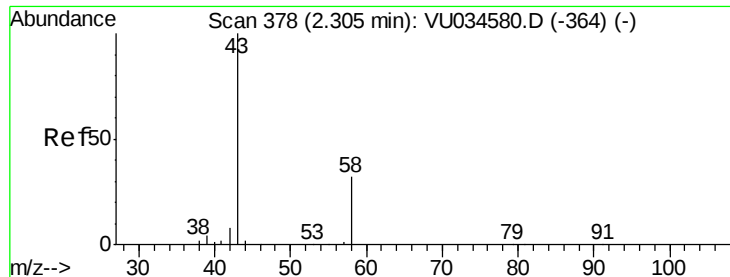


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.973 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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ClientSampleId :

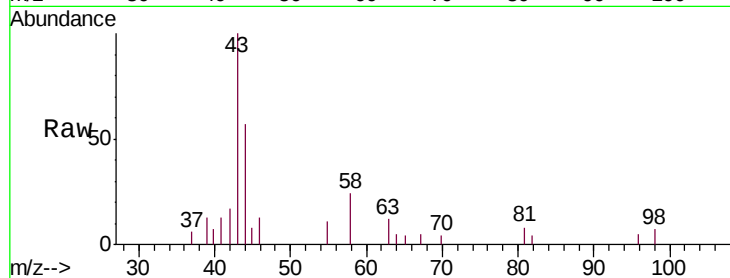
COMF6

Tgt Ion: 43 Resp: 3804

Ion Ratio Lower Upper

43 100

58 28.7 0.0 65.0



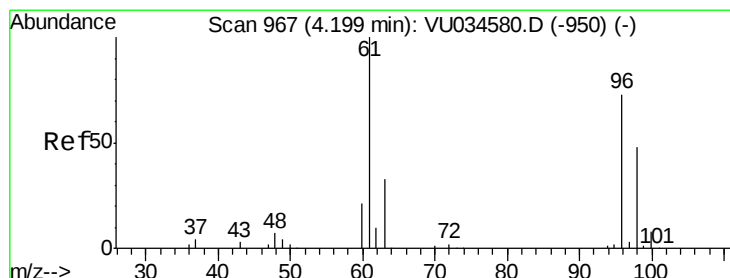
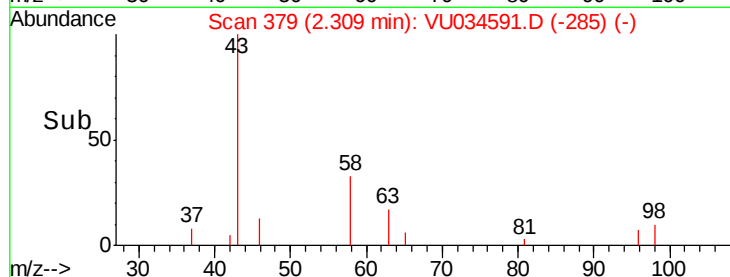
Abundance Ion 43.00 (42.70 to 43.70): VU034580.D (-364) (-)

Ion 58.00 (57.70 to 58.70): VU034580.D (-364) (-)

2.31

2.25 2.30 2.35

Time-->



#20

cis-1,2-Dichloroethene

Concen: 2.196 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU034591.D

Acq: 17 Sep 2019 02:20

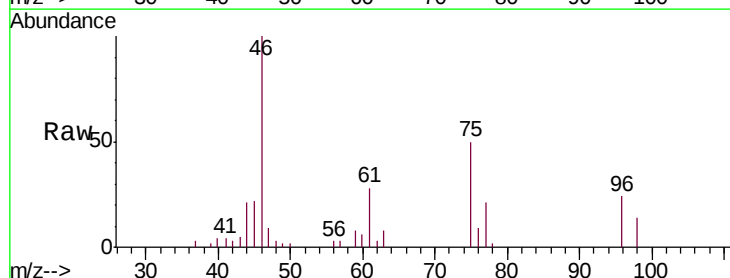
Tgt Ion: 96 Resp: 3786

Ion Ratio Lower Upper

96 100

61 121.0 94.7 175.9

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU034580.D (-950) (-)

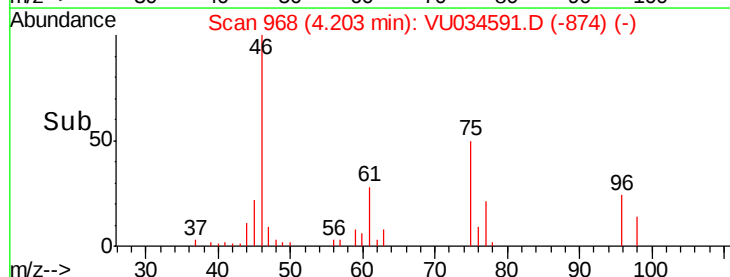
Ion 61.00 (60.70 to 61.70): VU034580.D (-950) (-)

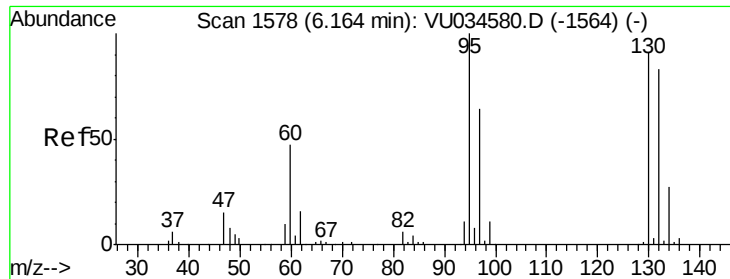
Ion 68.00 (67.70 to 68.70): VU034580.D (-950) (-)

4.20

4.15 4.20 4.25

Time-->





#34

Trichloroethene

Concen: 31.815 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU034591.D

Acq: 17 Sep 2019 02:20

Instrument :

MSVOA_U

ClientSampleId :

C0MF6

Tgt Ion: 95 Resp: 49293

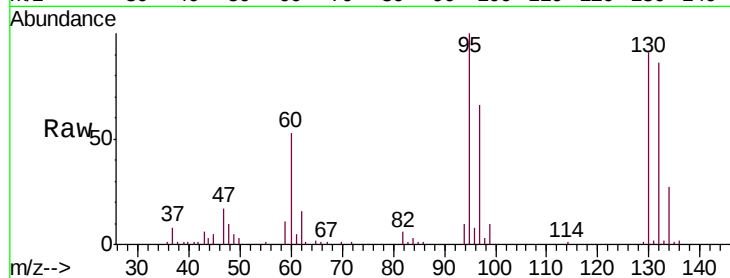
Ion Ratio Lower Upper

95 100

97 66.3 45.4 84.4

132 86.2 65.2 121.0

130 90.6 68.5 127.3

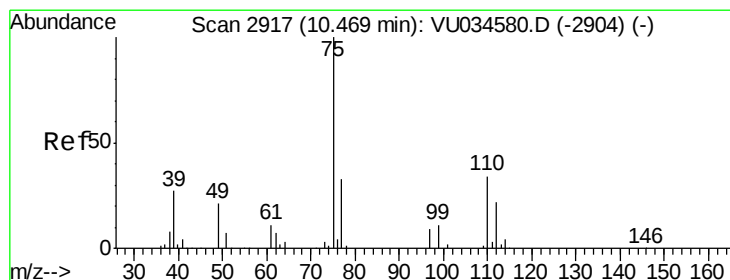
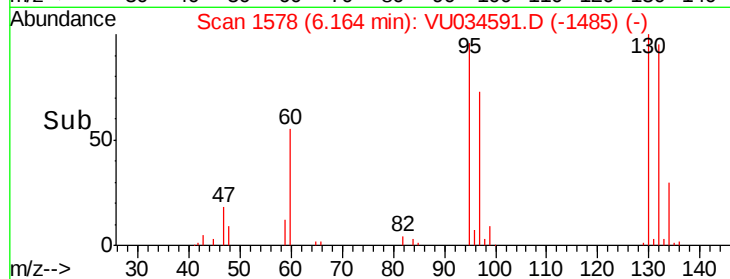
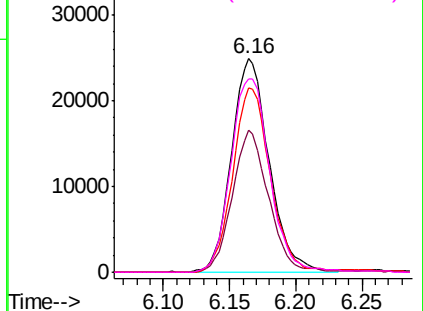


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#59

1,2,3-Trichloropropane

Concen: 6.267 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034591.D

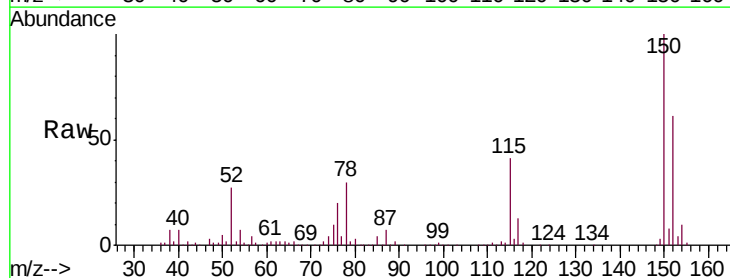
Acq: 17 Sep 2019 02:20

Tgt Ion: 75 Resp: 16160

Ion Ratio Lower Upper

75 100

77 33.2 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

