

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026564.D
 Acq On : 05 Sep 2018 23:58
 Operator : MD/SY
 Sample : J4718-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEGC5

Quant Time: Sep 06 08:00:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 05:59:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	160357	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	150326	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	64595	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42051	42.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.64%
7) Chloroethane-d5	1.68	69	38175	42.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.08%
11) 1,1-Dichloroethene-d2	2.27	63	61622	27.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.08%#
21) 2-Butanone-d5	4.18	46	79480	103.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.07%
24) Chloroform-d	4.65	84	84717	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.30%
26) 1,2-Dichloroethane-d4	5.31	65	56958	45.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.18%
32) Benzene-d6	5.34	84	161528	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.24%
36) 1,2-Dichloropropane-d6	6.33	67	57975	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.42%
41) Toluene-d8	7.57	98	142780	42.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.38%
43) trans-1,3-Dichloropropene-	7.85	79	23843	43.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.74%
47) 2-Hexanone-d5	8.31	63	54903	100.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	81873	46.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	57533	49.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.18%

Target Compounds

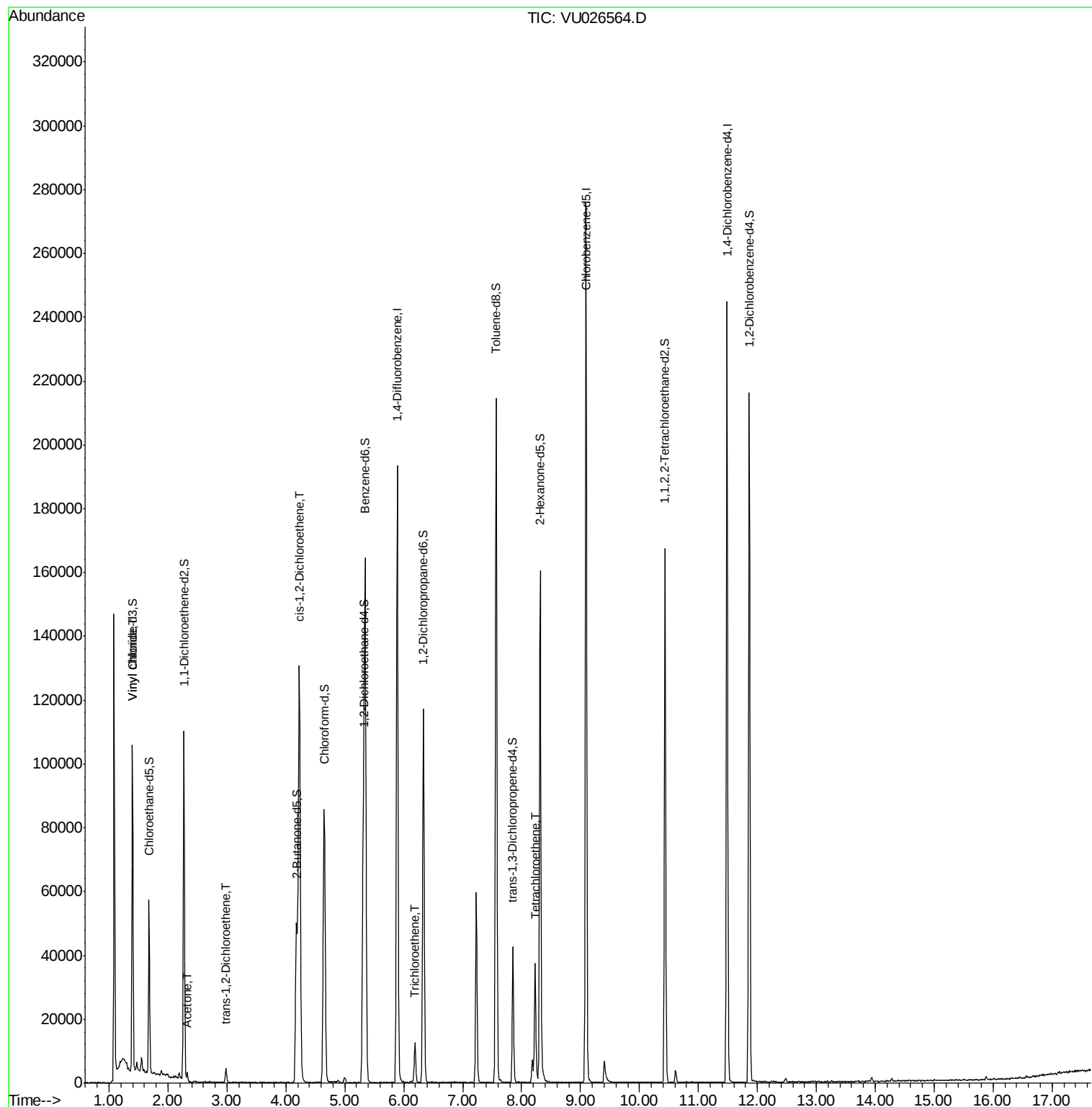
						Ovalue
5) Vinyl chloride	1.40	62	26484	15.82	ug/L	94
13) Acetone	2.32	43	2537	3.80	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	1767	1.71	ug/L	92
20) cis-1,2-Dichloroethene	4.23	96	70954	61.18	ug/L	99
34) Trichloroethene	6.19	95	4425	4.09	ug/L	93
46) Tetrachloroethene	8.23	164	8591	9.72	ug/L	93

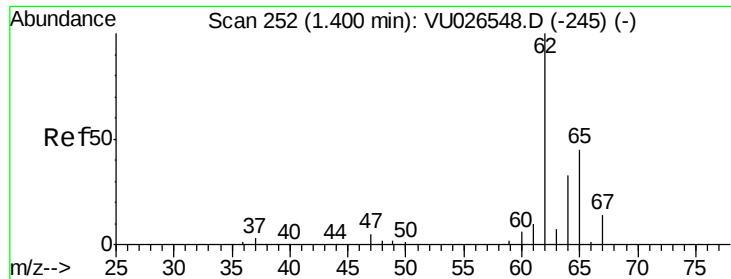
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 15.82 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU026564.D

Acq: 05 Sep 2018 23:58

Instrument :

MSVOA_U

ClientSampled :

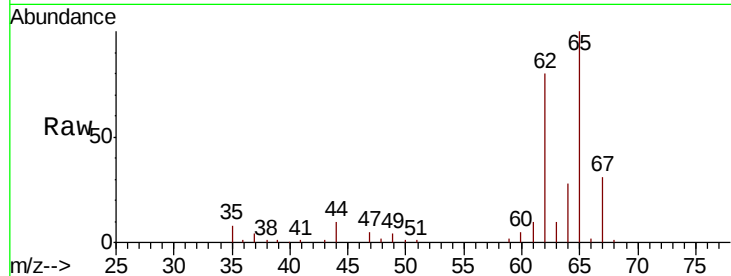
BEGC5

Tot Ion: 62 Resp: 26484

Ion Ratio Lower Upper

62 100

64 35.3 22.4 41.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.40

25000

20000

15000

10000

5000

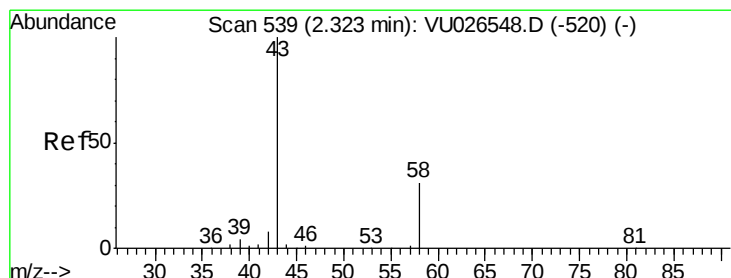
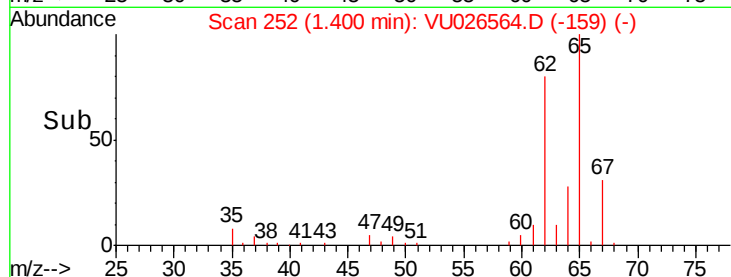
0

Time-->

1.35

1.40

1.45



#13

Acetone

Concen: 3.80 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026564.D

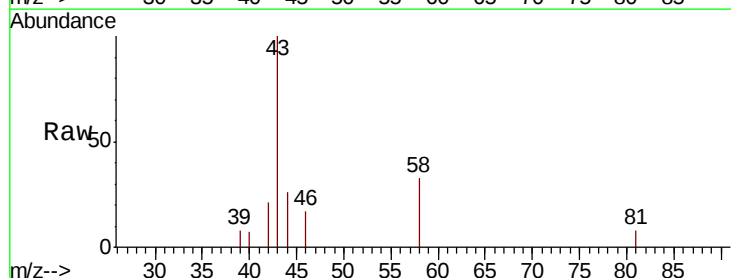
Acq: 05 Sep 2018 23:58

Tgt Ion: 43 Resp: 2537

Ion Ratio Lower Upper

43 100

58 29.3 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

1500

1000

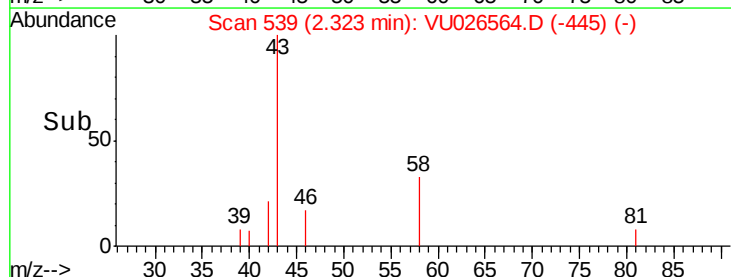
500

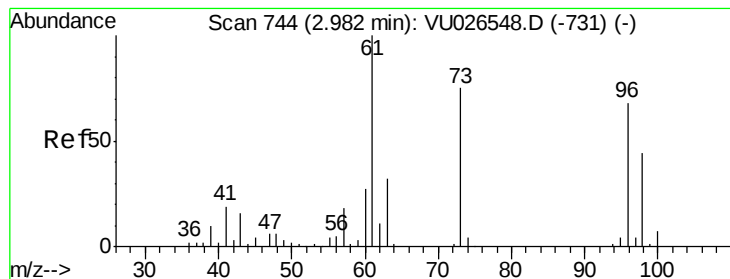
0

Time-->

2.30

2.35





#17

trans-1,2-Dichloroethene

Concen: 1.71 ug/L

RT: 2.98 min Scan# 744

Delta R.T. 0.00 min

Lab File: VU026564.D

Acq: 05 Sep 2018 23:58

Instrument :

MSVOA_U

ClientSampleId :

BEGC5

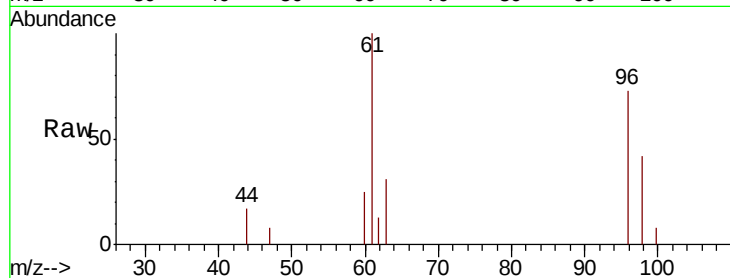
Tot Ion: 96 Resp: 1767

Ion Ratio Lower Upper

96 100

61 137.2 103.2 191.6

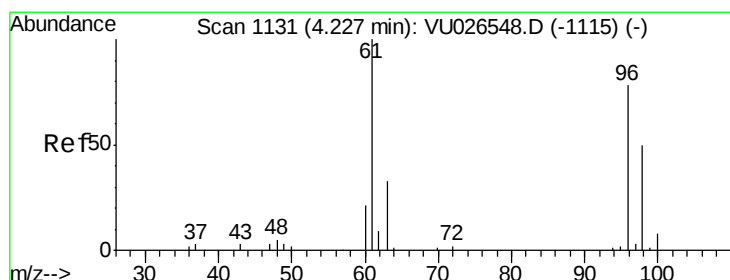
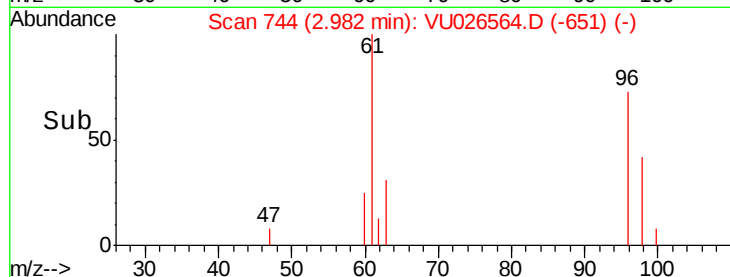
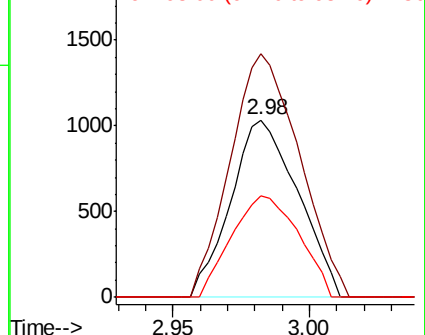
98 57.1 44.9 83.3



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 61.18 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VU026564.D

Acq: 05 Sep 2018 23:58

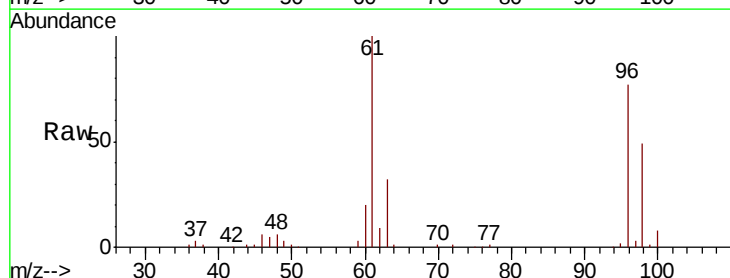
Tgt Ion: 96 Resp: 70954

Ion Ratio Lower Upper

96 100

61 129.2 91.6 170.2

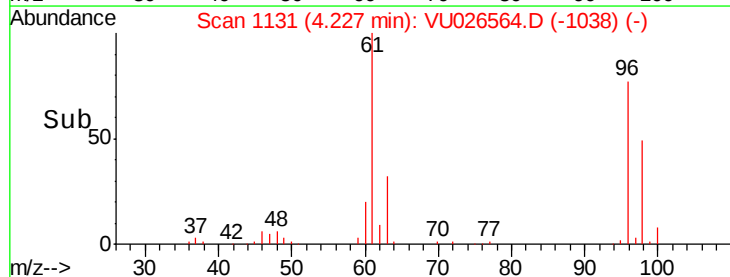
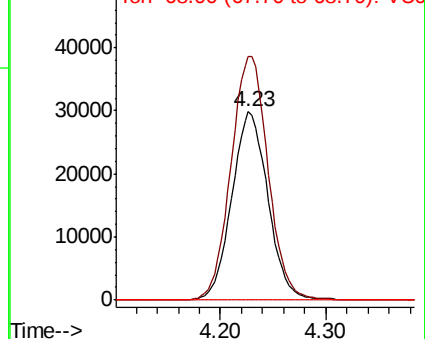
68 0.0 0.0 0.0

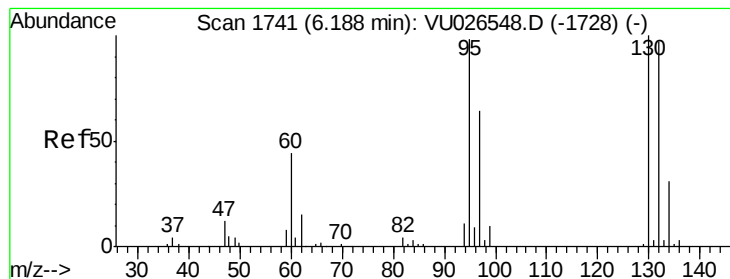


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 4.09 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU026564.D

Acq: 05 Sep 2018 23:58

Instrument :

MSVOA_U

ClientSampleId :

BEGC5

Tot Ion: 95 Resp: 4425

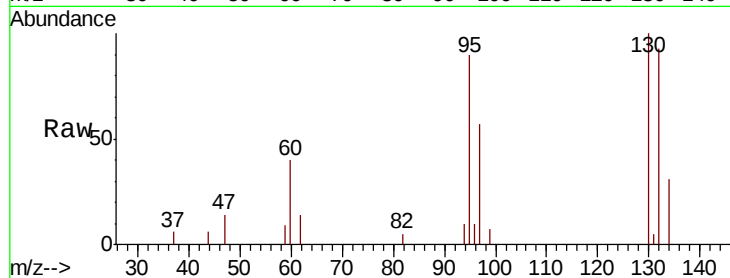
Ion Ratio Lower Upper

95 100

97 63.8 45.1 83.7

132 102.9 67.5 125.3

130 111.1 69.3 128.7

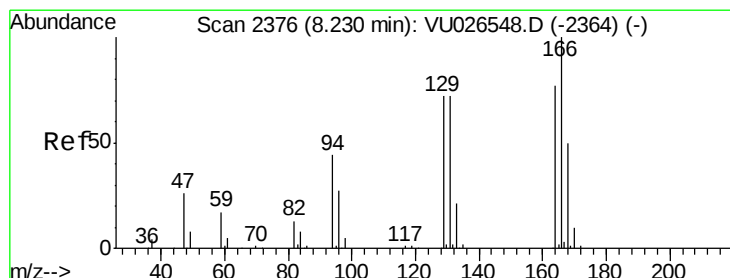
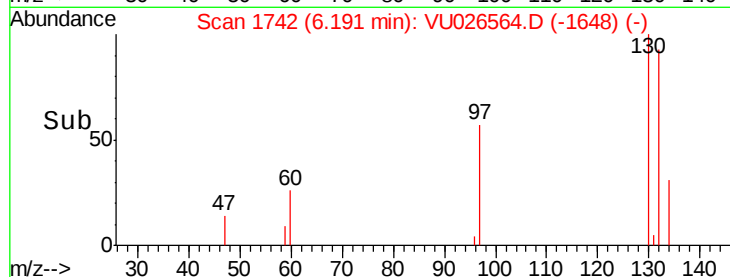
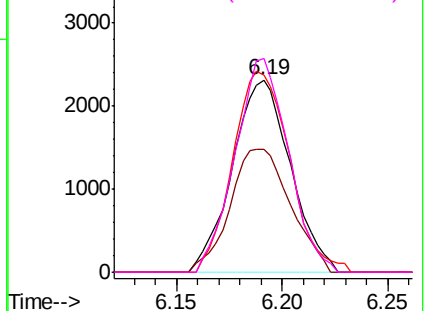


Abundance Ion 95.00 (94.70 to 95.70): VU026564.D (-1728) (-)

Ion 97.00 (96.70 to 97.70): VU026564.D (-1728) (-)

Ion 132.00 (131.70 to 132.70): VU026564.D (-1728) (-)

Ion 130.00 (129.70 to 130.70): VU026564.D (-1728) (-)



#46

Tetrachloroethene

Concen: 9.72 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026564.D

Acq: 05 Sep 2018 23:58

Tgt Ion: 164 Resp: 8591

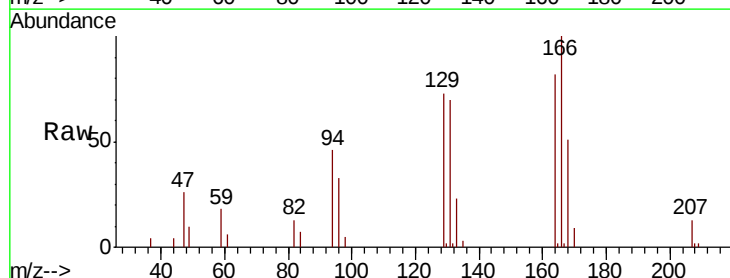
Ion Ratio Lower Upper

164 100

129 89.5 67.3 125.1

131 86.3 65.3 121.3

166 122.4 90.9 168.7



Abundance Ion 164.00 (163.70 to 164.70): VU026564.D (-2283) (-)

Ion 129.00 (128.70 to 129.70): VU026564.D (-2283) (-)

Ion 131.00 (130.70 to 131.70): VU026564.D (-2283) (-)

Ion 166.00 (165.70 to 166.70): VU026564.D (-2283) (-)

