

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080518\
 Data File : VU025872.D
 Acq On : 04 Aug 2018 14:37
 Operator : MD/SY
 Sample : J4340-07DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F72DL

Quant Time: Aug 06 01:31:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 06 01:30:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	306841	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287256	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	138070	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67336	38.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.88%
7) Chloroethane-d5	1.68	69	60671	41.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.98%
11) 1,1-Dichloroethene-d2	2.27	63	119267	32.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.40%
21) 2-Butanone-d5	4.18	46	138958	102.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.75%
24) Chloroform-d	4.65	84	173228	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.31	65	119925	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
32) Benzene-d6	5.35	84	328167	44.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.08%
36) 1,2-Dichloropropane-d6	6.33	67	108366	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.30%
41) Toluene-d8	7.57	98	305370	43.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.44%
43) trans-1,3-Dichloropropene-	7.85	79	52413	43.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.46%
47) 2-Hexanone-d5	8.31	63	96578	97.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.16%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	149150	44.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	128042	45.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.52%

Target Compounds

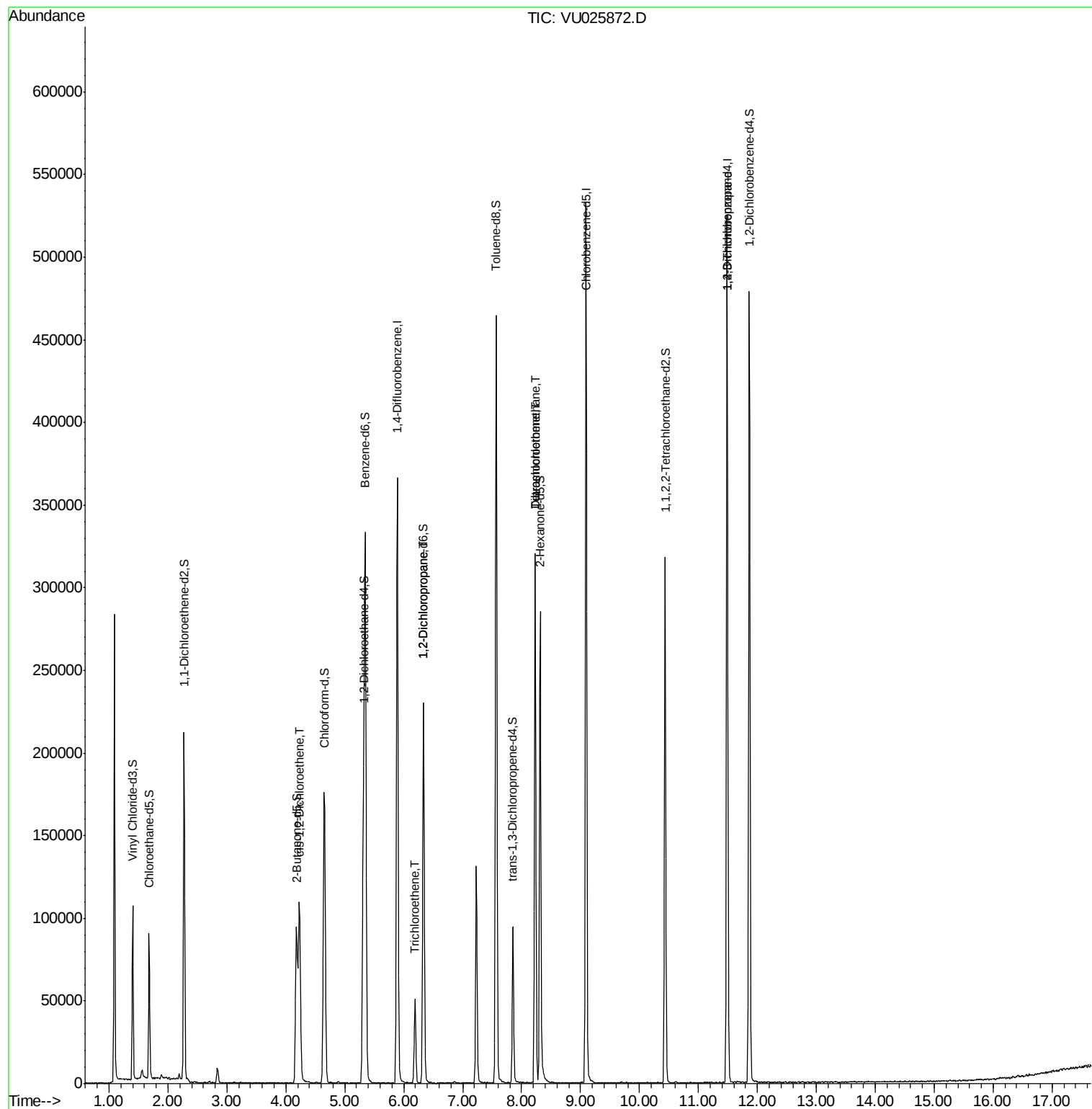
					Qvalue
20) cis-1,2-Dichloroethene	4.23	96	57143	25.391 ug/L	96
34) Trichloroethene	6.19	95	17076	7.797 ug/L	94
37) 1,2-Dichloropropane	6.33	63	12345	5.473 ug/L #	88
46) Tetrachloroethene	8.23	164	72366	38.116 ug/L	99
49) Dibromochloromethane	8.23	129	66628	26.254 ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	15084	5.694 ug/L #	86

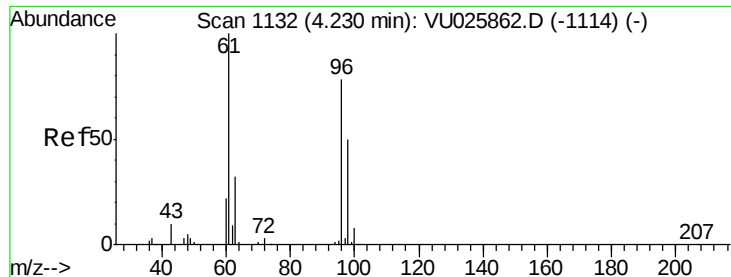
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 06 01:30:36 2018
Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 25.391 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025872.D

Acq: 04 Aug 2018 14:37

Instrument :

MSVOA_U

ClientSampleId :

E5F72DL

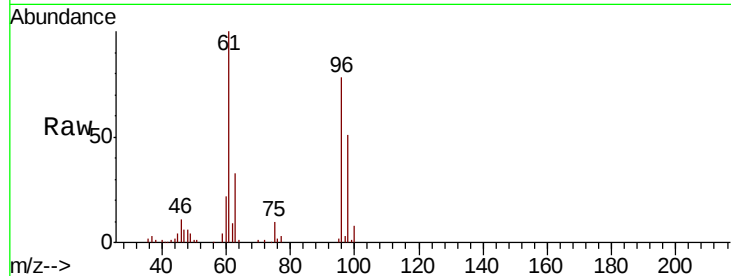
Tgt Ion: 96 Resp: 57143

Ion Ratio Lower Upper

96 100

61 129.0 87.4 162.2

68 0.0 0.0 0.0

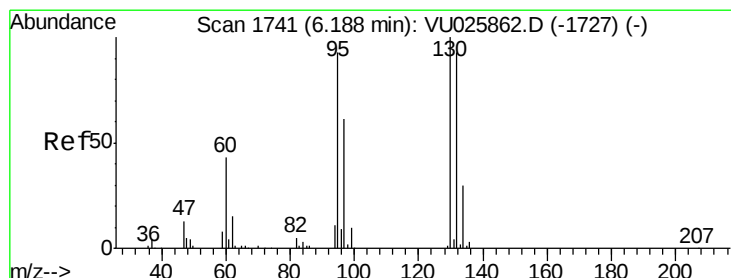
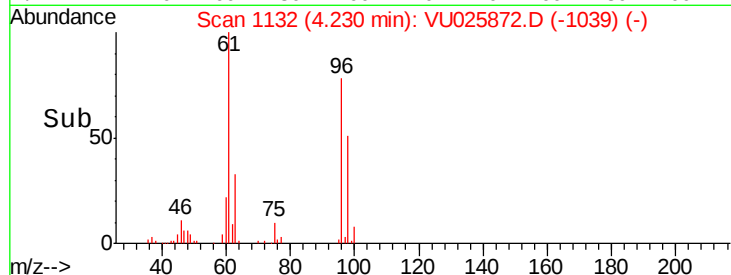
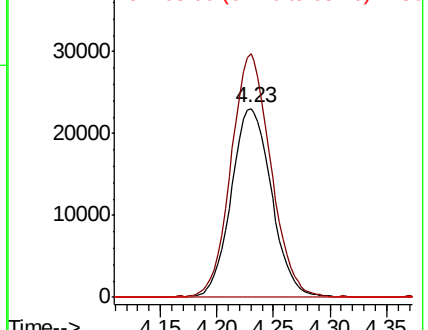


Abundance

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: 7.797 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025872.D

Acq: 04 Aug 2018 14:37

Tgt Ion: 95 Resp: 17076

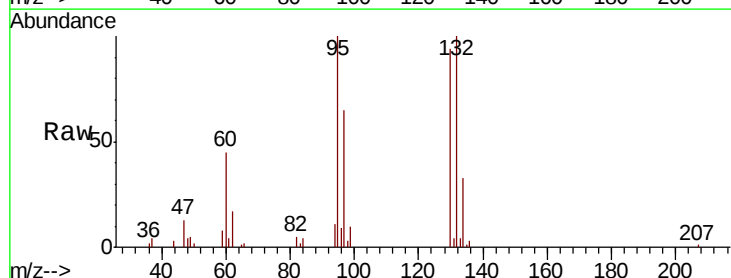
Ion Ratio Lower Upper

95 100

97 64.5 45.9 85.3

132 100.0 72.2 134.2

130 94.2 74.9 139.1



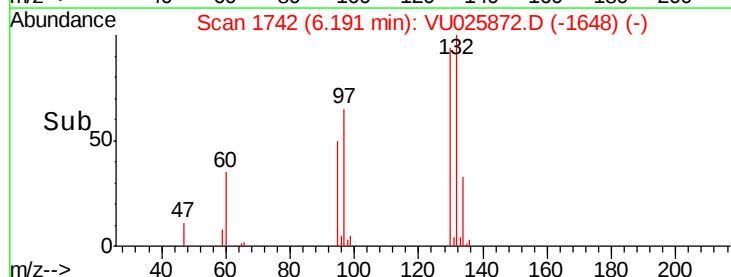
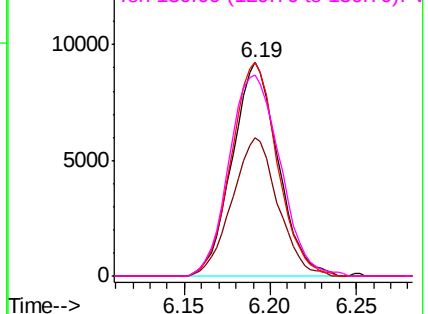
Abundance

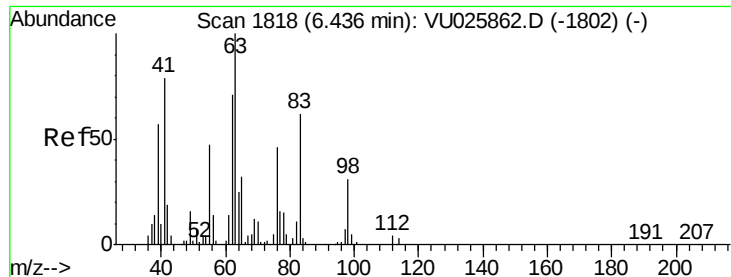
Ion 95.00 (94.70 to 95.70): VU0

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





#37

1,2-Dichloropropane

Concen: 5.473 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU025872.D

Acq: 04 Aug 2018 14:37

Instrument :

MSVOA_U

ClientSampleId :

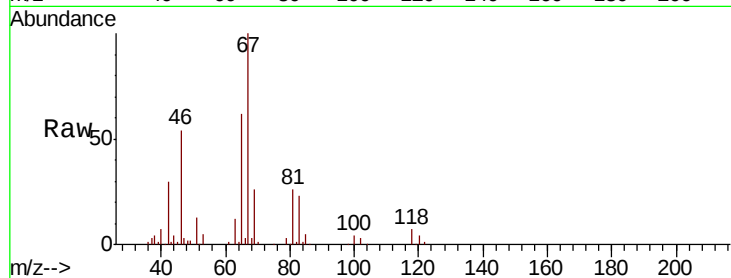
E5F72DL

Tgt Ion: 63 Resp: 12345

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU025872.D (-1786) (-)

Ion 112.00 (111.70 to 112.70): VU025872.D (-1786) (-)

6.33

6000

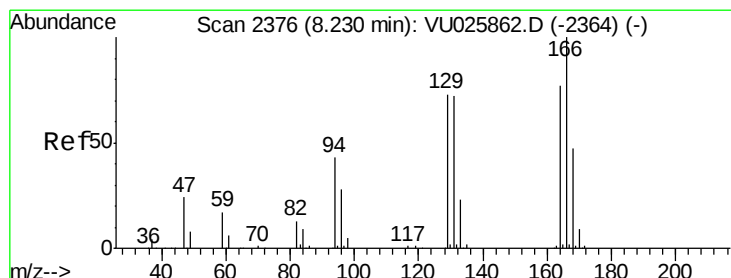
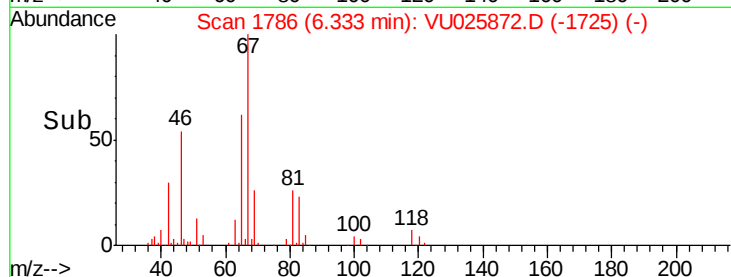
4000

2000

0

6.30 6.35 6.40

Time-->



#46

Tetrachloroethene

Concen: 38.116 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU025872.D

Acq: 04 Aug 2018 14:37

Tgt Ion: 164 Resp: 72366

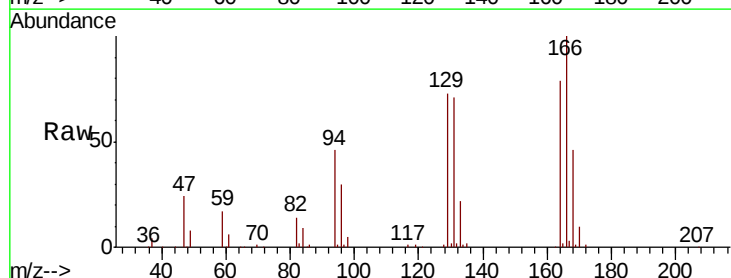
Ion Ratio Lower Upper

164 100

129 91.6 65.1 120.9

131 89.8 62.8 116.6

166 126.3 89.7 166.7



Abundance Ion 164.00 (163.70 to 164.70): VU025872.D (-2283) (-)

Ion 129.00 (128.70 to 129.70): VU025872.D (-2283) (-)

Ion 131.00 (130.70 to 131.70): VU025872.D (-2283) (-)

Ion 166.00 (165.70 to 166.70): VU025872.D (-2283) (-)

80000

60000

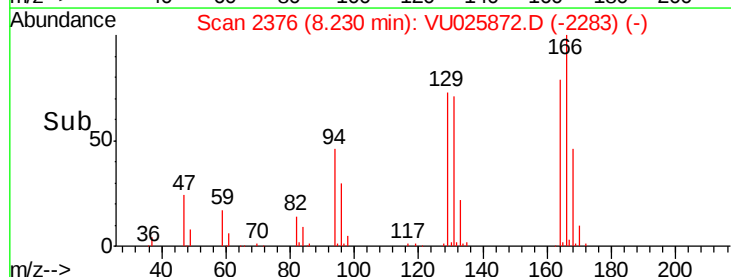
40000

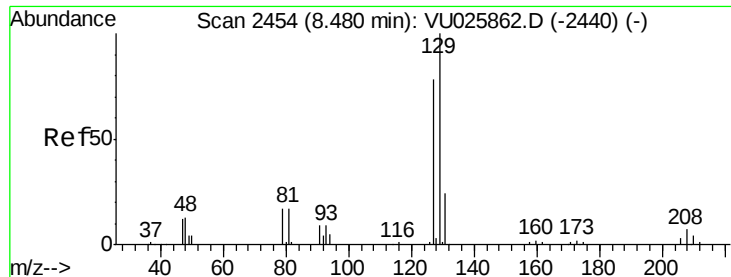
20000

0

8.15 8.20 8.25 8.30

Time-->





#49

Dibromochloromethane

Concen: 26.254 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU025872.D

Acq: 04 Aug 2018 14:37

Instrument :

MSVOA_U

ClientSampleId :

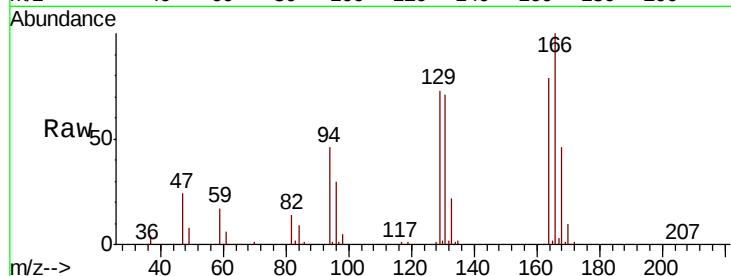
E5F72DL

Tgt Ion:129 Resp: 66628

Ion Ratio Lower Upper

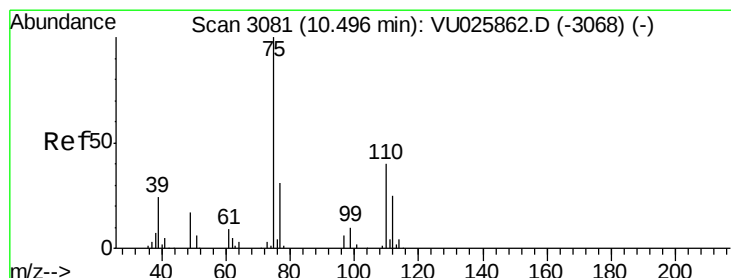
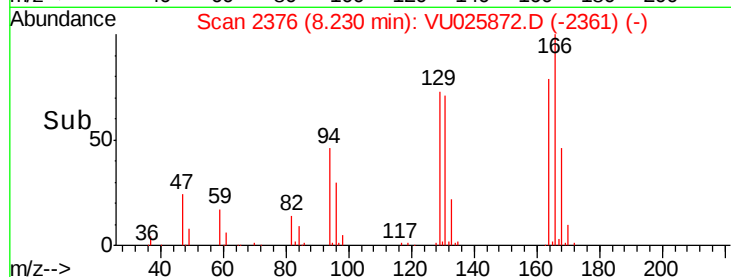
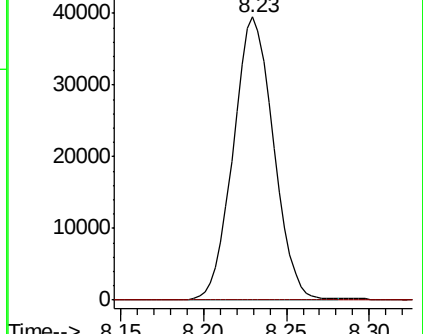
129 100

127 0.0 53.8 100.0#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.694 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025872.D

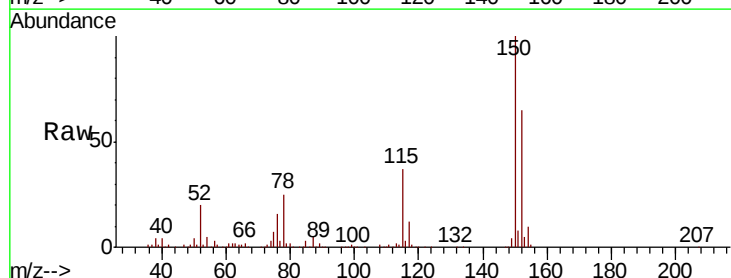
Acq: 04 Aug 2018 14:37

Tgt Ion: 75 Resp: 15084

Ion Ratio Lower Upper

75 100

77 40.1 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

