

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052718\
 Data File : VU024199.D
 Acq On : 27 May 2018 19:39
 Operator : MD/SY
 Sample : J3092-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 28 04:21:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 04:17:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	310130	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287504	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	96039	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	105903	44.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.84%
7) Chloroethane-d5	1.68	69	89163	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.24%
11) 1,1-Dichloroethene-d2	2.27	63	146050	33.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.60%
21) 2-Butanone-d5	4.18	46	153531	81.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.91%
24) Chloroform-d	4.65	84	184649	43.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.31	65	123133	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.02%
32) Benzene-d6	5.35	84	378160	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
36) 1,2-Dichloropropane-d6	6.34	67	127533	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.54%
41) Toluene-d8	7.57	98	322894	43.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.58%
43) trans-1,3-Dichloropropene-	7.85	79	46440	42.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.66%
47) 2-Hexanone-d5	8.31	63	101134	77.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.73%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	168326	42.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.62%
64) 1,2-Dichlorobenzene-d4	11.87	152	109172	51.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.70%

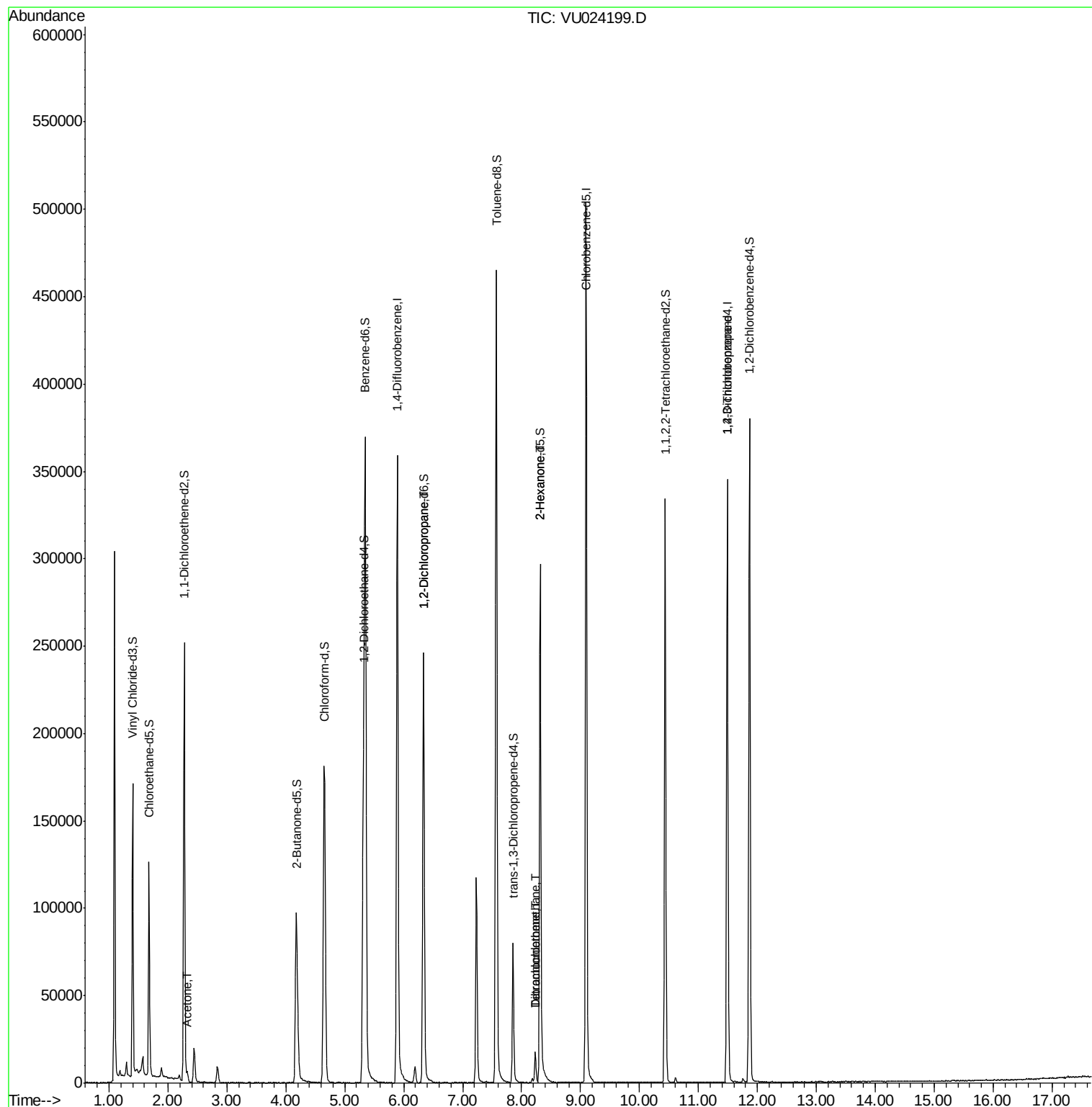
Target Compounds

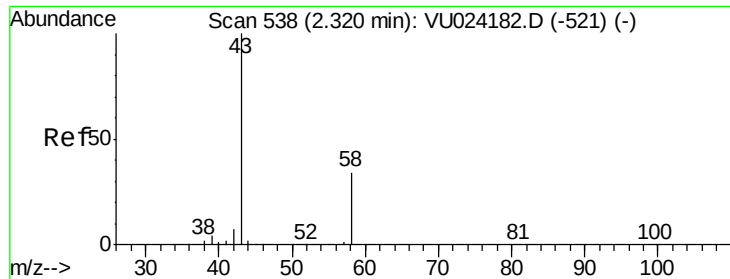
					Qvalue
13) Acetone	2.32	43	4238	2.59 ug/L	100
37) 1,2-Dichloropropane	6.34	63	13022	4.85 ug/L #	89
46) Tetrachloroethene	8.23	164	4181	2.22 ug/L	95
48) 2-Hexanone	8.31	43	12060	4.20 ug/L #	68
49) Dibromochloromethane	8.23	129	4137	1.65 ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	11341	3.38 ug/L	93

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

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#13

Acetone

Concen: 2.59 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024199.D

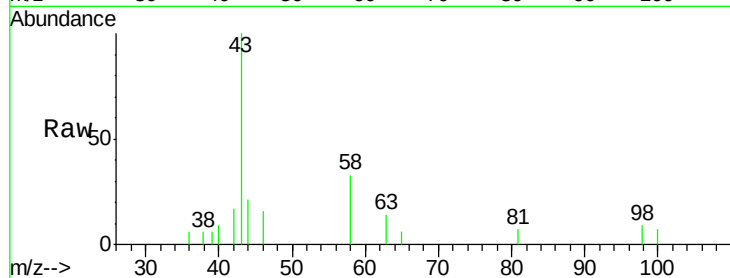
Acq: 27 May 2018 19:39

Tgt Ion: 43 Resp: 4238

Ion Ratio Lower Upper

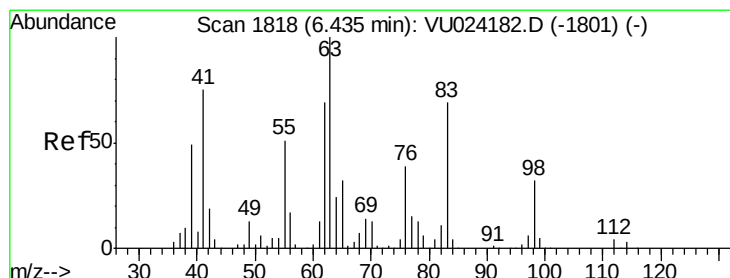
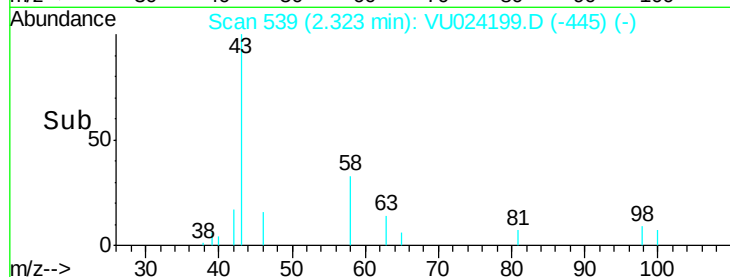
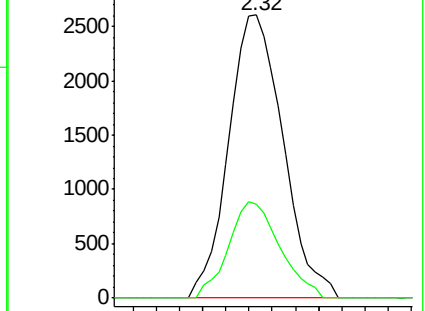
43 100

58 32.1 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU024182.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU024182.D (-521) (-)



#37

1,2-Dichloropropane

Concen: 4.85 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU024199.D

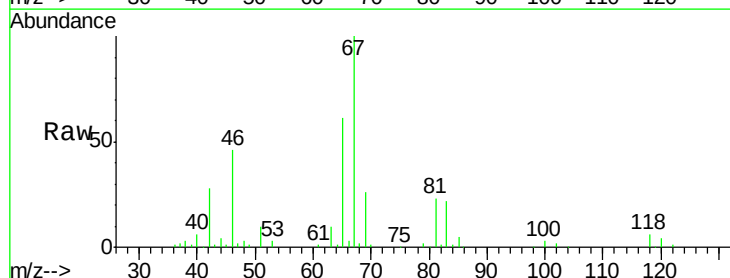
Acq: 27 May 2018 19:39

Tgt Ion: 63 Resp: 13022

Ion Ratio Lower Upper

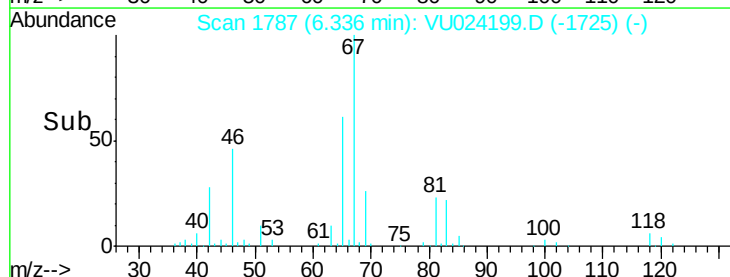
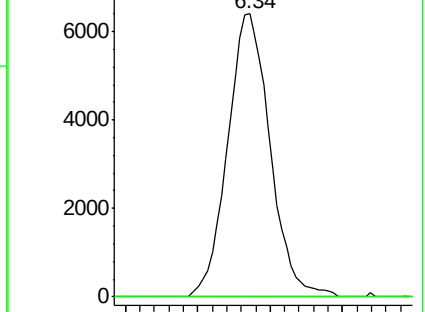
63 100

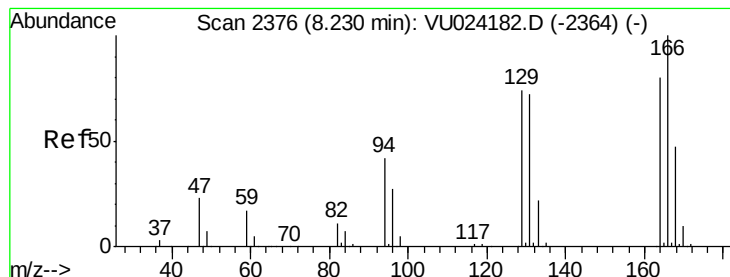
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU024182.D (-1801) (-)

Ion 112.00 (111.70 to 112.70): VU024182.D (-1801) (-)





#46

Tetrachloroethene

Concen: 2.22 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024199.D

Acq: 27 May 2018 19:39

Tgt Ion: 164 Resp: 4181

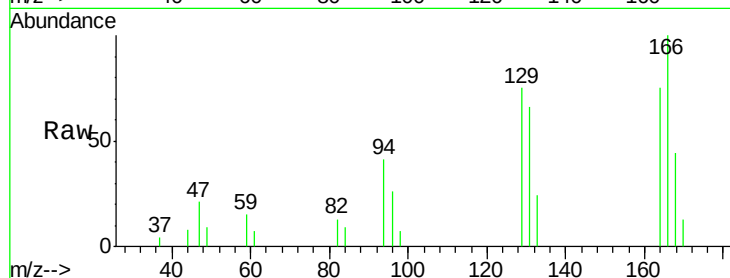
Ion Ratio Lower Upper

164 100

129 99.9 66.6 123.6

131 88.4 64.5 119.9

166 133.3 89.3 165.9

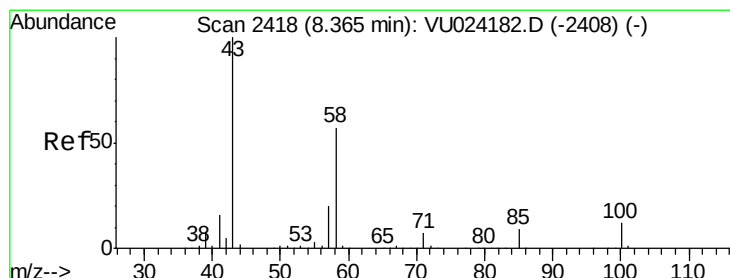
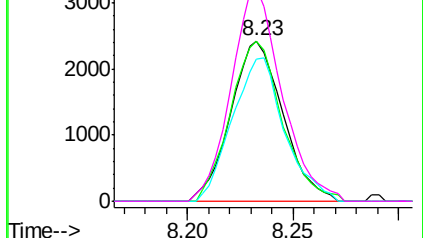
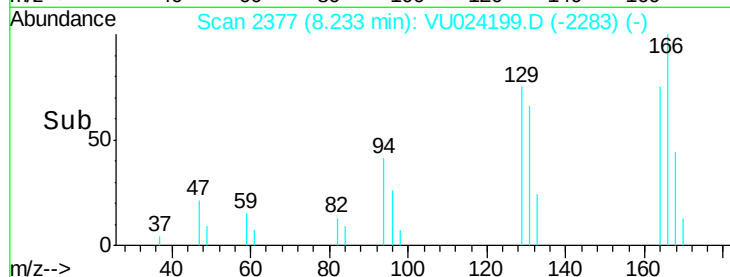


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 4.20 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU024199.D

Acq: 27 May 2018 19:39

Tgt Ion: 43 Resp: 12060

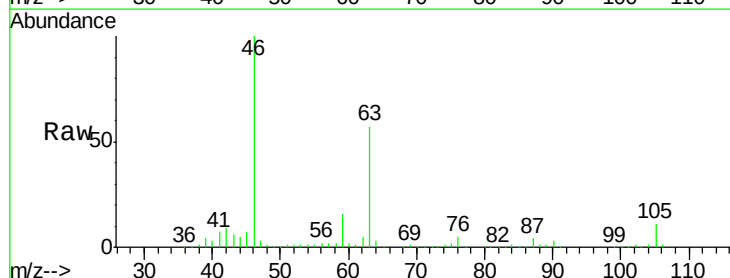
Ion Ratio Lower Upper

43 100

58 30.6 44.6 67.0#

57 32.6 15.3 22.9#

100 2.0 8.9 13.3#

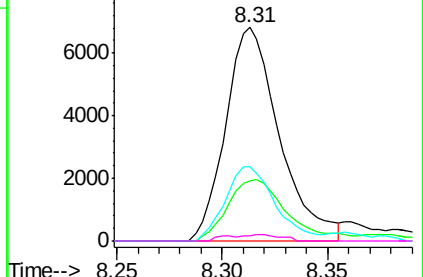
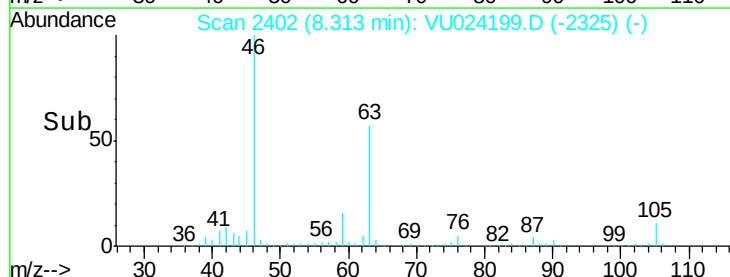


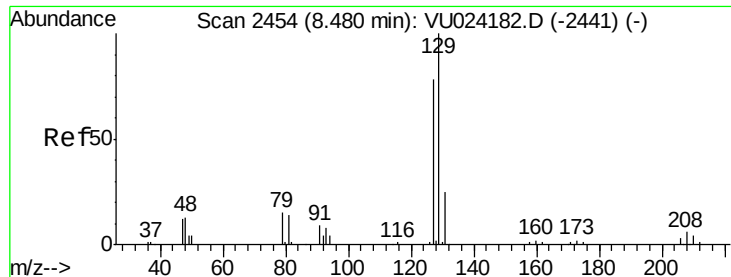
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#49

Dibromochloromethane

Concen: 1.65 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. -0.25 min

Lab File: VU024199.D

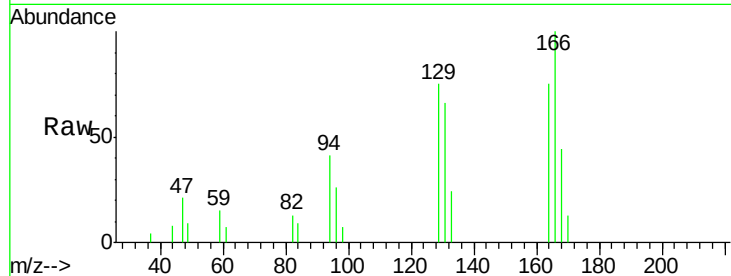
Acq: 27 May 2018 19:39

Tgt Ion: 129 Resp: 4137

Ion Ratio Lower Upper

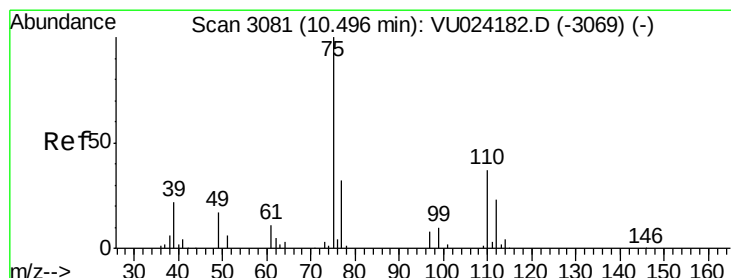
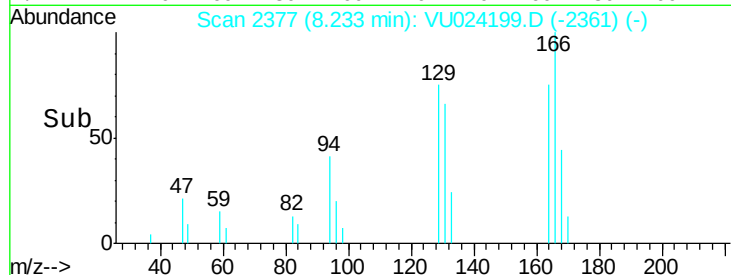
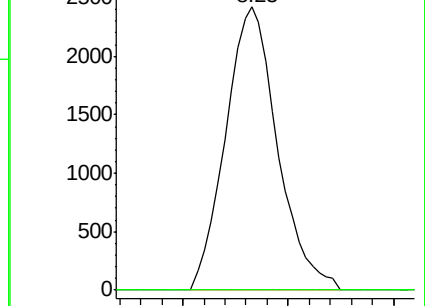
129 100

127 0.0 54.2 100.6#



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: 3.38 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024199.D

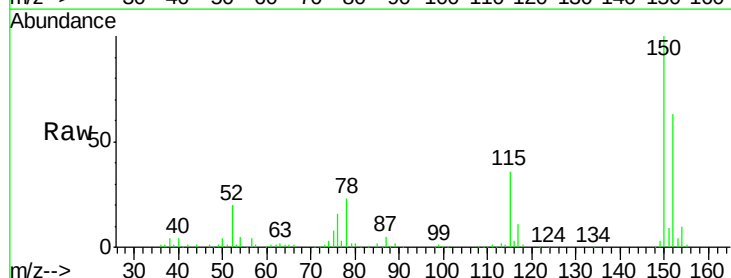
Acq: 27 May 2018 19:39

Tgt Ion: 75 Resp: 11341

Ion Ratio Lower Upper

75 100

77 35.9 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

