

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052318\
 Data File : VU024037.D
 Acq On : 23 May 2018 15:01
 Operator : MD/SY
 Sample : J3081-02 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 24 04:16:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 24 04:14:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	278394	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	289992	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	123080	50.00	ug/L	0.00

System Monitoring Compounds

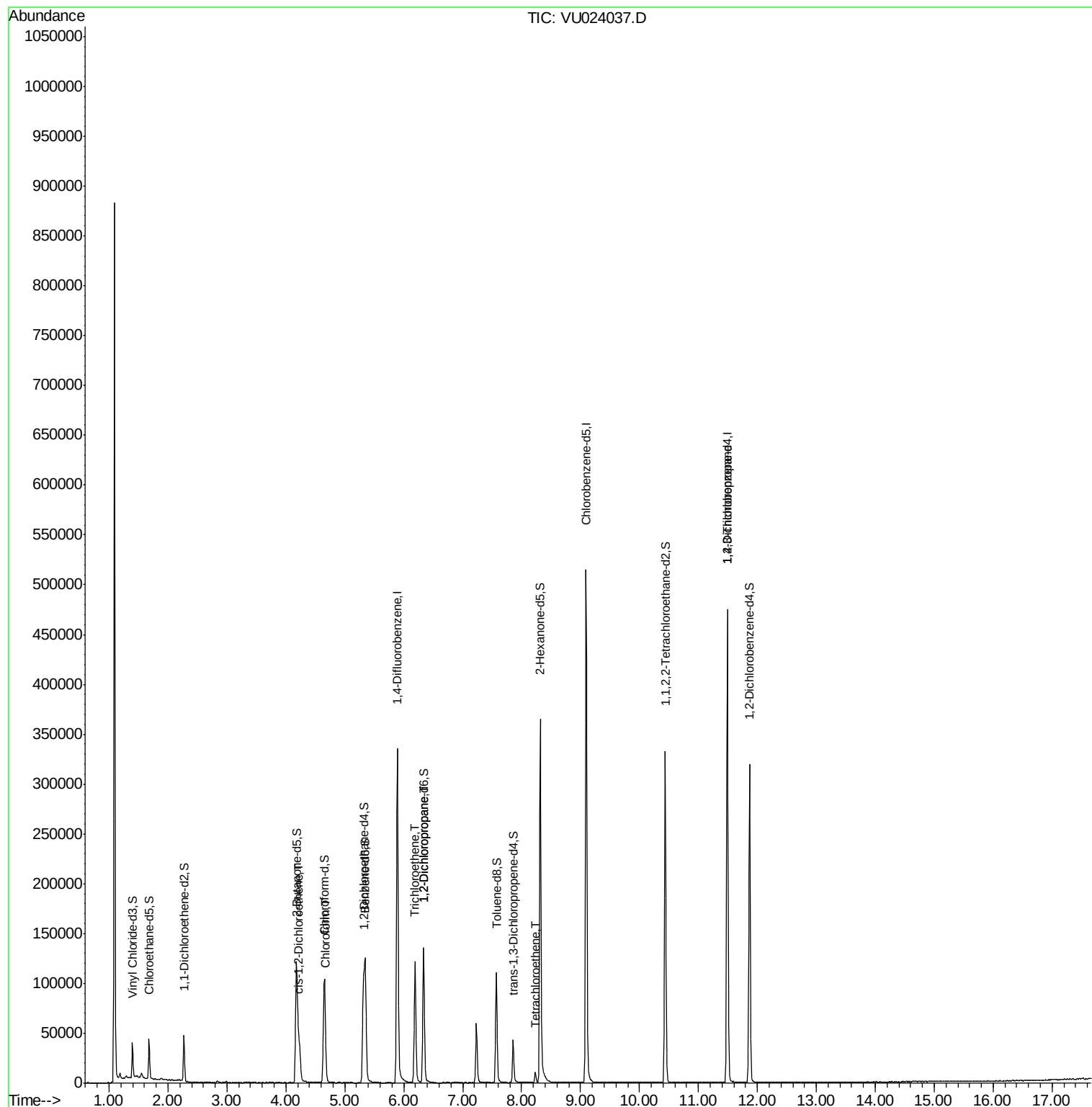
4) Vinyl Chloride-d3	1.40	65	21904	8.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	16.94%#
7) Chloroethane-d5	1.68	69	28235	13.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	27.70%#
11) 1,1-Dichloroethene-d2	2.27	63	27387	5.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	11.54%#
21) 2-Butanone-d5	4.18	46	193595	107.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.54%
24) Chloroform-d	4.65	84	102660	26.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	52.00%#
26) 1,2-Dichloroethane-d4	5.32	65	74763	28.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	57.56%#
32) Benzene-d6	5.35	84	121196	14.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	28.64%#
36) 1,2-Dichloropropane-d6	6.34	67	68484	23.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	47.90%#
41) Toluene-d8	7.57	98	75086	9.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	19.26%#
43) trans-1,3-Dichloropropene-	7.86	79	24599	20.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	40.90%#
47) 2-Hexanone-d5	8.32	63	120406	91.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.36%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	167015	41.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.96%
64) 1,2-Dichlorobenzene-d4	11.87	152	85261	32.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	64.14%#

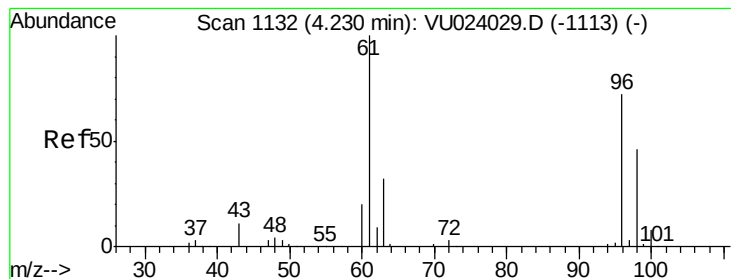
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.23	96	16307	6.81	ug/L	98
25) Chloroform	4.68	83	4642	1.05	ug/L	99
34) Trichloroethene	6.19	95	42987	17.67	ug/L	97
37) 1,2-Dichloropropane	6.34	63	7222	2.56	ug/L #	88
46) Tetrachloroethene	8.23	164	2550	1.28	ug/L	91
59) 1,2,3-Trichloropropane	11.49	75	15144	4.13	ug/L	92

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

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052318\
Data File : VU024037.D
Acq On : 23 May 2018 15:01
Operator : MD/SY
Sample : J3081-02 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 24 04:16:29 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 24 04:14:38 2018
Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 6.81 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU024037.D

Acq: 23 May 2018 15:01

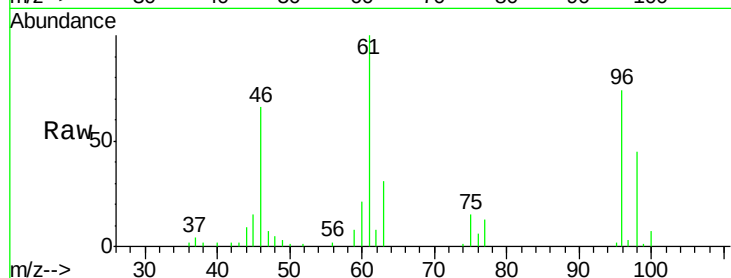
Tgt Ion: 96 Resp: 16307

Ion Ratio Lower Upper

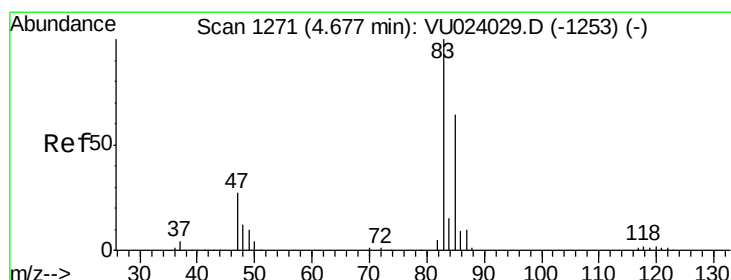
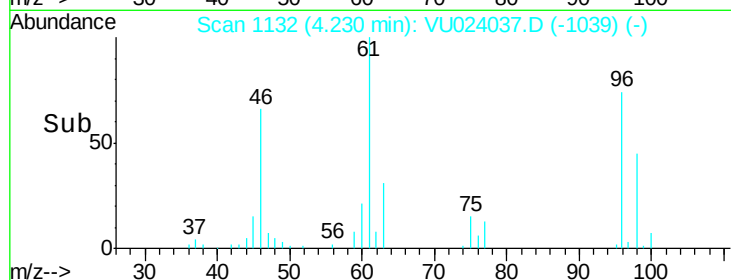
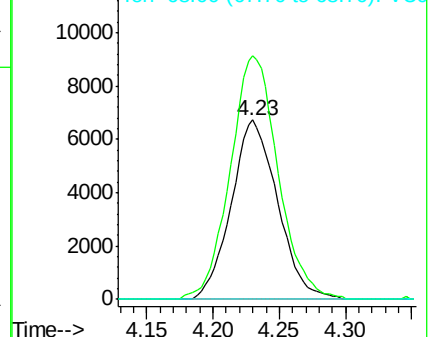
96 100

61 135.8 93.3 173.3

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



#25

Chloroform

Concen: 1.05 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU024037.D

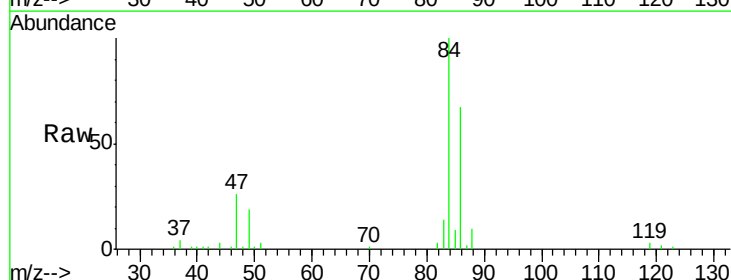
Acq: 23 May 2018 15:01

Tgt Ion: 83 Resp: 4642

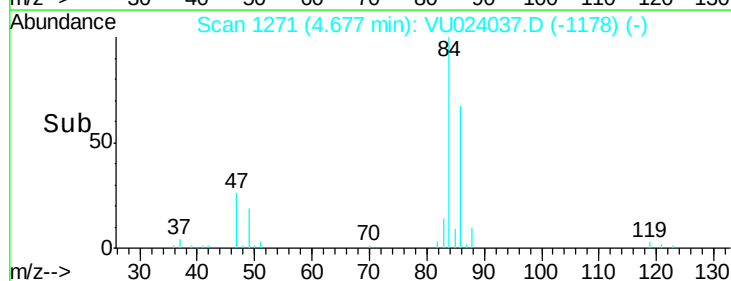
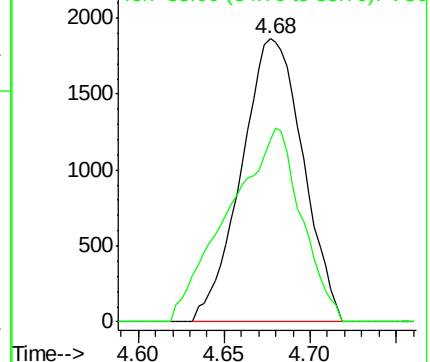
Ion Ratio Lower Upper

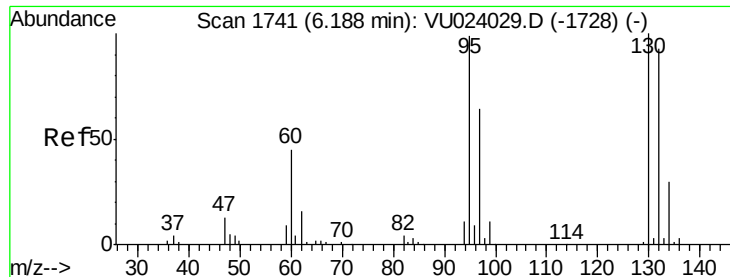
83 100

85 64.5 44.4 82.5



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 17.67 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024037.D

Acq: 23 May 2018 15:01

Tgt Ion: 95 Resp: 42987

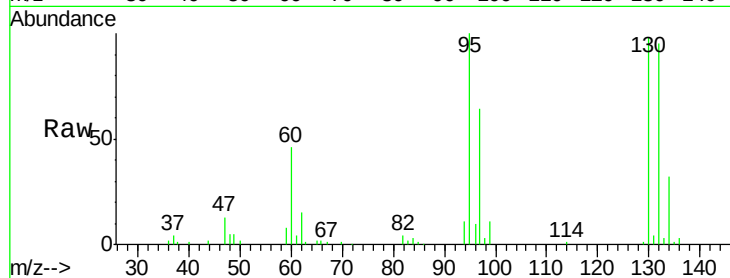
Ion Ratio Lower Upper

95 100

97 64.3 45.4 84.2

132 95.4 69.0 128.1

130 98.3 71.7 133.1

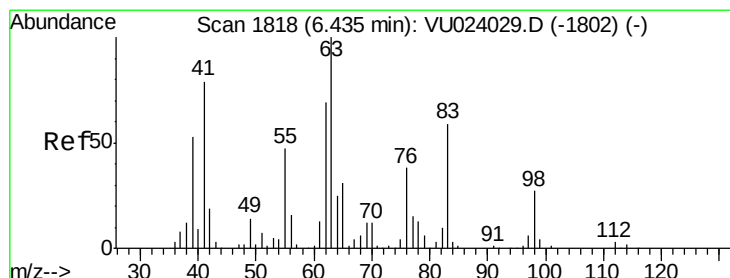
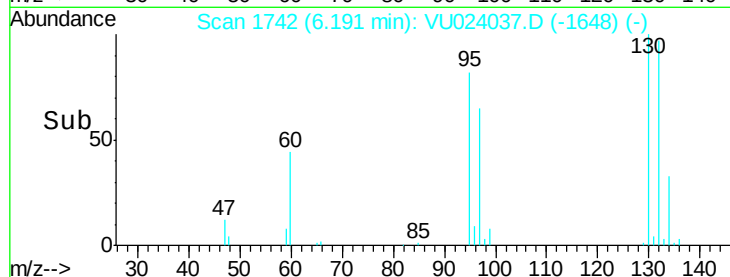
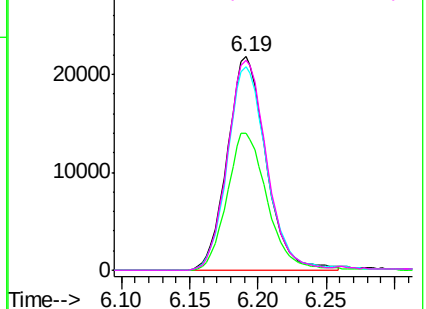


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 2.56 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU024037.D

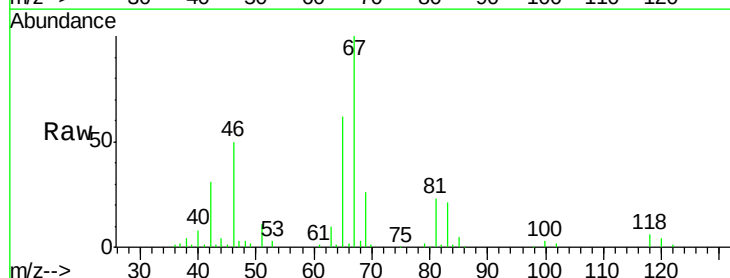
Acq: 23 May 2018 15:01

Tgt Ion: 63 Resp: 7222

Ion Ratio Lower Upper

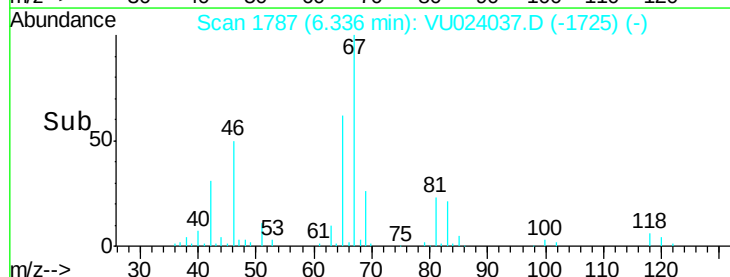
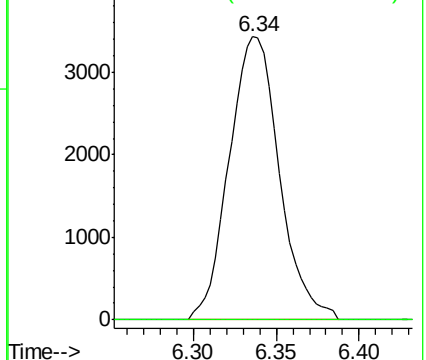
63 100

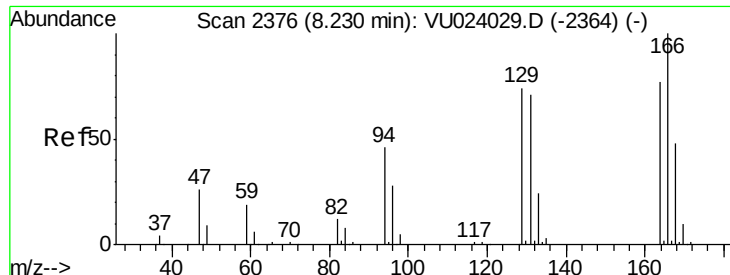
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 1.28 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU024037.D

Acq: 23 May 2018 15:01

Tgt Ion:164 Resp: 2550

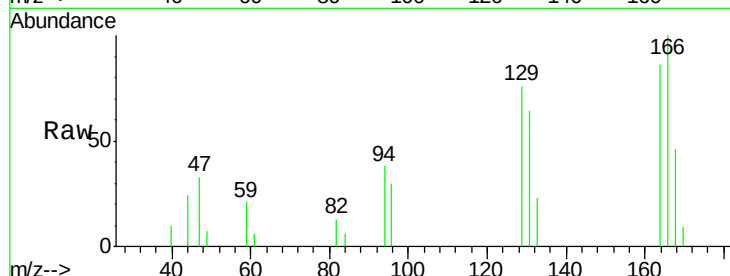
Ion Ratio Lower Upper

164 100

129 88.7 65.3 121.3

131 75.0 63.0 117.0

166 116.7 87.4 162.2

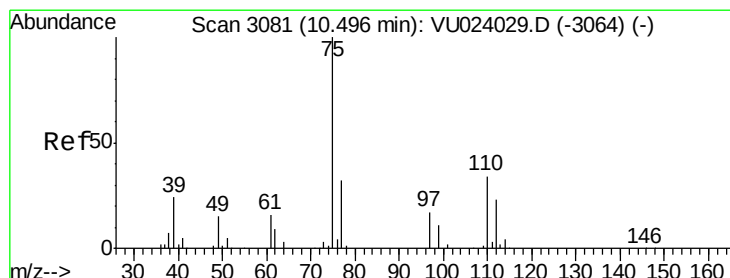
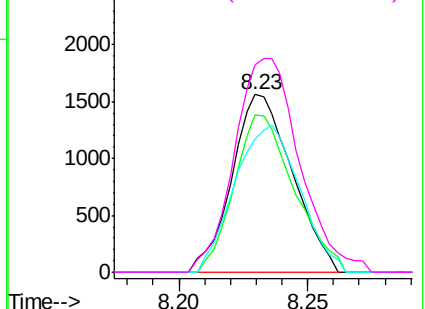
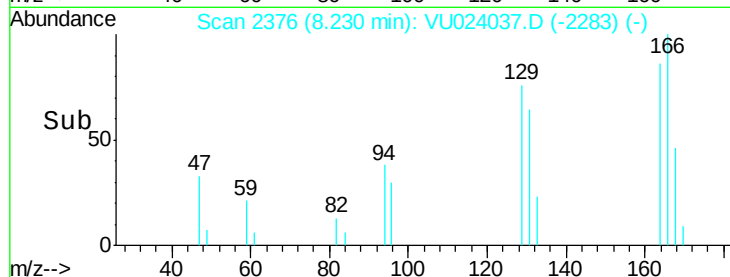


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 4.13 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU024037.D

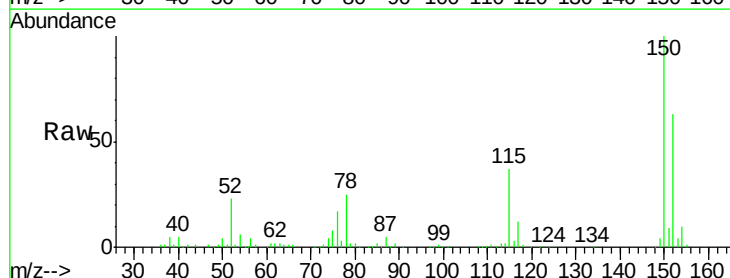
Acq: 23 May 2018 15:01

Tgt Ion: 75 Resp: 15144

Ion Ratio Lower Upper

75 100

77 37.2 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

