

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024172.D
 Acq On : 27 May 2018 02:25
 Operator : MD/SY
 Sample : J3092-05 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: May 28 02:21:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 02:19:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	291981	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	273153	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	95915	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76646	34.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.06%
7) Chloroethane-d5	1.68	69	69123	39.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.44%
11) 1,1-Dichloroethene-d2	2.27	63	114092	27.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.26%#
21) 2-Butanone-d5	4.18	46	172332	97.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.66%
24) Chloroform-d	4.65	84	170666	42.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.82%
26) 1,2-Dichloroethane-d4	5.31	65	112289	44.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.12%
32) Benzene-d6	5.35	84	321365	42.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.02%
36) 1,2-Dichloropropane-d6	6.34	67	119880	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.54%
41) Toluene-d8	7.57	98	272197	38.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.70%#
43) trans-1,3-Dichloropropene-	7.85	79	40642	39.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.90%
47) 2-Hexanone-d5	8.31	63	119700	96.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.84%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	173427	45.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.78%
64) 1,2-Dichlorobenzene-d4	11.87	152	105734	50.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.56%

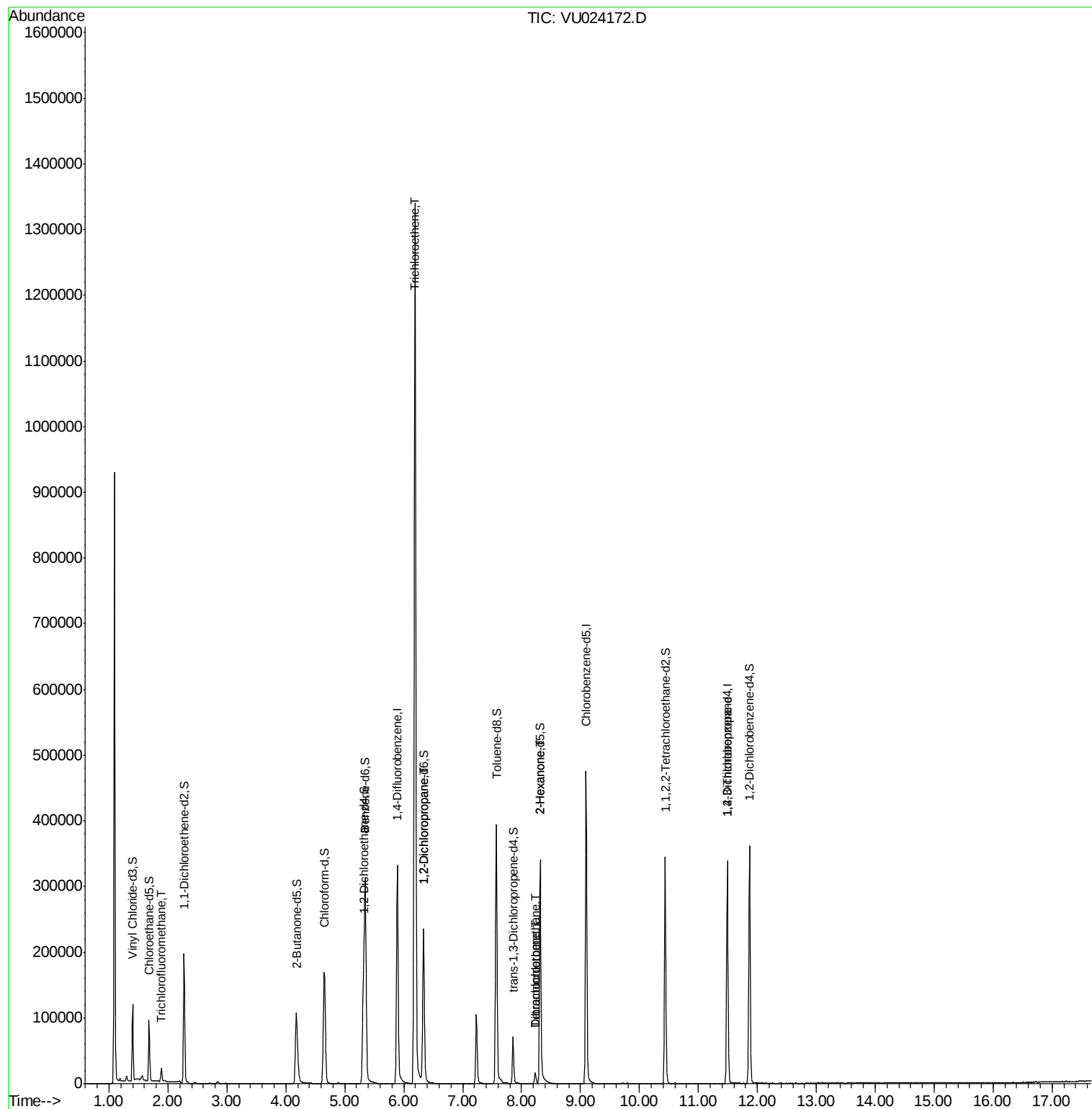
Target Compounds

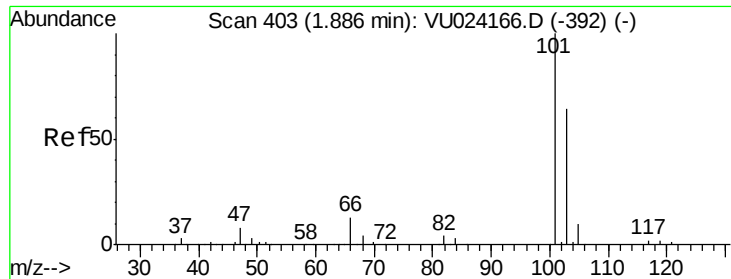
						Qvalue
9) Trichlorofluoromethane	1.89	101	11451	3.23	ug/L	98
34) Trichloroethene	6.19	95	481514	188.51	ug/L	97
37) 1,2-Dichloropropane	6.34	63	12490	4.90	ug/L #	89
46) Tetrachloroethene	8.23	164	4222	2.36	ug/L	96
48) 2-Hexanone	8.31	43	13886	5.09	ug/L #	68
49) Dibromochloromethane	8.23	129	3944	1.65	ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	10919	3.42	ug/L	90

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

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#9

Trichlorofluoromethane

Concen: 3.23 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU024172.D

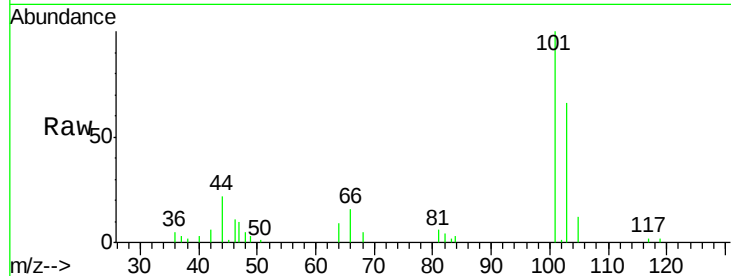
Acq: 27 May 2018 02:25

Tgt Ion: 101 Resp: 11451

Ion Ratio Lower Upper

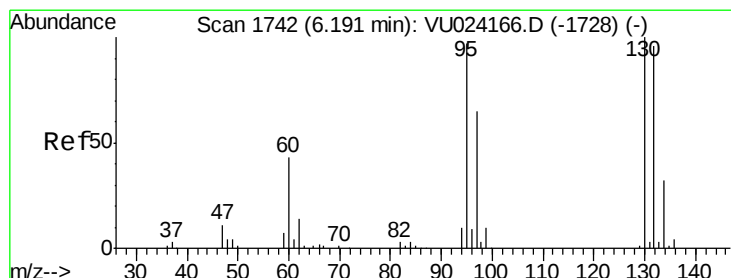
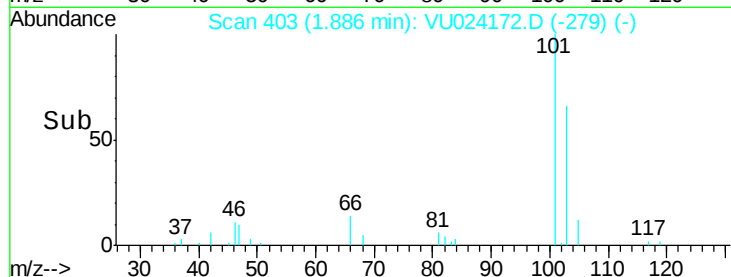
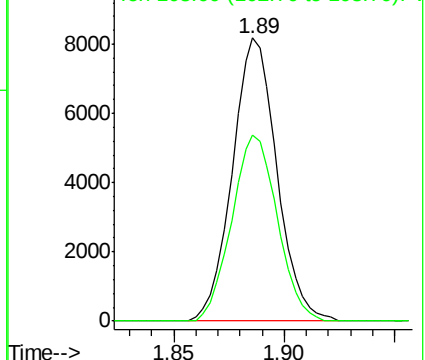
101 100

103 67.1 52.1 78.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 188.51 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024172.D

Acq: 27 May 2018 02:25

Tgt Ion: 95 Resp: 481514

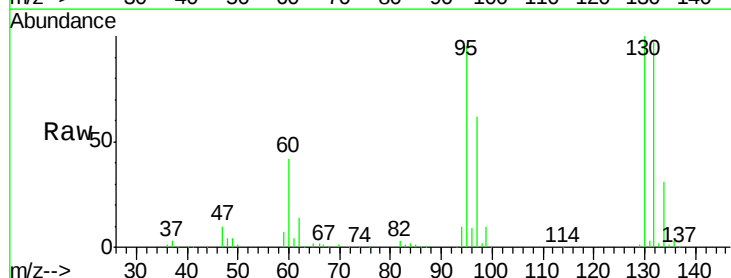
Ion Ratio Lower Upper

95 100

97 65.3 44.5 82.7

132 101.6 69.0 128.2

130 105.2 70.6 131.0

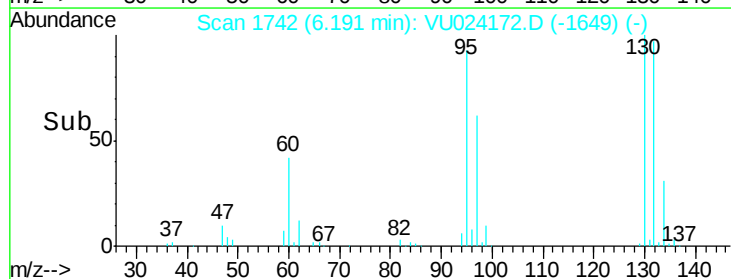
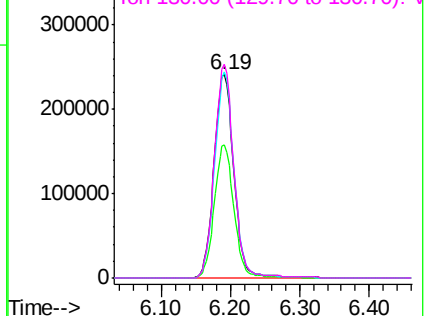


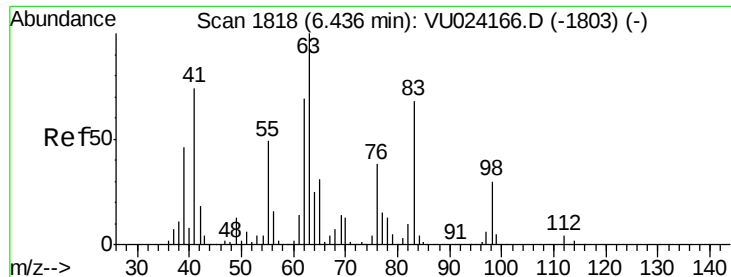
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.90 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU024172.D

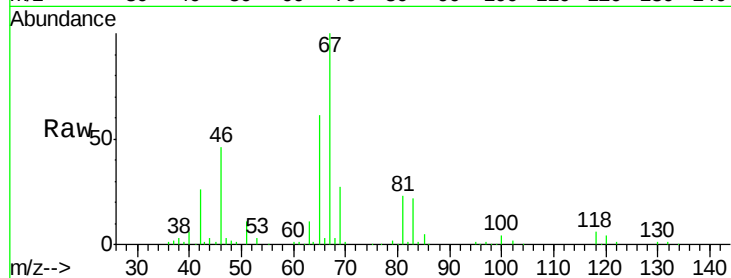
Acq: 27 May 2018 02:25

Tgt Ion: 63 Resp: 12490

Ion Ratio Lower Upper

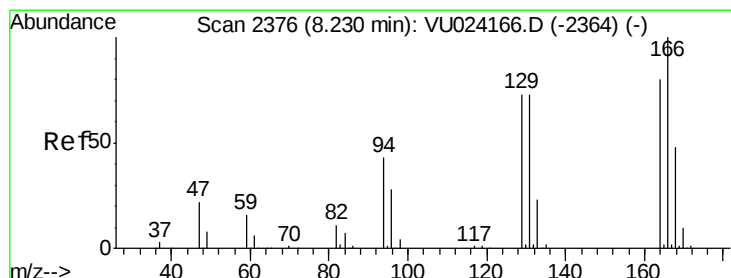
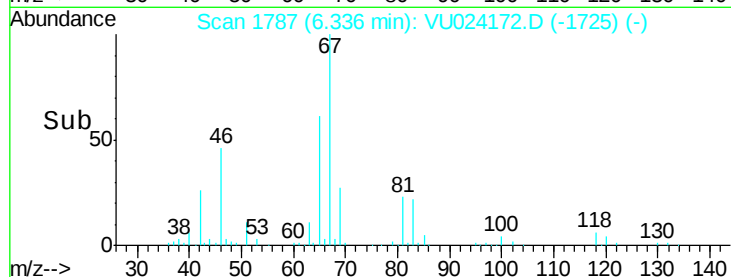
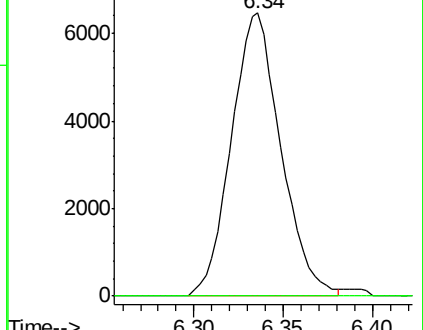
63 100

112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU024172.D (-1787) (-)

Ion 112.00 (111.70 to 112.70): VU024172.D (-1787) (-)



#46

Tetrachloroethene

Concen: 2.36 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024172.D

Acq: 27 May 2018 02:25

Tgt Ion: 164 Resp: 4222

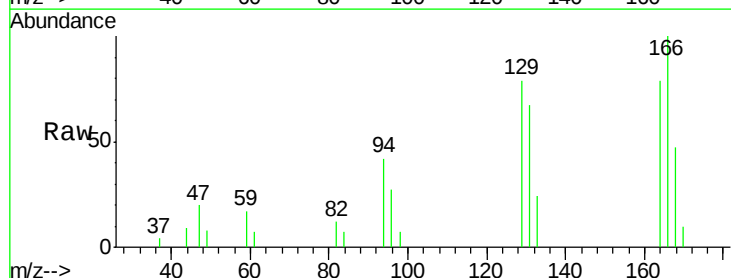
Ion Ratio Lower Upper

164 100

129 100.6 66.6 123.6

131 85.4 64.5 119.9

166 127.1 89.3 165.9

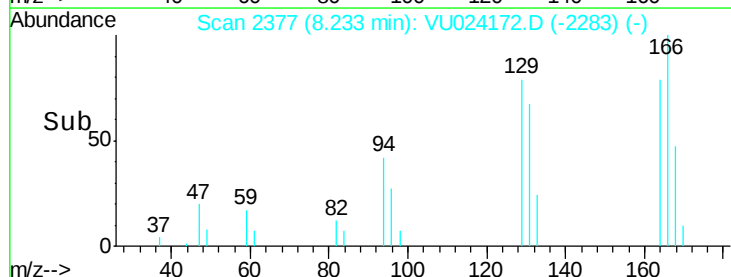
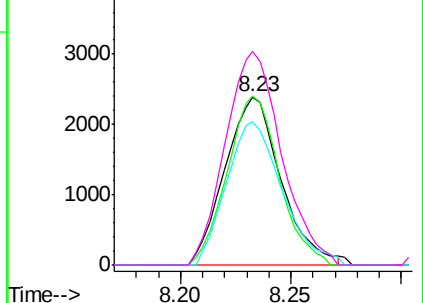


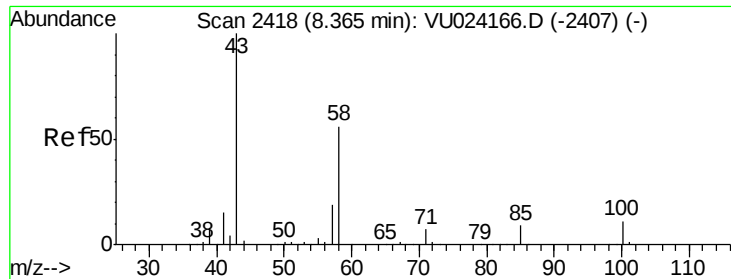
Abundance Ion 164.00 (163.70 to 164.70): VU024172.D (-2283) (-)

Ion 129.00 (128.70 to 129.70): VU024172.D (-2283) (-)

Ion 131.00 (130.70 to 131.70): VU024172.D (-2283) (-)

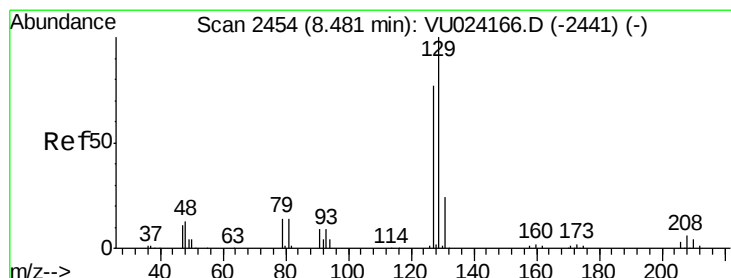
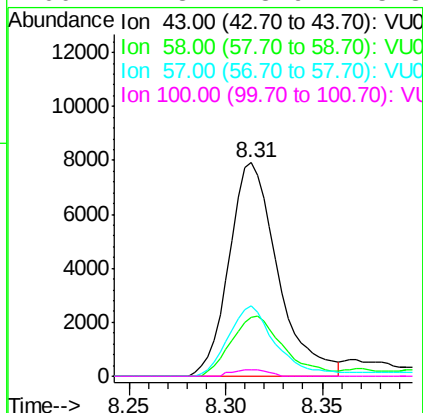
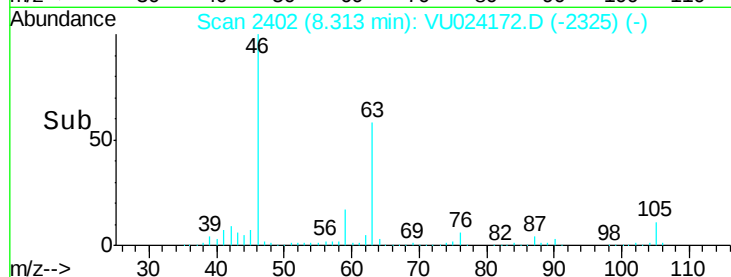
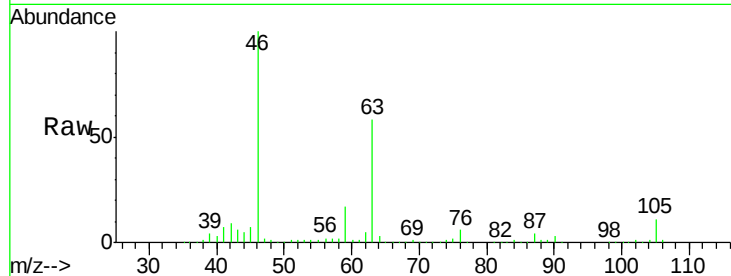
Ion 166.00 (165.70 to 166.70): VU024172.D (-2283) (-)





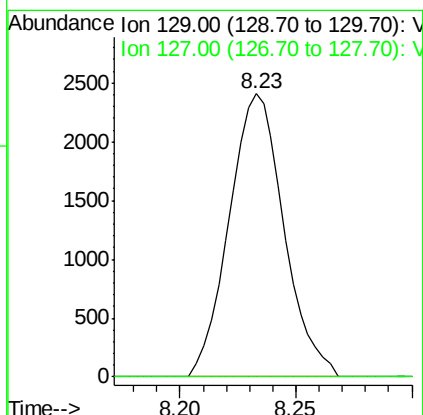
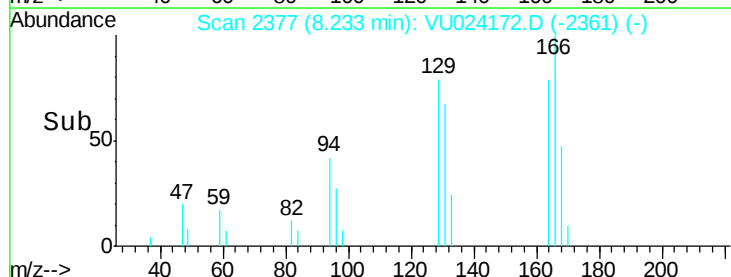
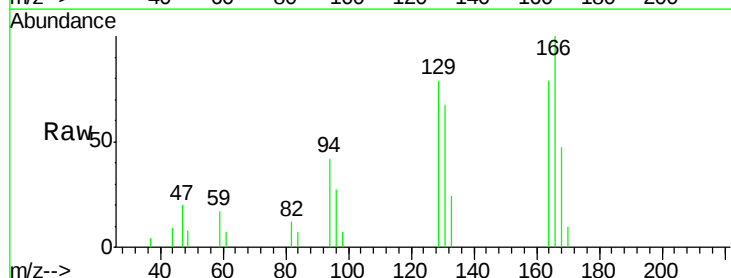
#48
2-Hexanone
Concen: 5.09 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU024172.D
Acq: 27 May 2018 02:25

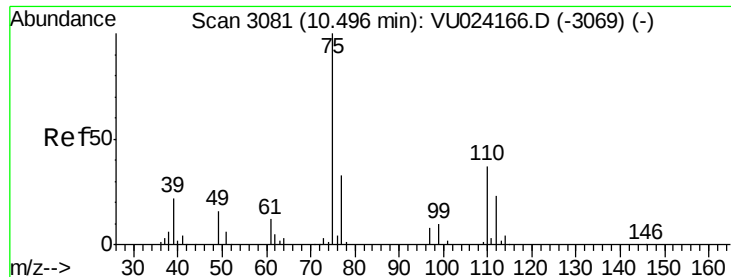
Tgt Ion:	43	Resp:	13886
Ion	Ratio	Lower	Upper
43	100		
58	30.1	44.6	67.0#
57	32.1	15.3	22.9#
100	2.3	8.9	13.3#



#49
Dibromochloromethane
Concen: 1.65 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. -0.25 min
Lab File: VU024172.D
Acq: 27 May 2018 02:25

Tgt Ion:	129	Resp:	3944
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.2	100.6#





#59

1,2,3-Trichloropropane

Concen: 3.42 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024172.D

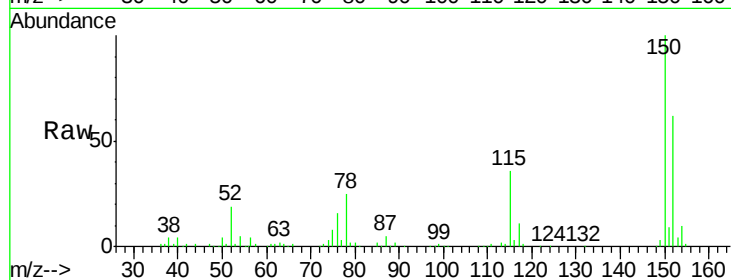
Acq: 27 May 2018 02:25

Tgt Ion: 75 Resp: 10919

Ion Ratio Lower Upper

75 100

77 37.4 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

