

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024177.D
 Acq On : 27 May 2018 09:00
 Operator : MD/SY
 Sample : J3091-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: May 28 02:23:11 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	328964	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	306667	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	119272	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	119169	47.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.30%
7) Chloroethane-d5	1.67	69	86695	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.30%
11) 1,1-Dichloroethene-d2	2.26	63	162012	34.83	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.66%
21) 2-Butanone-d5	4.19	46	155924	78.43	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.43%
24) Chloroform-d	4.65	84	200164	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.32%
26) 1,2-Dichloroethane-d4	5.31	65	133414	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
32) Benzene-d6	5.34	84	417825	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.46%
36) 1,2-Dichloropropane-d6	6.33	67	139597	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.98%
41) Toluene-d8	7.57	98	353424	44.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.86%
43) trans-1,3-Dichloropropene-	7.86	79	51960	44.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.84%
47) 2-Hexanone-d5	8.33	63	106915	77.04	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.04%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	181318	42.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.46%
64) 1,2-Dichlorobenzene-d4	11.87	152	123156	47.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.18%

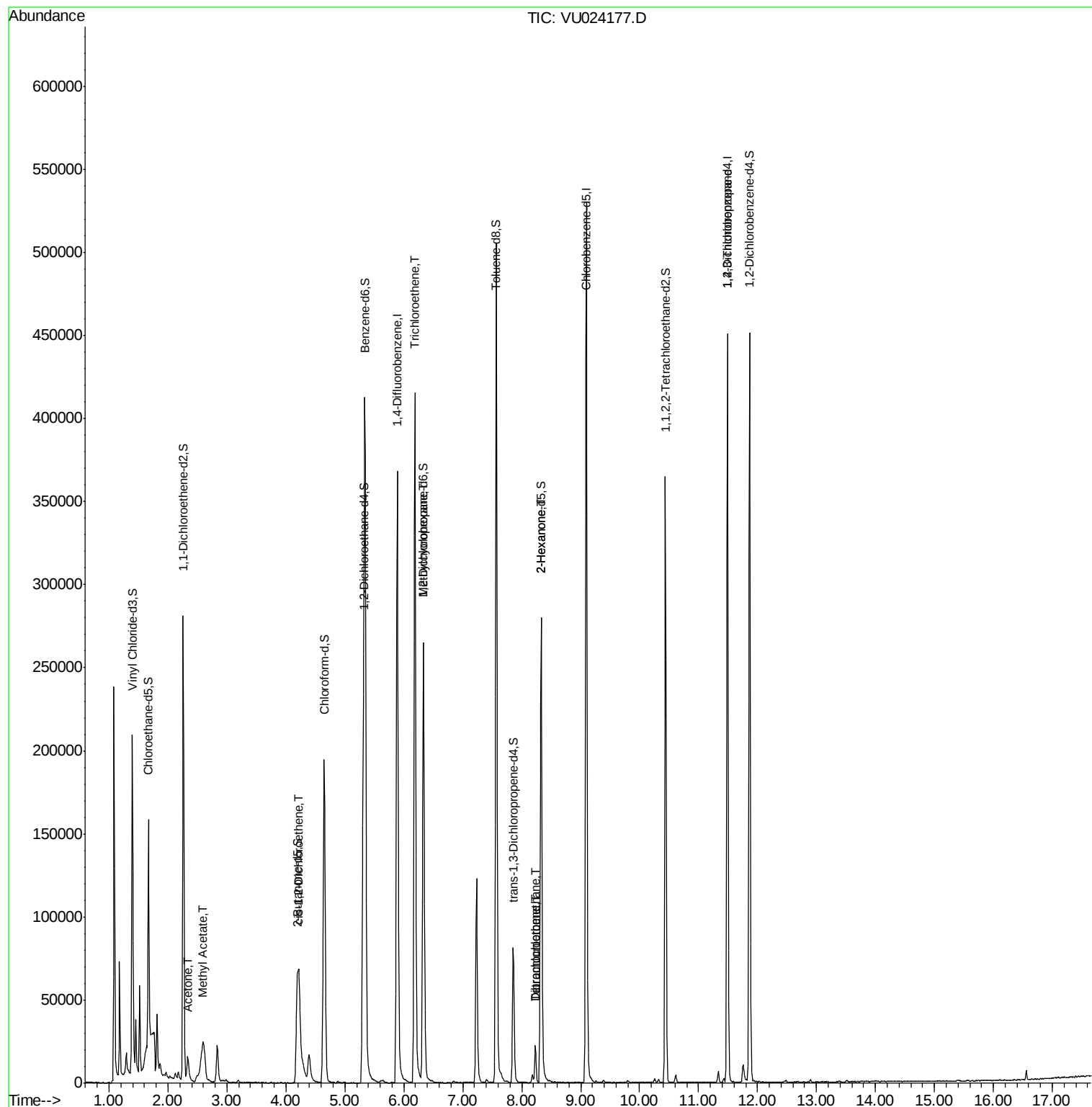
Target Compounds

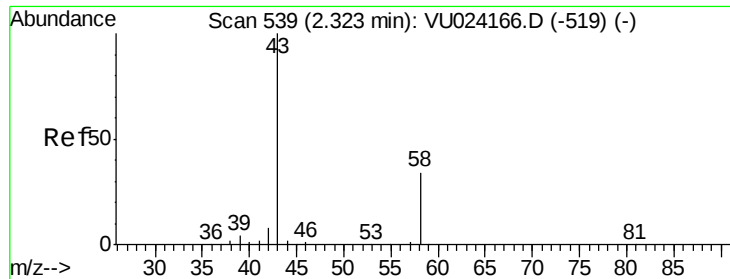
						Qvalue
13) Acetone	2.34	43	20970	12.10	ug/L	100
15) Methyl Acetate	2.59	43	7735	2.45	ug/L	# 61
20) cis-1,2-Dichloroethene	4.22	96	18428	6.96	ug/L	91
34) Trichloroethene	6.19	95	151901	52.97	ug/L	98
35) Methylcyclohexane	6.33	83	31696	7.99	ug/L	# 18
46) Tetrachloroethene	8.23	164	5498	2.74	ug/L	94
48) 2-Hexanone	8.33	43	13129	4.29	ug/L	# 66
49) Dibromochloromethane	8.23	129	5075	1.90	ug/L	# 11
59) 1,2,3-Trichloropropane	11.49	75	14038	3.92	ug/L	93

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

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
Data File : VU024177.D
Acq On : 27 May 2018 09:00
Operator : MD/SY
Sample : J3091-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Quant Time: May 28 02:23:11 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





#13

Acetone

Concen: 12.10 ug/L

RT: 2.34 min Scan# 543

Delta R.T. 0.01 min

Lab File: VU024177.D

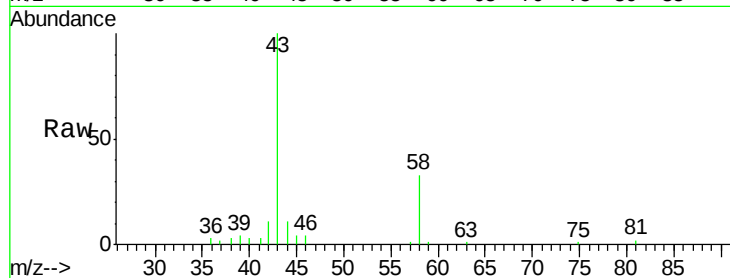
Acq: 27 May 2018 09:00

Tgt Ion: 43 Resp: 20970

Ion Ratio Lower Upper

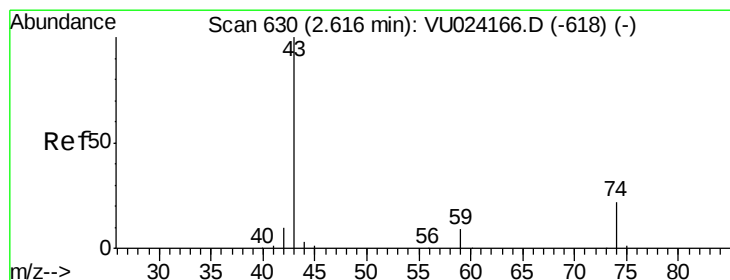
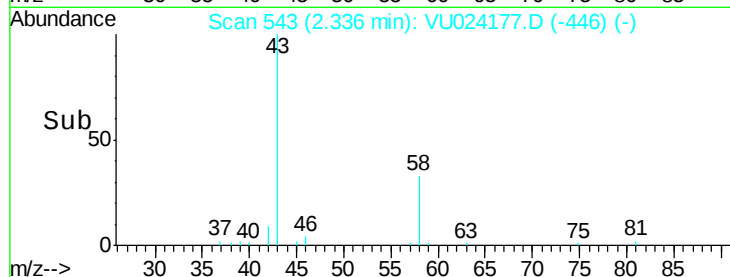
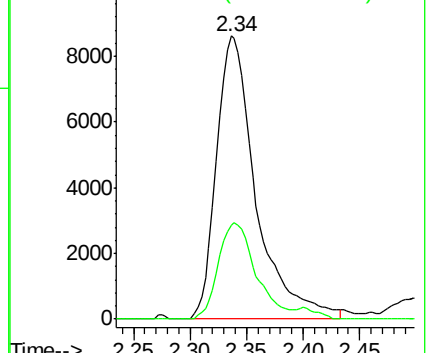
43 100

58 32.4 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#15

Methyl Acetate

Concen: 2.45 ug/L

RT: 2.59 min Scan# 621

Delta R.T. -0.03 min

Lab File: VU024177.D

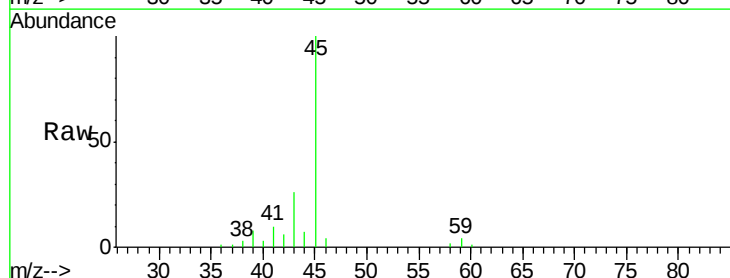
Acq: 27 May 2018 09:00

Tgt Ion: 43 Resp: 7735

Ion Ratio Lower Upper

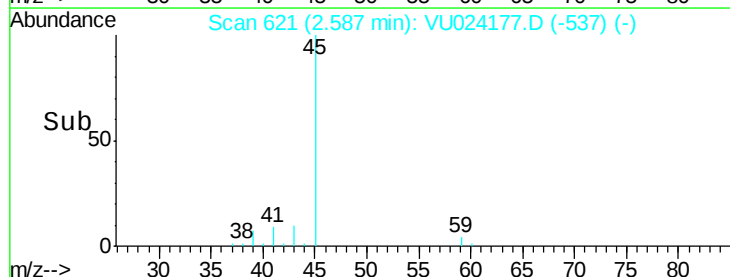
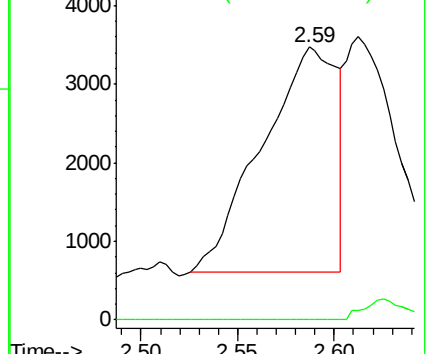
43 100

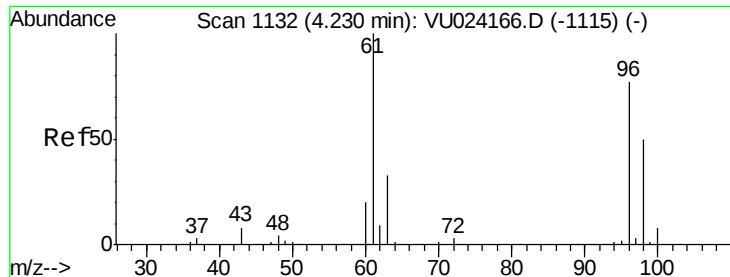
74 4.2 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 6.96 ug/L

RT: 4.22 min Scan# 1130

Delta R.T. -0.01 min

Lab File: VU024177.D

Acq: 27 May 2018 09:00

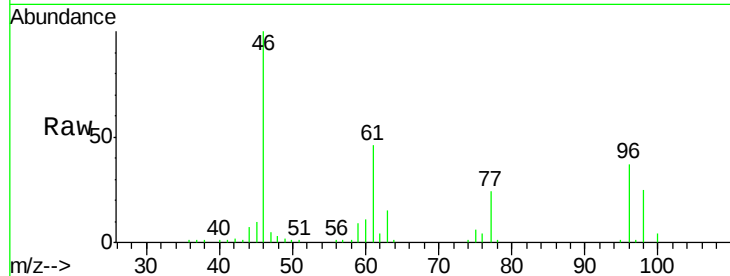
Tgt Ion: 96 Resp: 18428

Ion Ratio Lower Upper

96 100

61 125.0 94.8 176.0

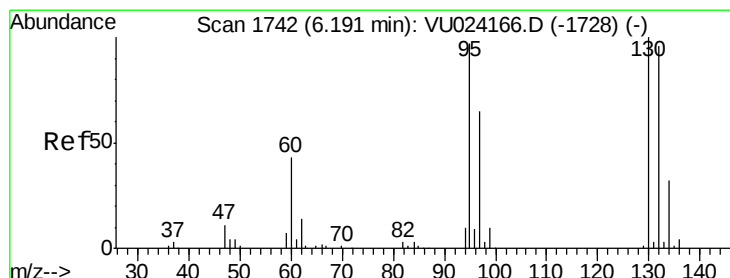
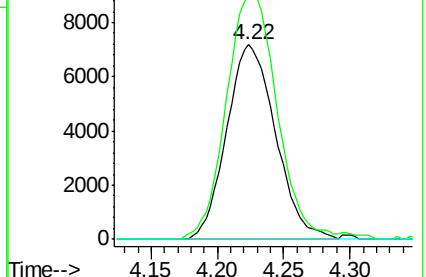
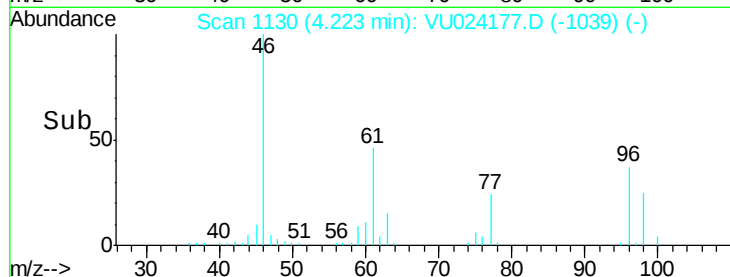
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU024177.D (-1649) (-)

Ion 61.00 (60.70 to 61.70): VU024177.D (-1649) (-)

Ion 68.00 (67.70 to 68.70): VU024177.D (-1649) (-)



#34

Trichloroethene

Concen: 52.97 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU024177.D

Acq: 27 May 2018 09:00

Tgt Ion: 95 Resp: 151901

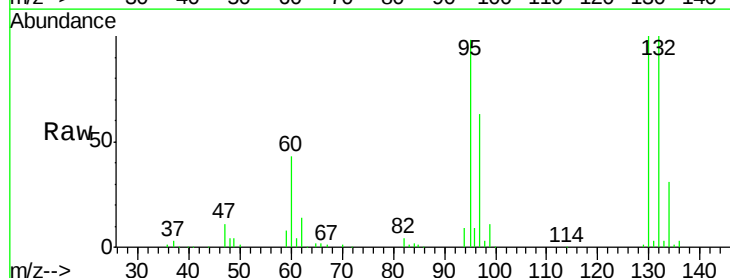
Ion Ratio Lower Upper

95 100

97 63.8 44.5 82.7

132 101.6 69.0 128.2

130 101.9 70.6 131.0

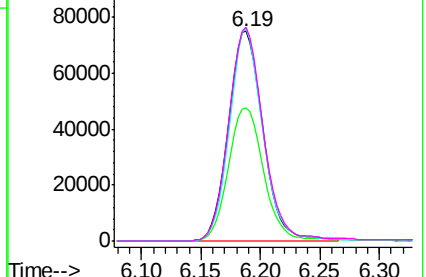
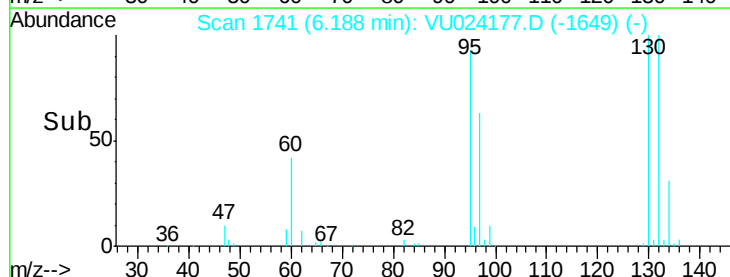


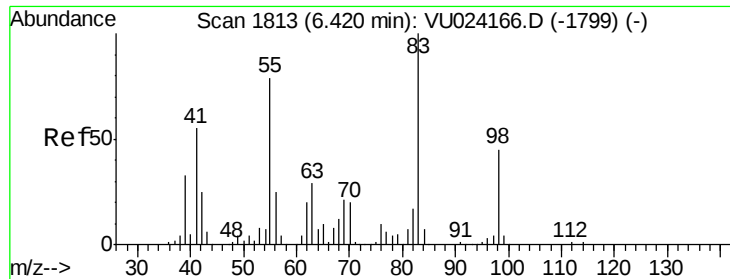
Abundance Ion 95.00 (94.70 to 95.70): VU024177.D (-1649) (-)

Ion 97.00 (96.70 to 97.70): VU024177.D (-1649) (-)

Ion 132.00 (131.70 to 132.70): VU024177.D (-1649) (-)

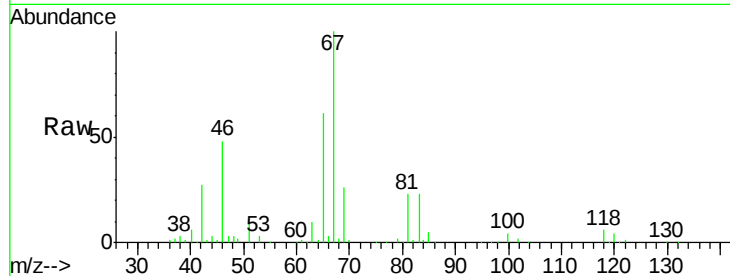
Ion 130.00 (129.70 to 130.70): VU024177.D (-1649) (-)





#35
Methylcyclohexane
Concen: 7.99 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU024177.D
Acq: 27 May 2018 09:00

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	64.1	96.1#
98	0.9	35.8	53.8#

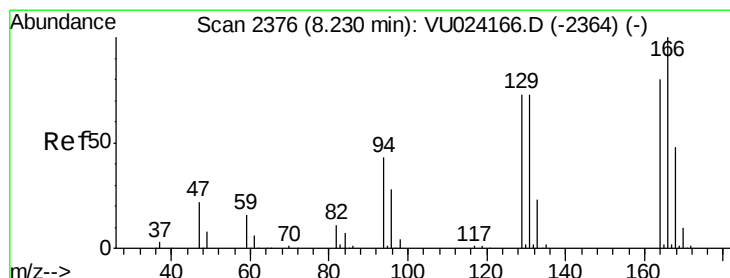
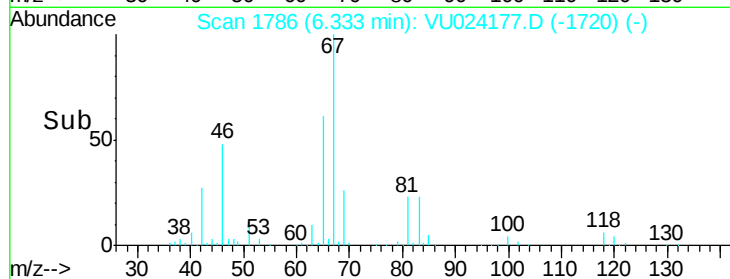
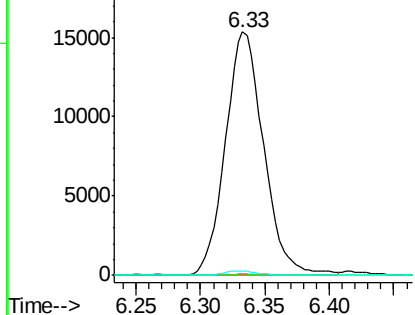


Abundance

Ion 83.00 (82.70 to 83.70): VU024177.D (-1786) (-)

Ion 55.00 (54.70 to 55.70): VU024177.D (-1786) (-)

Ion 98.00 (97.70 to 98.70): VU024177.D (-1786) (-)



#46
Tetrachloroethene
Concen: 2.74 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024177.D
Acq: 27 May 2018 09:00

Tgt Ion	Ratio	Lower	Upper
164	100		
129	90.4	66.6	123.6
131	80.8	64.5	119.9
166	130.3	89.3	165.9

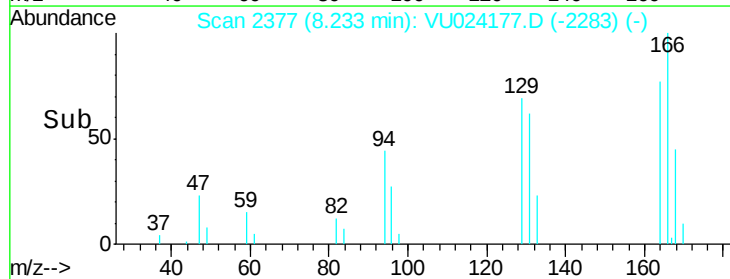
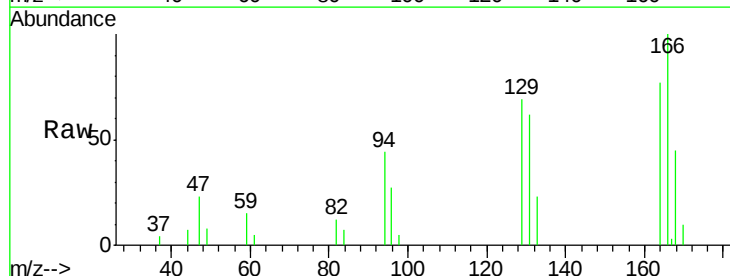
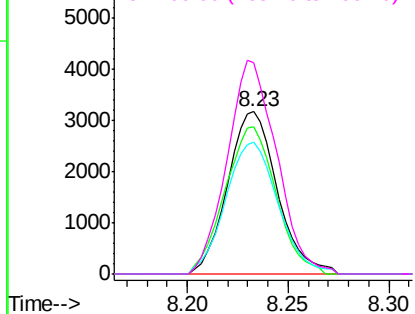
Abundance

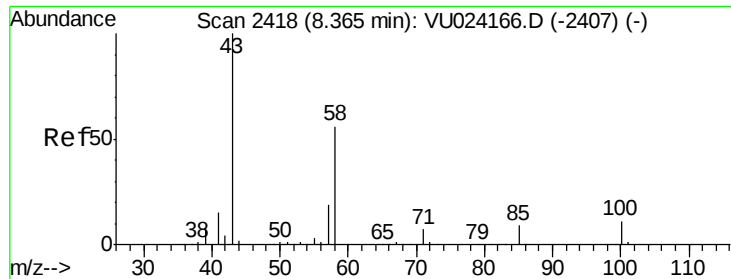
Ion 164.00 (163.70 to 164.70): VU024177.D (-2283) (-)

Ion 129.00 (128.70 to 129.70): VU024177.D (-2283) (-)

Ion 131.00 (130.70 to 131.70): VU024177.D (-2283) (-)

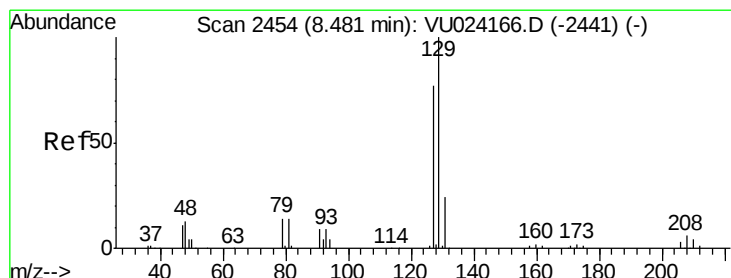
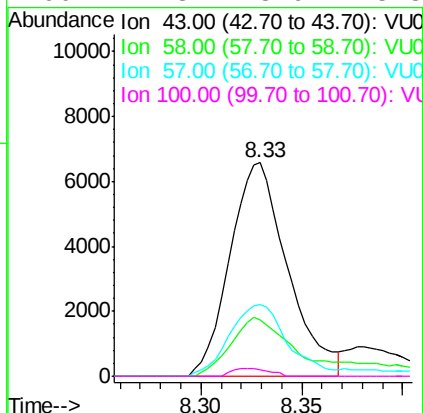
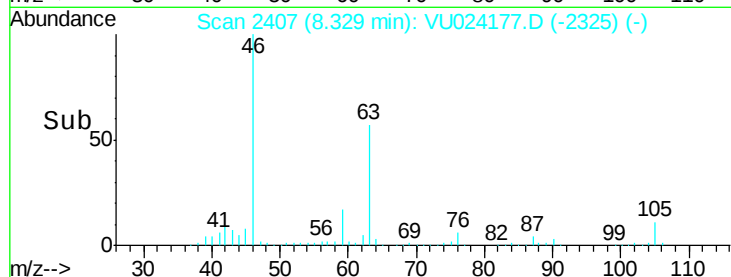
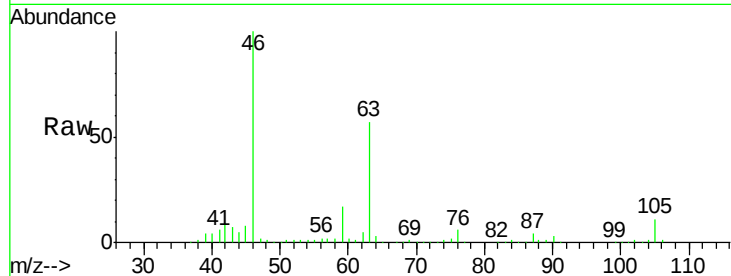
Ion 166.00 (165.70 to 166.70): VU024177.D (-2283) (-)





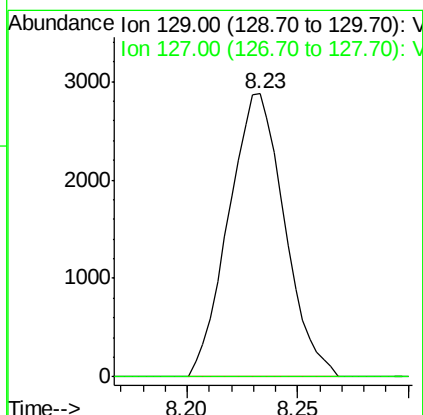
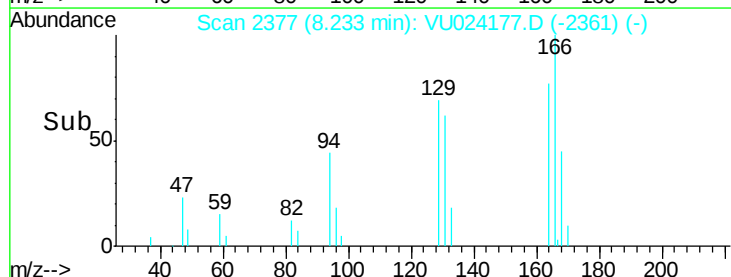
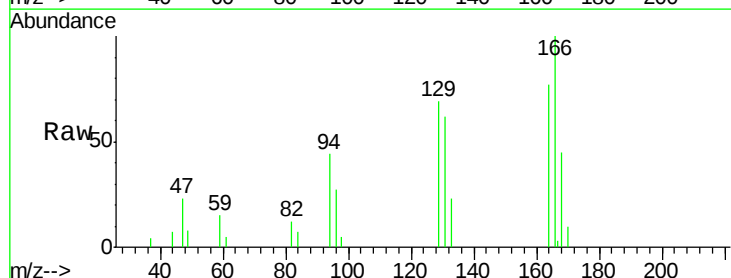
#48
2-Hexanone
Concen: 4.29 ug/L
RT: 8.33 min Scan# 2407
Delta R.T. -0.04 min
Lab File: VU024177.D
Acq: 27 May 2018 09:00

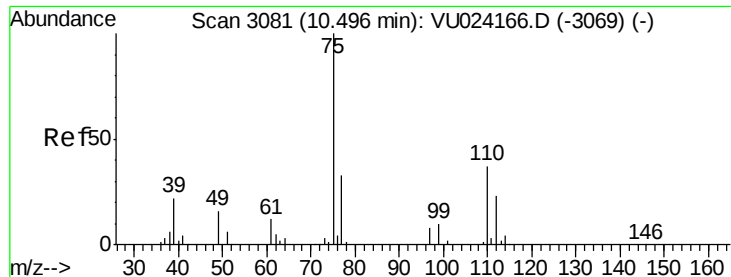
Tgt Ion: 43 Resp: 13129
Ion Ratio Lower Upper
43 100
58 29.1 44.6 67.0#
57 33.7 15.3 22.9#
100 2.3 8.9 13.3#



#49
Dibromochloromethane
Concen: 1.90 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. -0.25 min
Lab File: VU024177.D
Acq: 27 May 2018 09:00

Tgt Ion: 129 Resp: 5075
Ion Ratio Lower Upper
129 100
127 0.0 54.2 100.6#





#59

1,2,3-Trichloropropane

Concen: 3.92 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024177.D

Acq: 27 May 2018 09:00

Tgt Ion: 75 Resp: 14038

Ion Ratio Lower Upper

75 100

77 36.0 25.5 38.3

