

Data File : VU023628.D
Acq On : 04 May 2018 03:36
Operator : MD/SY
Sample : J2630-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 04 04:48:40 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 04:44:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	139718	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	142262	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	59415	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43624	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.68	69	37262	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.27	63	61145	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.20	46	141490	48.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.52%
24) Chloroform-d	4.65	84	87123	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.32	65	47693	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.34	84	169884	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.34	67	59233	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.57	98	137027	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	7.86	79	11126	2.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	48.60%#
46) 2-Hexanone-d5	8.32	63	92883	39.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.16%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	48390	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.87	152	56497	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

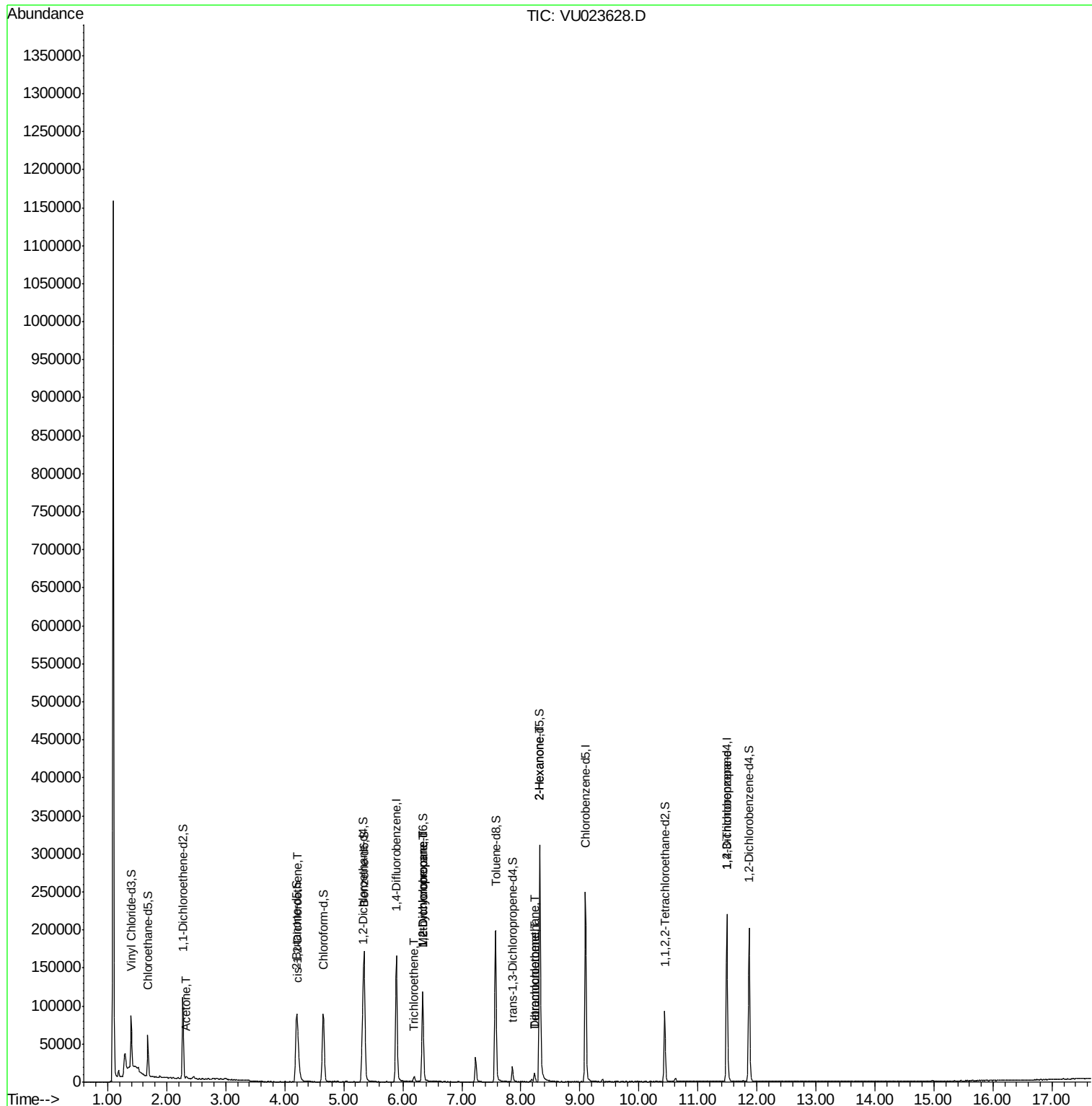
Target Compounds

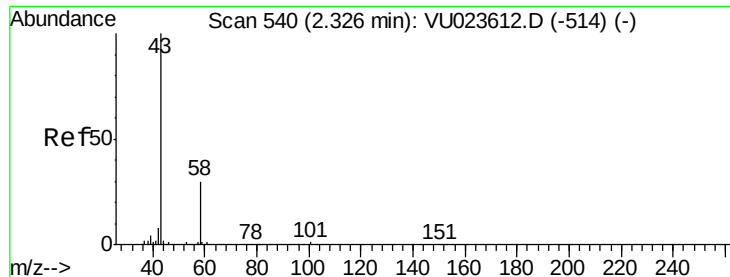
						Qvalue
13) Acetone	2.33	43	1952	1.17	ug/L	95
22) cis-1,2-Dichloroethene	4.23	96	9369	0.87	ug/L	99
34) Trichloroethene	6.19	95	2631	0.24	ug/L	90
35) Methylcyclohexane	6.34	83	13032	0.77	ug/L #	15
37) 1,2-Dichloropropane	6.34	63	5735	0.48	ug/L #	89
47) Tetrachloroethene	8.23	164	2851	0.32	ug/L	95
48) 2-Hexanone	8.32	43	13854	2.63	ug/L #	87
49) Dibromochloromethane	8.23	129	2519	0.29	ug/L #	9
59) 1,2,3-Trichloropropane	11.49	75	7378	1.05	ug/L	93

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

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#13

Acetone

Concen: 1.17 ug/L

RT: 2.33 min Scan# 540

Delta R.T. -0.00 min

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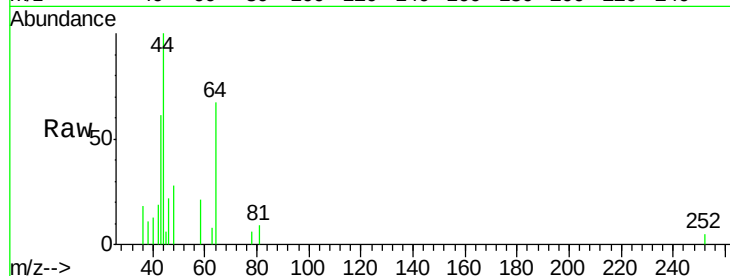
Acq: 04 May 2018 03:36

Tgt Ion: 43 Resp: 1952

Ion Ratio Lower Upper

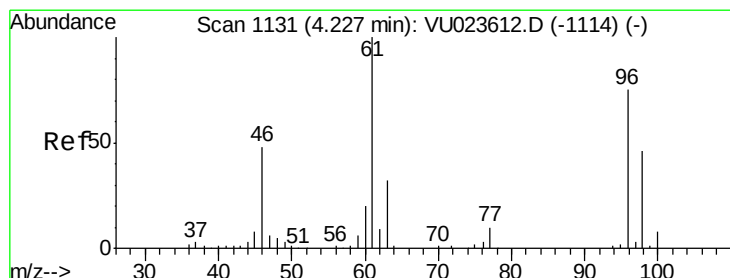
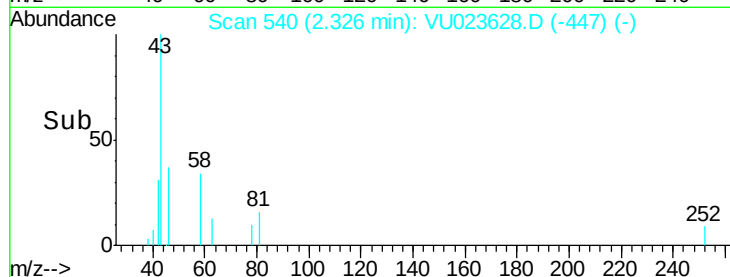
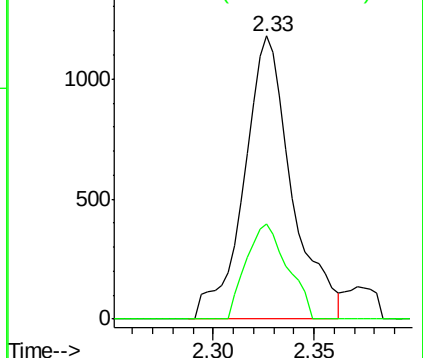
43 100

58 29.2 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.87 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU023628.D

Acq: 04 May 2018 03:36

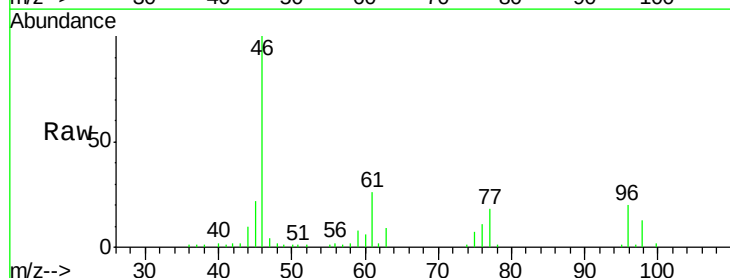
Tgt Ion: 96 Resp: 9369

Ion Ratio Lower Upper

96 100

61 133.8 94.6 175.6

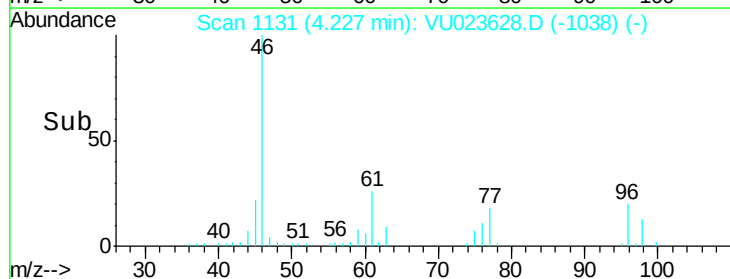
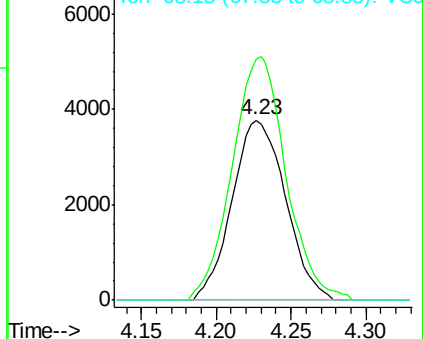
68 0.0 0.0 0.0

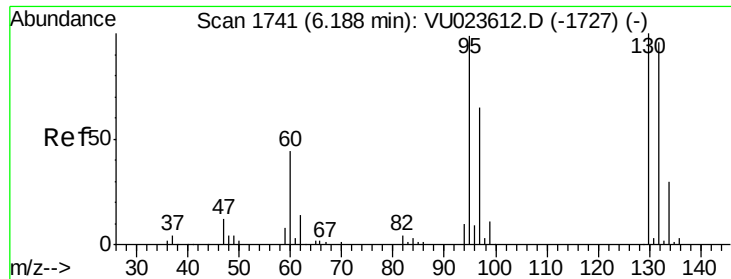


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 0.24 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023628.D

Acq: 04 May 2018 03:36

Tgt Ion: 95 Resp: 2631

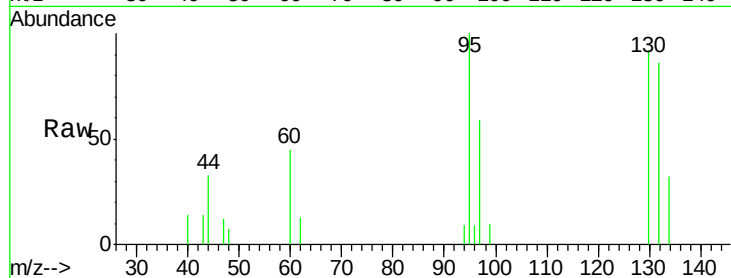
Ion Ratio Lower Upper

95 100

97 58.7 46.0 85.4

132 85.9 68.1 126.5

130 91.7 70.1 130.1

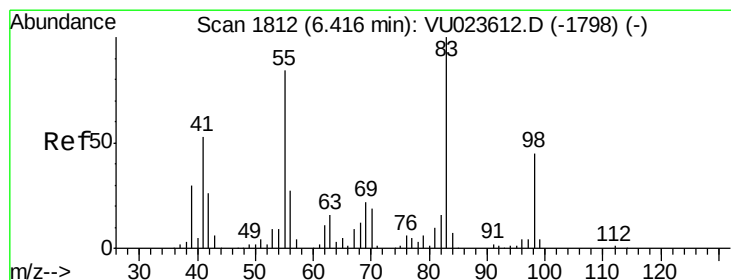
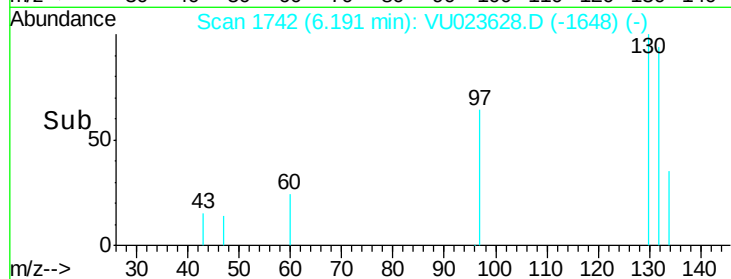
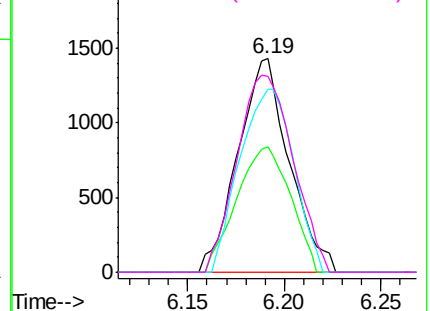


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.77 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU023628.D

Acq: 04 May 2018 03:36

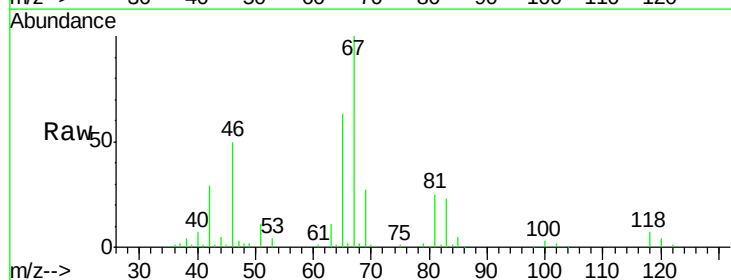
Tgt Ion: 83 Resp: 13032

Ion Ratio Lower Upper

83 100

55 0.0 68.4 102.6#

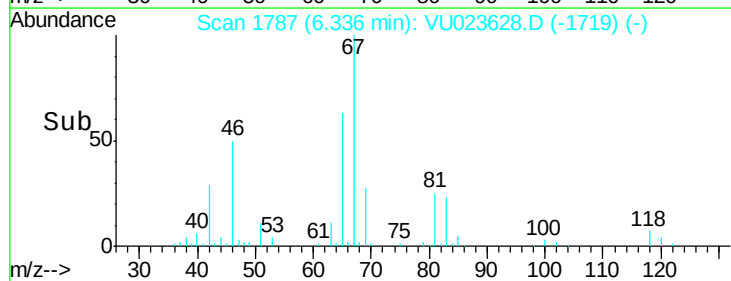
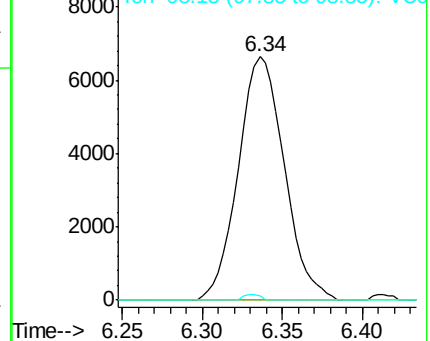
98 0.8 36.7 55.1#

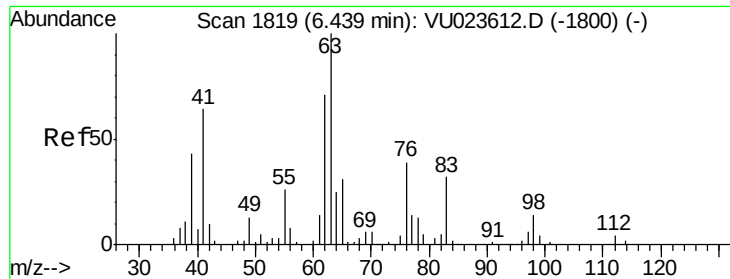


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

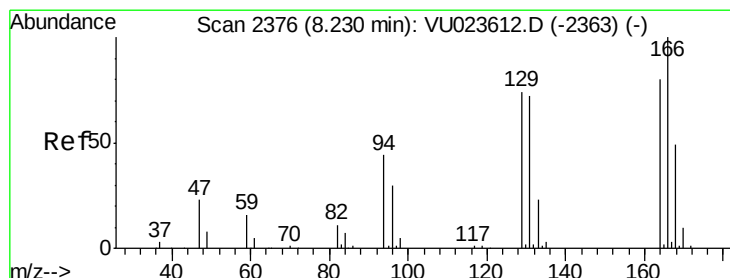
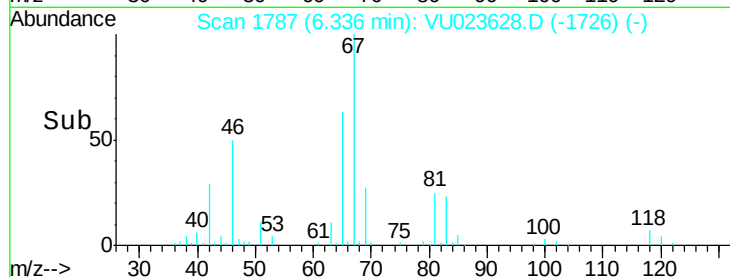
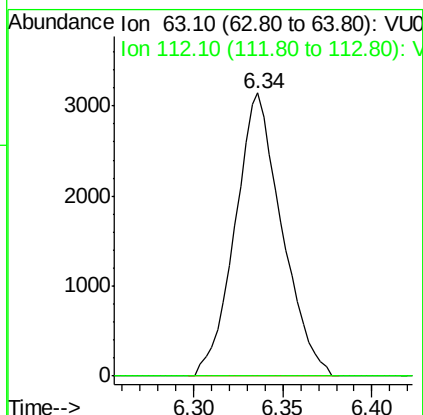
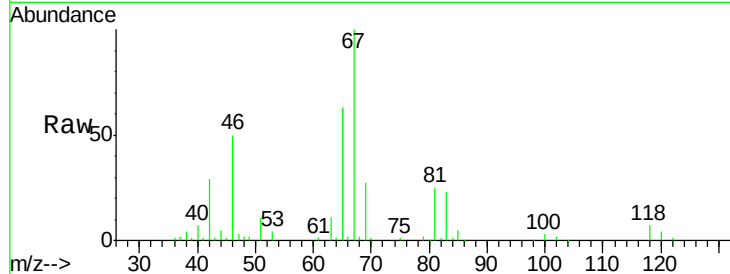
Ion 98.15 (97.85 to 98.85): VU0





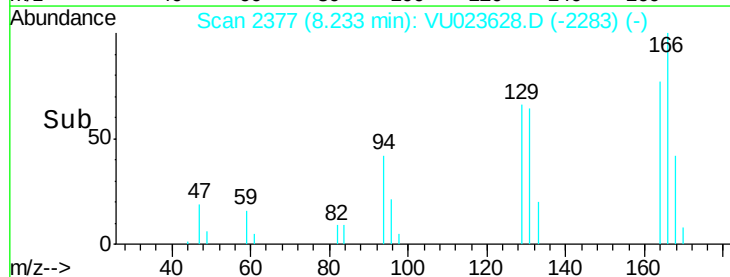
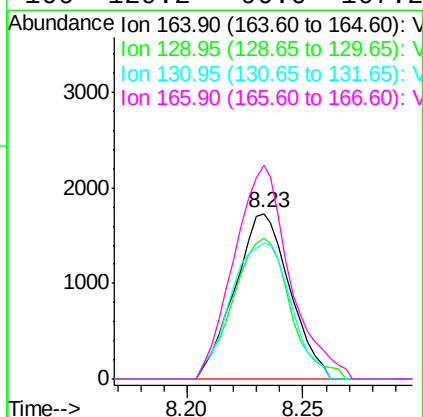
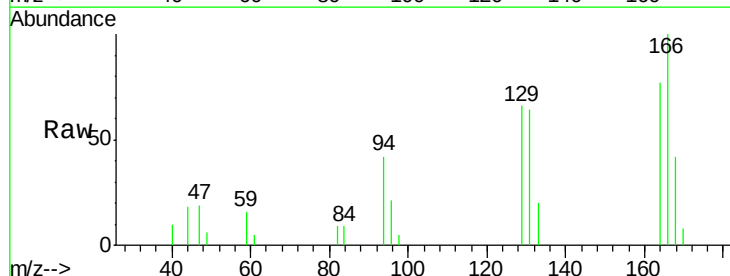
#37
 1,2-Dichloropropane
 Concen: 0.48 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU023628.D
 Acq: 04 May 2018 03:36

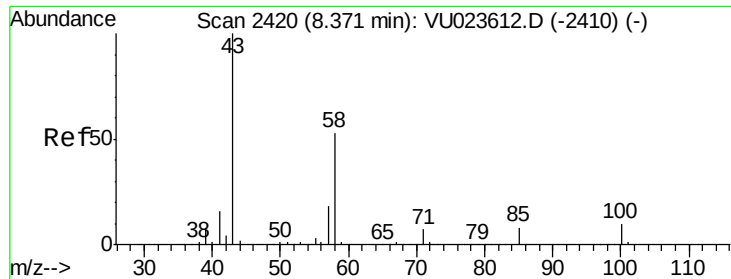
Tgt Ion: 63 Resp: 5735
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#47
 Tetrachloroethene
 Concen: 0.32 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU023628.D
 Acq: 04 May 2018 03:36

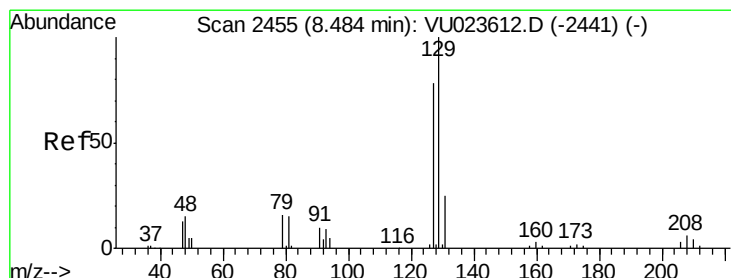
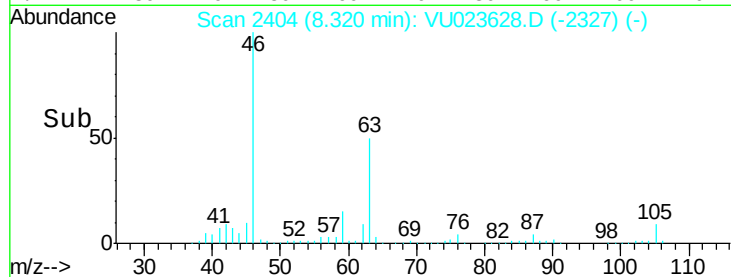
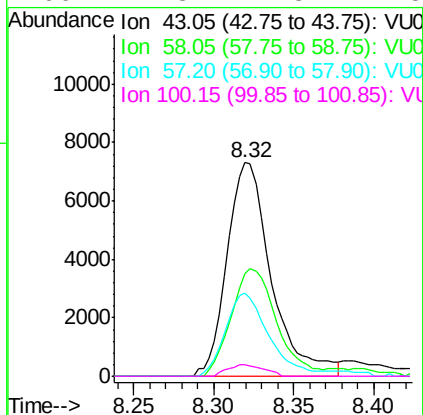
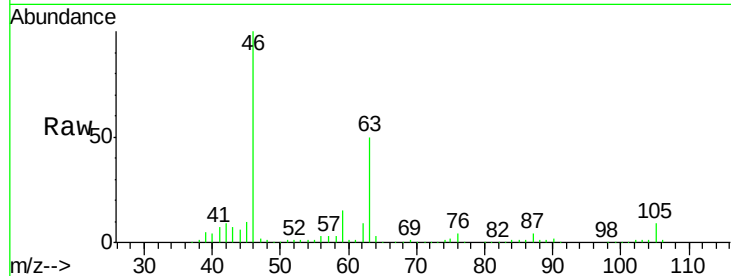
Tgt Ion: 164 Resp: 2851
 Ion Ratio Lower Upper
 164 100
 129 84.9 64.4 119.6
 131 82.2 63.9 118.7
 166 129.2 90.0 167.2





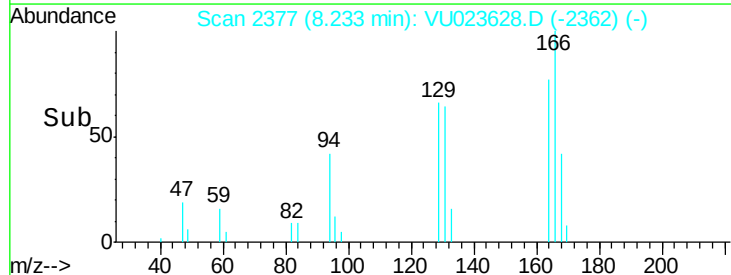
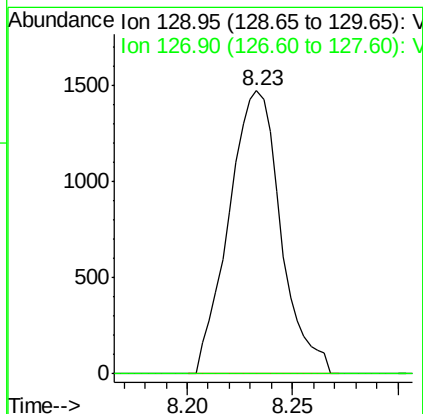
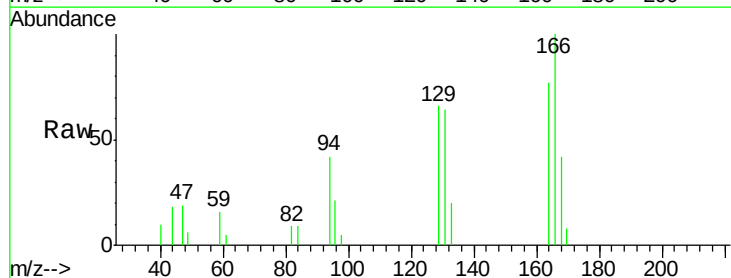
#48
2-Hexanone
Concen: 2.63 ug/L
RT: 8.32 min Scan# 2404
Delta R.T. -0.05 min
Lab File: VU023628.D
Acq: 04 May 2018 03:36

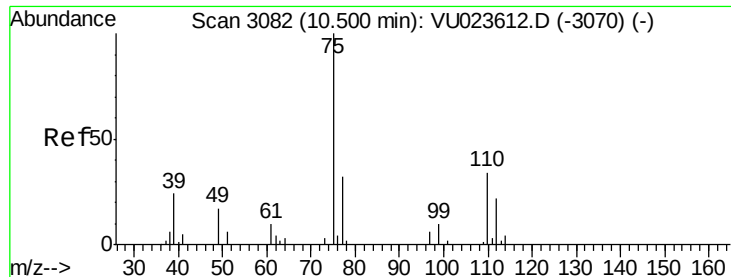
Tgt Ion: 43 Resp: 13854
Ion Ratio Lower Upper
43 100
58 51.5 42.1 63.1
57 37.8 14.3 21.5#
100 4.3 7.8 11.8#



#49
Dibromochloromethane
Concen: 0.29 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. -0.25 min
Lab File: VU023628.D
Acq: 04 May 2018 03:36

Tgt Ion: 129 Resp: 2519
Ion Ratio Lower Upper
129 100
127 0.0 56.9 105.7#





#59

1,2,3-Trichloropropane

Concen: 1.05 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU023628.D

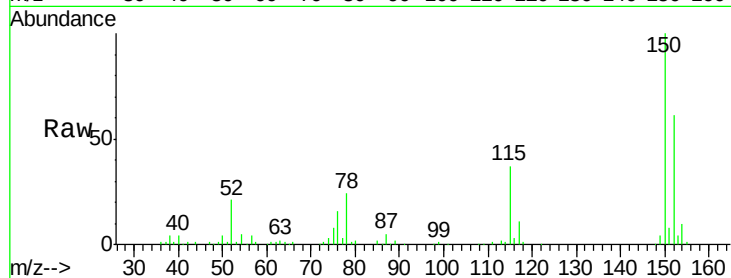
Acq: 04 May 2018 03:36

Tgt Ion: 75 Resp: 7378

Ion Ratio Lower Upper

75 100

77 36.6 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

