

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050818\
 Data File : VU023748.D
 Acq On : 08 May 2018 20:29
 Operator : MD/SY
 Sample : J2746-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 09 03:41:20 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 09 03:02:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	354933	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	338826	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	166749	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	112302	40.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.90%
7) Chloroethane-d5	1.68	69	92794	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.52%
11) 1,1-Dichloroethene-d2	2.27	63	170029	33.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.10%
21) 2-Butanone-d5	4.18	46	203547	99.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.62%
24) Chloroform-d	4.65	84	207709	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.98%
26) 1,2-Dichloroethane-d4	5.31	65	136813	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.62%
32) Benzene-d6	5.35	84	440626	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
36) 1,2-Dichloropropane-d6	6.34	67	151197	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.24%
41) Toluene-d8	7.57	98	408059	45.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.85	79	60601	44.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.24%
47) 2-Hexanone-d5	8.31	63	145808	102.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.80%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	199084	46.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.56%
64) 1,2-Dichlorobenzene-d4	11.87	152	167325	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%

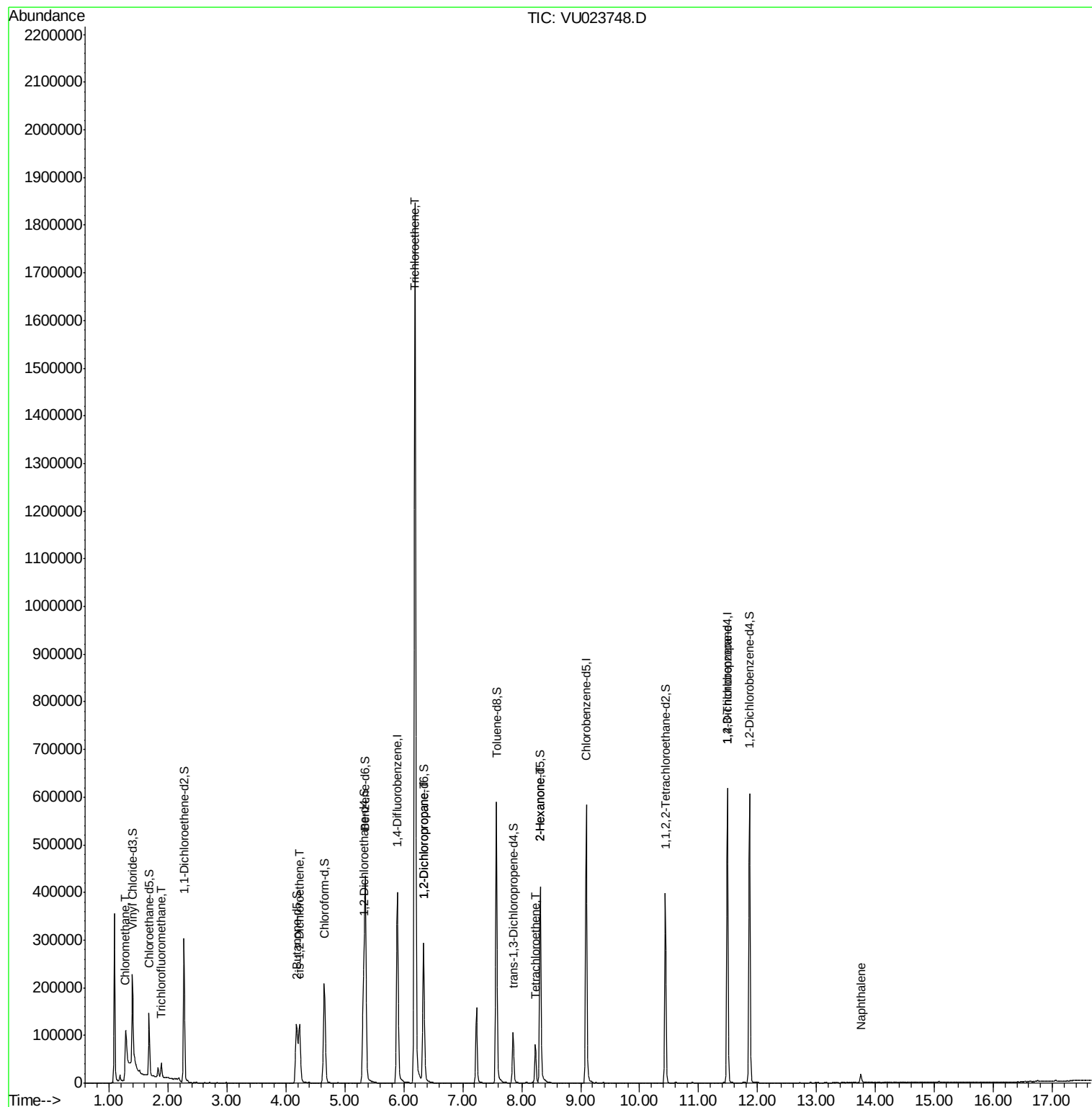
Target Compounds

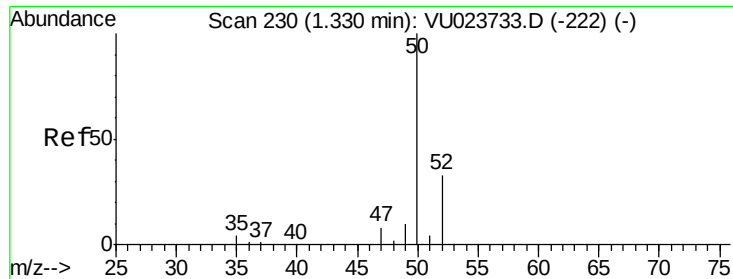
						Qvalue
3) Chloromethane	1.28	50	4266	1.42	ug/L	# 42
9) Trichlorofluoromethane	1.89	101	15657	3.86	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	65326	21.40	ug/L	100
34) Trichloroethene	6.19	95	658659	225.99	ug/L	99
37) 1,2-Dichloropropane	6.34	63	14856	4.58	ug/L	# 89
46) Tetrachloroethene	8.23	164	19736	8.18	ug/L	98
48) 2-Hexanone	8.31	43	15608	4.30	ug/L	# 70
59) 1,2,3-Trichloropropane	11.49	75	19863	5.09	ug/L	92
69) Naphthalene	13.75	128	17144	1.45	ug/L	99

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

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#3

Chloromethane

Concen: 1.42 ug/L

RT: 1.28 min Scan# 216

Delta R.T. -0.05 min

Lab File: VU023748.D

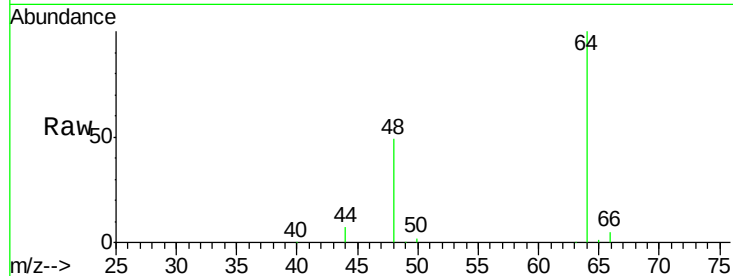
Acq: 08 May 2018 20:29

Tgt Ion: 50 Resp: 4266

Ion Ratio Lower Upper

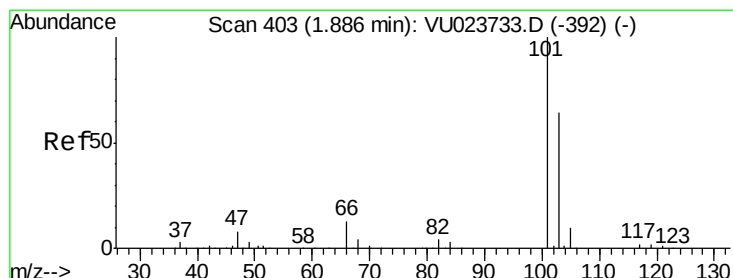
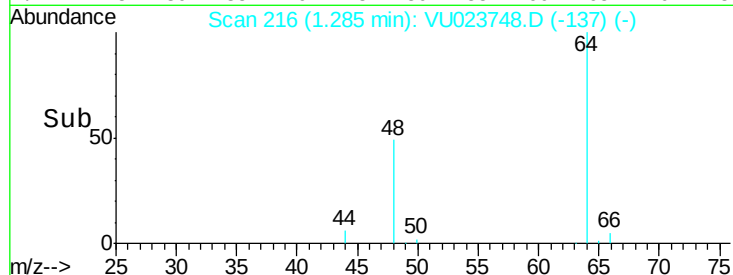
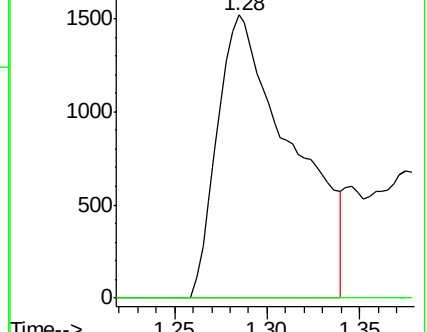
50 100

52 0.0 22.8 42.4#



Abundance Ion 50.00 (49.70 to 50.70): VU023748.D (-216) (-)

Ion 52.00 (51.70 to 52.70): VU023748.D (-216) (-)



#9

Trichlorofluoromethane

Concen: 3.86 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU023748.D

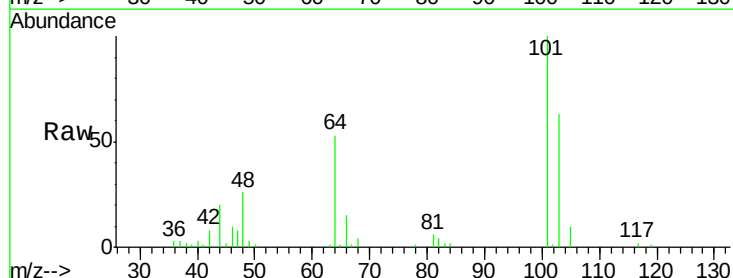
Acq: 08 May 2018 20:29

Tgt Ion: 101 Resp: 15657

Ion Ratio Lower Upper

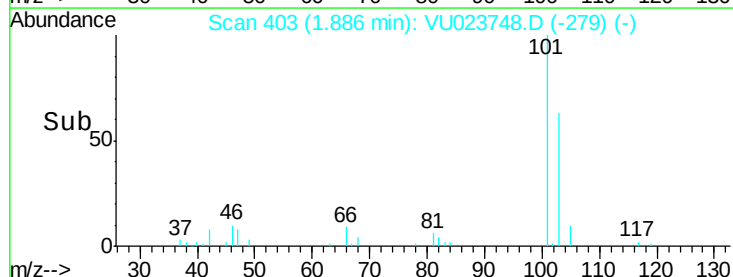
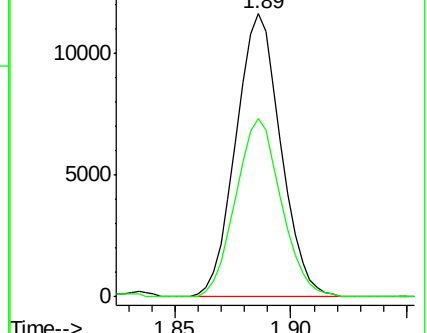
101 100

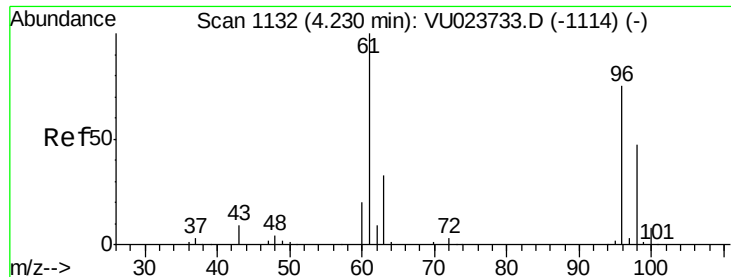
103 63.7 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): VU023748.D (-403) (-)

Ion 103.00 (102.70 to 103.70): VU023748.D (-403) (-)





#20

cis-1,2-Dichloroethene

Concen: 21.40 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU023748.D

Acq: 08 May 2018 20:29

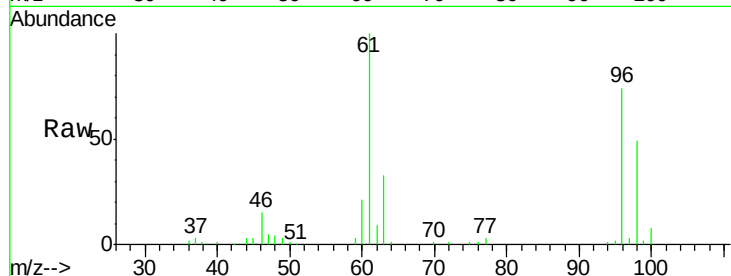
Tgt Ion: 96 Resp: 65326

Ion Ratio Lower Upper

96 100

61 134.5 93.9 174.5

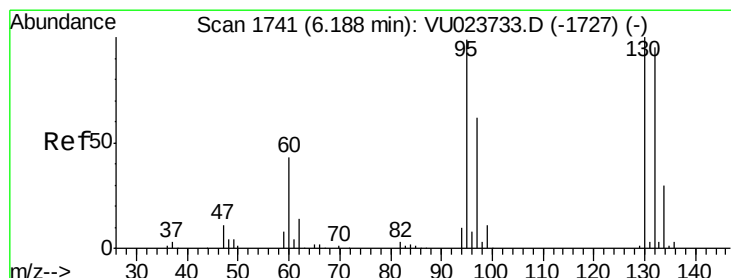
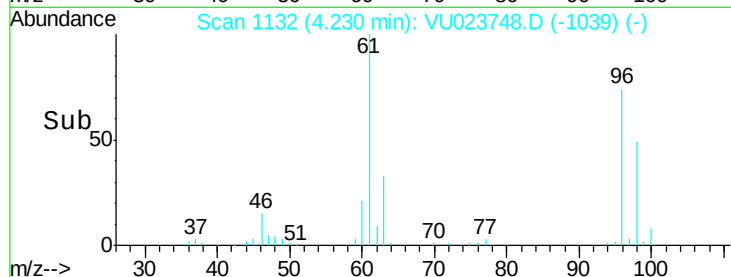
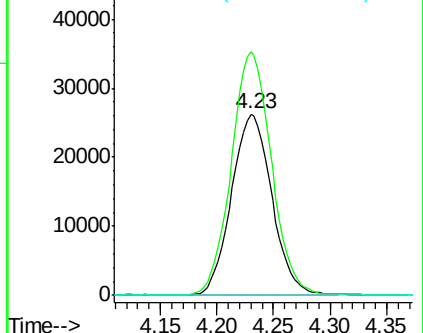
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU023733.D (-1114) (-)

Ion 61.00 (60.70 to 61.70): VU023733.D (-1114) (-)

Ion 68.00 (67.70 to 68.70): VU023733.D (-1114) (-)



#34

Trichloroethene

Concen: 225.99 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU023748.D

Acq: 08 May 2018 20:29

Tgt Ion: 95 Resp: 658659

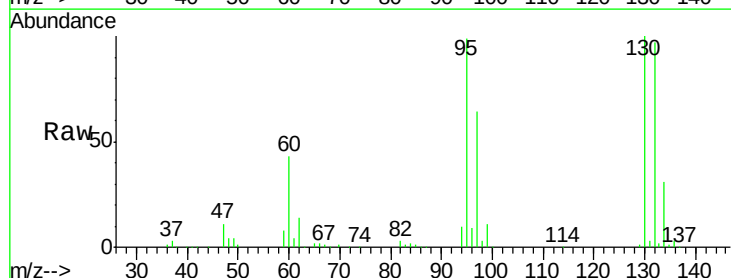
Ion Ratio Lower Upper

95 100

97 64.7 44.2 82.2

132 97.3 67.8 125.8

130 100.7 69.6 129.2

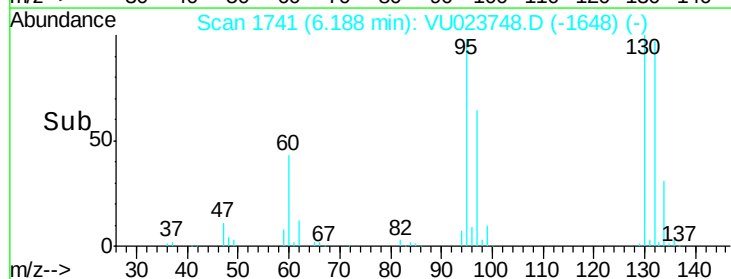
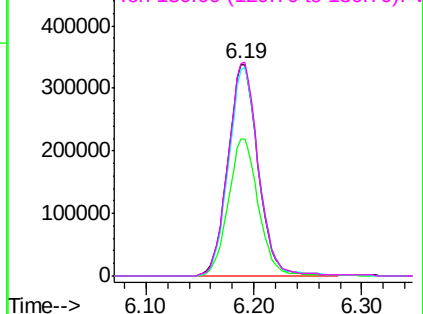


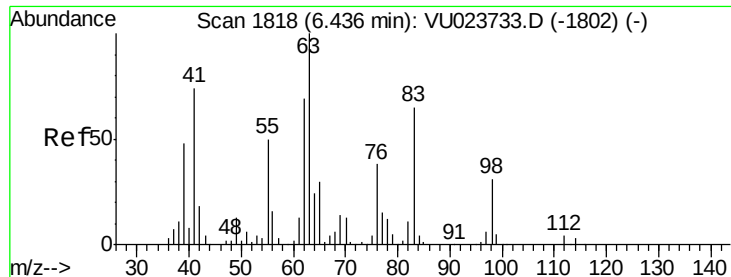
Abundance Ion 95.00 (94.70 to 95.70): VU023733.D (-1727) (-)

Ion 97.00 (96.70 to 97.70): VU023733.D (-1727) (-)

Ion 132.00 (131.70 to 132.70): VU023733.D (-1727) (-)

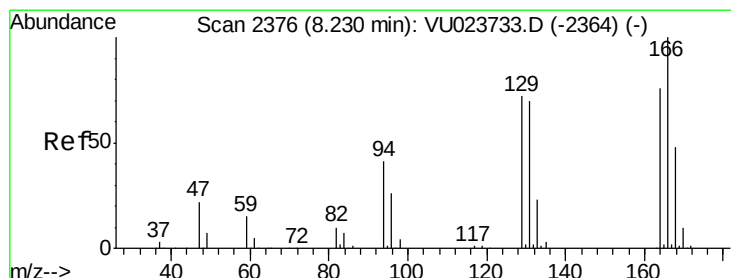
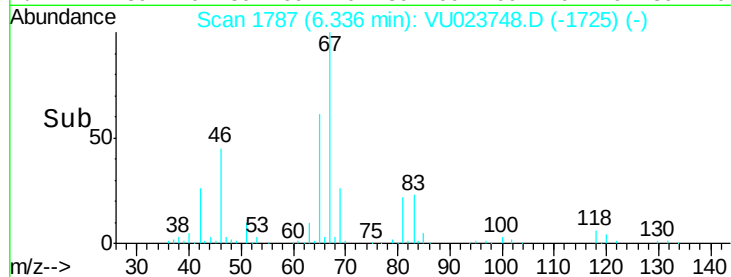
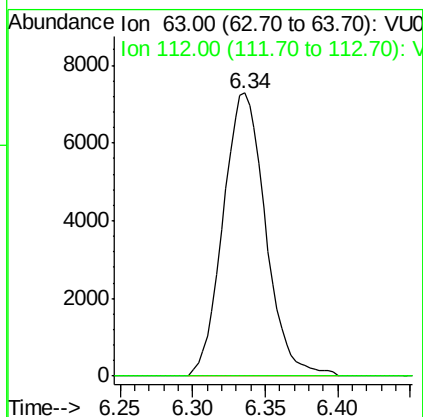
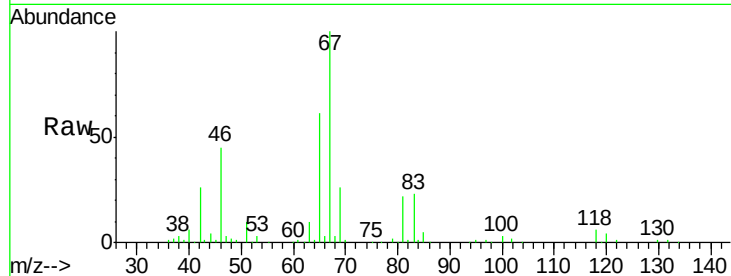
Ion 130.00 (129.70 to 130.70): VU023733.D (-1727) (-)





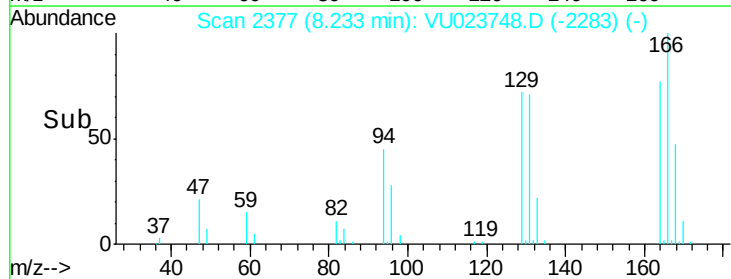
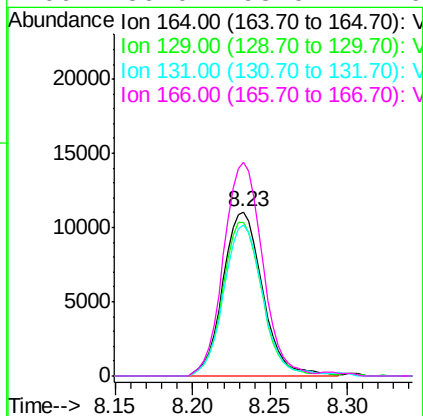
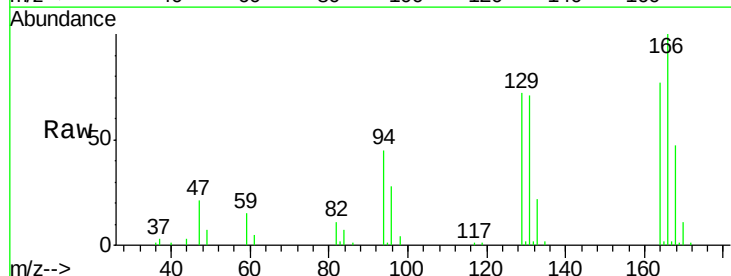
#37
 1,2-Dichloropropane
 Concen: 4.58 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU023748.D
 Acq: 08 May 2018 20:29

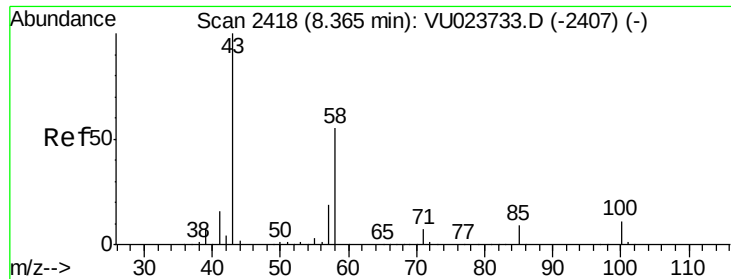
Tgt Ion: 63 Resp: 14856
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#46
 Tetrachloroethene
 Concen: 8.18 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU023748.D
 Acq: 08 May 2018 20:29

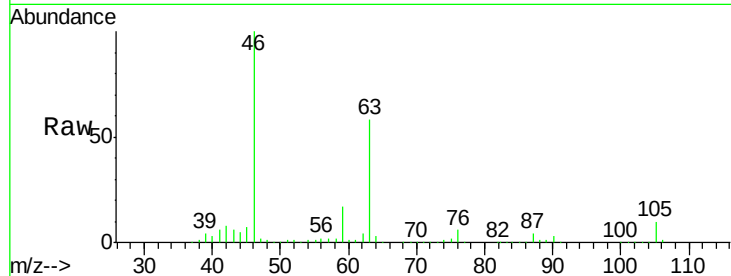
Tgt Ion: 164 Resp: 19736
 Ion Ratio Lower Upper
 164 100
 129 93.8 66.9 124.3
 131 92.3 63.6 118.0
 166 130.0 93.0 172.6



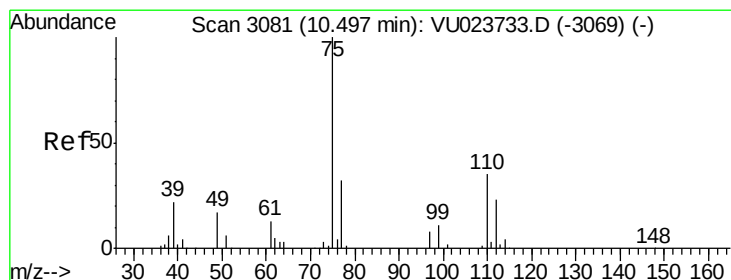
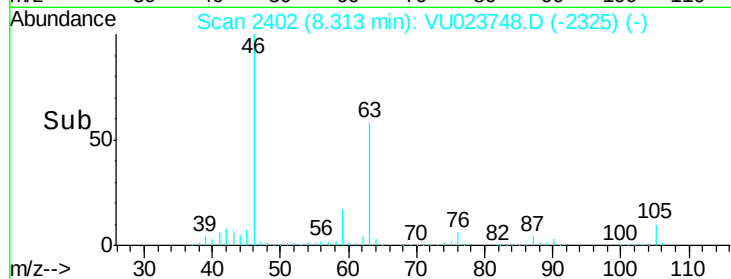
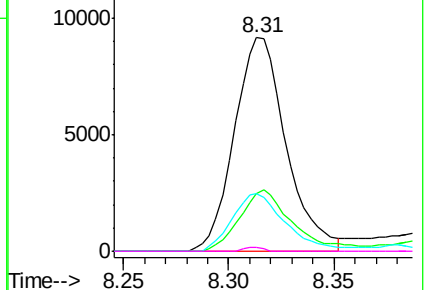


#48
2-Hexanone
Concen: 4.30 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU023748.D
Acq: 08 May 2018 20:29

Tgt Ion: 43 Resp: 15608
Ion Ratio Lower Upper
43 100
58 29.8 43.4 65.0#
57 27.7 15.0 22.4#
100 0.6 8.7 13.1#

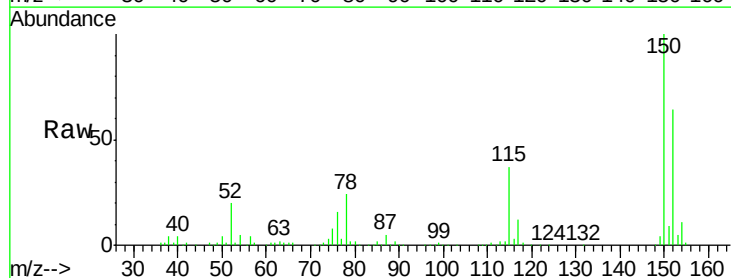


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

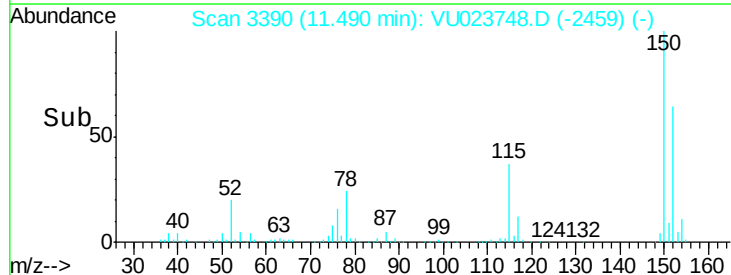
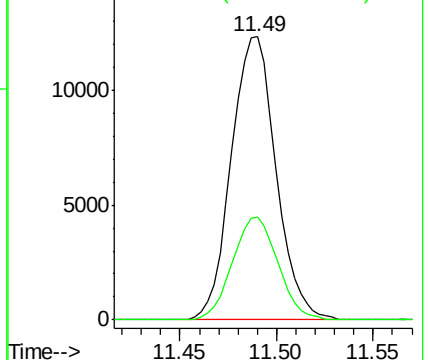


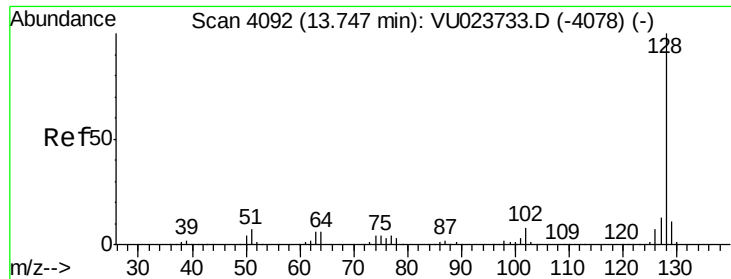
#59
1,2,3-Trichloropropane
Concen: 5.09 ug/L
RT: 11.49 min Scan# 3390
Delta R.T. 0.99 min
Lab File: VU023748.D
Acq: 08 May 2018 20:29

Tgt Ion: 75 Resp: 19863
Ion Ratio Lower Upper
75 100
77 36.6 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#69

Naphthalene

Concen: 1.45 ug/L

RT: 13.75 min Scan# 4094

Delta R.T. 0.01 min

Lab File: VU023748.D

Acq: 08 May 2018 20:29

Tgt Ion:128 Resp: 17144

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 10.6 8.7 13.1

