

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050118\
 Data File : VU023554.D
 Acq On : 01 May 2018 15:26
 Operator : MD/SY
 Sample : J2558-06MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 02 03:29:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 02 03:12:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	327696	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	312555	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	149553	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	115302	49.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.28%
7) Chloroethane-d5	1.68	69	89812	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.46%
11) 1,1-Dichloroethene-d2	2.27	63	225521	49.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.60%
21) 2-Butanone-d5	4.18	46	176381	109.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.92%
24) Chloroform-d	4.65	84	209482	54.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.08%
26) 1,2-Dichloroethane-d4	5.31	65	140311	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.06%
32) Benzene-d6	5.35	84	448463	53.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.96%
36) 1,2-Dichloropropane-d6	6.34	67	152047	54.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.26%
41) Toluene-d8	7.57	98	410876	53.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.30%
43) trans-1,3-Dichloropropene-	7.85	79	64338	53.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.42%
47) 2-Hexanone-d5	8.31	63	119941	112.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.44%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	186506	51.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	159623	54.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.42%

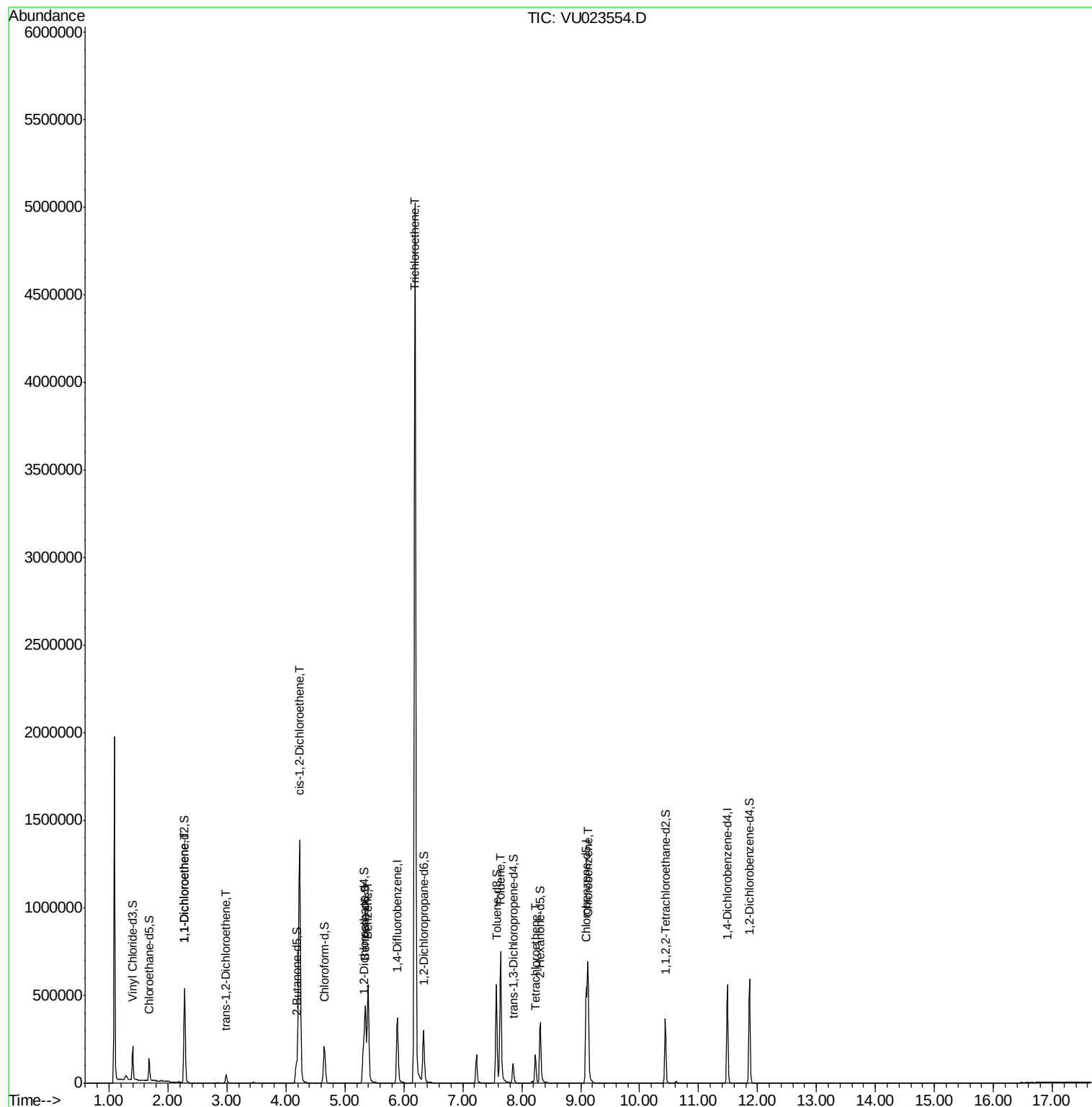
Target Compounds

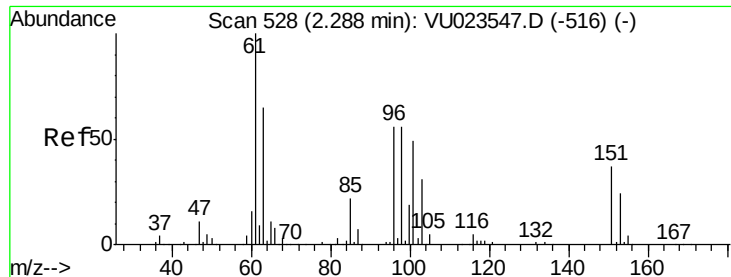
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	118444	49.52	ug/L	93
17) trans-1,2-Dichloroethene	2.99	96	19309	7.38	ug/L	92
20) cis-1,2-Dichloroethene	4.23	96	768177	264.48	ug/L	99
33) Benzene	5.39	78	553172	50.22	ug/L	100
34) Trichloroethene	6.19	95	1794214	635.79	ug/L	98
42) Toluene	7.64	91	585995	51.33	ug/L	100
46) Tetrachloroethene	8.23	164	40320	17.53	ug/L	98
51) Chlorobenzene	9.12	112	373888	49.15	ug/L	99

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

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QLast Update : Wed May 02 03:12:05 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 49.52 ug/L

RT: 2.28 min Scan# 527

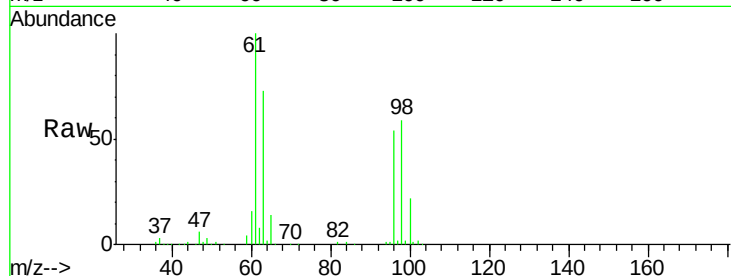
Delta R.T. -0.00 min

Lab File: VU023554.D

Acq: 01 May 2018 15:26

Tot Ion: 96 Resp: 118444

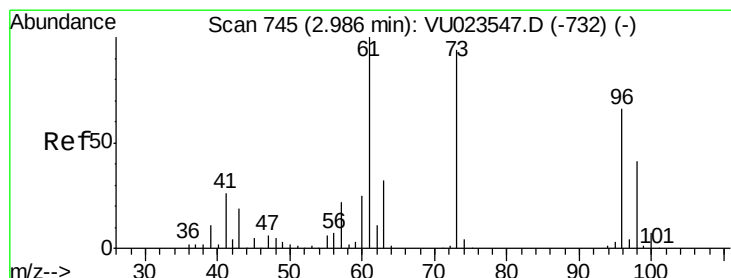
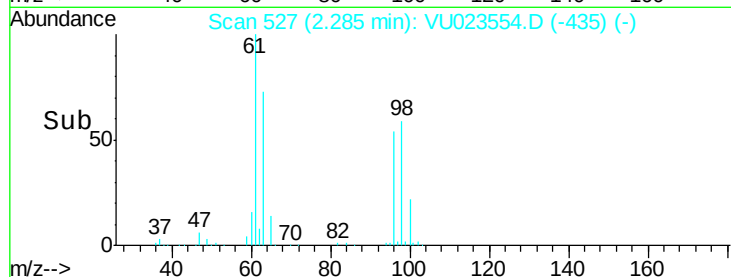
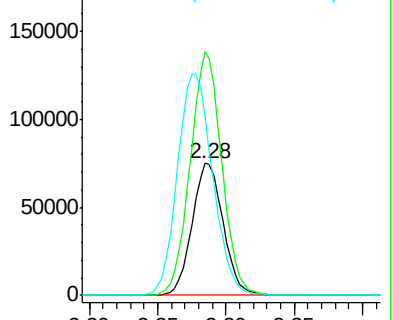
Ion	Ratio	Lower	Upper
96	100		
61	184.7	125.9	233.7
63	135.1	84.8	157.6



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



#17

trans-1,2-Dichloroethene

Concen: 7.38 ug/L

RT: 2.99 min Scan# 745

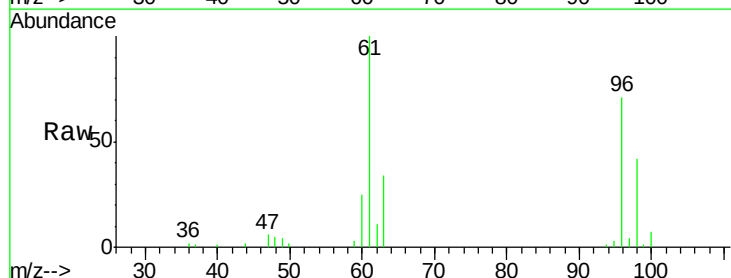
Delta R.T. 0.00 min

Lab File: VU023554.D

Acq: 01 May 2018 15:26

Tgt Ion: 96 Resp: 19309

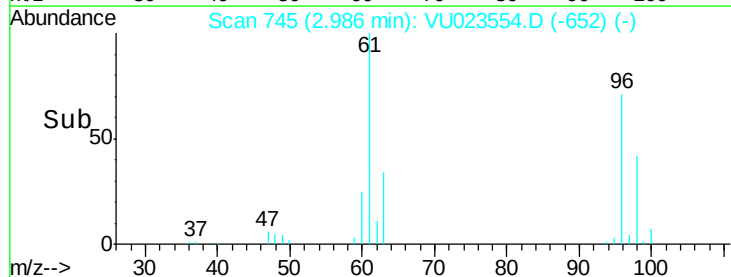
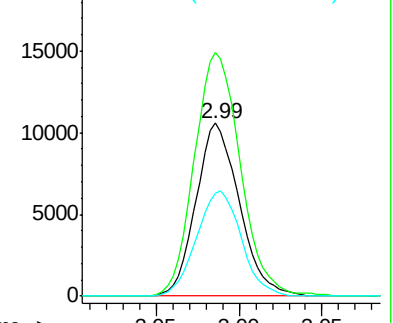
Ion	Ratio	Lower	Upper
96	100		
61	140.8	106.9	198.5
98	59.4	44.2	82.2

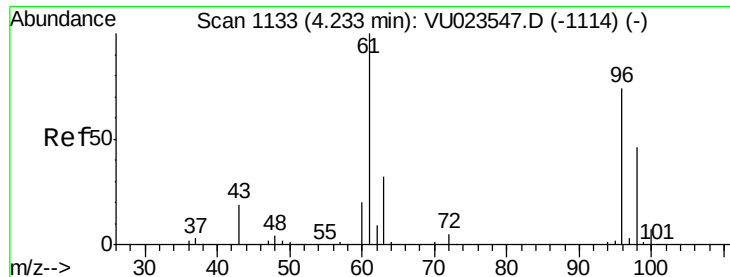


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 264.48 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU023554.D

Acq: 01 May 2018 15:26

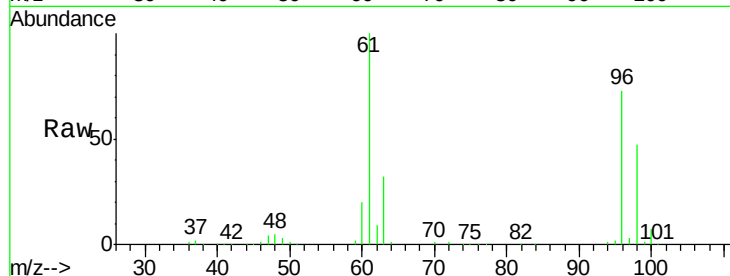
Tot Ion: 96 Resp: 768177

Ion Ratio Lower Upper

96 100

61 137.4 95.3 177.1

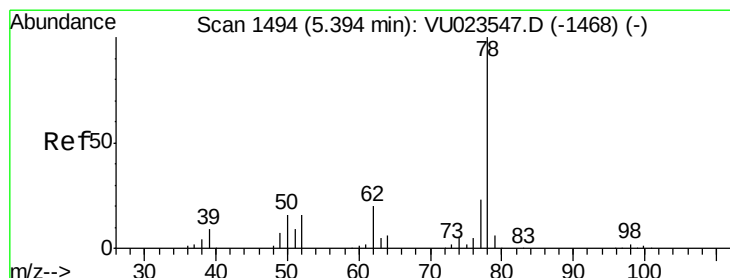
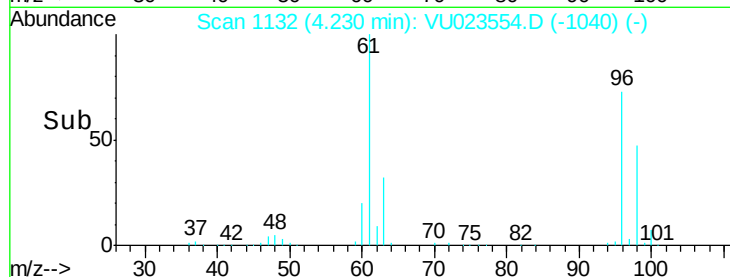
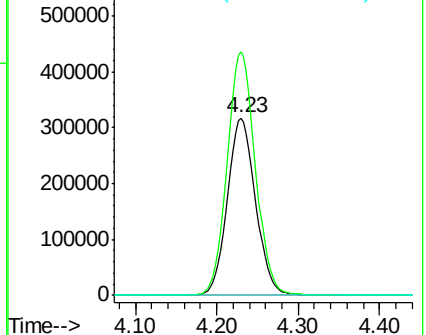
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU023547.D (-1114) (-)

Ion 61.00 (60.70 to 61.70): VU023547.D (-1114) (-)

Ion 68.00 (67.70 to 68.70): VU023547.D (-1114) (-)



#33

Benzene

Concen: 50.22 ug/L

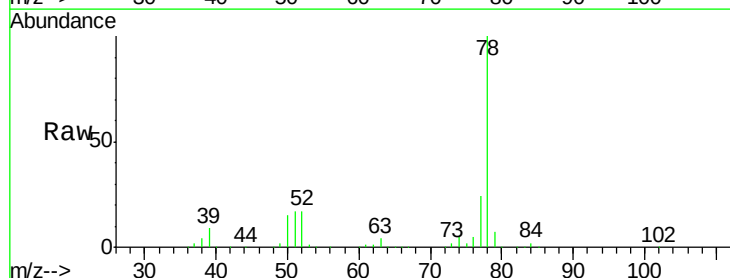
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

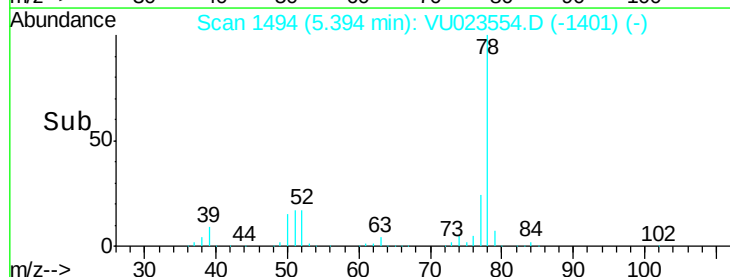
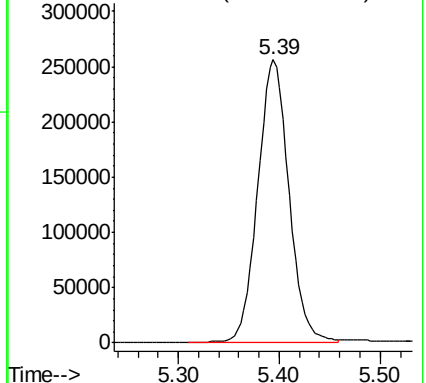
Lab File: VU023554.D

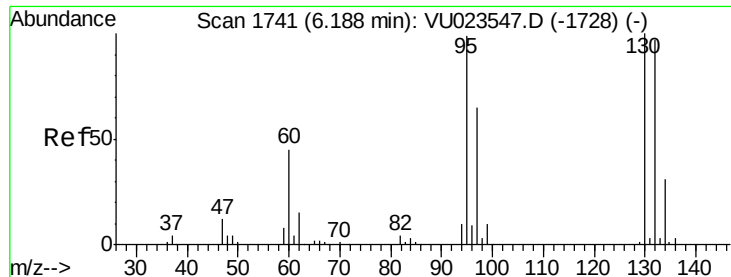
Acq: 01 May 2018 15:26

Tgt Ion: 78 Resp: 553172



Abundance Ion 78.00 (77.70 to 78.70): VU023547.D (-1468) (-)





#34

Trichloroethene

Concen: 635.79 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023554.D

Acq: 01 May 2018 15:26

Tot Ion: 95 Resp: 1794214

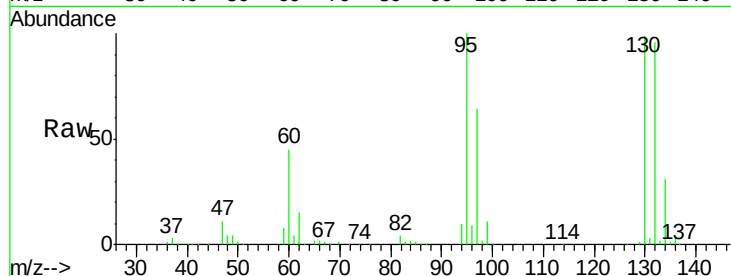
Ion Ratio Lower Upper

95 100

97 64.5 46.3 85.9

132 96.1 68.5 127.1

130 99.2 70.8 131.4

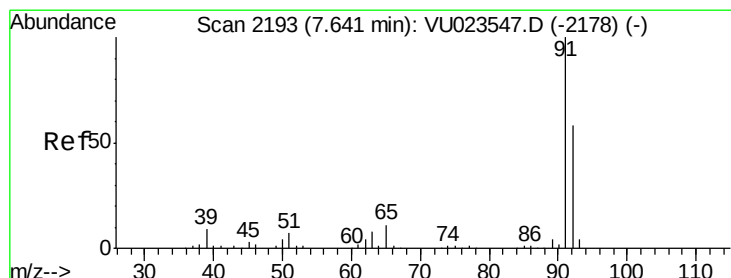
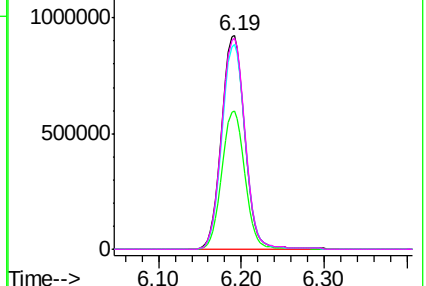
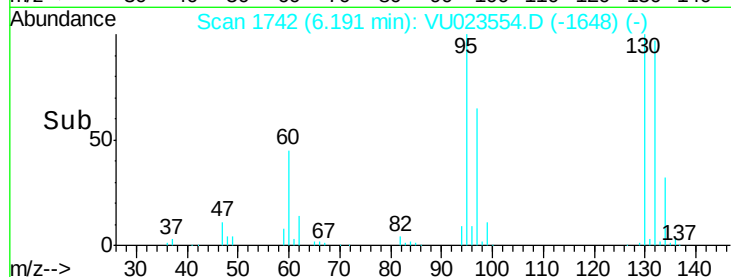


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#42

Toluene

Concen: 51.33 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023554.D

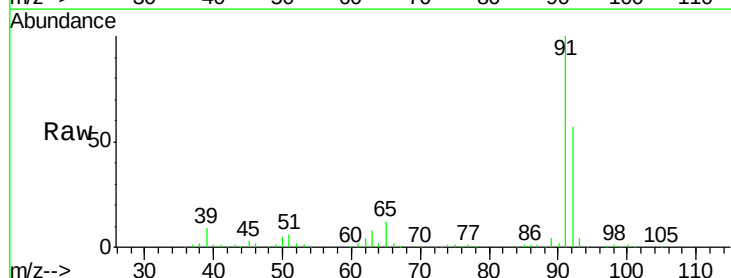
Acq: 01 May 2018 15:26

Tgt Ion: 91 Resp: 585995

Ion Ratio Lower Upper

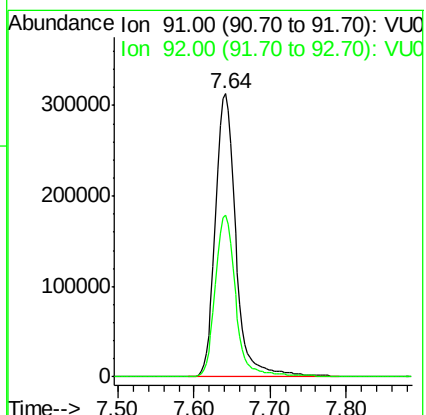
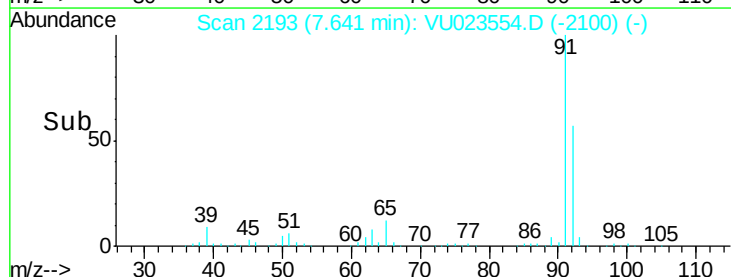
91 100

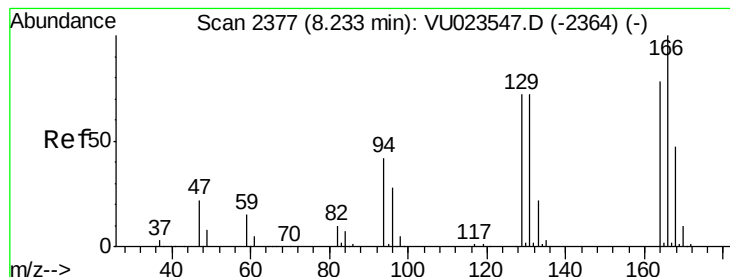
92 57.4 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#46

Tetrachloroethene

Concen: 17.53 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU023554.D

Acq: 01 May 2018 15:26

Tot Ion:164 Resp: 40320

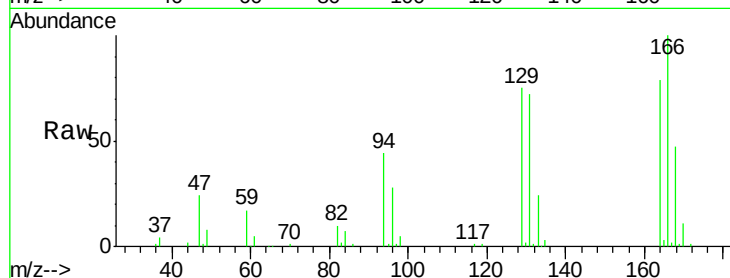
Ion Ratio Lower Upper

164 100

129 95.5 64.2 119.2

131 91.1 64.1 119.1

166 126.9 89.4 166.0

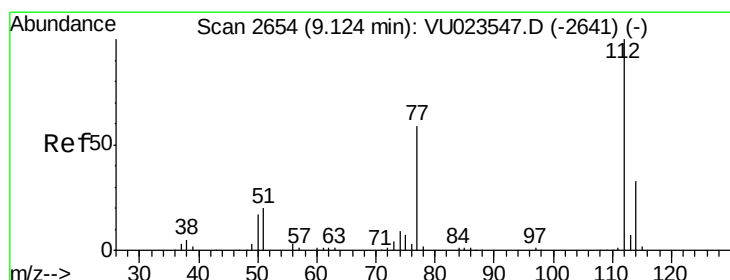
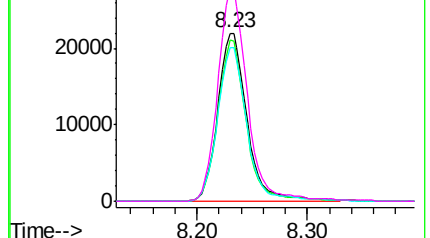
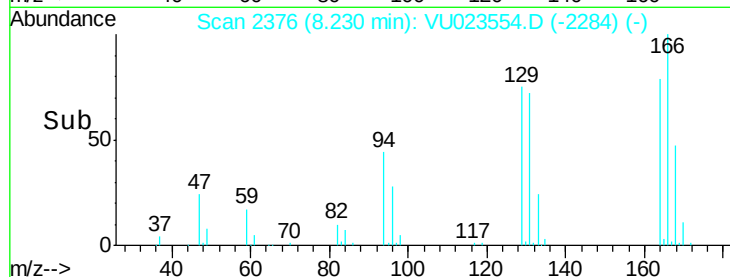


Abundance Ion 164.00 (163.70 to 164.70): V

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



#51

Chlorobenzene

Concen: 49.15 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU023554.D

Acq: 01 May 2018 15:26

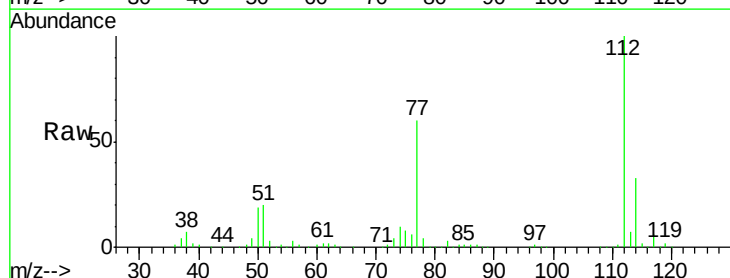
Tgt Ion:112 Resp: 373888

Ion Ratio Lower Upper

112 100

114 32.5 22.7 42.3

77 60.2 47.5 71.3



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

