

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050118\
 Data File : VU023555.D
 Acq On : 01 May 2018 15:53
 Operator : MD/SY
 Sample : J2558-07MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 02 09:19:13 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	276812	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	260953	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	123411	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	99564	50.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.50%
7) Chloroethane-d5	1.68	69	77465	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.27	63	193649	50.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.26%
21) 2-Butanone-d5	4.18	46	151994	112.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.13%
24) Chloroform-d	4.65	84	179565	55.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.68%
26) 1,2-Dichloroethane-d4	5.31	65	121144	53.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.38%
32) Benzene-d6	5.35	84	378927	54.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.24%
36) 1,2-Dichloropropane-d6	6.34	67	129767	55.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.66%
41) Toluene-d8	7.57	98	350801	54.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.70%
43) trans-1,3-Dichloropropene-	7.85	79	54510	53.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.98%
47) 2-Hexanone-d5	8.31	63	105748	118.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.74%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	162552	53.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.18%
64) 1,2-Dichlorobenzene-d4	11.87	152	138049	57.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.68%

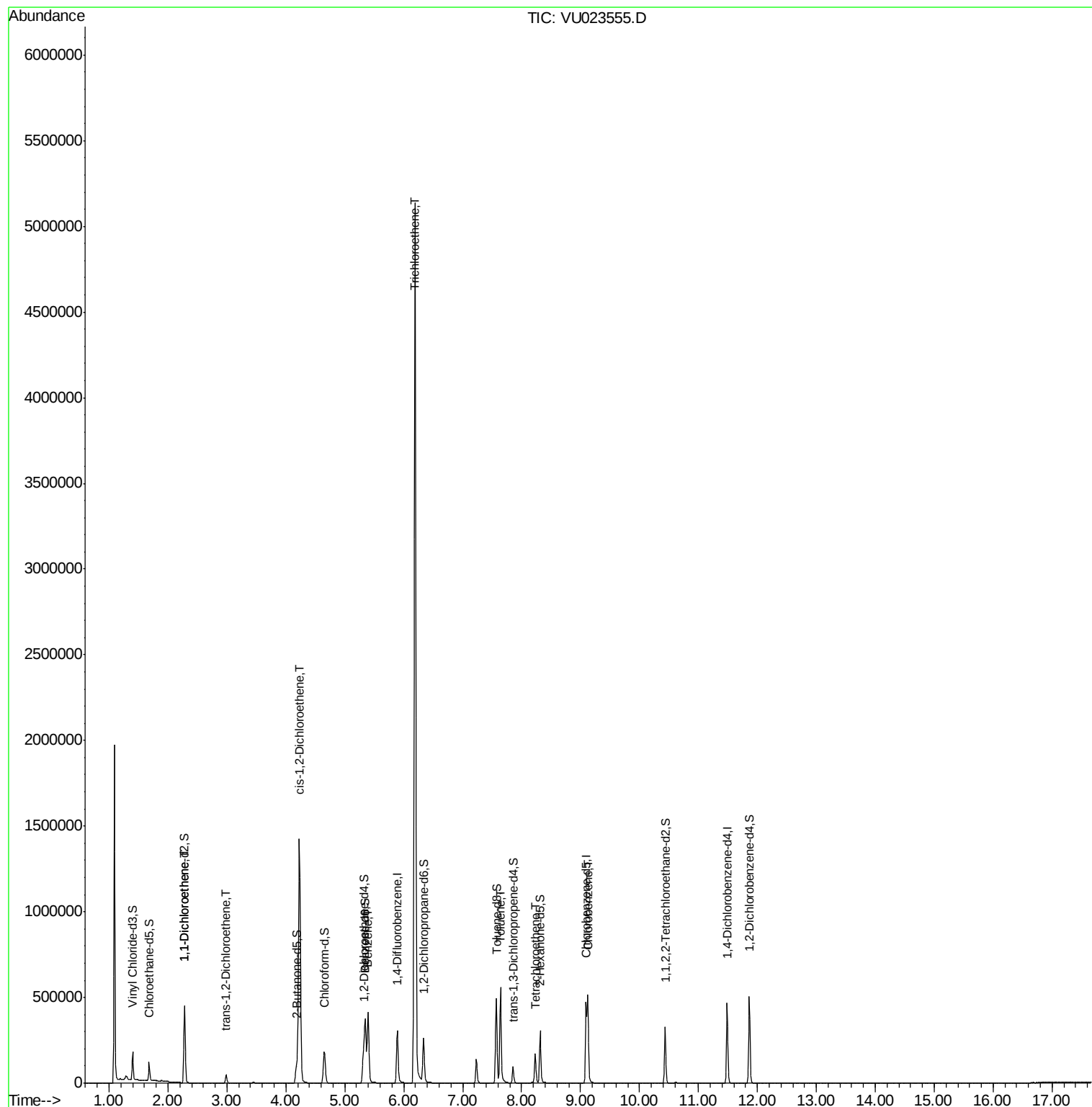
Target Compounds

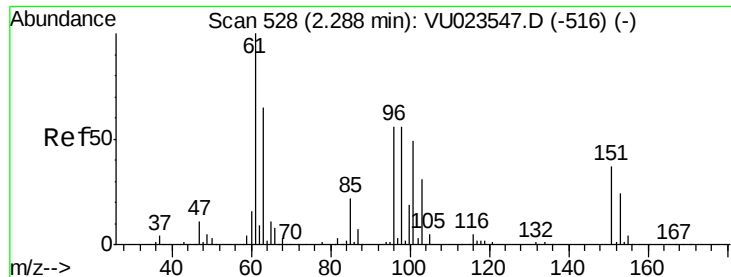
						Ovalue
12) 1,1-Dichloroethene	2.28	96	91871	45.47	ug/L	89
17) trans-1,2-Dichloroethene	2.99	96	19251	8.71	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	791222	322.50	ug/L	99
33) Benzene	5.39	78	413265	44.94	ug/L	100
34) Trichloroethene	6.19	95	1821175	772.96	ug/L	99
42) Toluene	7.64	91	426716	44.77	ug/L	100
46) Tetrachloroethene	8.23	164	42460	22.11	ug/L	99
51) Chlorobenzene	9.12	112	272955	42.98	ug/L	100

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

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#12

1,1-Dichloroethene

Concen: 45.47 ug/L

RT: 2.28 min Scan# 527

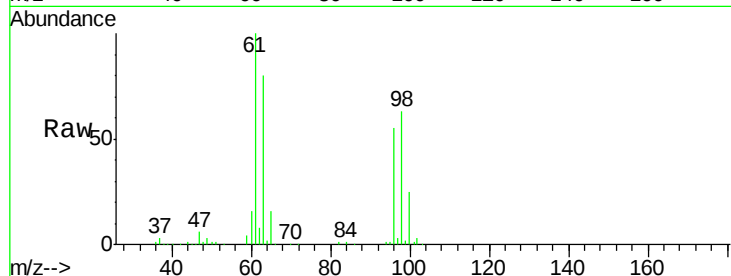
Delta R.T. -0.00 min

Lab File: VU023555.D

Acq: 01 May 2018 15:53

Tot Ion: 96 Resp: 91871

Ion	Ratio	Lower	Upper
96	100		
61	182.9	125.9	233.7
63	147.2	84.8	157.6

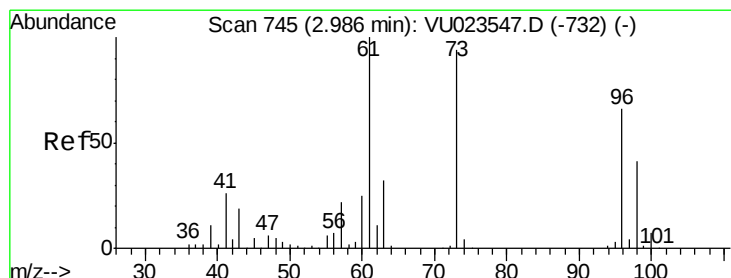
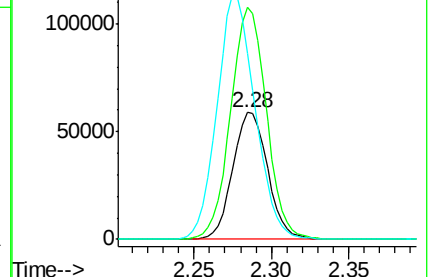
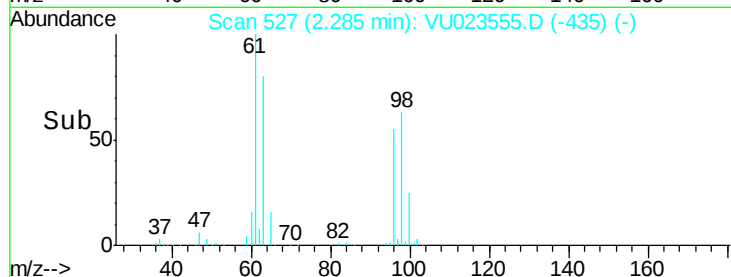


Abundance

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: 8.71 ug/L

RT: 2.99 min Scan# 745

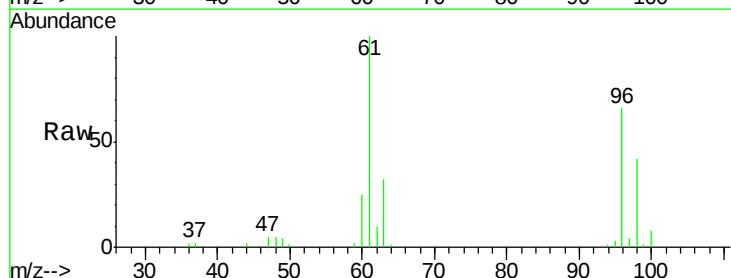
Delta R.T. -0.00 min

Lab File: VU023555.D

Acq: 01 May 2018 15:53

Tgt Ion: 96 Resp: 19251

Ion	Ratio	Lower	Upper
96	100		
61	151.2	106.9	198.5
98	62.8	44.2	82.2

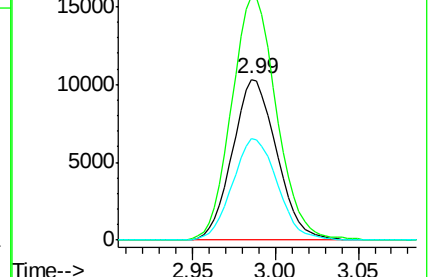
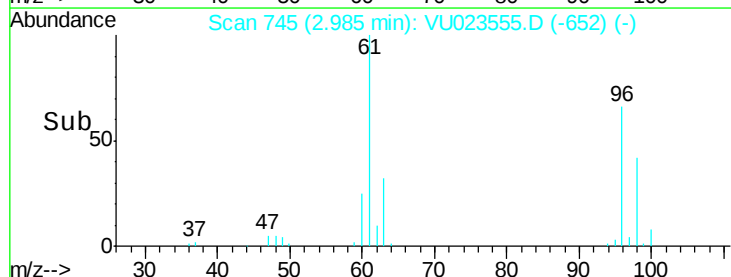


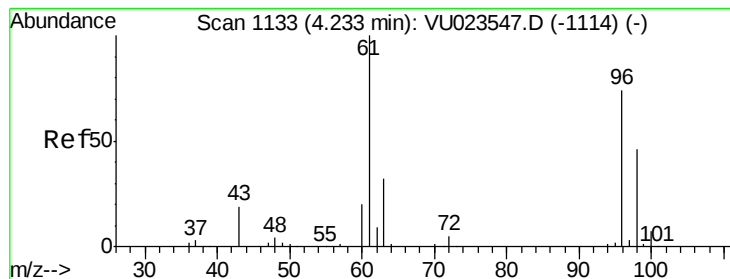
Abundance

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: 322.50 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU023555.D

Acq: 01 May 2018 15:53

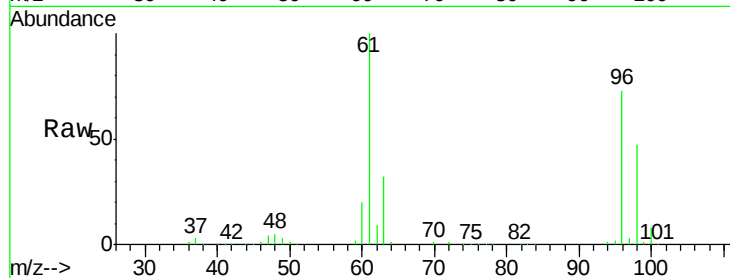
Tot Ion: 96 Resp: 791222

Ion Ratio Lower Upper

96 100

61 137.5 95.3 177.1

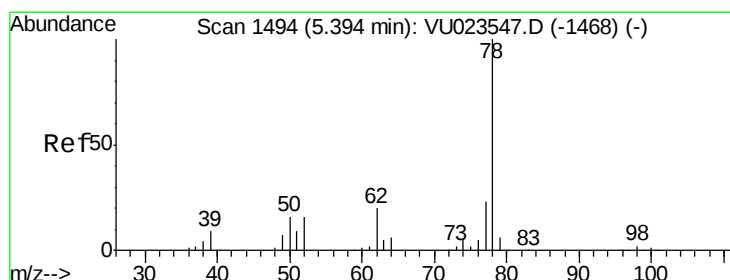
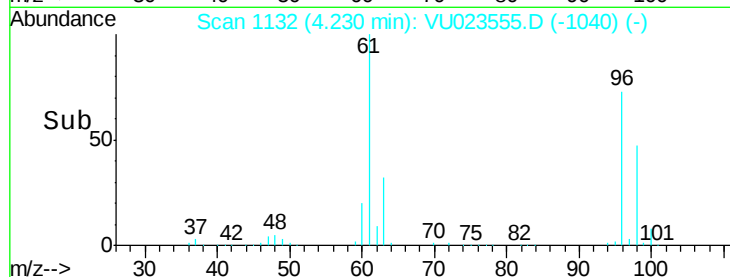
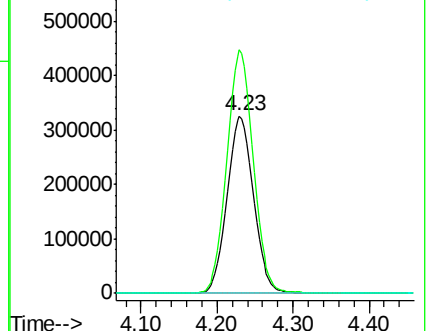
68 0.0 0.0 0.0



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: 44.94 ug/L

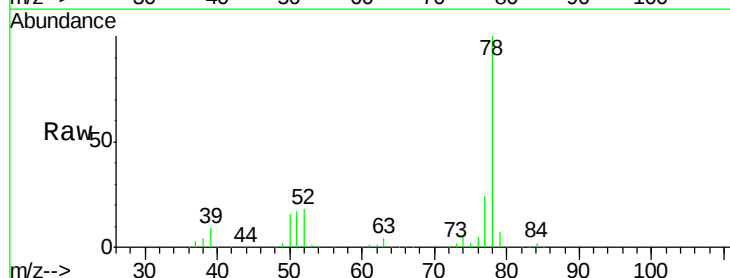
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

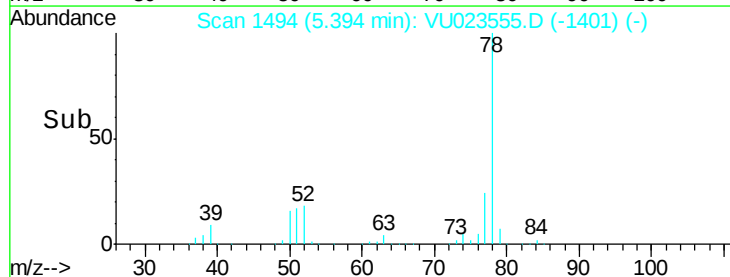
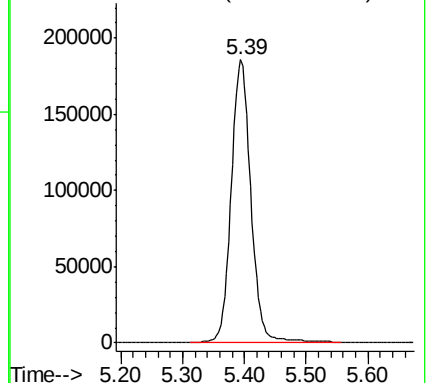
Lab File: VU023555.D

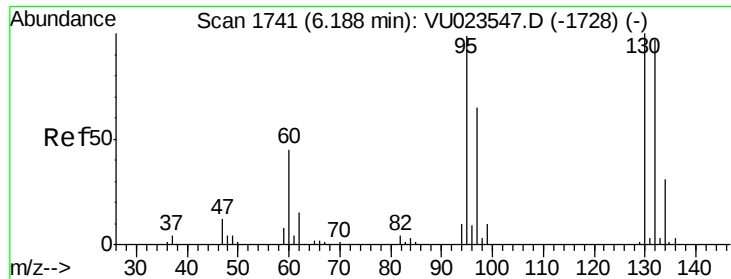
Acq: 01 May 2018 15:53

Tgt Ion: 78 Resp: 413265



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





#34

Trichloroethene

Concen: 772.96 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023555.D

Acq: 01 May 2018 15:53

Tot Ion: 95 Resp: 1821175

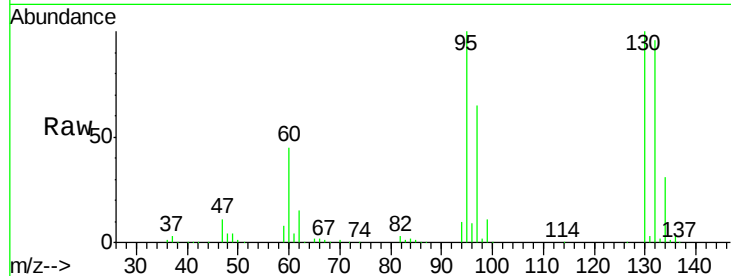
Ion Ratio Lower Upper

95 100

97 65.0 46.3 85.9

132 95.9 68.5 127.1

130 100.1 70.8 131.4

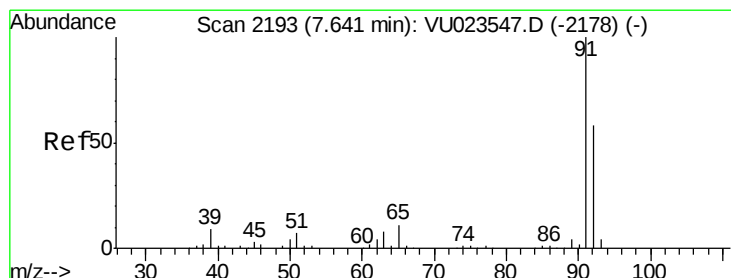
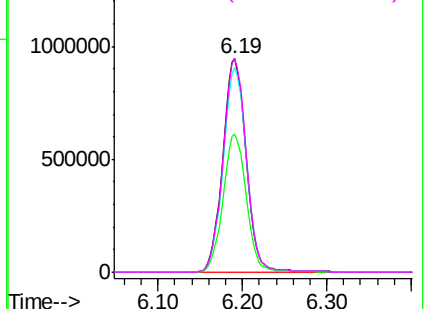
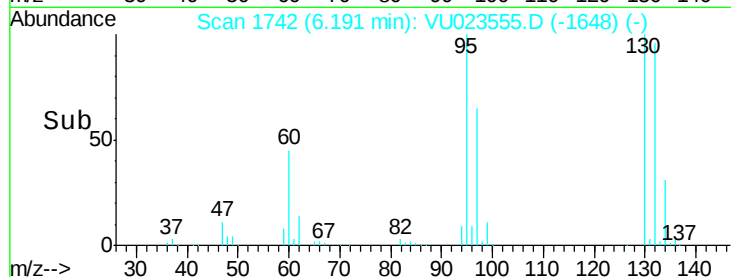


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 44.77 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023555.D

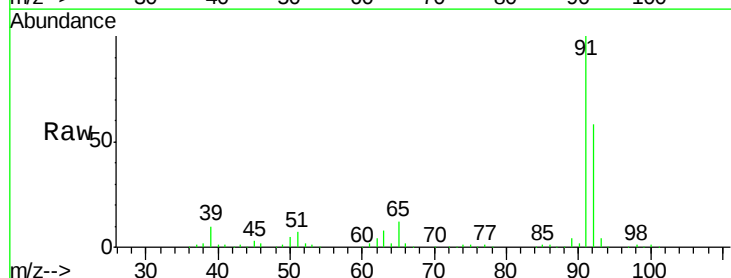
Acq: 01 May 2018 15:53

Tgt Ion: 91 Resp: 426716

Ion Ratio Lower Upper

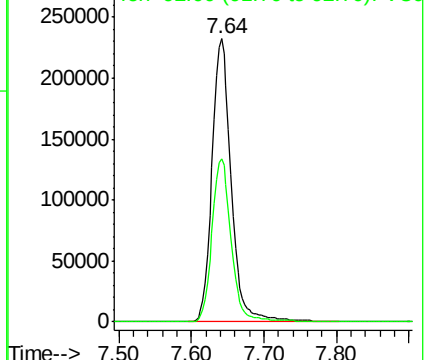
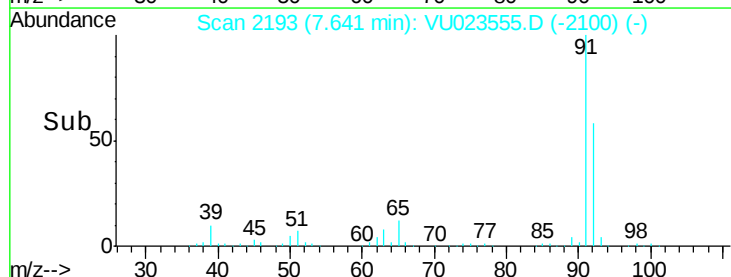
91 100

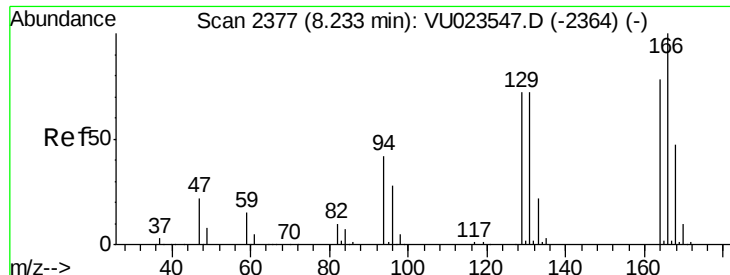
92 57.8 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#46

Tetrachloroethene

Concen: 22.11 ug/L

RT: 8.23 min Scan# 2376

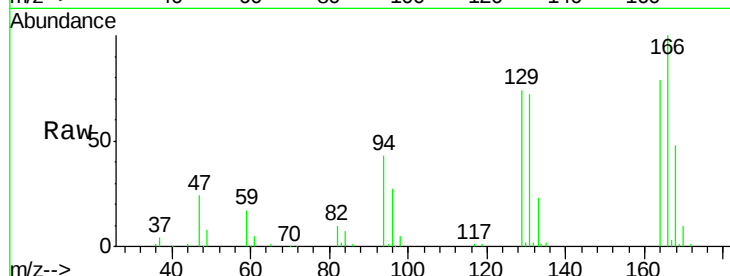
Delta R.T. -0.00 min

Lab File: VU023555.D

Acq: 01 May 2018 15:53

Tot Ion:164 Resp: 42460

Ion	Ratio	Lower	Upper
164	100		
129	94.4	64.2	119.2
131	91.0	64.1	119.1
166	126.9	89.4	166.0

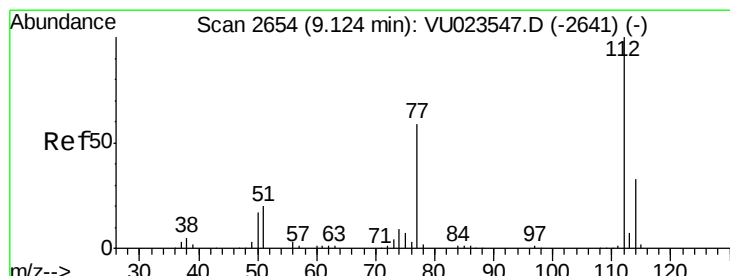
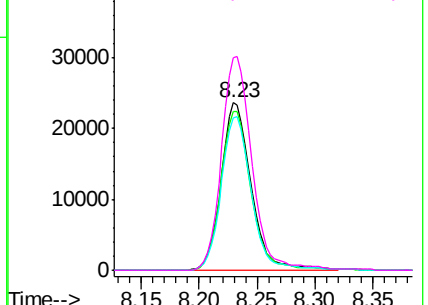
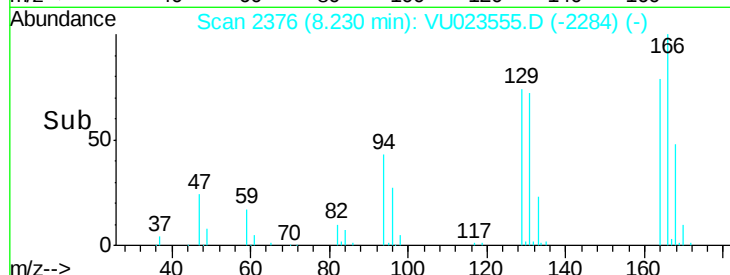


Abundance Ion 164.00 (163.70 to 164.70): V

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: 42.98 ug/L

RT: 9.12 min Scan# 2654

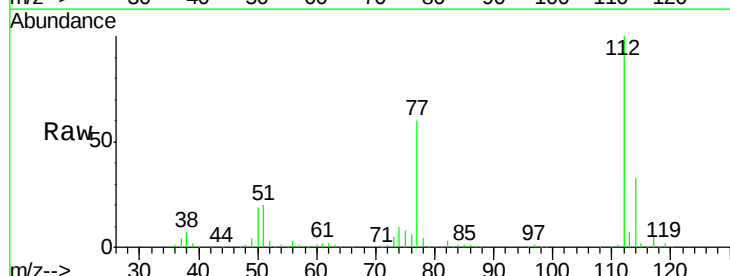
Delta R.T. -0.00 min

Lab File: VU023555.D

Acq: 01 May 2018 15:53

Tgt Ion:112 Resp: 272955

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.7	42.3
77	59.5	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): VU

