

Data File : VU029704.D
Acq On : 27 Feb 2019 14:57
Operator : JC/SP
Sample : K1624-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Feb 28 00:53:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 00:50:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	451804	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	433338	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	211943	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	165790	50.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.16%
7) Chloroethane-d5	1.68	69	140290	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.34%
11) 1,1-Dichloroethene-d2	2.27	63	232886	35.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.98%
21) 2-Butanone-d5	4.17	46	259632	128.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.87%
24) Chloroform-d	4.65	84	292136	54.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.82%
26) 1,2-Dichloroethane-d4	5.31	65	186449	54.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.68%
32) Benzene-d6	5.34	84	648112	59.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.88%
36) 1,2-Dichloropropane-d6	6.33	67	196349	59.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.70%
41) Toluene-d8	7.56	98	604850	54.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.70%
43) trans-1,3-Dichloropropene-	7.85	79	91517	52.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.18%
47) 2-Hexanone-d5	8.31	63	216983	118.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297019	53.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	244408	53.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.02%

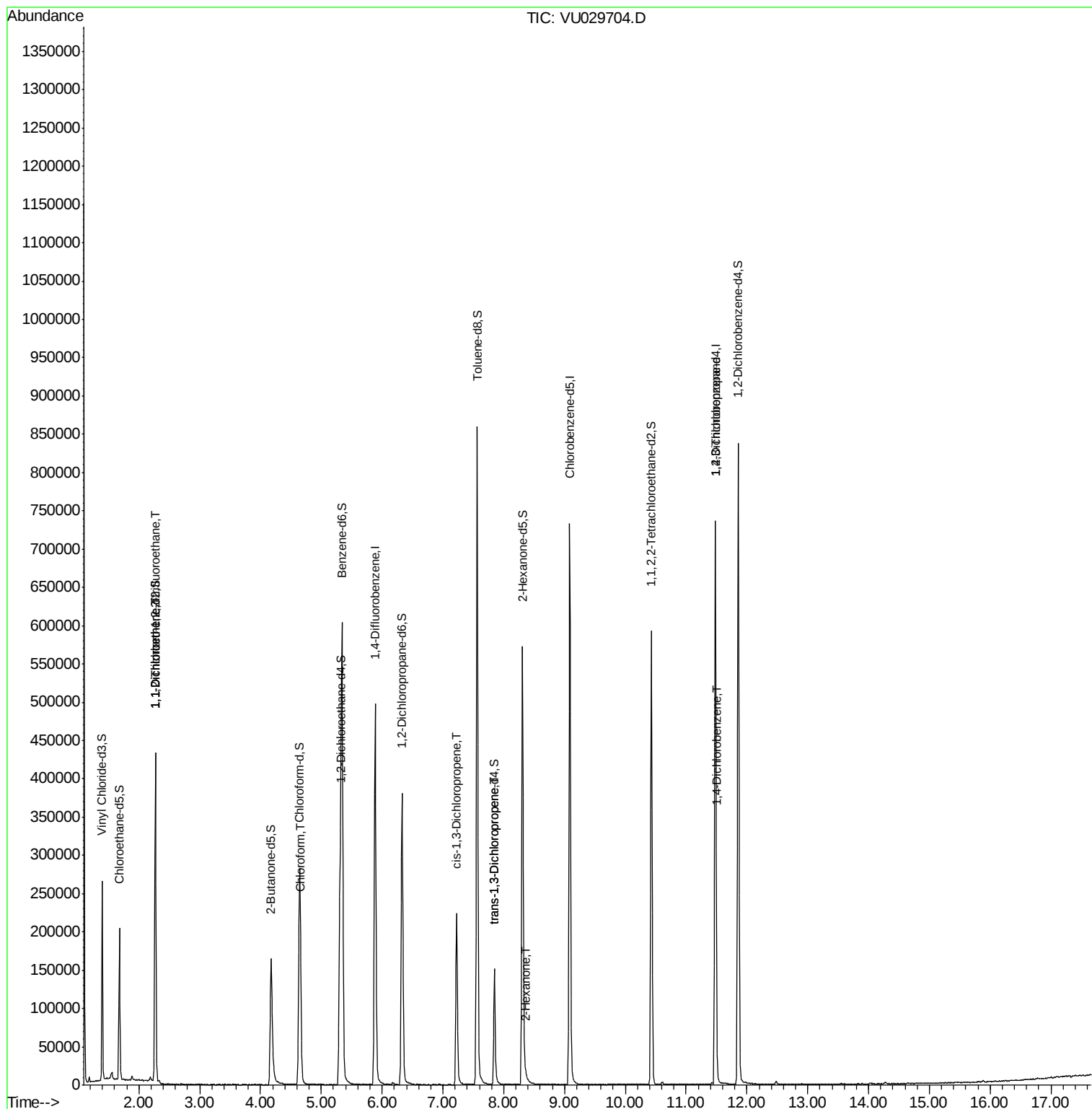
Target Compounds

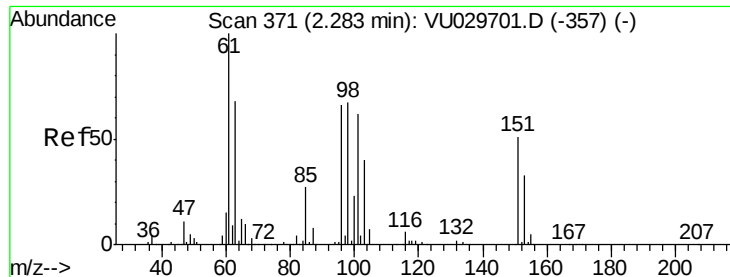
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2348	0.746	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	2101	0.702	ug/L #	1
25) Chloroform	4.67	83	5744	1.078	ug/L #	72
39) cis-1,3-Dichloropropene	7.22	75	5284	1.123	ug/L #	64
44) trans-1,3-Dichloropropene	7.85	75	3729	0.841	ug/L	95
48) 2-Hexanone	8.36	43	3462	0.966	ug/L #	54
59) 1,2,3-Trichloropropane	11.48	75	22203	5.339	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	4752	0.699	ug/L	90

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

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.746 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU029704.D

Acq: 27 Feb 2019 14:57

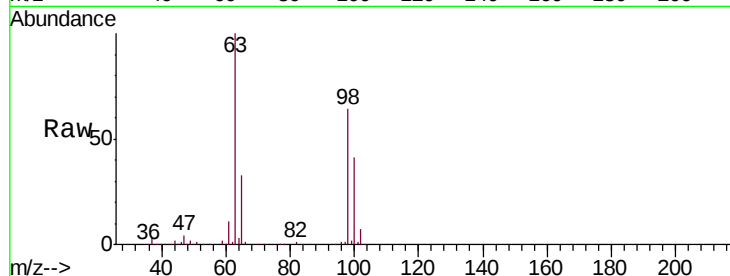
Tgt Ion: 101 Resp: 2348

Ion Ratio Lower Upper

101 100

85 1.9 33.0 49.6#

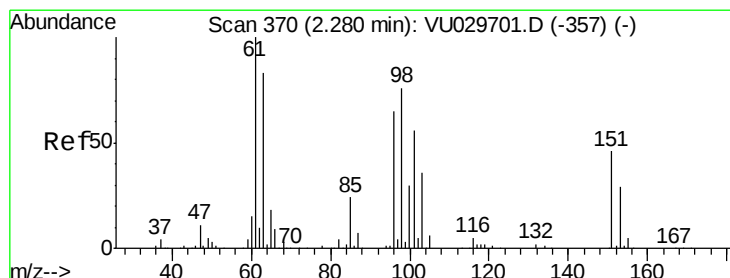
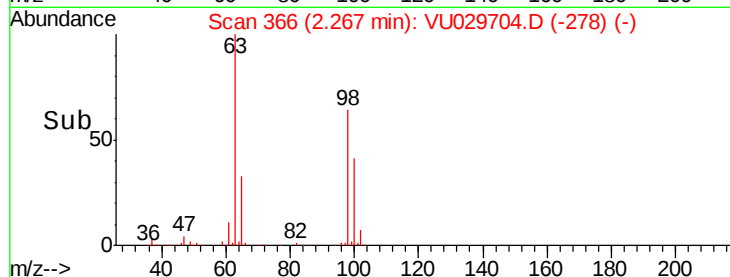
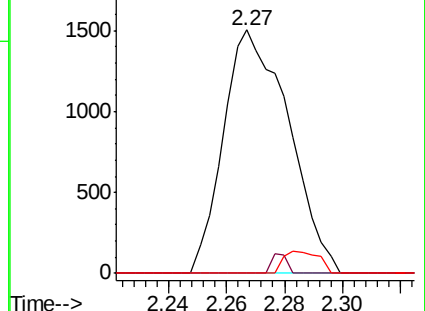
151 4.9 65.7 98.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.702 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029704.D

Acq: 27 Feb 2019 14:57

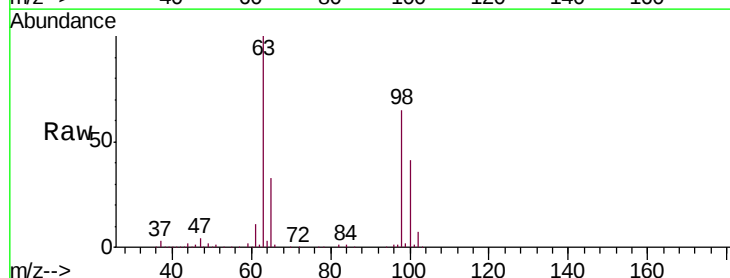
Tgt Ion: 96 Resp: 2101

Ion Ratio Lower Upper

96 100

61 1328.9 114.0 211.8#

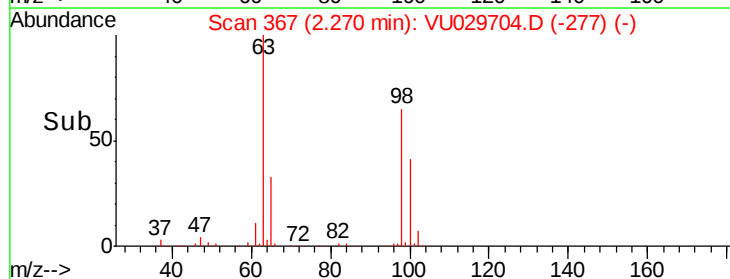
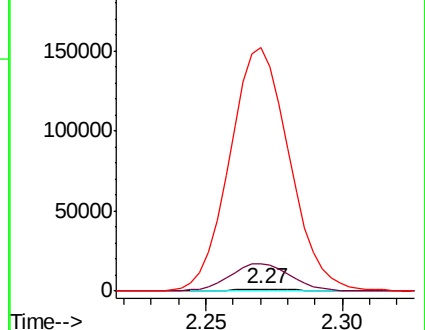
63 11596.0 98.7 183.3#

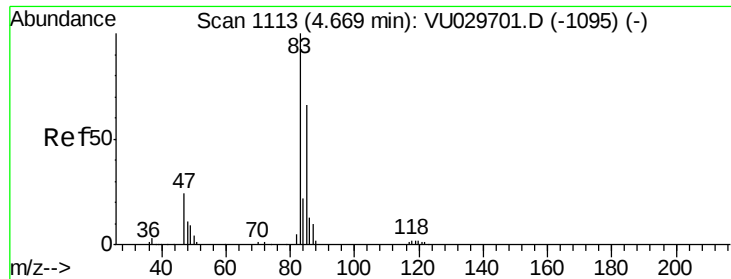


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#25

Chloroform

Concen: 1.078 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU029704.D

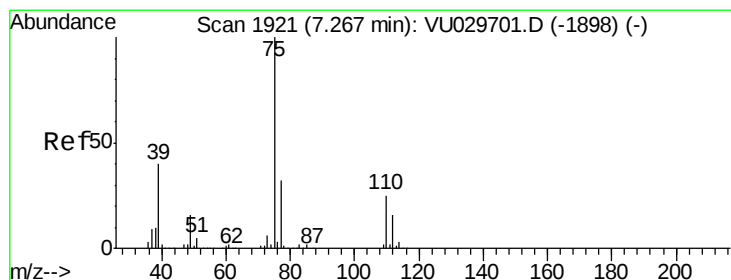
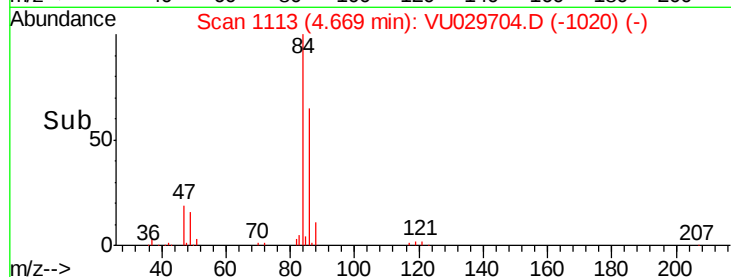
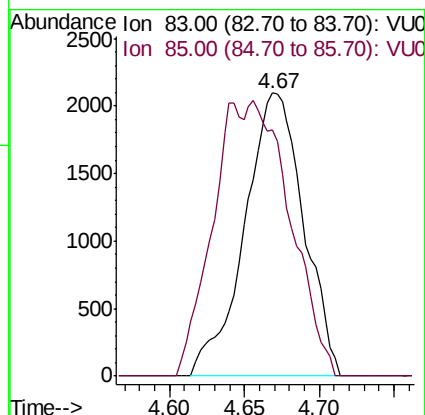
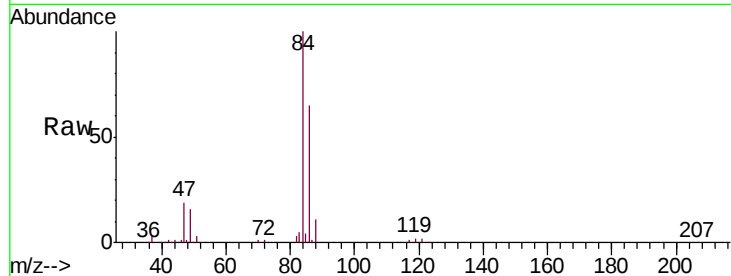
Acq: 27 Feb 2019 14:57

Tgt Ion: 83 Resp: 5744

Ion Ratio Lower Upper

83 100

85 87.2 45.4 84.2#



#39

cis-1,3-Dichloropropene

Concen: 1.123 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029704.D

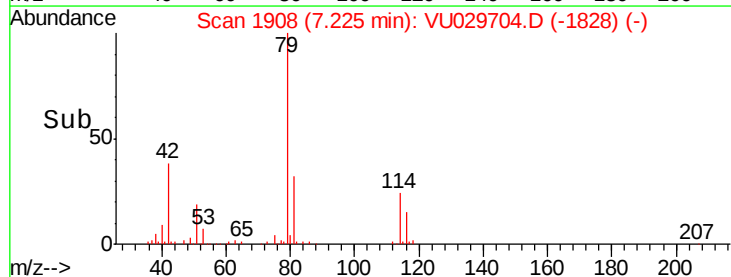
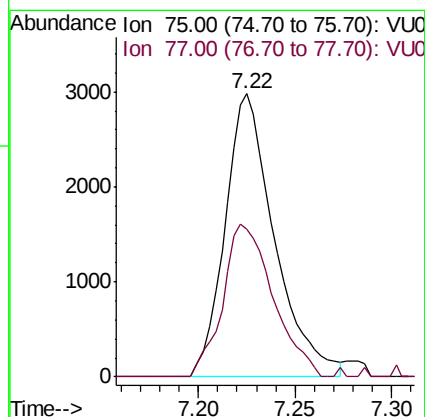
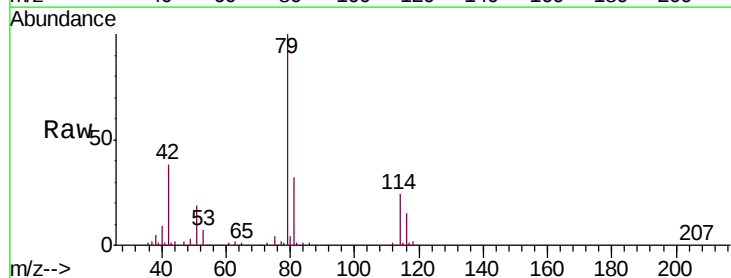
Acq: 27 Feb 2019 14:57

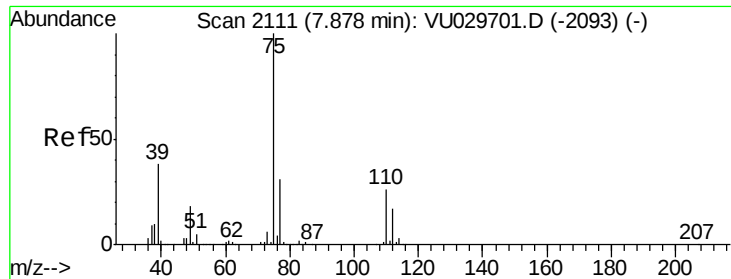
Tgt Ion: 75 Resp: 5284

Ion Ratio Lower Upper

75 100

77 52.1 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.841 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029704.D

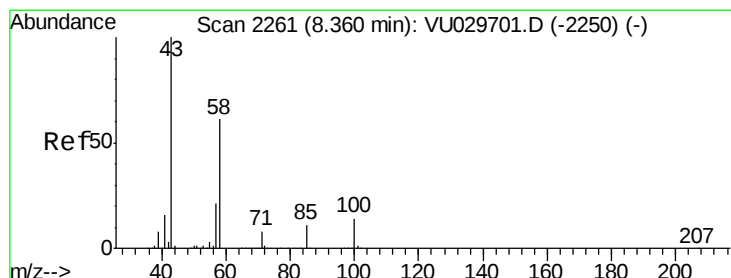
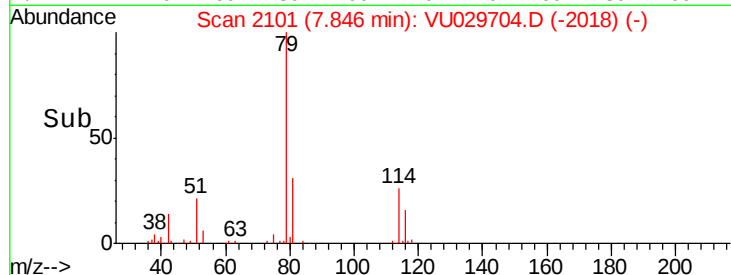
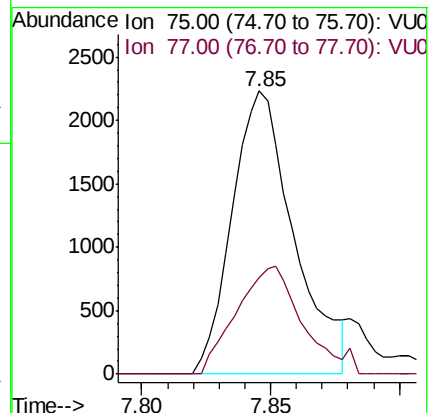
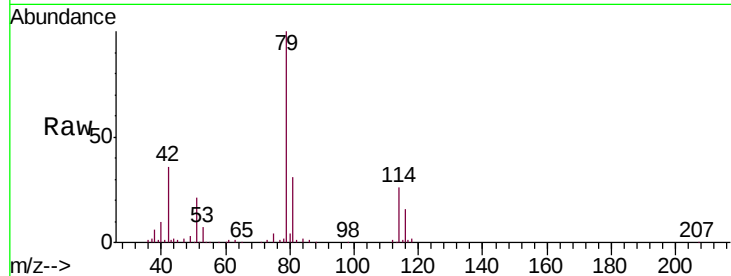
Acq: 27 Feb 2019 14:57

Tgt Ion: 75 Resp: 3729

Ion Ratio Lower Upper

75 100

77 34.2 22.1 41.1



#48

2-Hexanone

Concen: 0.966 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU029704.D

Acq: 27 Feb 2019 14:57

Tgt Ion: 43 Resp: 3462

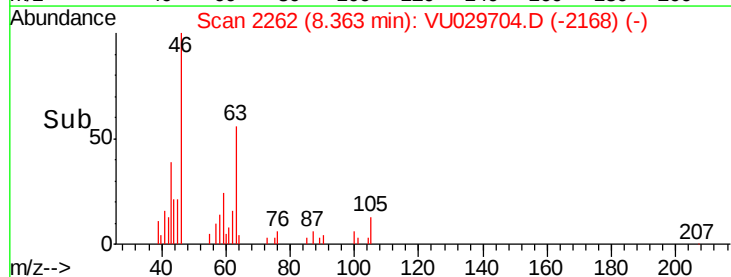
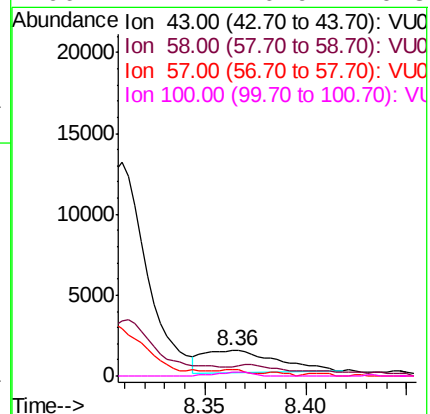
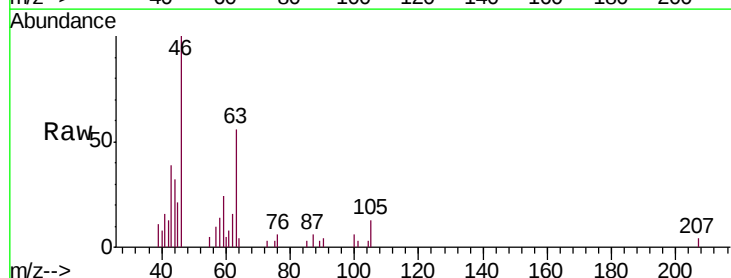
Ion Ratio Lower Upper

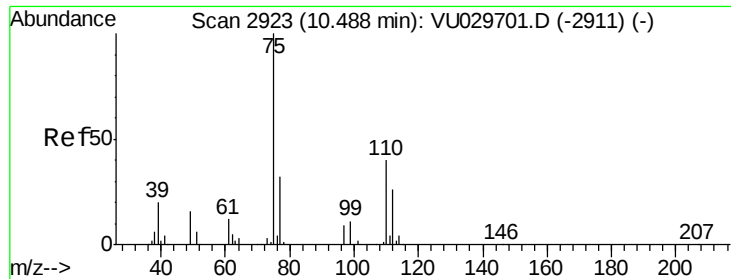
43 100

58 11.4 46.4 69.6#

57 11.7 15.7 23.5#

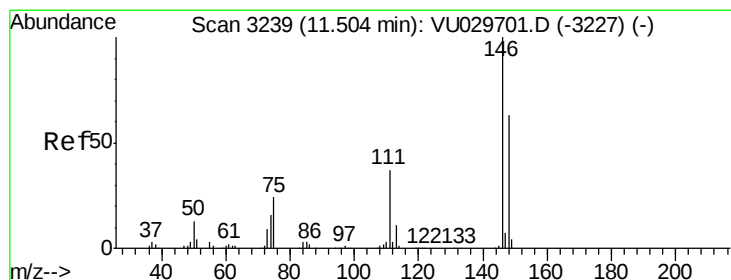
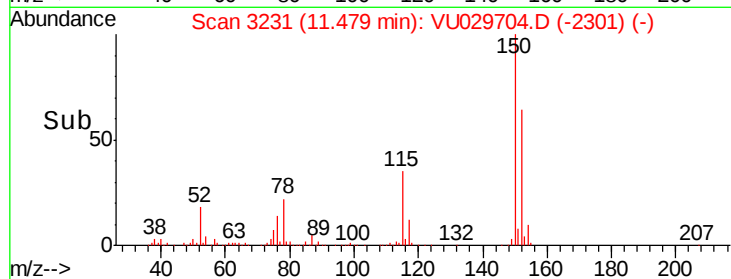
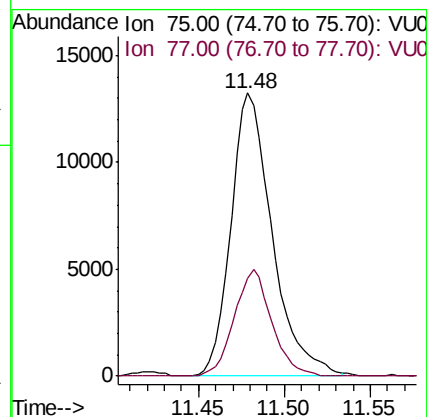
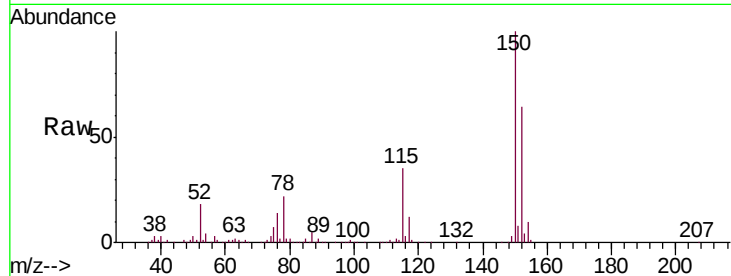
100 7.7 10.9 16.3#





#59
 1,2,3-Trichloropropane
 Concen: 5.339 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU029704.D
 Acq: 27 Feb 2019 14:57

Tgt Ion: 75 Resp: 22203
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.7 38.5



#63
 1,4-Dichlorobenzene
 Concen: 0.699 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU029704.D
 Acq: 27 Feb 2019 14:57

Tgt Ion: 146 Resp: 4752
 Ion Ratio Lower Upper
 146 100
 111 45.2 25.1 46.5
 148 59.7 45.0 83.6

