

Data File : VU029720.D
Acq On : 27 Feb 2019 21:32
Operator : JC/SP
Sample : K1625-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Feb 28 00:56:32 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	452315	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	433079	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	210803	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	152763	46.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.18%
7) Chloroethane-d5	1.68	69	129325	43.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.78%
11) 1,1-Dichloroethene-d2	2.27	63	211959	32.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.44%
21) 2-Butanone-d5	4.17	46	226450	112.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.27%
24) Chloroform-d	4.64	84	275873	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.64%
26) 1,2-Dichloroethane-d4	5.31	65	174951	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.80%
32) Benzene-d6	5.34	84	602077	55.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.50%
36) 1,2-Dichloropropane-d6	6.33	67	182267	55.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.18%
41) Toluene-d8	7.56	98	566895	50.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.94%
43) trans-1,3-Dichloropropene-	7.85	79	84439	48.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.10%
47) 2-Hexanone-d5	8.31	63	187113	102.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	273770	49.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	233418	51.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.76%

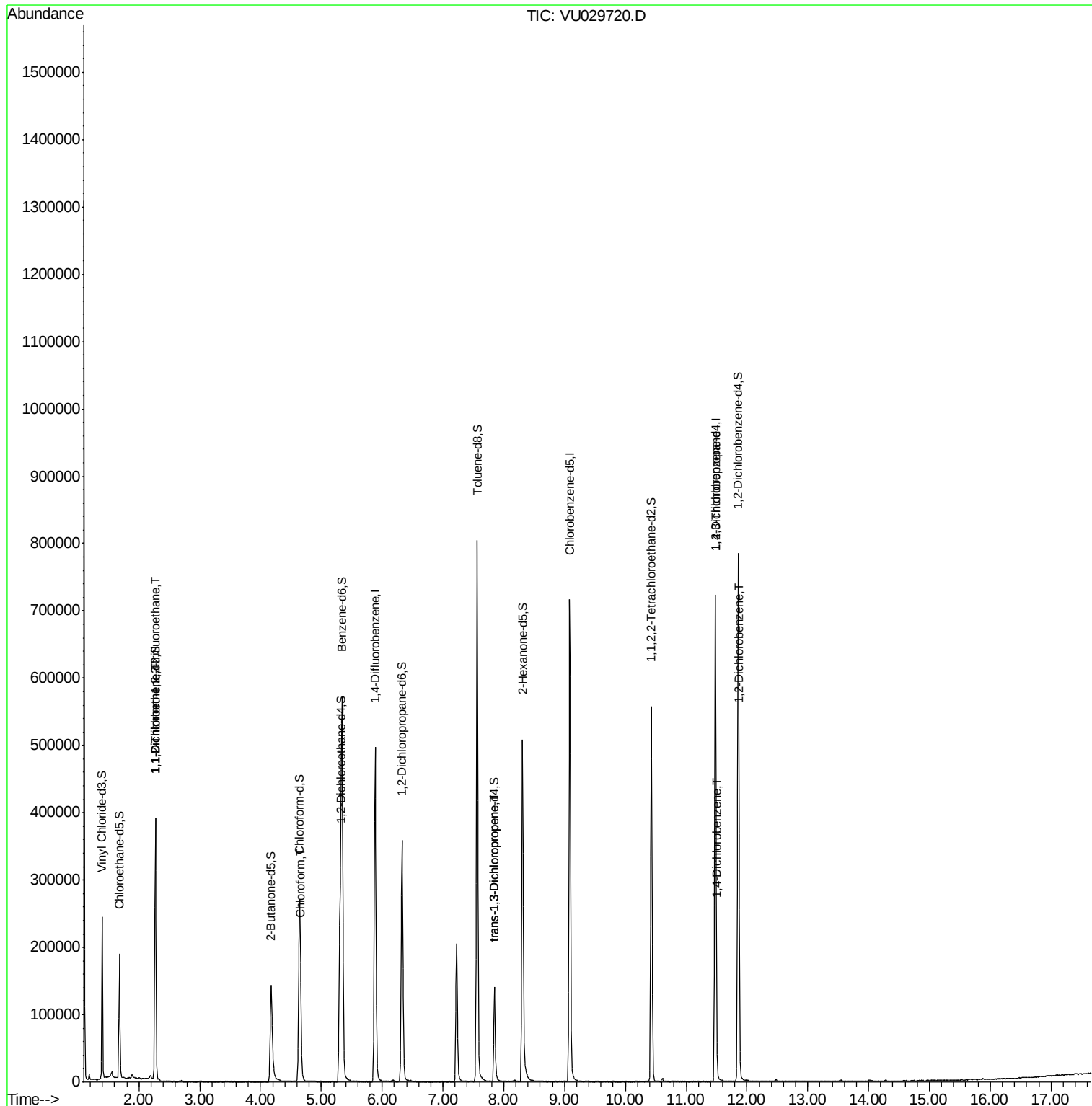
Target Compounds

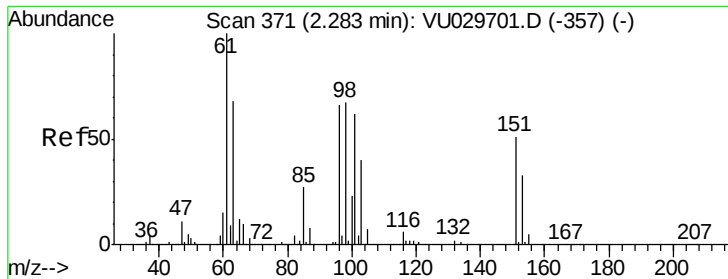
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2117	0.672 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1807	0.603 ug/L #	1
25) Chloroform	4.67	83	7172	1.345 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3539	0.799 ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	21864	5.261 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	4195	0.620 ug/L	94
65) 1,2-Dichlorobenzene	11.88	146	6260	0.892 ug/L	91

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

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#10

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

Concen: 0.672 ug/L

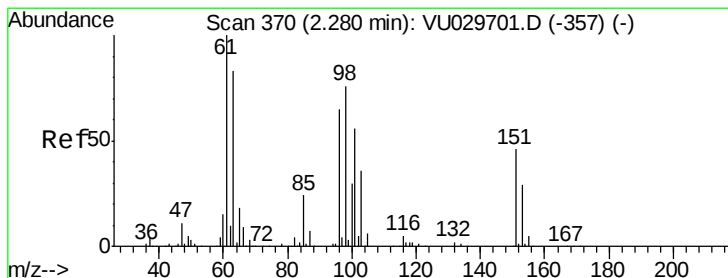
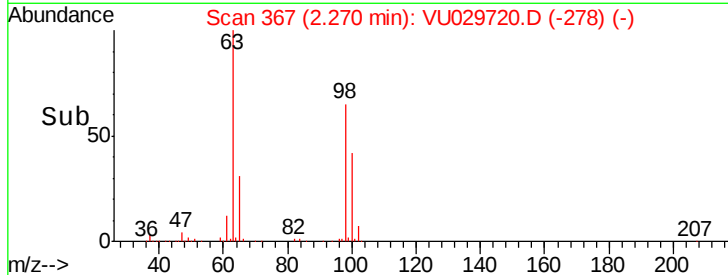
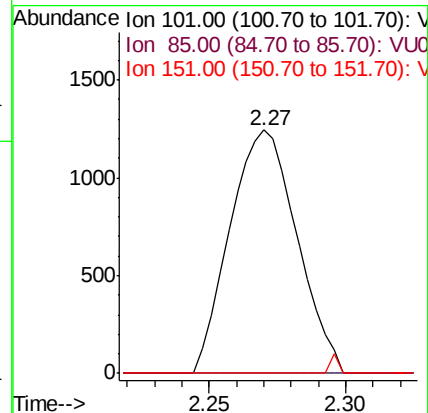
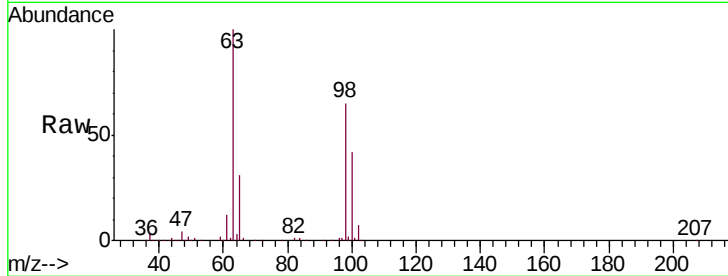
RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Acq: 27 Feb 2019 21:32

Tgt Ion:	101	Resp:	2117
Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.6#
151	0.0	65.7	98.5#



#12

1,1-Dichloroethene

Concen: 0.603 ug/L

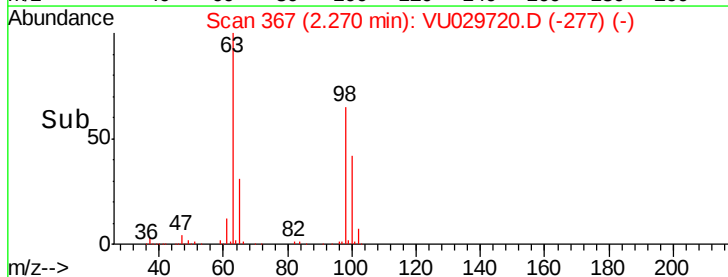
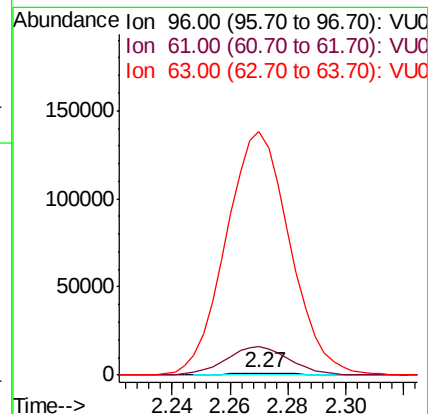
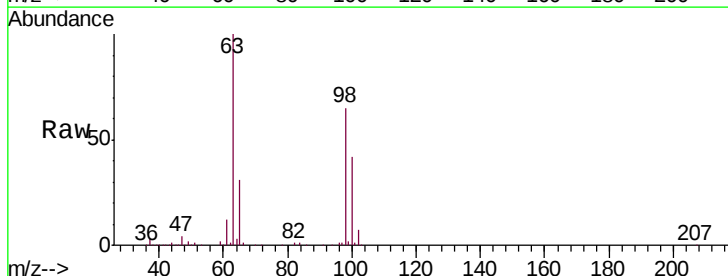
RT: 2.27 min Scan# 367

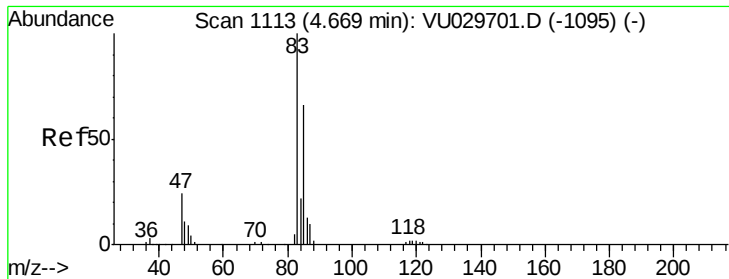
Delta R.T. -0.01 min

Lab File: VU029720.D

Acq: 27 Feb 2019 21:32

Tgt Ion:	96	Resp:	1807
Ion	Ratio	Lower	Upper
96	100		
61	1522.4	114.0	211.8#
63	13029.4	98.7	183.3#





#25

Chloroform

Concen: 1.345 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU029720.D

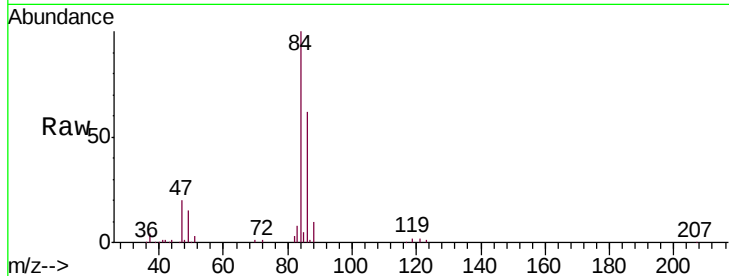
Acq: 27 Feb 2019 21:32

Tgt Ion: 83 Resp: 7172

Ion Ratio Lower Upper

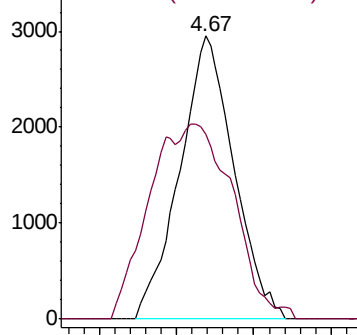
83 100

85 65.4 45.4 84.2

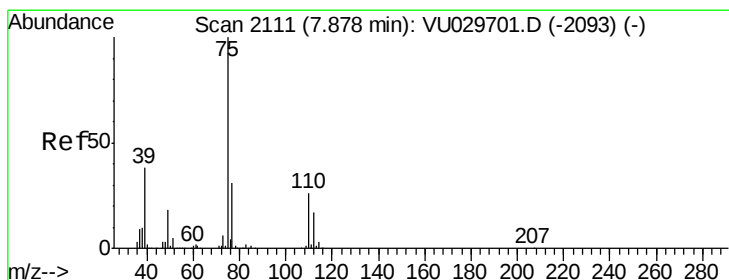
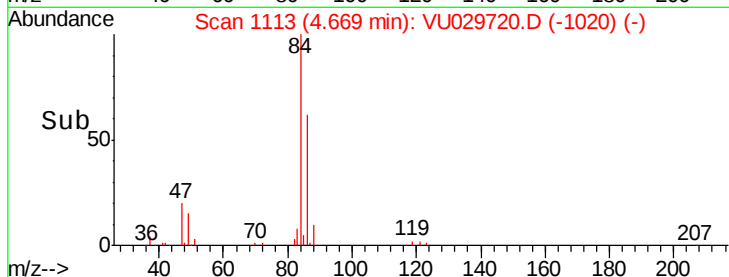


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.799 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029720.D

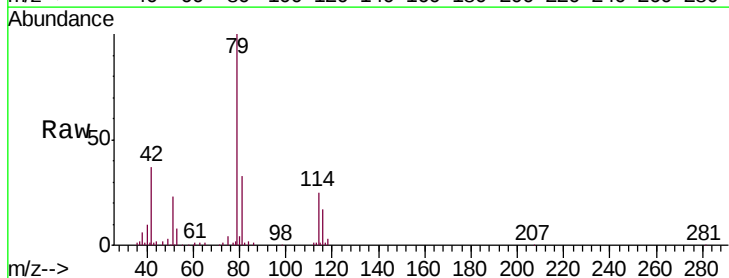
Acq: 27 Feb 2019 21:32

Tgt Ion: 75 Resp: 3539

Ion Ratio Lower Upper

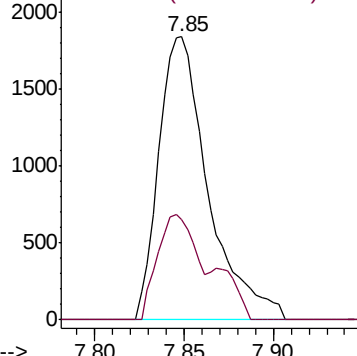
75 100

77 35.3 22.1 41.1

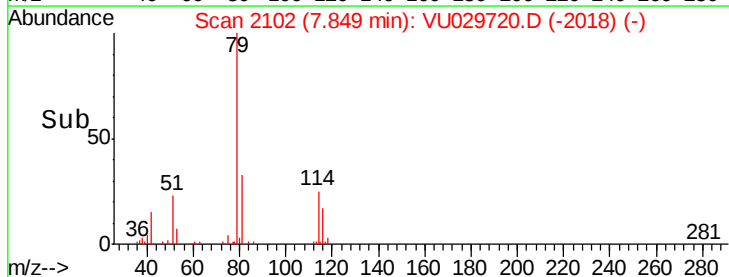


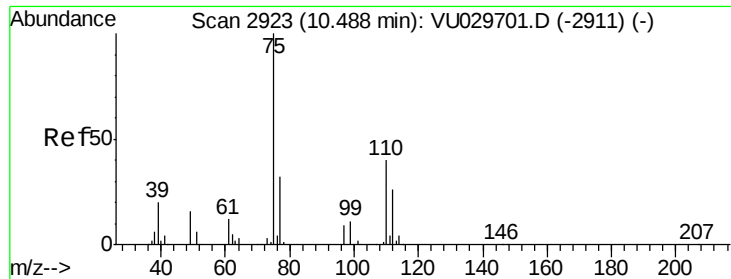
Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



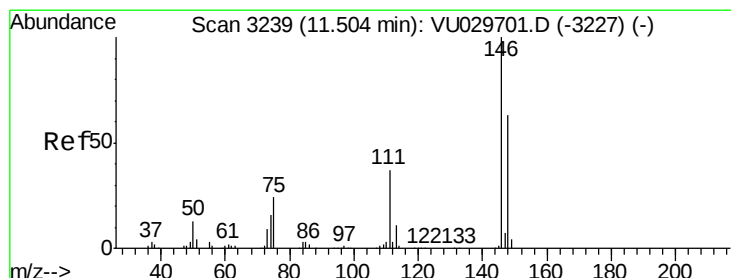
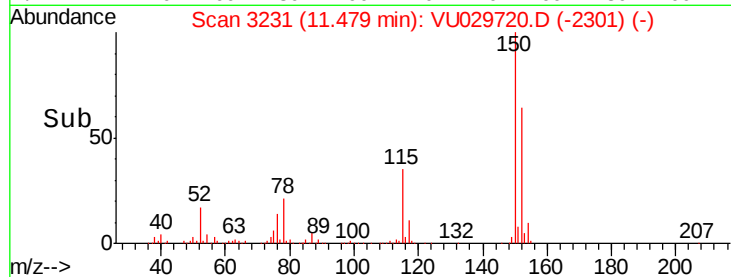
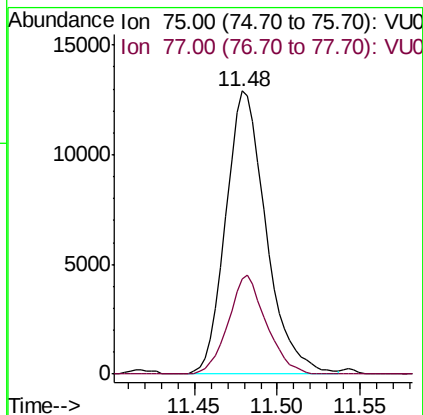
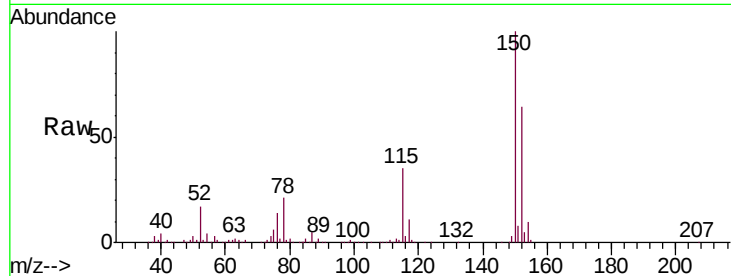
Time-->





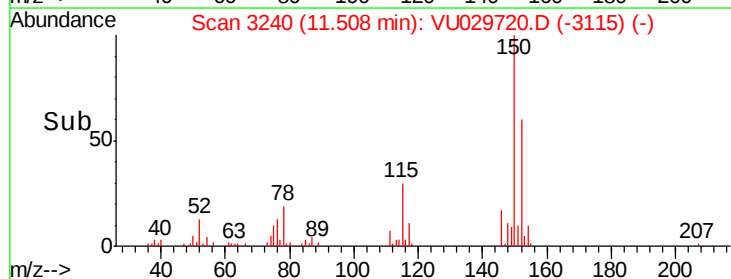
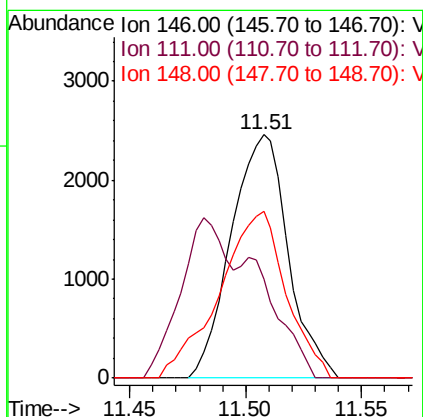
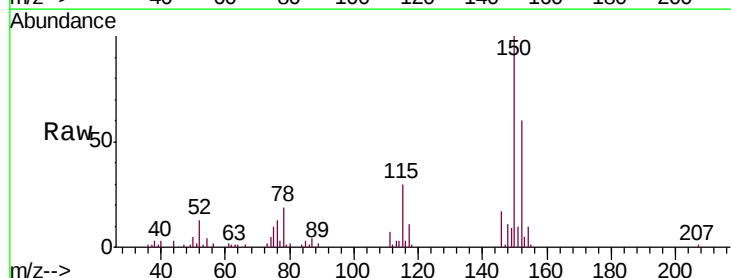
#59
 1,2,3-Trichloropropane
 Concen: 5.261 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU029720.D
 Acq: 27 Feb 2019 21:32

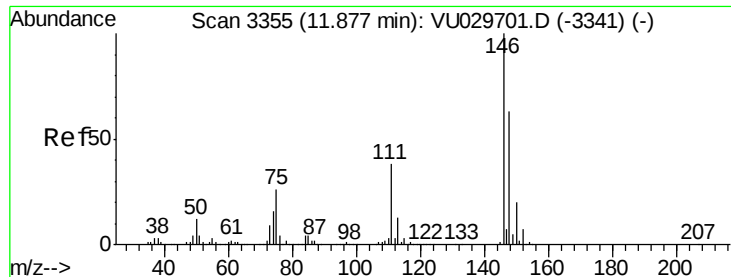
Tgt Ion: 75 Resp: 21864
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.7 38.5



#63
 1,4-Dichlorobenzene
 Concen: 0.620 ug/L
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU029720.D
 Acq: 27 Feb 2019 21:32

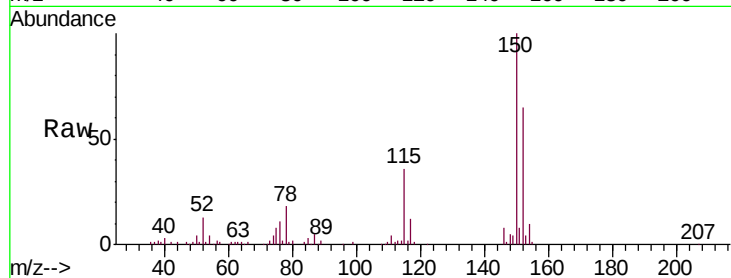
Tgt Ion: 146 Resp: 4195
 Ion Ratio Lower Upper
 146 100
 111 40.5 25.1 46.5
 148 68.3 45.0 83.6





#65
 1,2-Dichlorobenzene
 Concen: 0.892 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VU029720.D
 Acq: 27 Feb 2019 21:32

Tgt Ion:146 Resp: 6260
 Ion Ratio Lower Upper
 146 100
 111 44.8 31.2 46.8
 148 57.6 51.6 77.4



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

