

Data File : VU029713.D
Acq On : 27 Feb 2019 18:50
Operator : JC/SP
Sample : K1623-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Feb 28 00:55:31 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	442674	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	425000	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	207151	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	148551	45.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.60%
7) Chloroethane-d5	1.68	69	127017	44.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.10%
11) 1,1-Dichloroethene-d2	2.27	63	213789	33.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.44%
21) 2-Butanone-d5	4.17	46	218203	110.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.54%
24) Chloroform-d	4.65	84	263752	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.26%
26) 1,2-Dichloroethane-d4	5.31	65	170704	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.50%
32) Benzene-d6	5.34	84	584647	54.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.34%
36) 1,2-Dichloropropane-d6	6.33	67	178170	55.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.76%
41) Toluene-d8	7.56	98	553825	50.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.50%
43) trans-1,3-Dichloropropene-	7.85	79	83134	48.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.42%
47) 2-Hexanone-d5	8.31	63	185871	103.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	268057	49.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	224411	50.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.54%

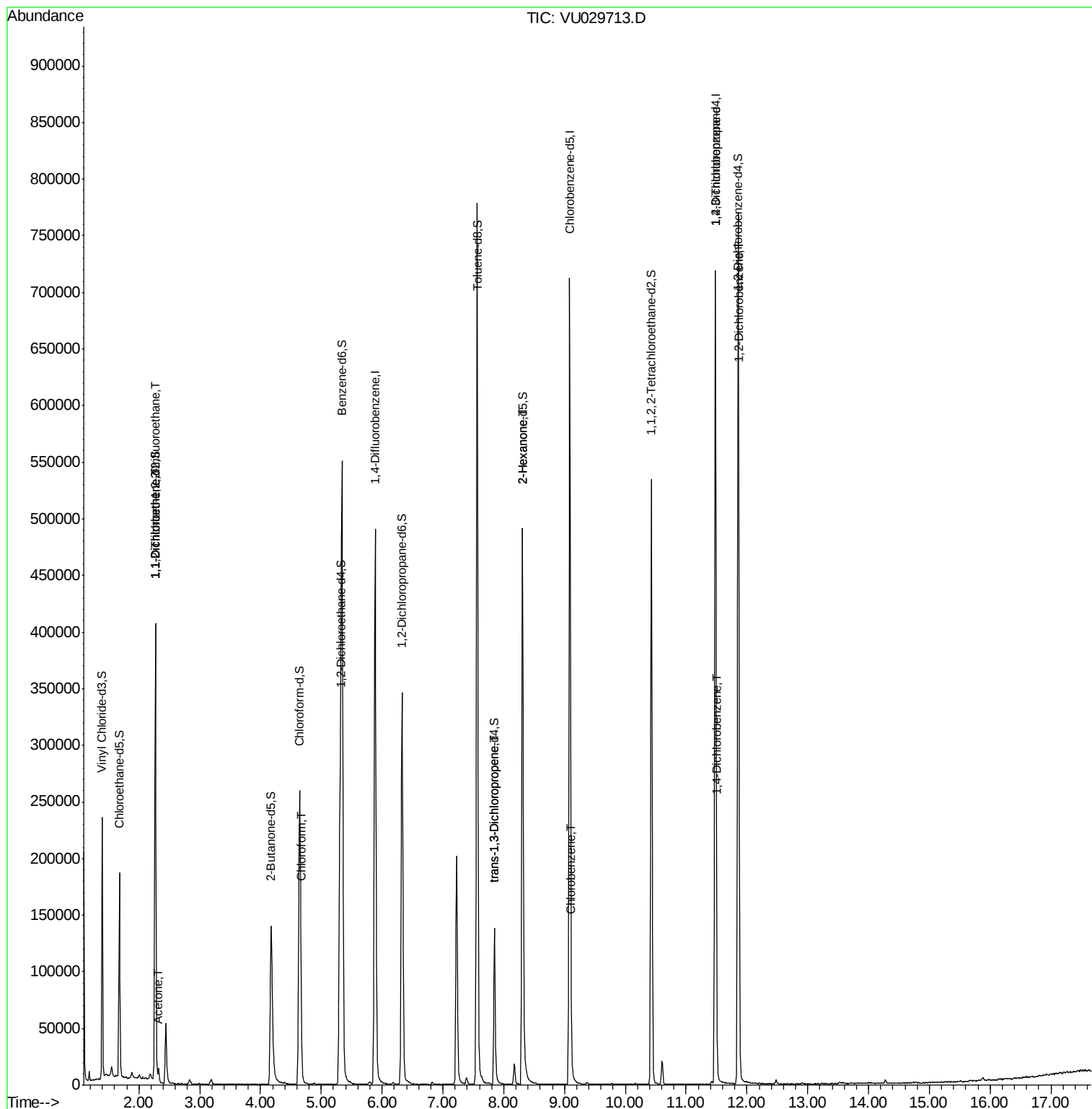
Target Compounds

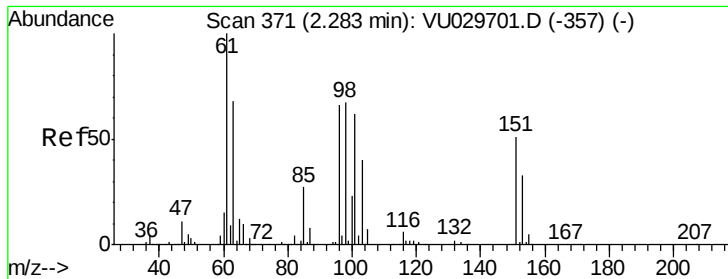
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2413	0.783	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2026	0.691	ug/L #	1
13) Acetone	2.32	43	9886	4.687	ug/L	94
25) Chloroform	4.67	83	6034	1.156	ug/L	82
44) trans-1,3-Dichloropropene	7.85	75	3296	0.758	ug/L	89
48) 2-Hexanone	8.31	43	18299	5.208	ug/L #	68
51) Chlorobenzene	9.12	112	4731	0.535	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	22984	5.636	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	5238	0.788	ug/L #	86
65) 1,2-Dichlorobenzene	11.87	146	5671	0.823	ug/L #	75

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

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#10

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

Concen: 0.783 ug/L

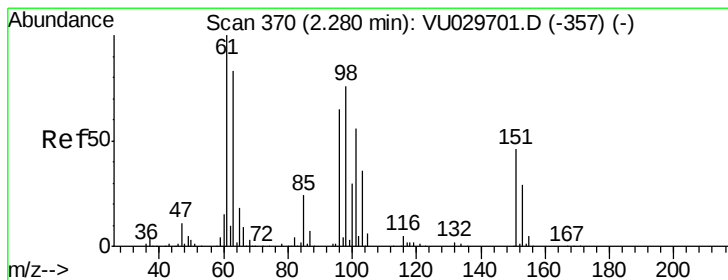
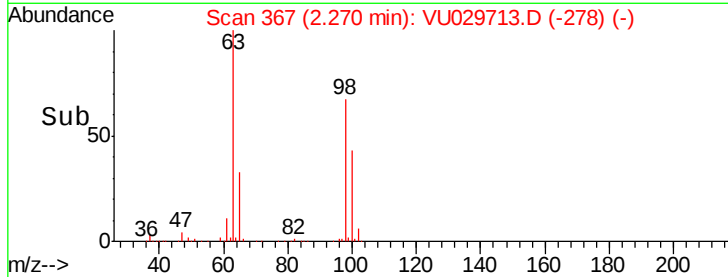
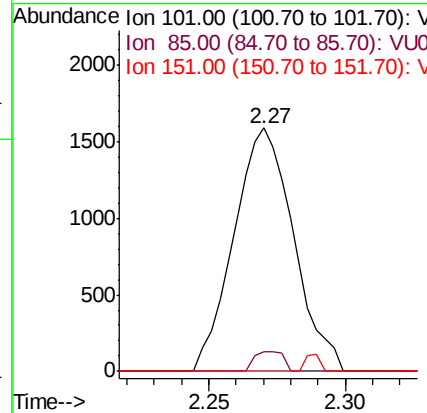
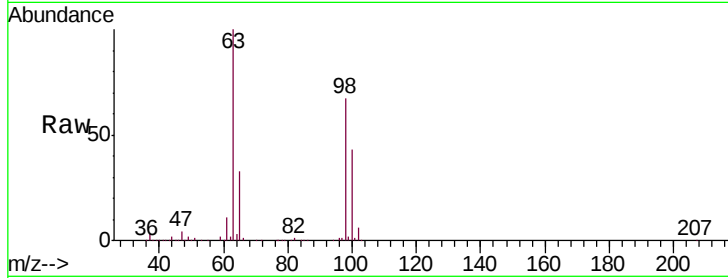
RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029713.D

Acq: 27 Feb 2019 18:50

Tgt Ion:	101	Resp:	2413
Ion	Ratio	Lower	Upper
101	100		
85	3.8	33.0	49.6#
151	1.7	65.7	98.5#



#12

1,1-Dichloroethene

Concen: 0.691 ug/L

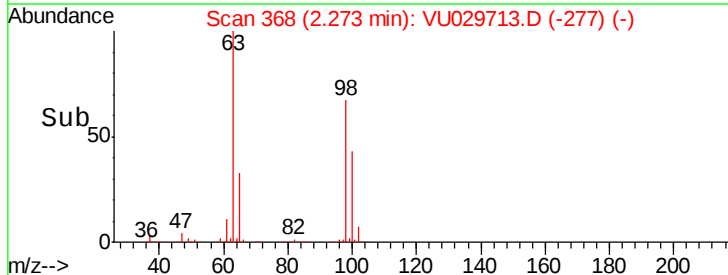
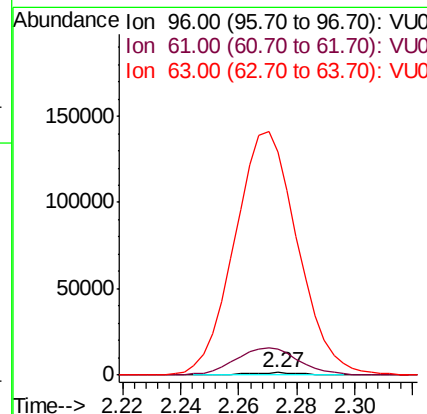
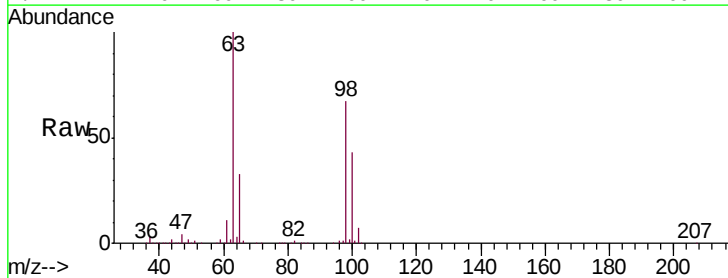
RT: 2.27 min Scan# 368

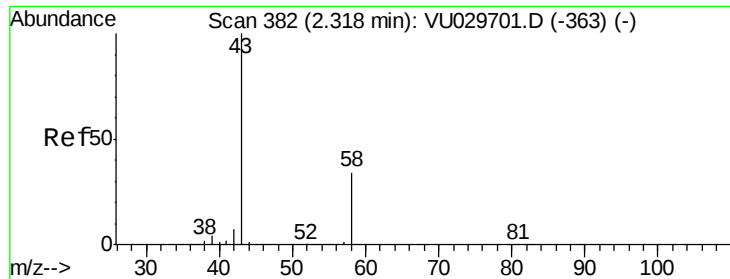
Delta R.T. -0.01 min

Lab File: VU029713.D

Acq: 27 Feb 2019 18:50

Tgt Ion:	96	Resp:	2026
Ion	Ratio	Lower	Upper
96	100		
61	1073.5	114.0	211.8#
63	9369.1	98.7	183.3#





#13

Acetone

Concen: 4.687 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029713.D

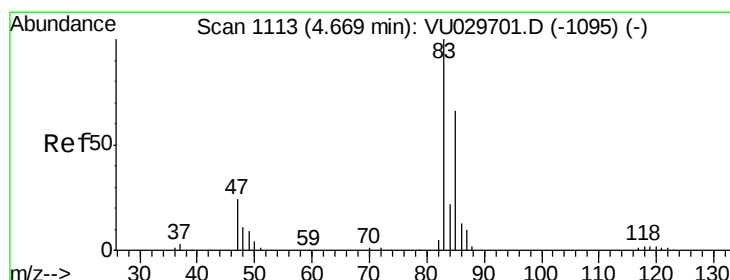
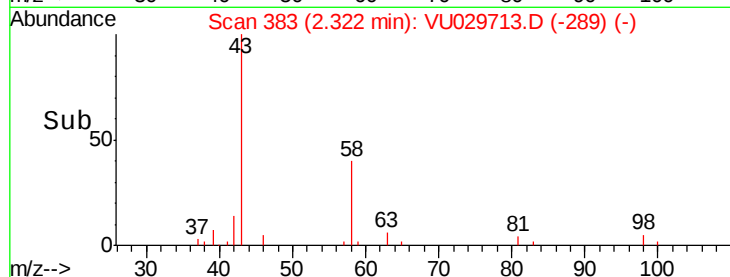
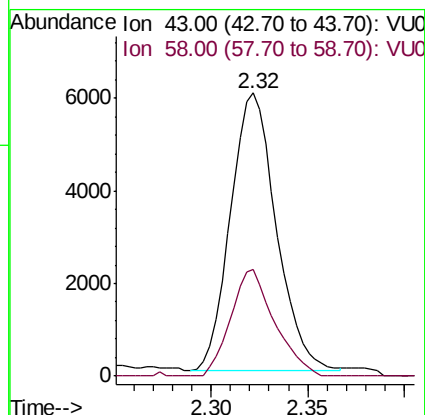
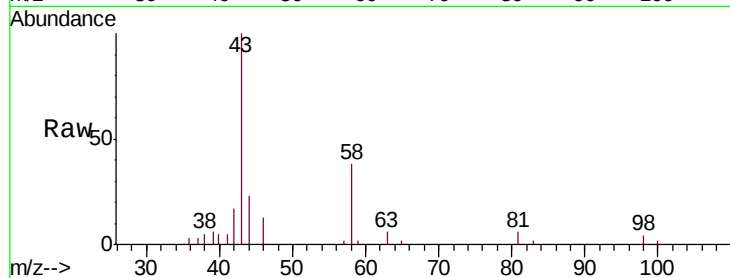
Acq: 27 Feb 2019 18:50

Tgt Ion: 43 Resp: 9886

Ion Ratio Lower Upper

43 100

58 36.5 0.0 66.8



#25

Chloroform

Concen: 1.156 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029713.D

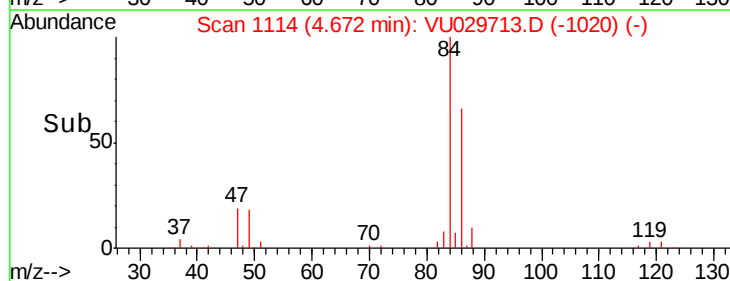
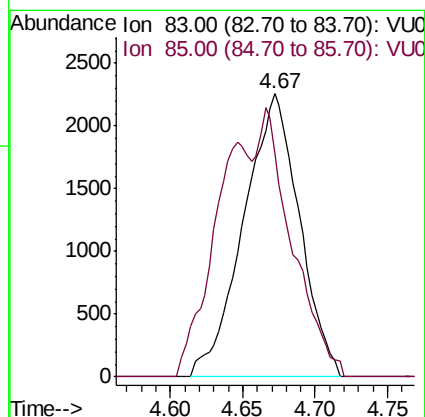
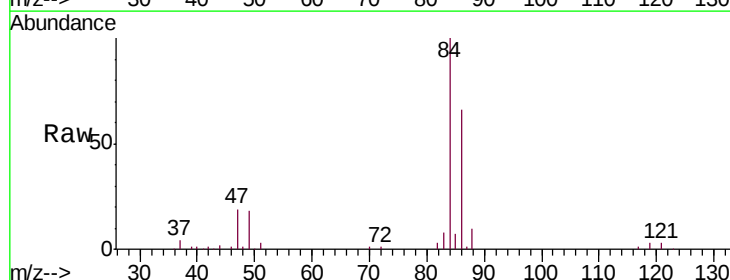
Acq: 27 Feb 2019 18:50

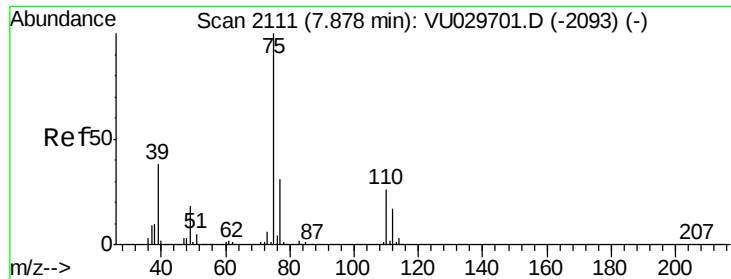
Tgt Ion: 83 Resp: 6034

Ion Ratio Lower Upper

83 100

85 78.9 45.4 84.2





#44

trans-1,3-Dichloropropene

Concen: 0.758 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029713.D

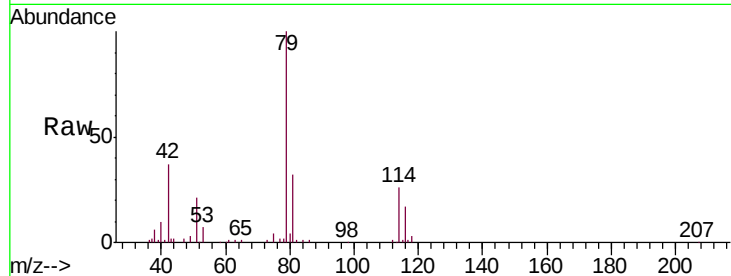
Acq: 27 Feb 2019 18:50

Tgt Ion: 75 Resp: 3296

Ion Ratio Lower Upper

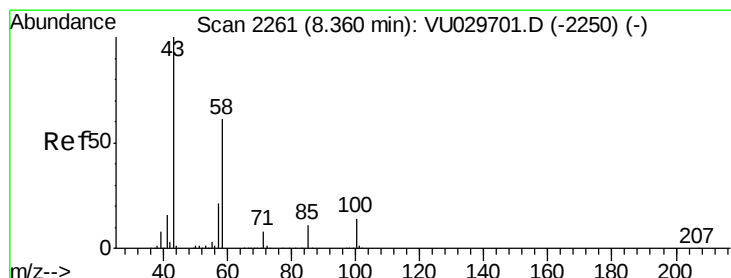
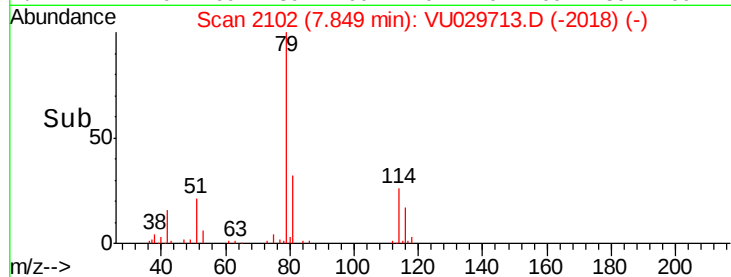
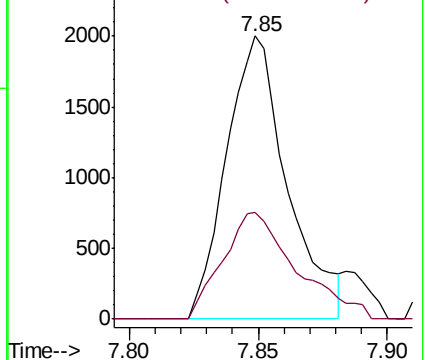
75 100

77 37.8 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#48

2-Hexanone

Concen: 5.208 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU029713.D

Acq: 27 Feb 2019 18:50

Tgt Ion: 43 Resp: 18299

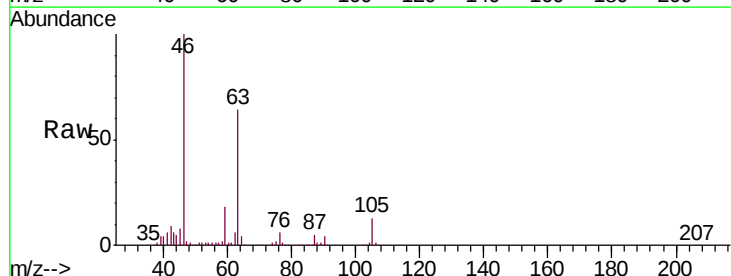
Ion Ratio Lower Upper

43 100

58 29.9 46.4 69.6#

57 24.7 15.7 23.5#

100 0.0 10.9 16.3#

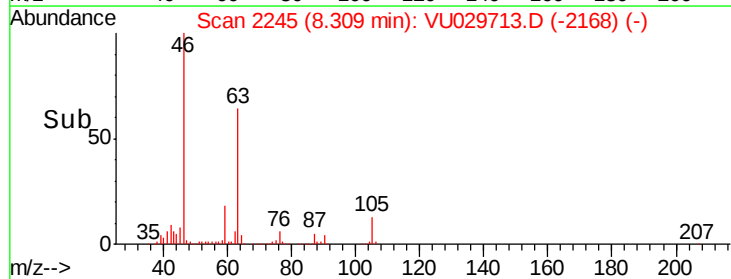
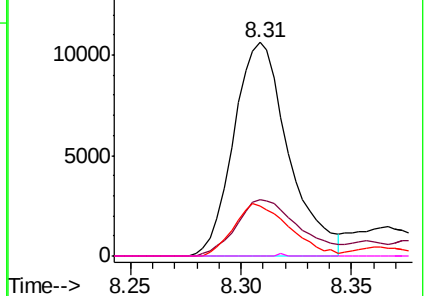


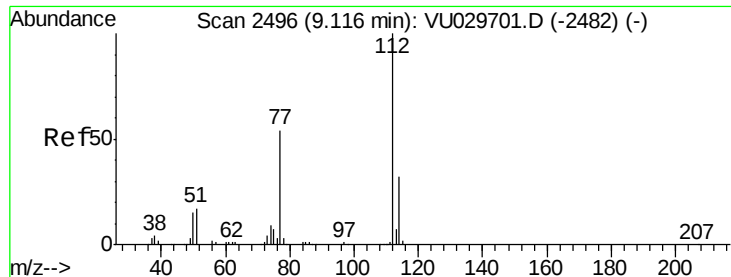
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

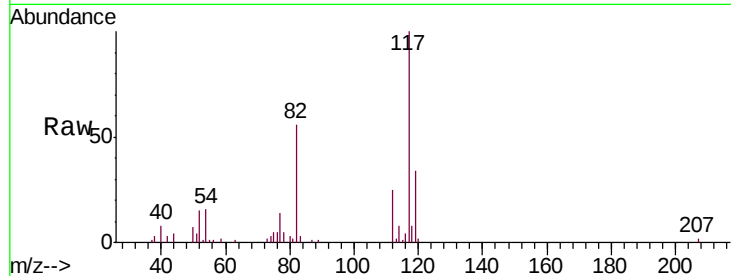
Ion 100.00 (99.70 to 100.70): VU0



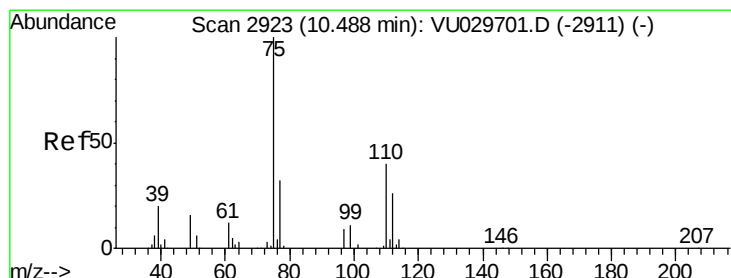
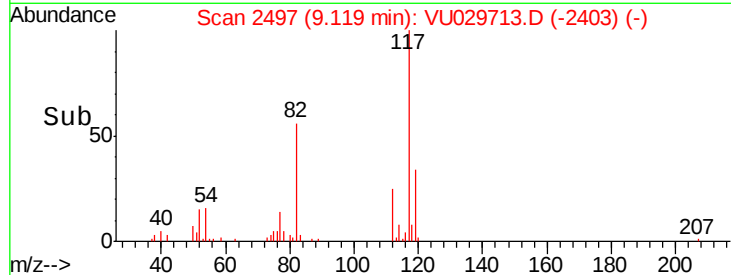
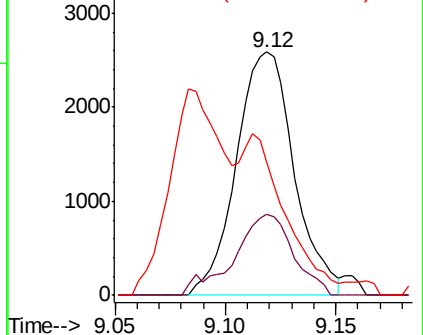


#51
Chlorobenzene
Concen: 0.535 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU029713.D
Acq: 27 Feb 2019 18:50

Tgt Ion: 112 Resp: 4731
Ion Ratio Lower Upper
112 100
114 33.1 22.7 42.1
77 54.8 42.1 63.1

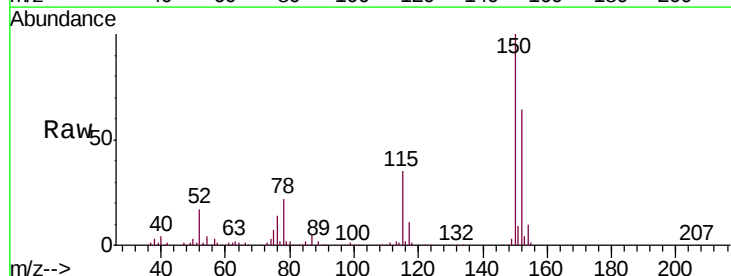


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

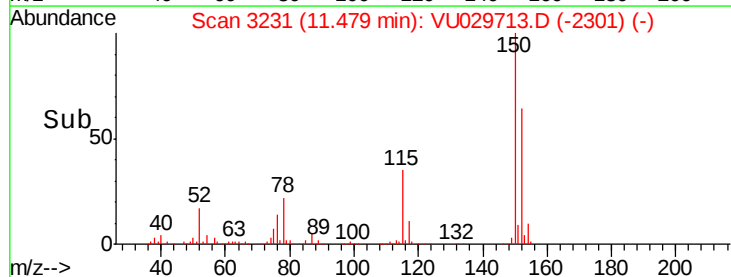
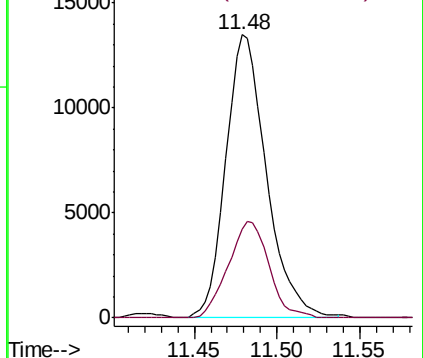


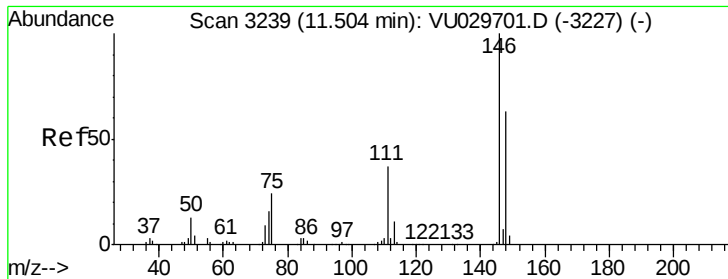
#59
1,2,3-Trichloropropane
Concen: 5.636 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029713.D
Acq: 27 Feb 2019 18:50

Tgt Ion: 75 Resp: 22984
Ion Ratio Lower Upper
75 100
77 33.9 25.7 38.5



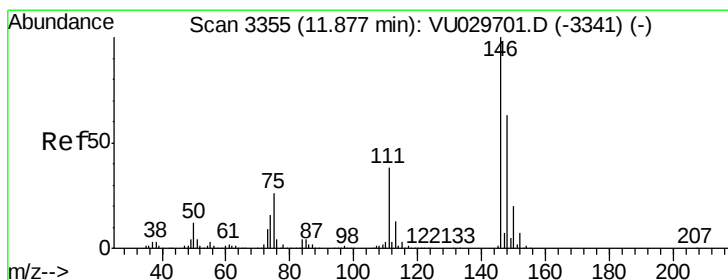
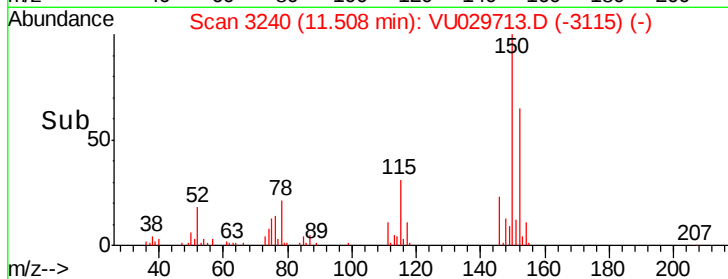
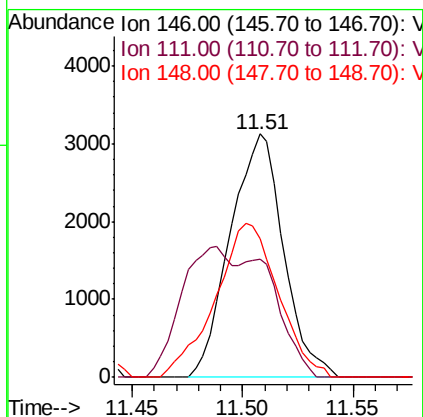
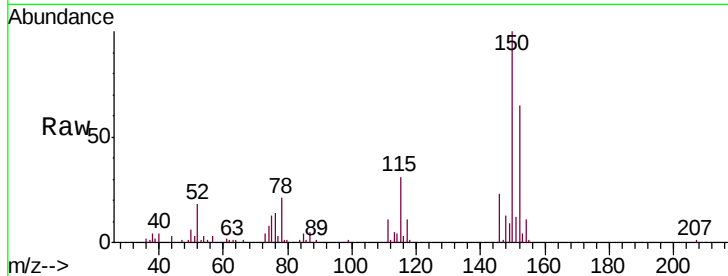
Abundance Ion 75.00 (74.70 to 75.70): VU
Ion 77.00 (76.70 to 77.70): VU





#63
 1,4-Dichlorobenzene
 Concen: 0.788 ug/L
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU029713.D
 Acq: 27 Feb 2019 18:50

Tgt Ion:146 Resp: 5238
 Ion Ratio Lower Upper
 146 100
 111 48.6 25.1 46.5#
 148 57.1 45.0 83.6



#65
 1,2-Dichlorobenzene
 Concen: 0.823 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VU029713.D
 Acq: 27 Feb 2019 18:50

Tgt Ion:146 Resp: 5671
 Ion Ratio Lower Upper
 146 100
 111 62.6 31.2 46.8#
 148 77.4 51.6 77.4

