

Data File : VU029709.D
Acq On : 27 Feb 2019 16:53
Operator : JC/SP
Sample : K1625-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Feb 28 00:54:40 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	464459	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	442110	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	208981	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	155171	45.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.18%
7) Chloroethane-d5	1.68	69	131179	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.72%
11) 1,1-Dichloroethene-d2	2.27	63	220593	33.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.32%
21) 2-Butanone-d5	4.17	46	269716	130.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	130.23%#
24) Chloroform-d	4.64	84	278621	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
26) 1,2-Dichloroethane-d4	5.31	65	174933	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
32) Benzene-d6	5.34	84	601965	54.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.22%
36) 1,2-Dichloropropane-d6	6.33	67	185526	55.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.86%
41) Toluene-d8	7.56	98	571808	50.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.74%
43) trans-1,3-Dichloropropene-	7.85	79	84367	47.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.04%
47) 2-Hexanone-d5	8.31	63	240575	129.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	129.07%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	284071	50.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	228608	50.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.52%

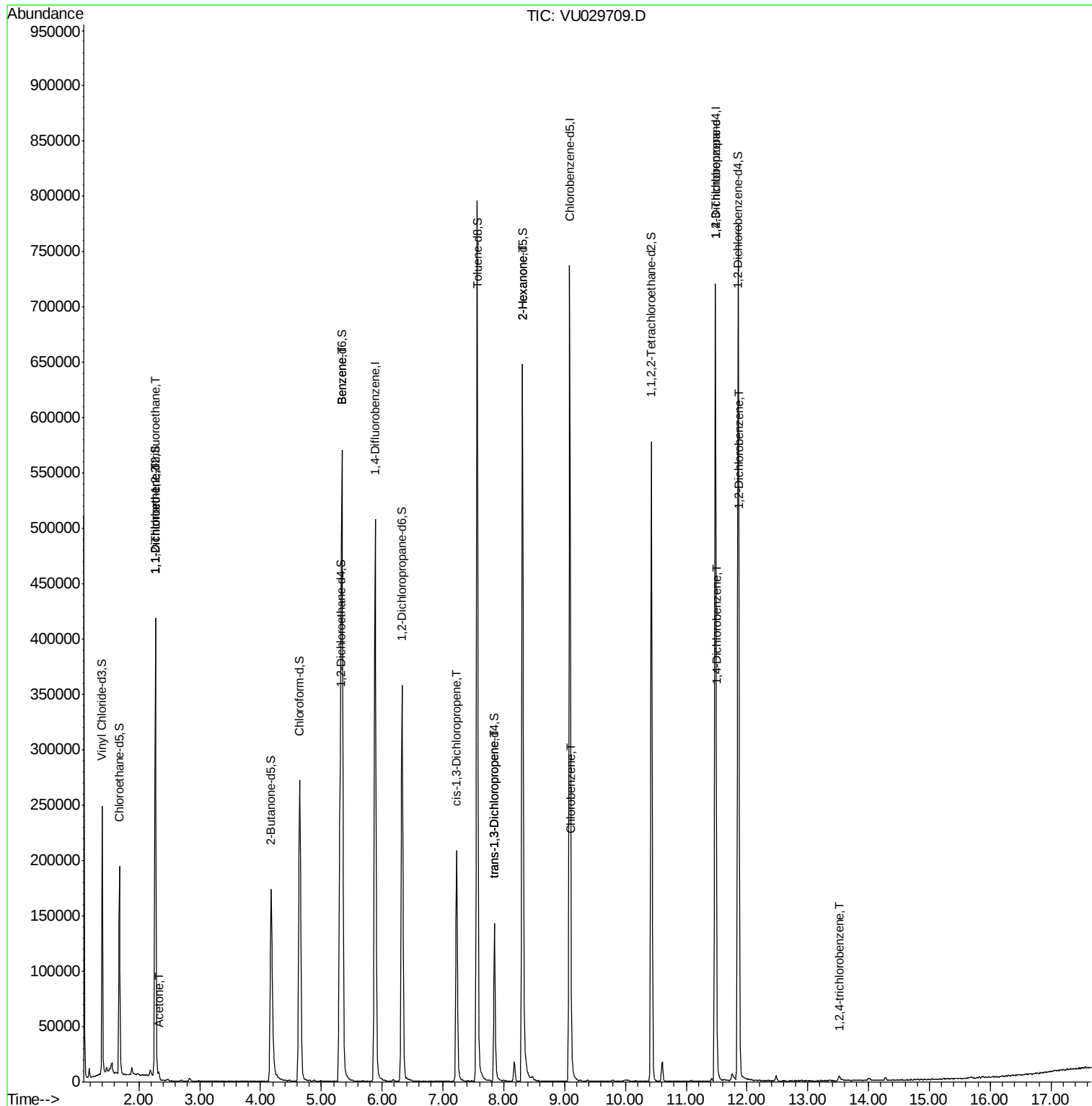
Target Compounds

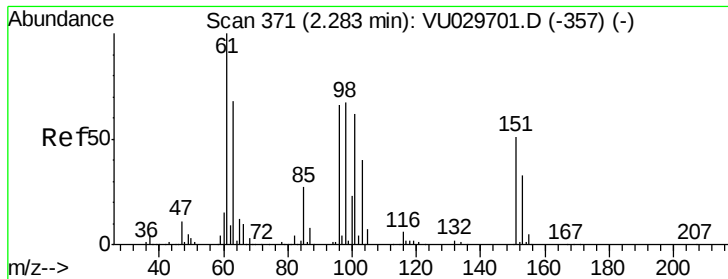
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2507	0.775	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2262	0.735	ug/L #	1
13) Acetone	2.32	43	4536	2.050	ug/L	97
33) Benzene	5.34	78	4487	0.396	ug/L	100
39) cis-1,3-Dichloropropene	7.23	75	5158	1.074	ug/L #	77
44) trans-1,3-Dichloropropene	7.85	75	3258	0.720	ug/L #	81
48) 2-Hexanone	8.31	43	24867	6.803	ug/L #	70
51) Chlorobenzene	9.12	112	6952	0.756	ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	23047	5.432	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	8377	1.249	ug/L	93
65) 1,2-Dichlorobenzene	11.88	146	9013	1.296	ug/L	99
68) 1,2,4-trichlorobenzene	13.52	180	2799	0.636	ug/L #	92

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

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#10

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

Concen: 0.775 ug/L

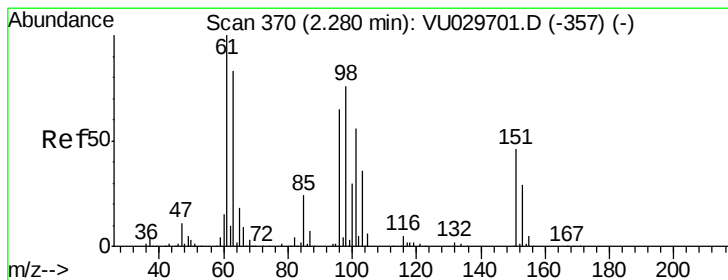
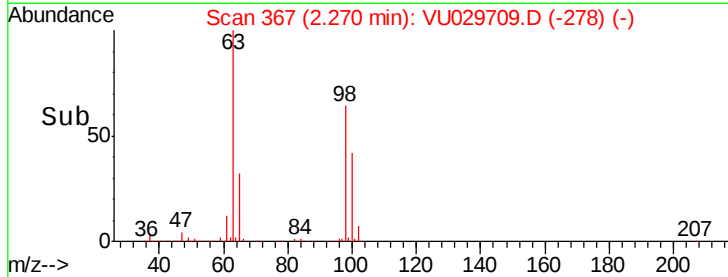
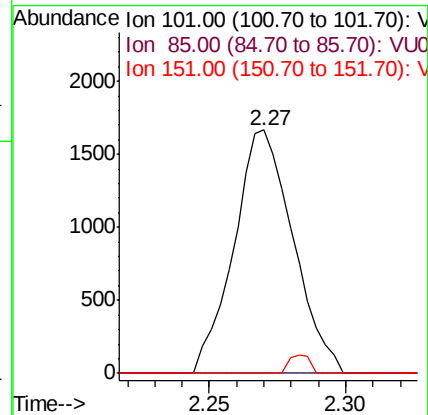
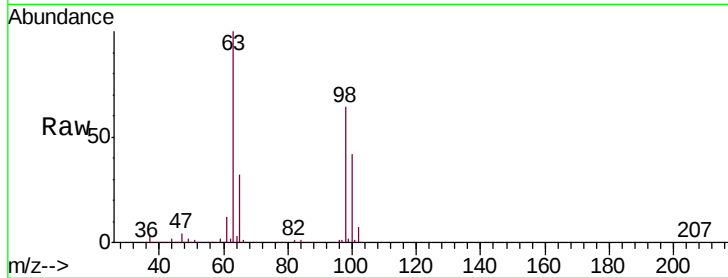
RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029709.D

Acq: 27 Feb 2019 16:53

Tgt Ion:	101	Resp:	2507
Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.6#
151	2.7	65.7	98.5#



#12

1,1-Dichloroethene

Concen: 0.735 ug/L

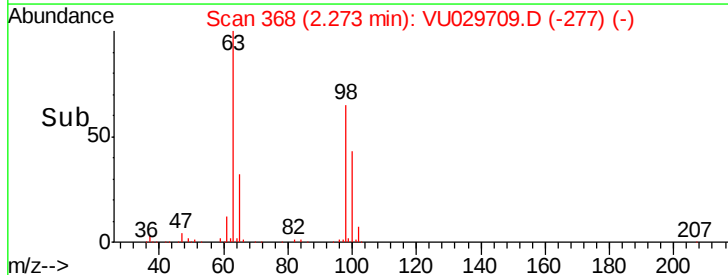
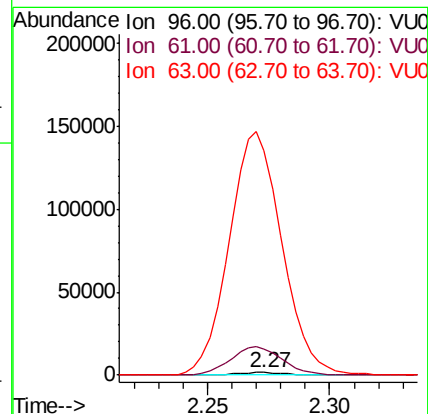
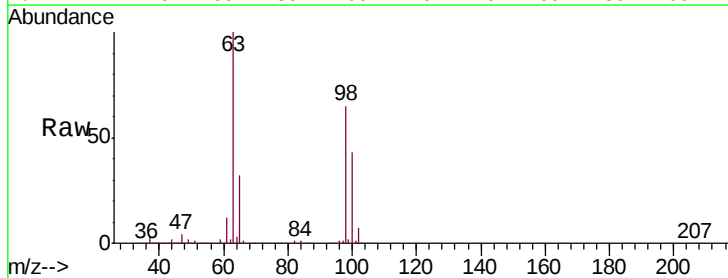
RT: 2.27 min Scan# 368

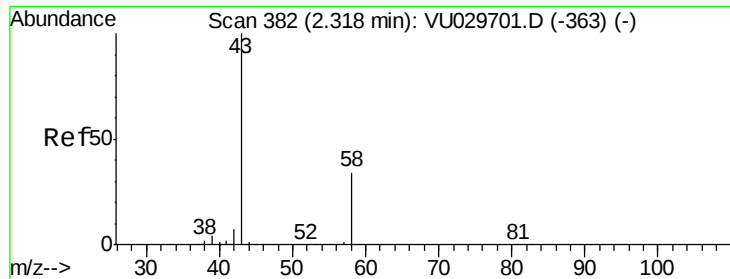
Delta R.T. -0.01 min

Lab File: VU029709.D

Acq: 27 Feb 2019 16:53

Tgt Ion:	96	Resp:	2262
Ion	Ratio	Lower	Upper
96	100		
61	1087.3	114.0	211.8#
63	9205.2	98.7	183.3#





#13

Acetone

Concen: 2.050 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029709.D

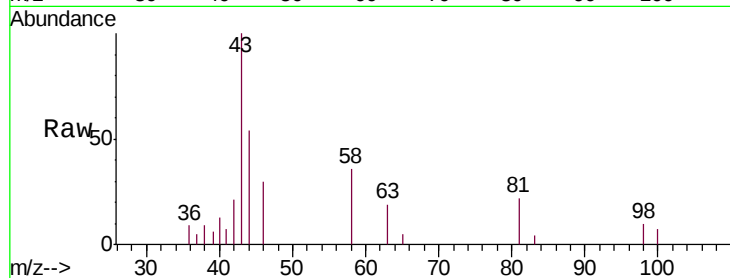
Acq: 27 Feb 2019 16:53

Tgt Ion: 43 Resp: 4536

Ion Ratio Lower Upper

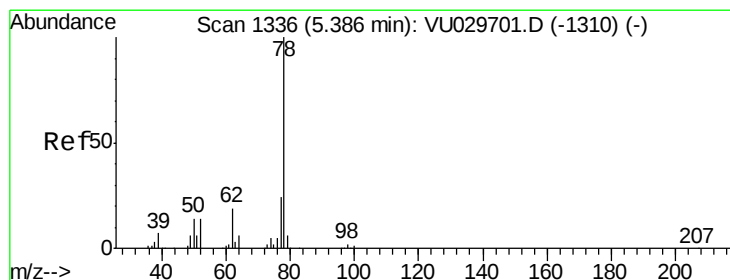
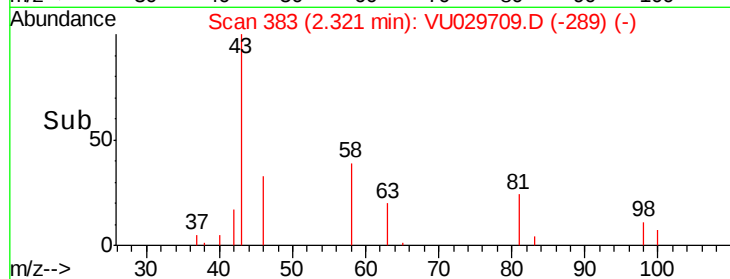
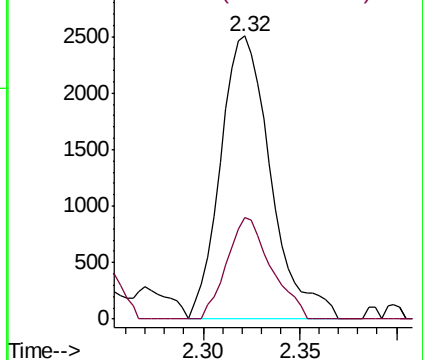
43 100

58 31.4 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU029701.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU029701.D (-363) (-)



#33

Benzene

Concen: 0.396 ug/L

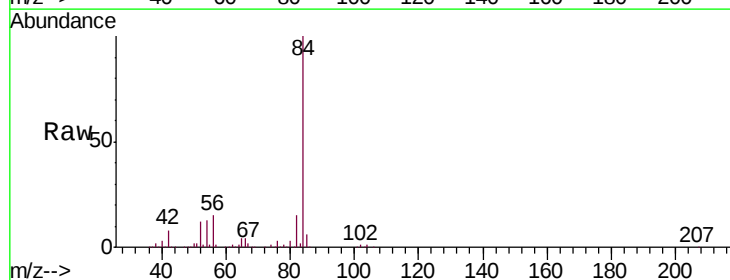
RT: 5.34 min Scan# 1321

Delta R.T. -0.05 min

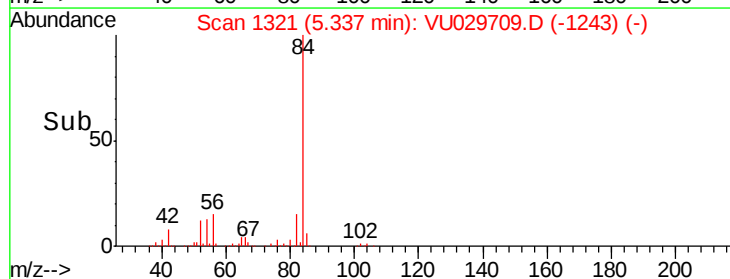
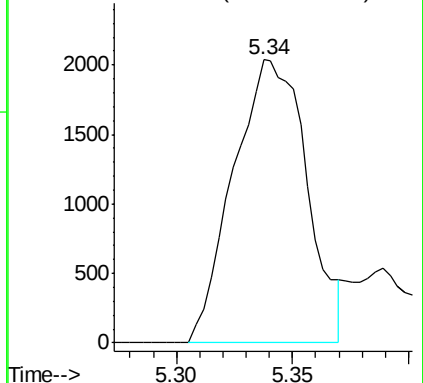
Lab File: VU029709.D

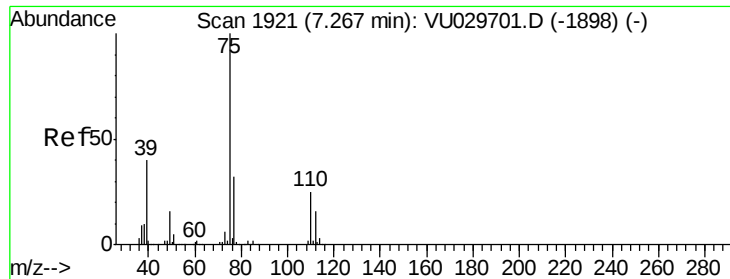
Acq: 27 Feb 2019 16:53

Tgt Ion: 78 Resp: 4487



Abundance Ion 78.00 (77.70 to 78.70): VU029701.D (-1310) (-)





#39

cis-1,3-Dichloropropene

Concen: 1.074 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU029709.D

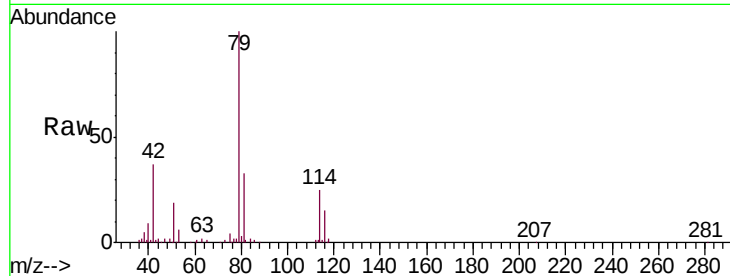
Acq: 27 Feb 2019 16:53

Tgt Ion: 75 Resp: 5158

Ion Ratio Lower Upper

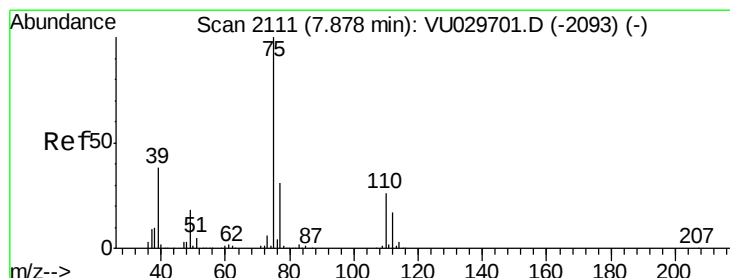
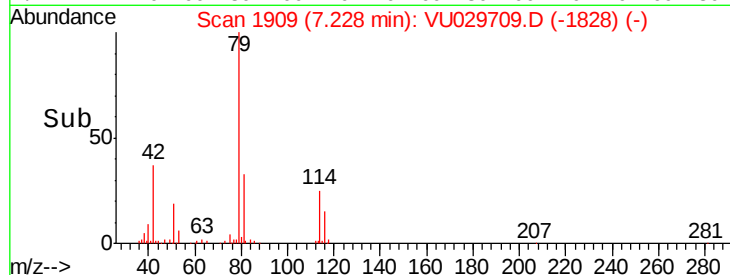
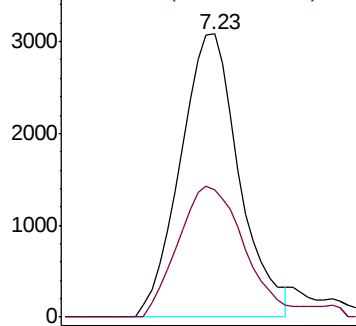
75 100

77 45.0 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.720 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029709.D

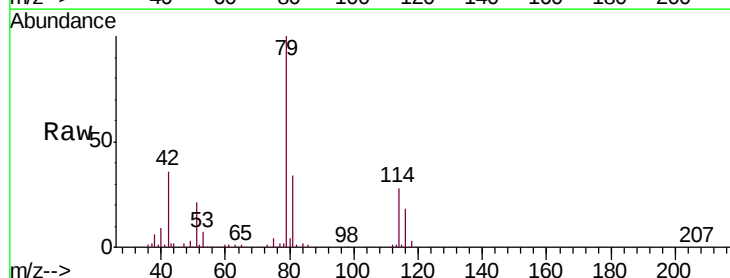
Acq: 27 Feb 2019 16:53

Tgt Ion: 75 Resp: 3258

Ion Ratio Lower Upper

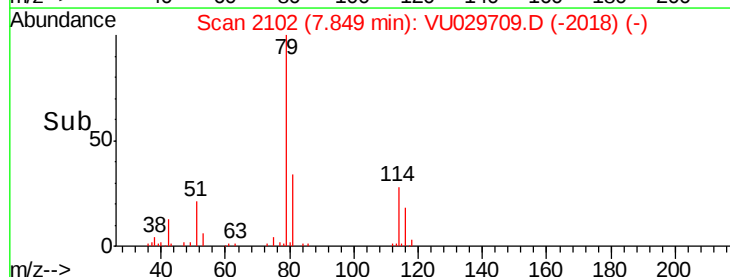
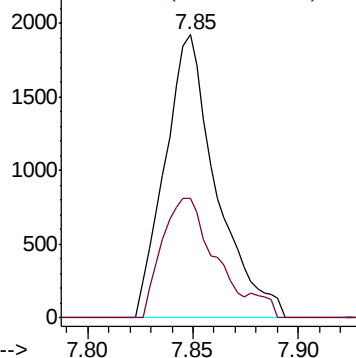
75 100

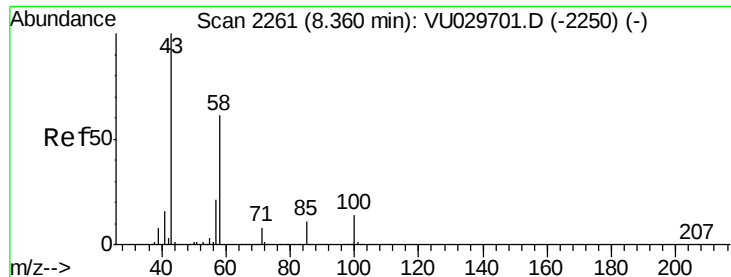
77 42.4 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

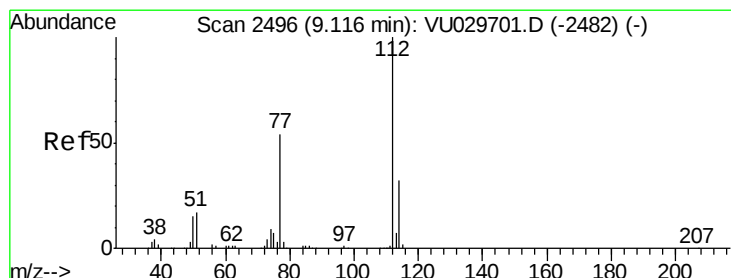
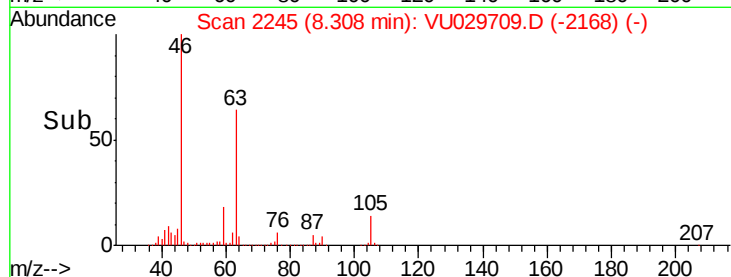
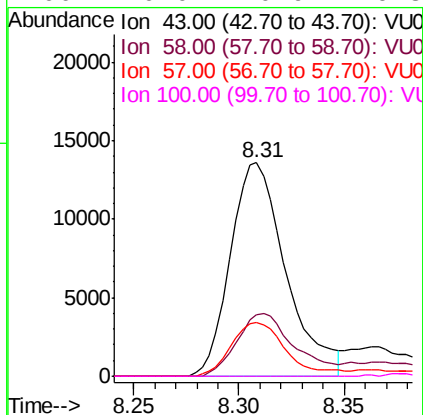
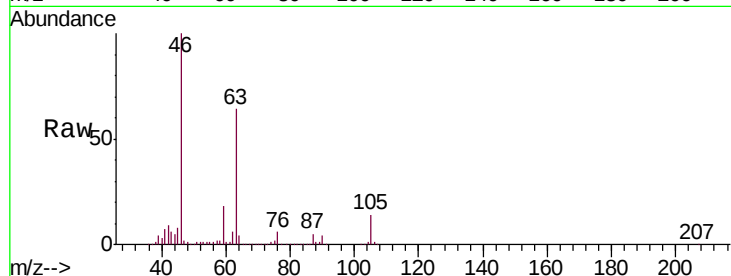
Ion 77.00 (76.70 to 77.70): VU0





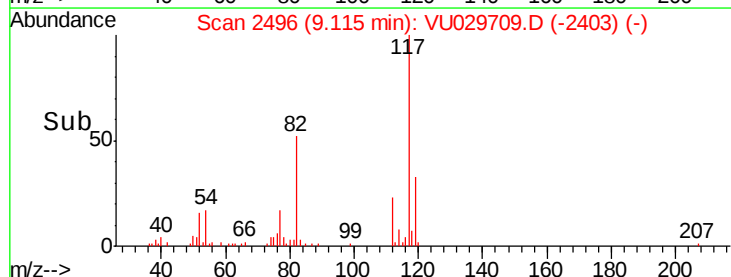
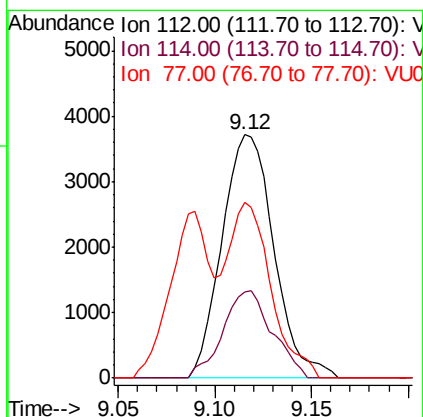
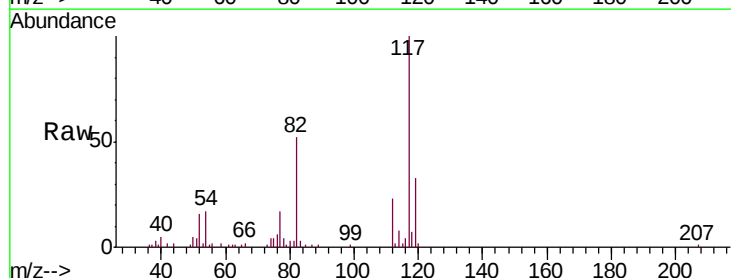
#48
2-Hexanone
Concen: 6.803 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029709.D
Acq: 27 Feb 2019 16:53

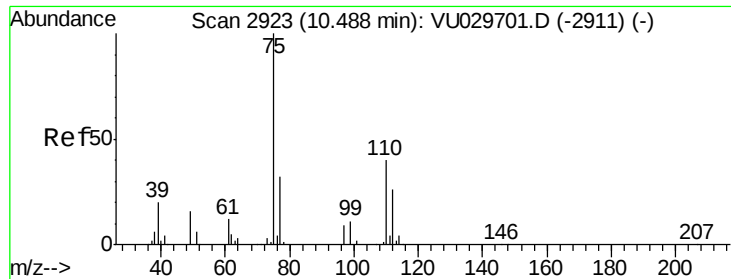
Tgt Ion:	43	Resp:	24867
Ion	Ratio	Lower	Upper
43	100		
58	30.7	46.4	69.6#
57	23.9	15.7	23.5#
100	0.0	10.9	16.3#



#51
Chlorobenzene
Concen: 0.756 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU029709.D
Acq: 27 Feb 2019 16:53

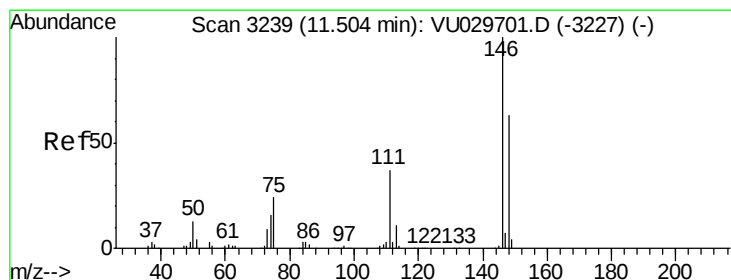
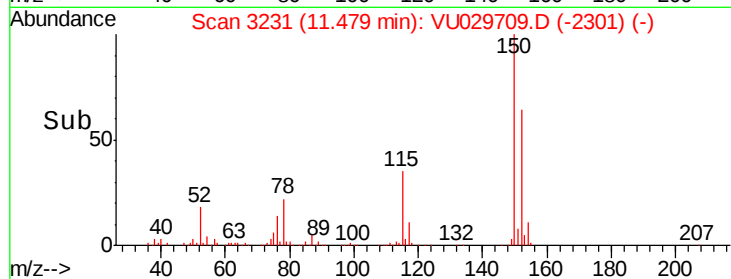
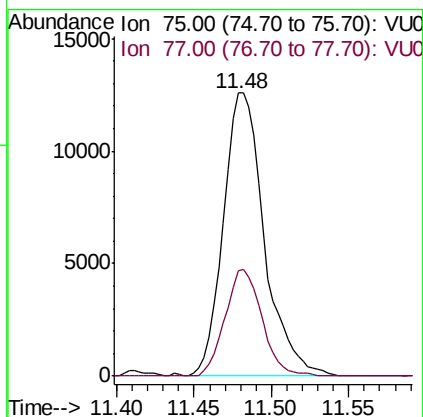
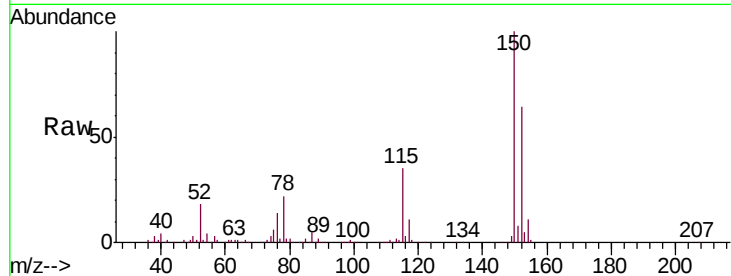
Tgt Ion:	112	Resp:	6952
Ion	Ratio	Lower	Upper
112	100		
114	35.5	22.7	42.1
77	72.4	42.1	63.1#





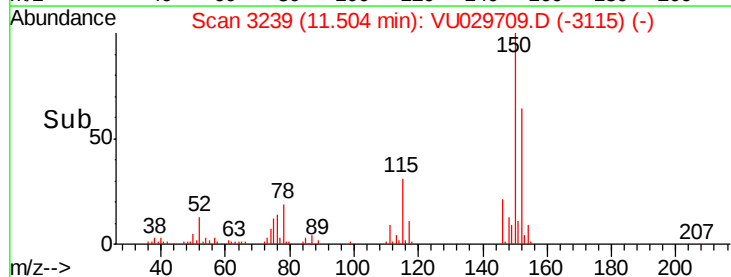
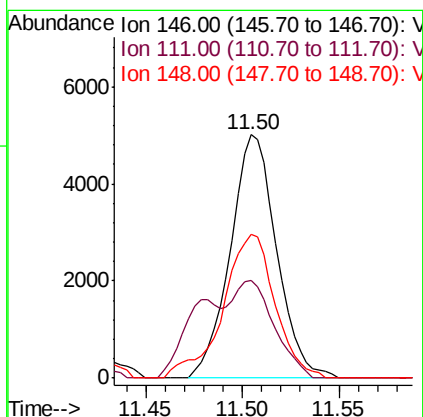
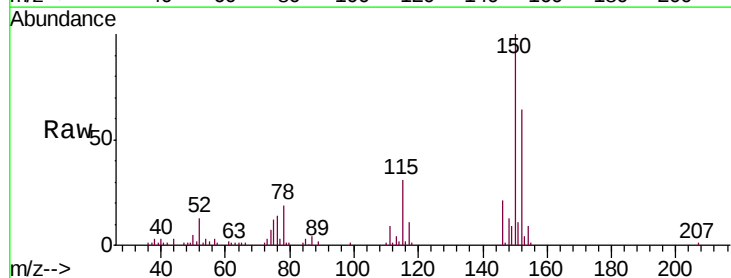
#59
 1,2,3-Trichloropropane
 Concen: 5.432 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU029709.D
 Acq: 27 Feb 2019 16:53

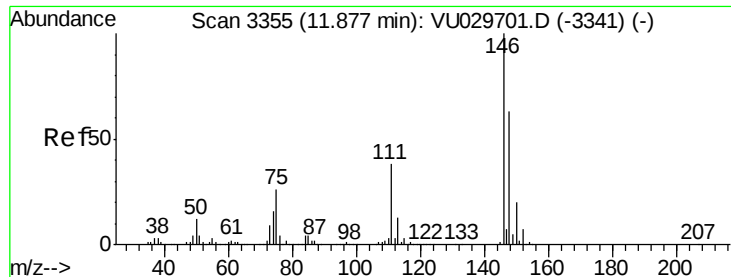
Tgt Ion: 75 Resp: 23047
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.7 38.5



#63
 1,4-Dichlorobenzene
 Concen: 1.249 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU029709.D
 Acq: 27 Feb 2019 16:53

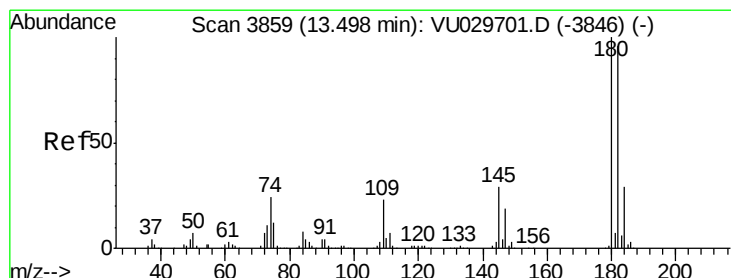
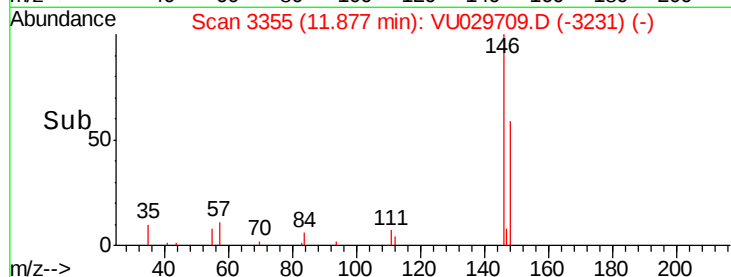
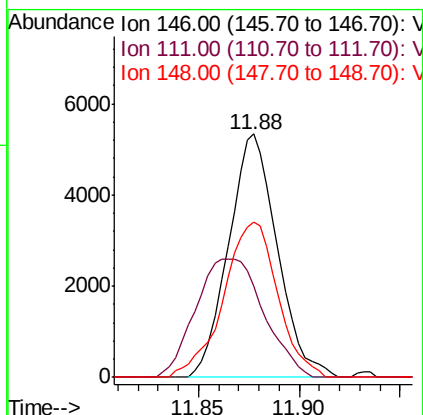
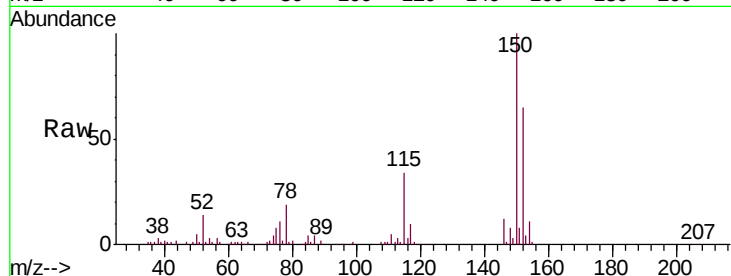
Tgt Ion: 146 Resp: 8377
 Ion Ratio Lower Upper
 146 100
 111 39.9 25.1 46.5
 148 59.2 45.0 83.6





#65
 1,2-Dichlorobenzene
 Concen: 1.296 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VU029709.D
 Acq: 27 Feb 2019 16:53

Tgt Ion:146 Resp: 9013
 Ion Ratio Lower Upper
 146 100
 111 37.3 31.2 46.8
 148 63.9 51.6 77.4



#68
 1,2,4-trichlorobenzene
 Concen: 0.636 ug/L
 RT: 13.52 min Scan# 3865
 Delta R.T. 0.02 min
 Lab File: VU029709.D
 Acq: 27 Feb 2019 16:53

Tgt Ion:180 Resp: 2799
 Ion Ratio Lower Upper
 180 100
 182 88.6 76.2 114.2
 145 21.7 22.7 34.1#

