

Data File : VU029714.D
Acq On : 27 Feb 2019 19:13
Operator : JC/SP
Sample : K1625-14RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Feb 28 00:55:40 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	438989	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	425921	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	207879	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	148499	46.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.32%
7) Chloroethane-d5	1.68	69	127085	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.88%
11) 1,1-Dichloroethene-d2	2.27	63	219589	34.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.84%
21) 2-Butanone-d5	4.17	46	223782	114.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.32%
24) Chloroform-d	4.64	84	265758	50.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.88%
26) 1,2-Dichloroethane-d4	5.31	65	167403	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.36%
32) Benzene-d6	5.34	84	581160	54.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.46%
36) 1,2-Dichloropropane-d6	6.33	67	175579	54.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.90%
41) Toluene-d8	7.56	98	546474	49.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.92%
43) trans-1,3-Dichloropropene-	7.85	79	82561	48.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.54%
47) 2-Hexanone-d5	8.31	63	184834	102.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	266217	48.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	228109	50.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.84%

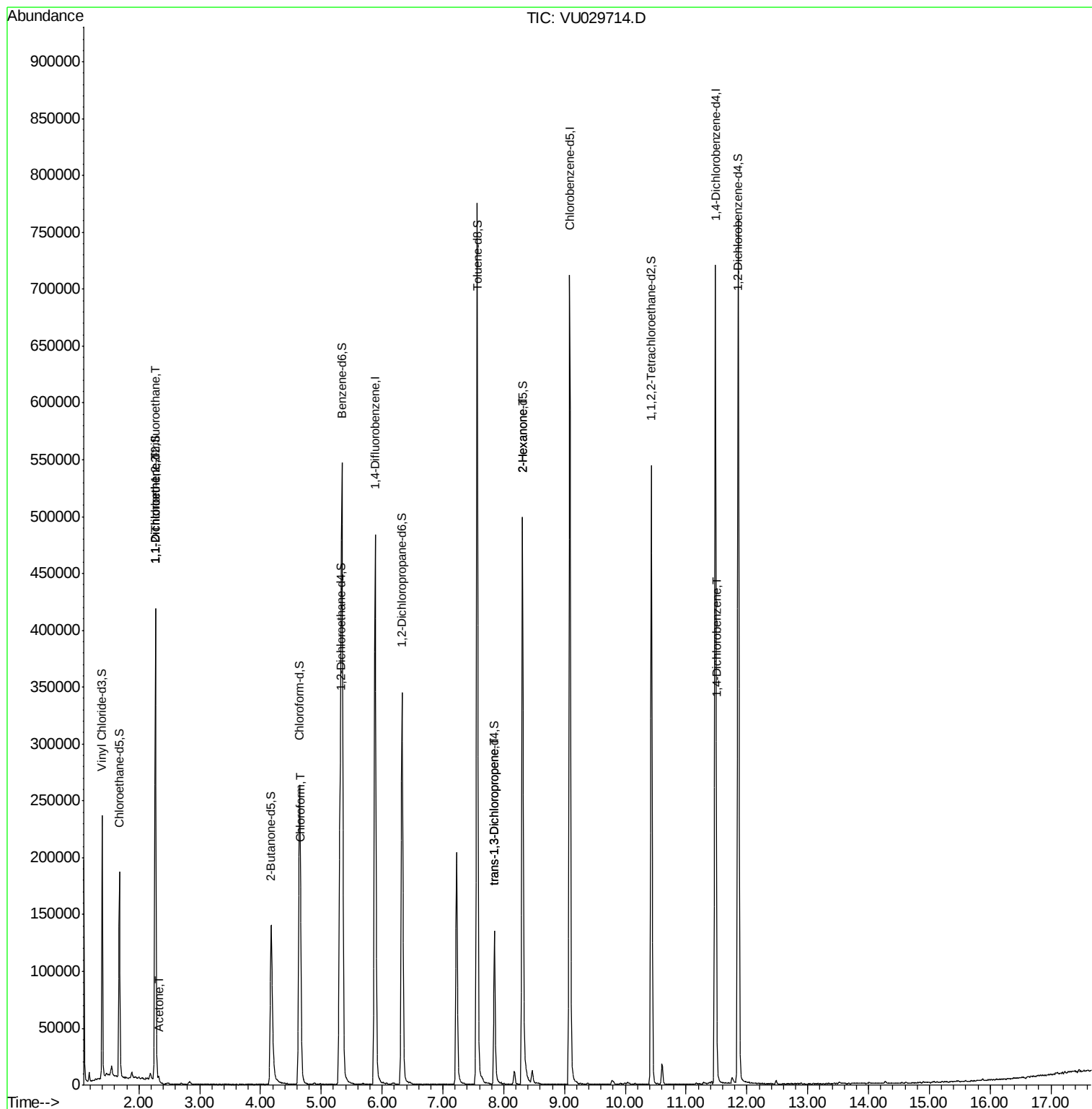
Target Compounds

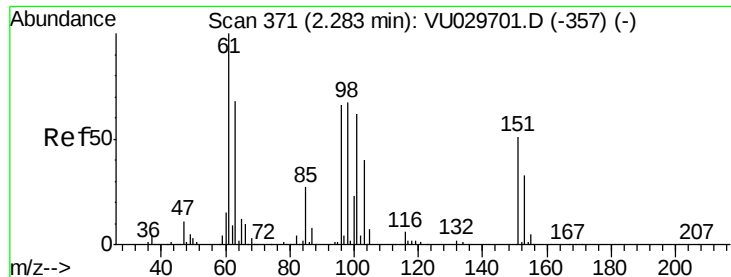
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2464	0.806 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	2045	0.703 ug/L #	1
13) Acetone	2.32	43	2286	1.093 ug/L	98
25) Chloroform	4.67	83	6255	1.208 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	3692	0.847 ug/L	85
48) 2-Hexanone	8.31	43	19664	5.584 ug/L #	67
63) 1,4-Dichlorobenzene	11.50	146	3919	0.588 ug/L	98

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

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#10

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

Concen: 0.806 ug/L

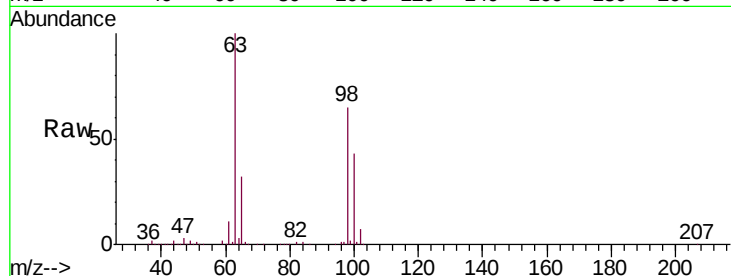
RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

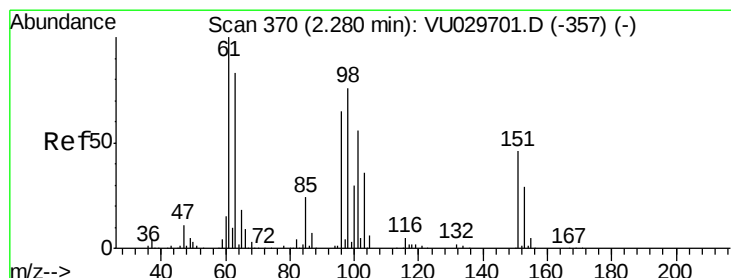
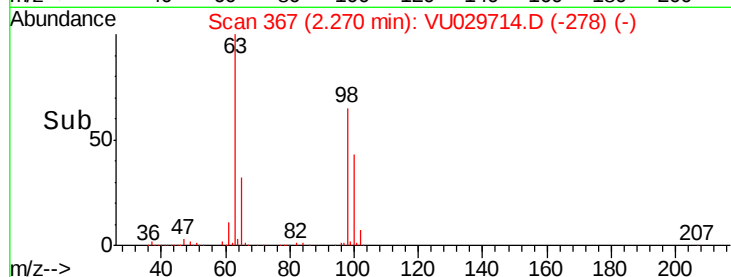
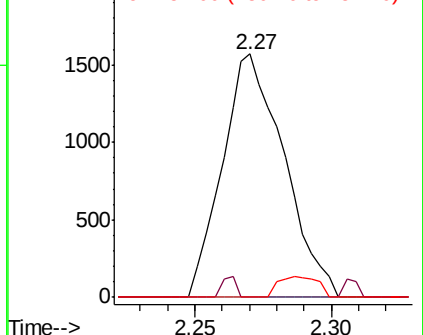
Lab File: VU029714.D

Acq: 27 Feb 2019 19:13

Tgt Ion:	101	Resp:	2464
Ion	Ratio	Lower	Upper
101	100		
85	1.9	33.0	49.6#
151	0.0	65.7	98.5#



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VU
Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.703 ug/L

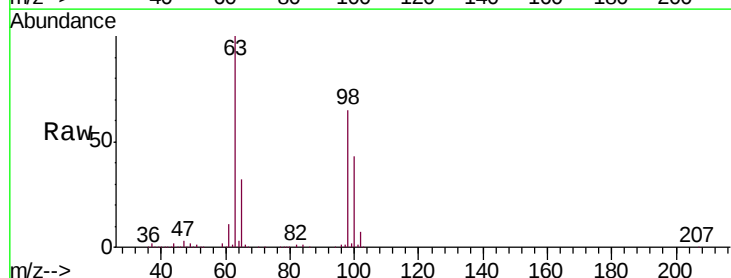
RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

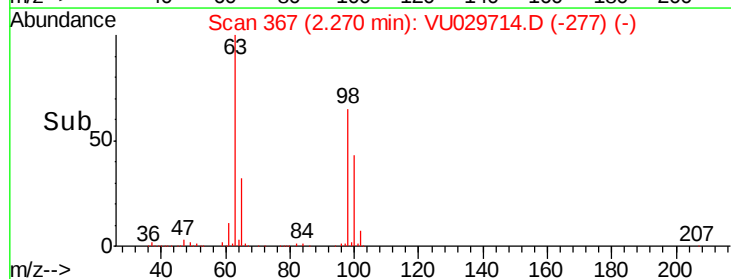
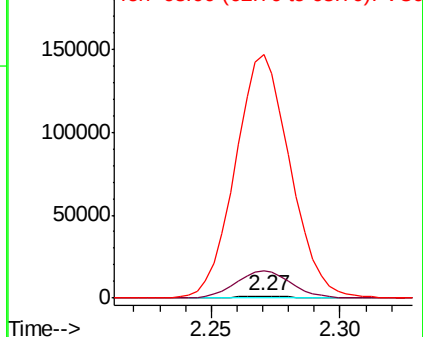
Lab File: VU029714.D

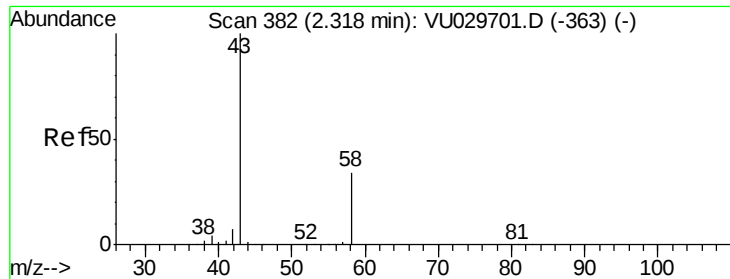
Acq: 27 Feb 2019 19:13

Tgt Ion:	96	Resp:	2045
Ion	Ratio	Lower	Upper
96	100		
61	1234.3	114.0	211.8#
63	10927.2	98.7	183.3#



Abundance Ion 96.00 (95.70 to 96.70): VU
Ion 61.00 (60.70 to 61.70): VU
Ion 63.00 (62.70 to 63.70): VU





#13

Acetone

Concen: 1.093 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029714.D

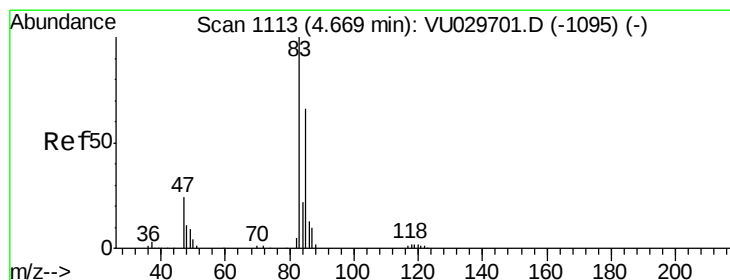
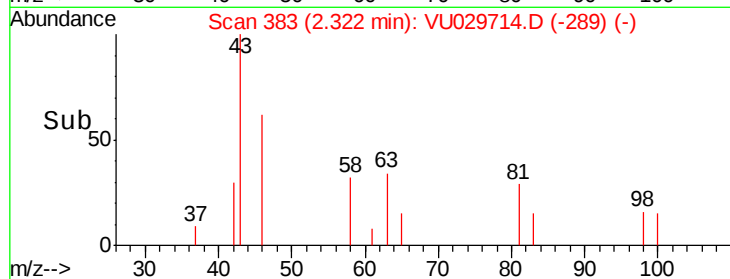
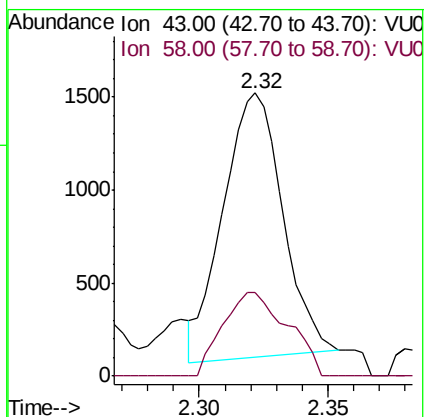
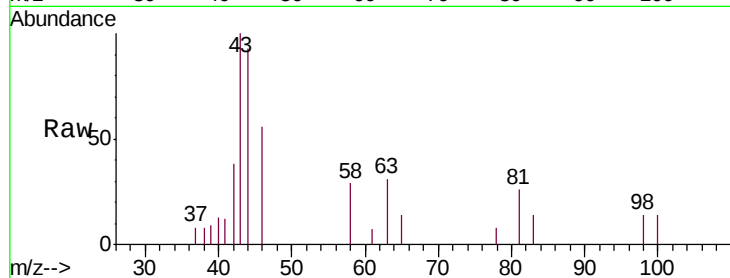
Acq: 27 Feb 2019 19:13

Tgt Ion: 43 Resp: 2286

Ion Ratio Lower Upper

43 100

58 34.4 0.0 66.8



#25

Chloroform

Concen: 1.208 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU029714.D

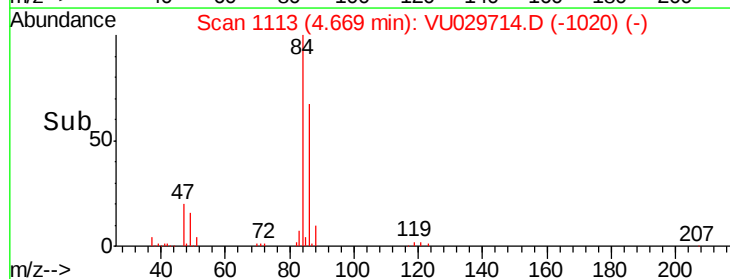
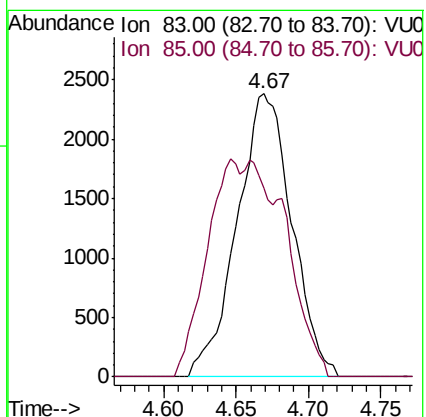
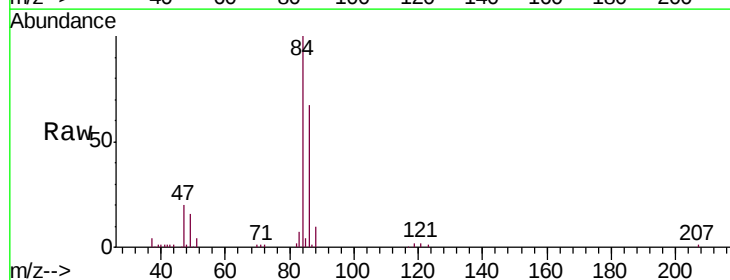
Acq: 27 Feb 2019 19:13

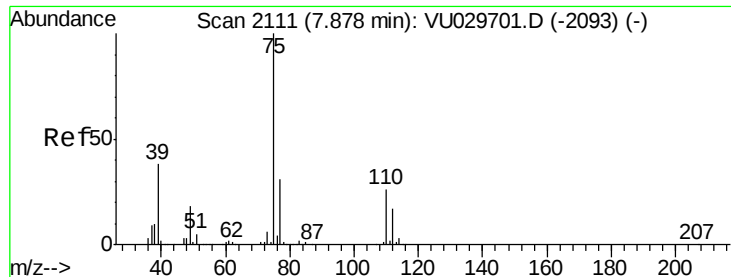
Tgt Ion: 83 Resp: 6255

Ion Ratio Lower Upper

83 100

85 66.8 45.4 84.2





#44

trans-1,3-Dichloropropene

Concen: 0.847 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029714.D

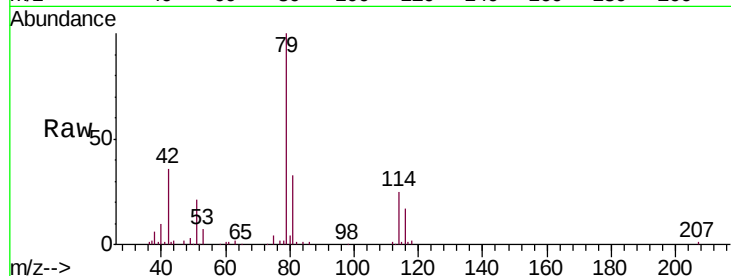
Acq: 27 Feb 2019 19:13

Tgt Ion: 75 Resp: 3692

Ion Ratio Lower Upper

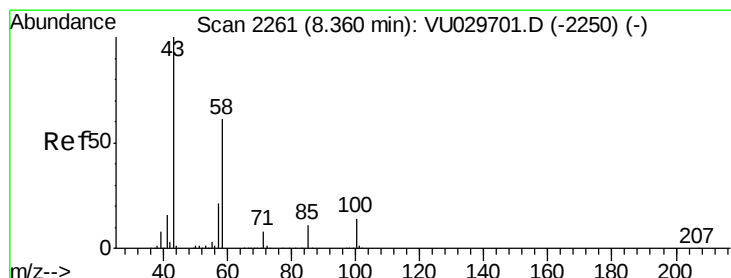
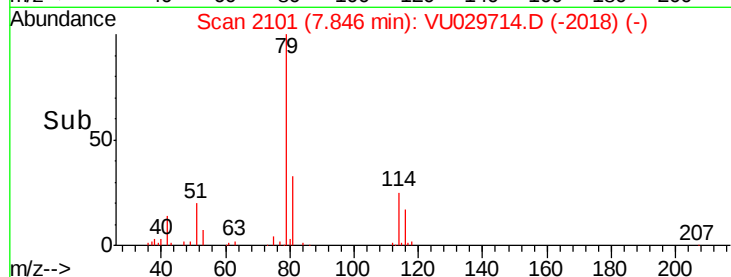
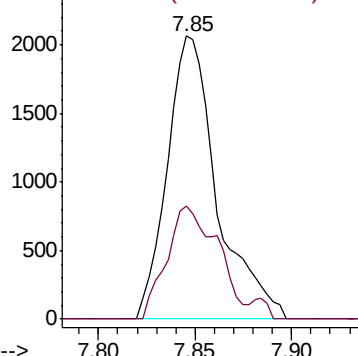
75 100

77 40.2 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: 5.584 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU029714.D

Acq: 27 Feb 2019 19:13

Tgt Ion: 43 Resp: 19664

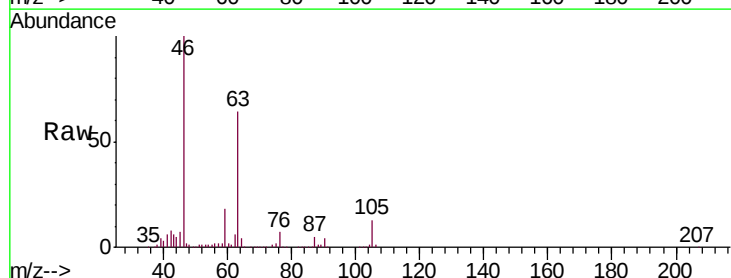
Ion Ratio Lower Upper

43 100

58 28.1 46.4 69.6#

57 23.9 15.7 23.5#

100 0.2 10.9 16.3#

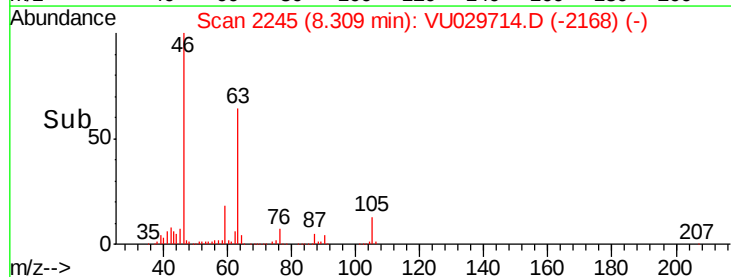
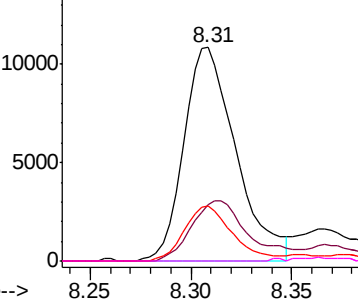


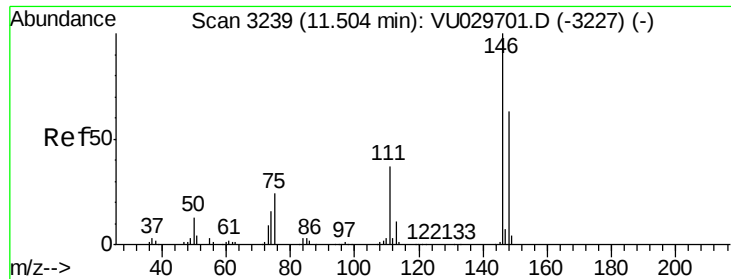
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

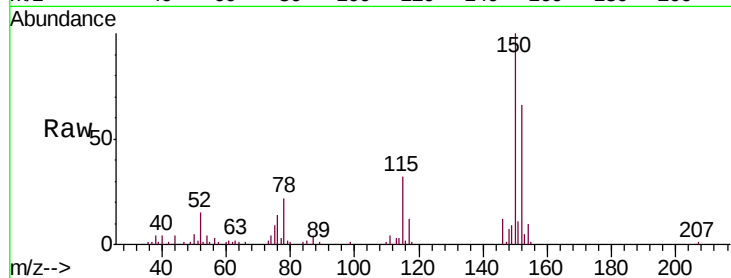
Ion 100.00 (99.70 to 100.70): VU0





#63
 1,4-Dichlorobenzene
 Concen: 0.588 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU029714.D
 Acq: 27 Feb 2019 19:13

Tgt Ion:	146	Resp:	3919
Ion	Ratio	Lower	Upper
146	100		
111	38.0	25.1	46.5
148	63.0	45.0	83.6



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

