

Data File : VU030084.D
Acq On : 14 Mar 2019 19:15
Operator : JC/SP
Sample : K1859-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BQ7

Quant Time: Mar 15 02:48:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 02:44:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	459165	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	442633	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	209920	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	152051	50.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.12%
7) Chloroethane-d5	1.68	69	119196	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.24%
11) 1,1-Dichloroethene-d2	2.27	63	200485	36.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.14%
21) 2-Butanone-d5	4.17	46	207017	90.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.97%
24) Chloroform-d	4.65	84	253297	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.98%
26) 1,2-Dichloroethane-d4	5.31	65	151503	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.28%
32) Benzene-d6	5.34	84	555885	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
36) 1,2-Dichloropropane-d6	6.33	67	172561	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.96%
41) Toluene-d8	7.56	98	502872	47.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.26%
43) trans-1,3-Dichloropropene-	7.85	79	75615	44.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.52%
47) 2-Hexanone-d5	8.31	63	172164	88.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.23%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	244051	45.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	201290	49.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

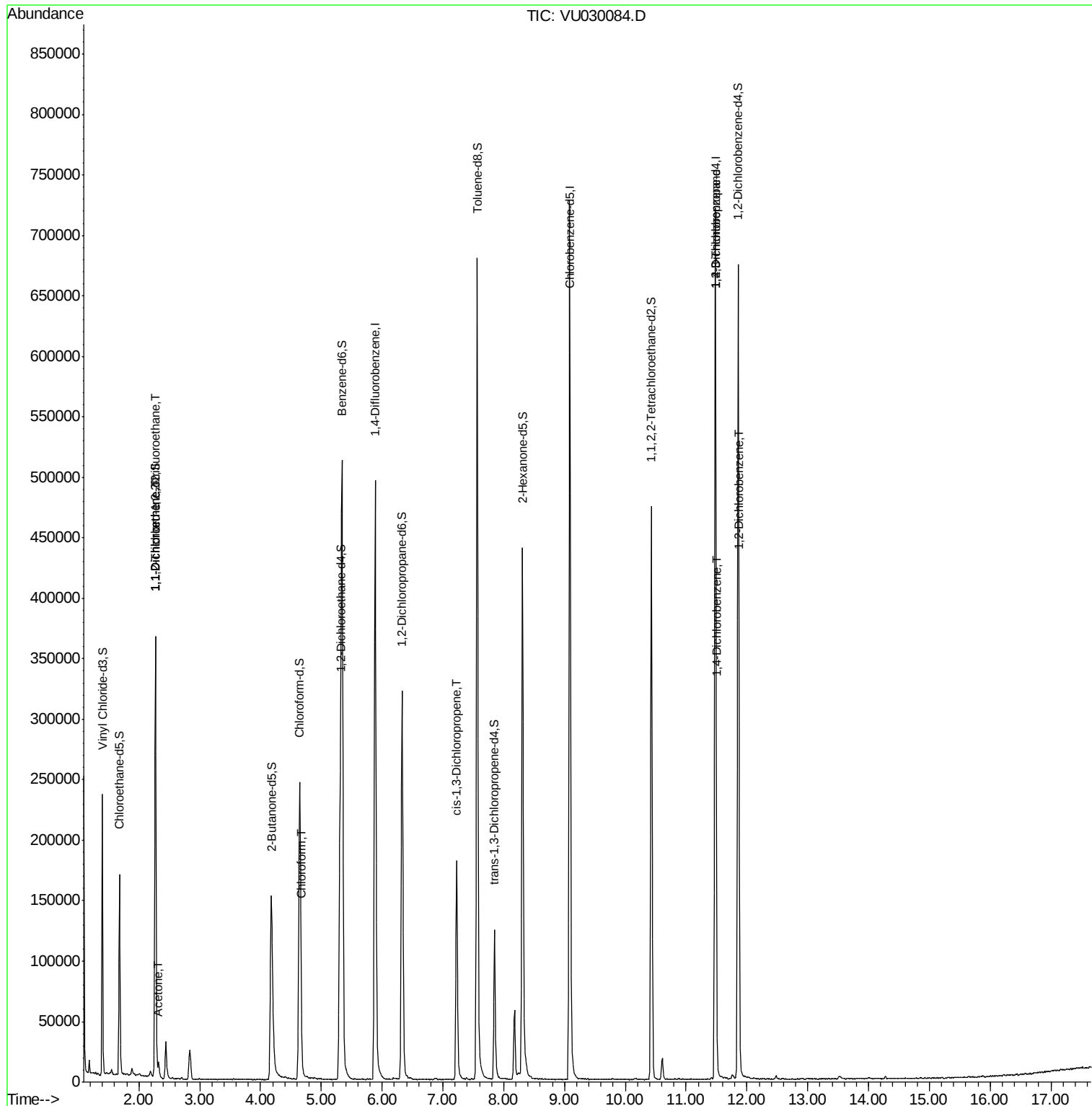
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2323	0.770	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1741	0.605	ug/L #	1
13) Acetone	2.32	43	11453	4.305	ug/L	97
25) Chloroform	4.68	83	5073	0.898	ug/L	92
39) cis-1,3-Dichloropropene	7.23	75	3597	0.694	ug/L #	47
59) 1,2,3-Trichloropropane	11.48	75	22408	5.164	ug/L	93
63) 1,4-Dichlorobenzene	11.50	146	4028	0.584	ug/L	94
65) 1,2-Dichlorobenzene	11.88	146	5232	0.767	ug/L #	90

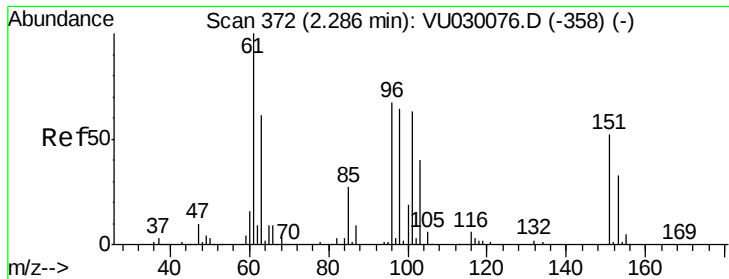
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.770 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030084.D

Acq: 14 Mar 2019 19:15

Instrument :

MSVOA_U

ClientSampleId :

C0BQ7

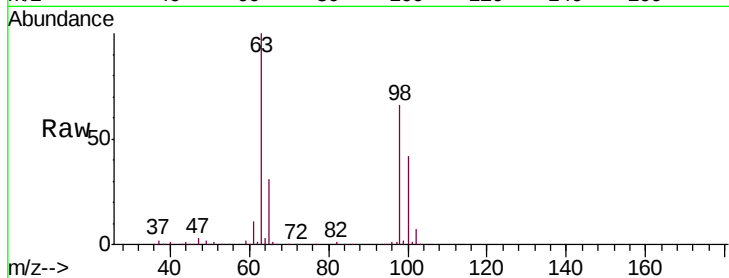
Tgt Ion: 101 Resp: 2323

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

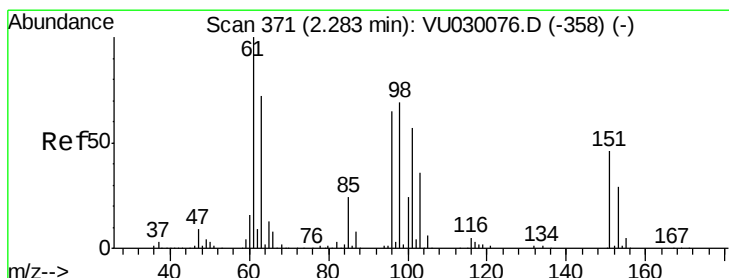
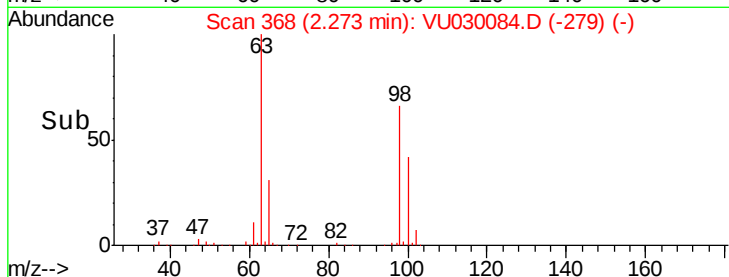
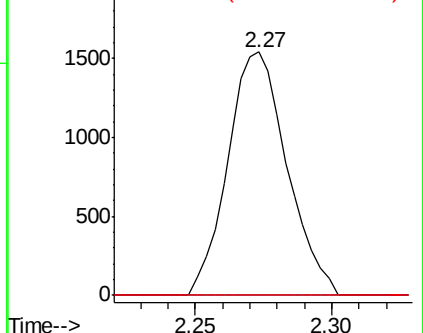
151 0.0 66.1 99.1#



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: 0.605 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030084.D

Acq: 14 Mar 2019 19:15

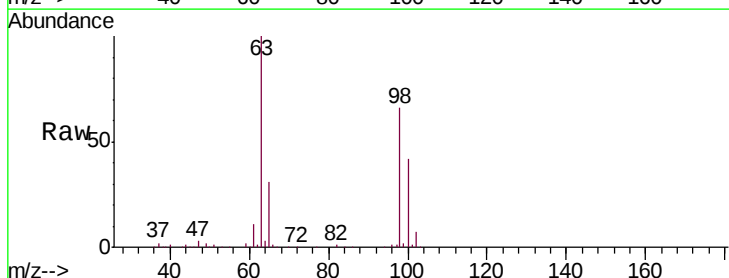
Tgt Ion: 96 Resp: 1741

Ion Ratio Lower Upper

96 100

61 1364.5 110.4 205.0#

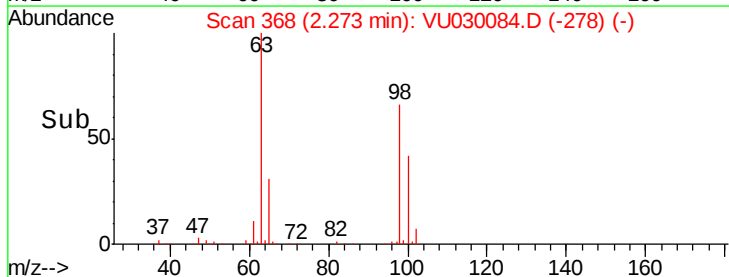
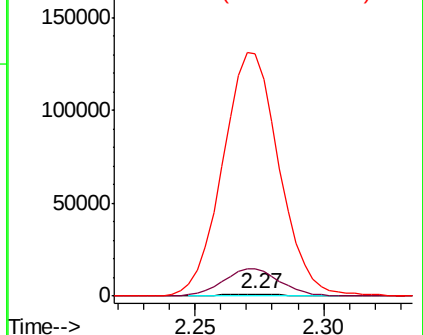
63 12022.1 86.5 160.7#

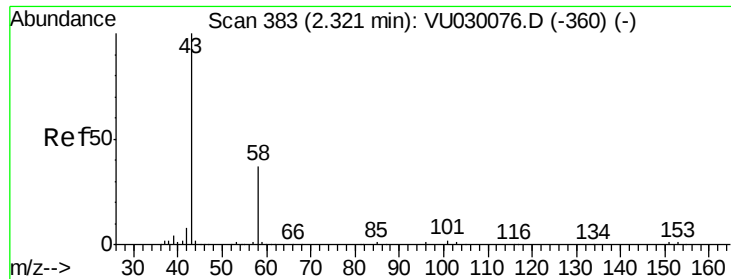


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

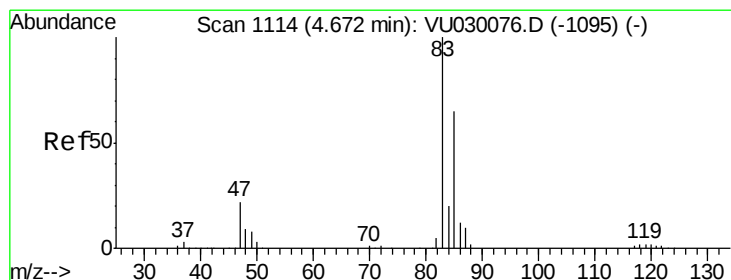
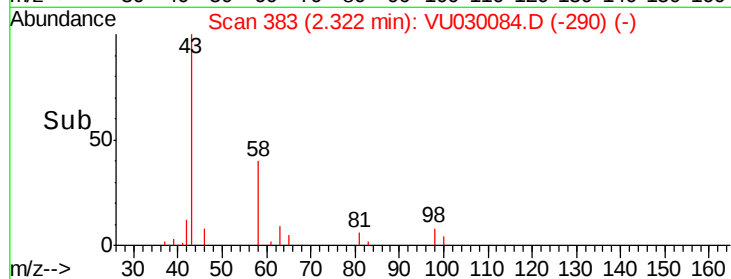
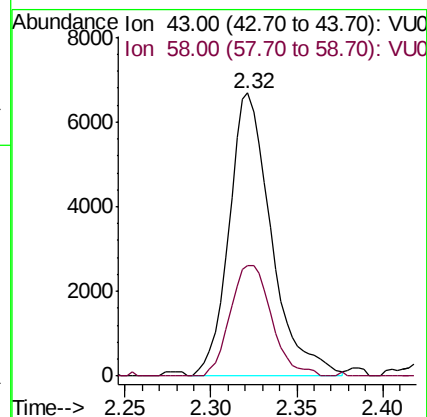
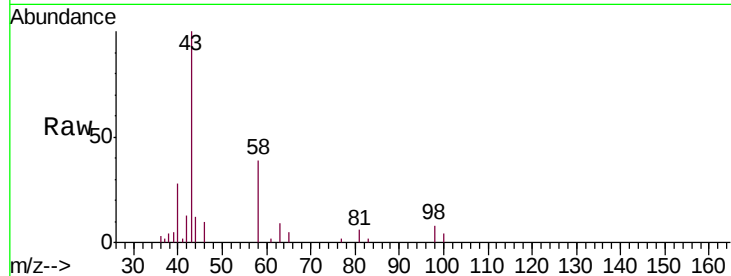




#13
Acetone
Concen: 4.305 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030084.D
Acq: 14 Mar 2019 19:15

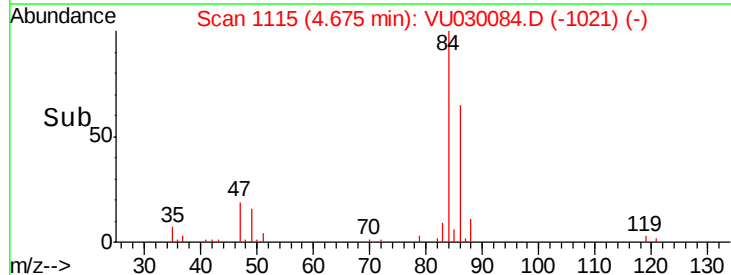
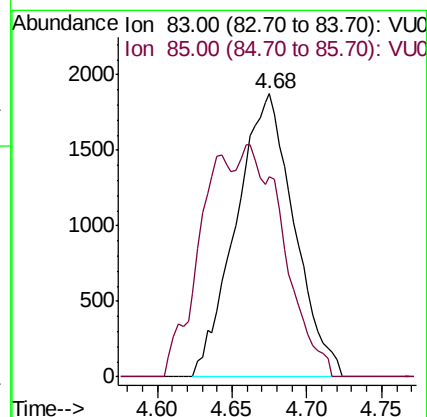
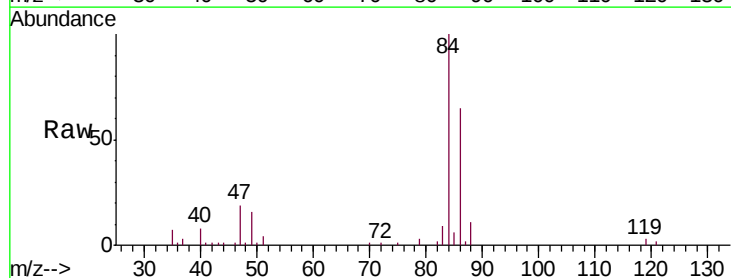
Instrument :
MSVOA_U
ClientSampleId :
C0BQ7

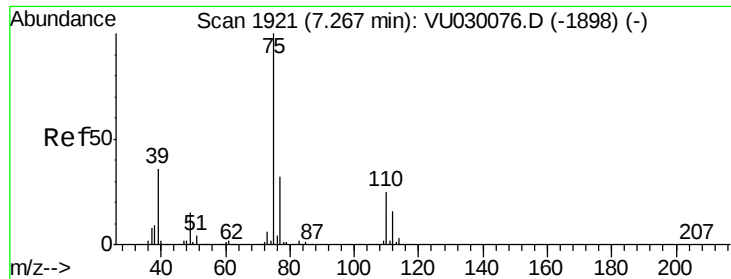
Tgt Ion: 43 Resp: 11453
Ion Ratio Lower Upper
43 100
58 38.3 0.0 73.0



#25
Chloroform
Concen: 0.898 ug/L
RT: 4.68 min Scan# 1115
Delta R.T. 0.00 min
Lab File: VU030084.D
Acq: 14 Mar 2019 19:15

Tgt Ion: 83 Resp: 5073
Ion Ratio Lower Upper
83 100
85 70.6 44.9 83.5





#39

cis-1,3-Dichloropropene

Concen: 0.694 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU030084.D

Acq: 14 Mar 2019 19:15

Instrument :

MSVOA_U

ClientSampleId :

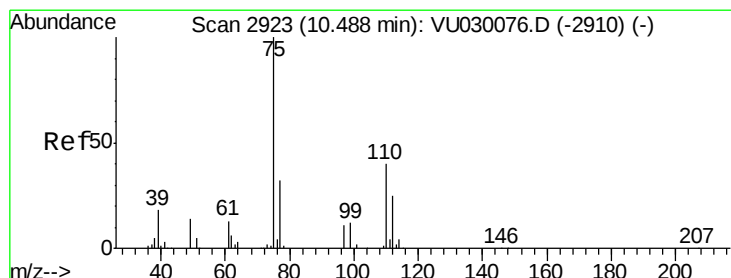
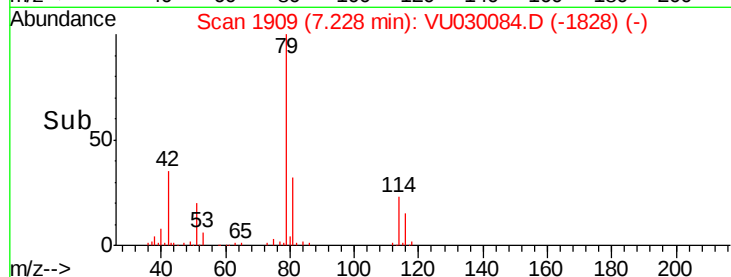
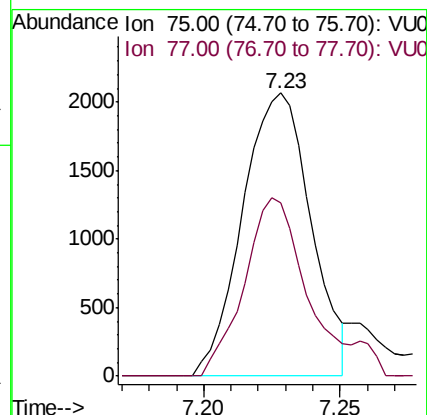
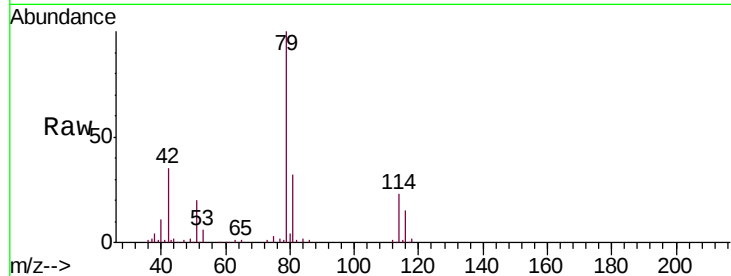
C0BQ7

Tgt Ion: 75 Resp: 3597

Ion Ratio Lower Upper

75 100

77 61.3 22.2 41.2#



#59

1,2,3-Trichloropropane

Concen: 5.164 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030084.D

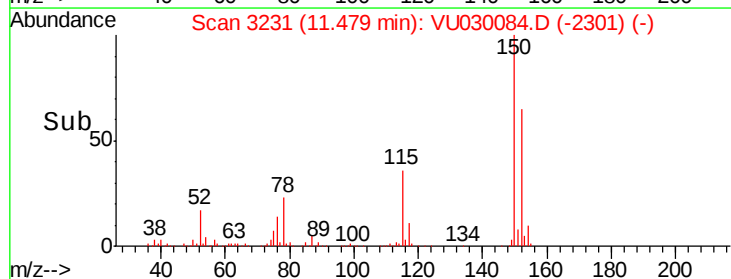
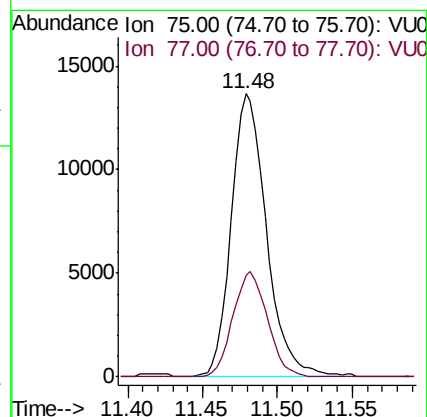
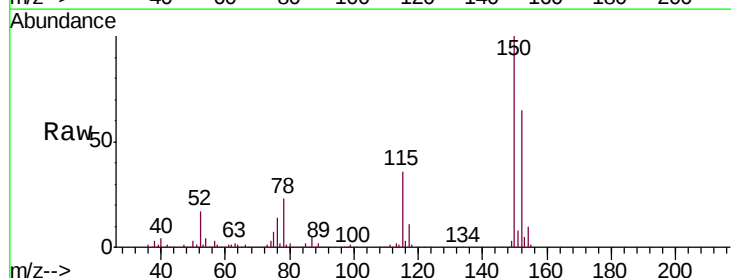
Acq: 14 Mar 2019 19:15

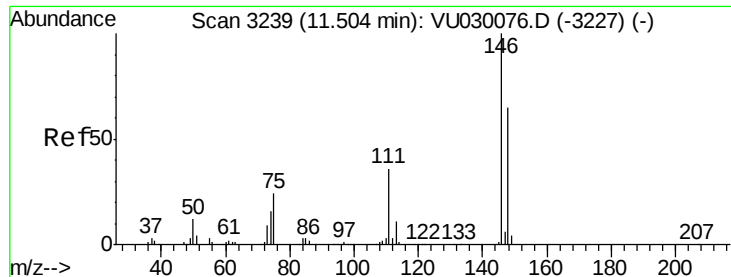
Tgt Ion: 75 Resp: 22408

Ion Ratio Lower Upper

75 100

77 36.4 25.8 38.8





#63

1,4-Dichlorobenzene

Concen: 0.584 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU030084.D

Acq: 14 Mar 2019 19:15

Instrument :

MSVOA_U

ClientSampleId :

C0BQ7

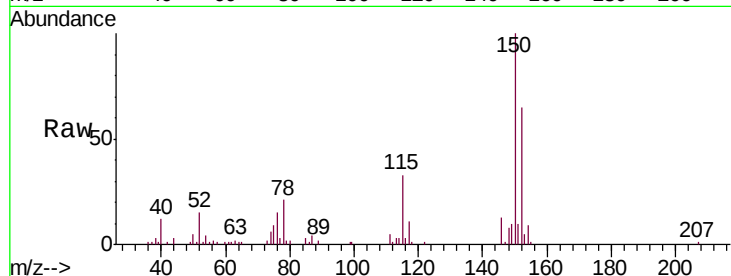
Tgt Ion:146 Resp: 4028

Ion Ratio Lower Upper

146 100

111 43.2 25.5 47.3

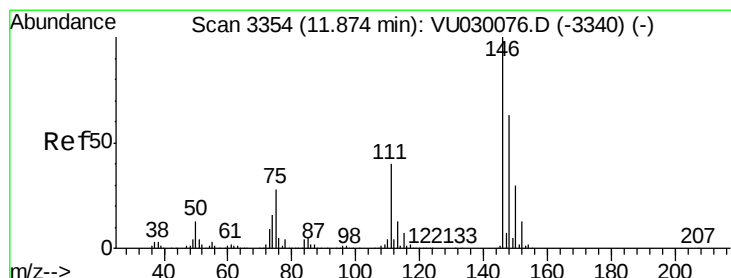
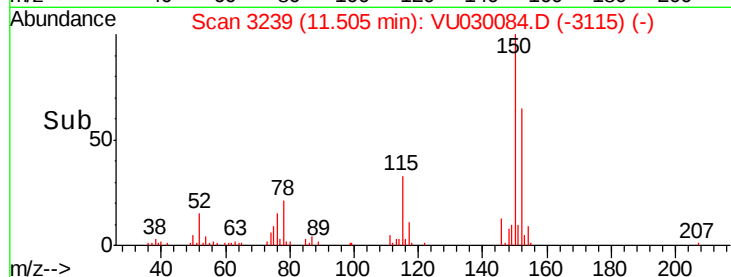
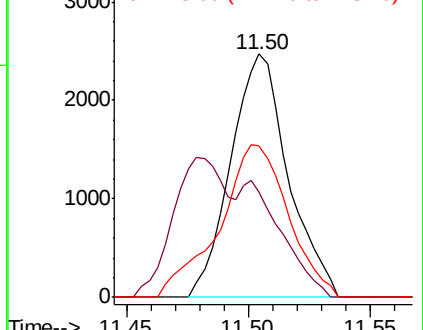
148 62.1 45.0 83.6



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



#65

1,2-Dichlorobenzene

Concen: 0.767 ug/L

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU030084.D

Acq: 14 Mar 2019 19:15

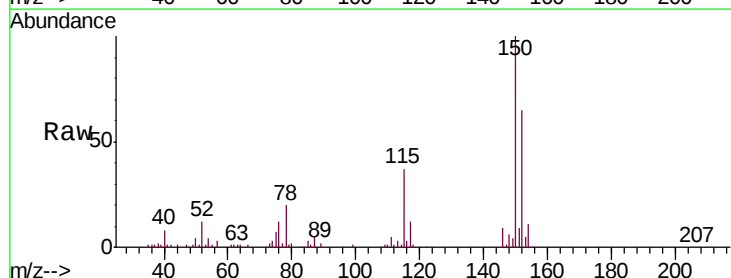
Tgt Ion:146 Resp: 5232

Ion Ratio Lower Upper

146 100

111 50.9 30.9 46.3#

148 60.8 51.2 76.8



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

