

Data File : VU029406.D
Acq On : 11 Feb 2019 19:08
Operator : JC/SP
Sample : K1436-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXA0

Quant Time: Feb 12 01:24:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 12 01:17:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	207919	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	198333	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	104667	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67866	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.68	69	60586	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.27	63	112667	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.19	46	144887	52.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.84%
24) Chloroform-d	4.65	84	113118	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.31	65	58019	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.34	84	240071	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.33	67	69206	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.56	98	232095	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.85	79	30046	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.31	63	145959	51.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	57656	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	96848	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

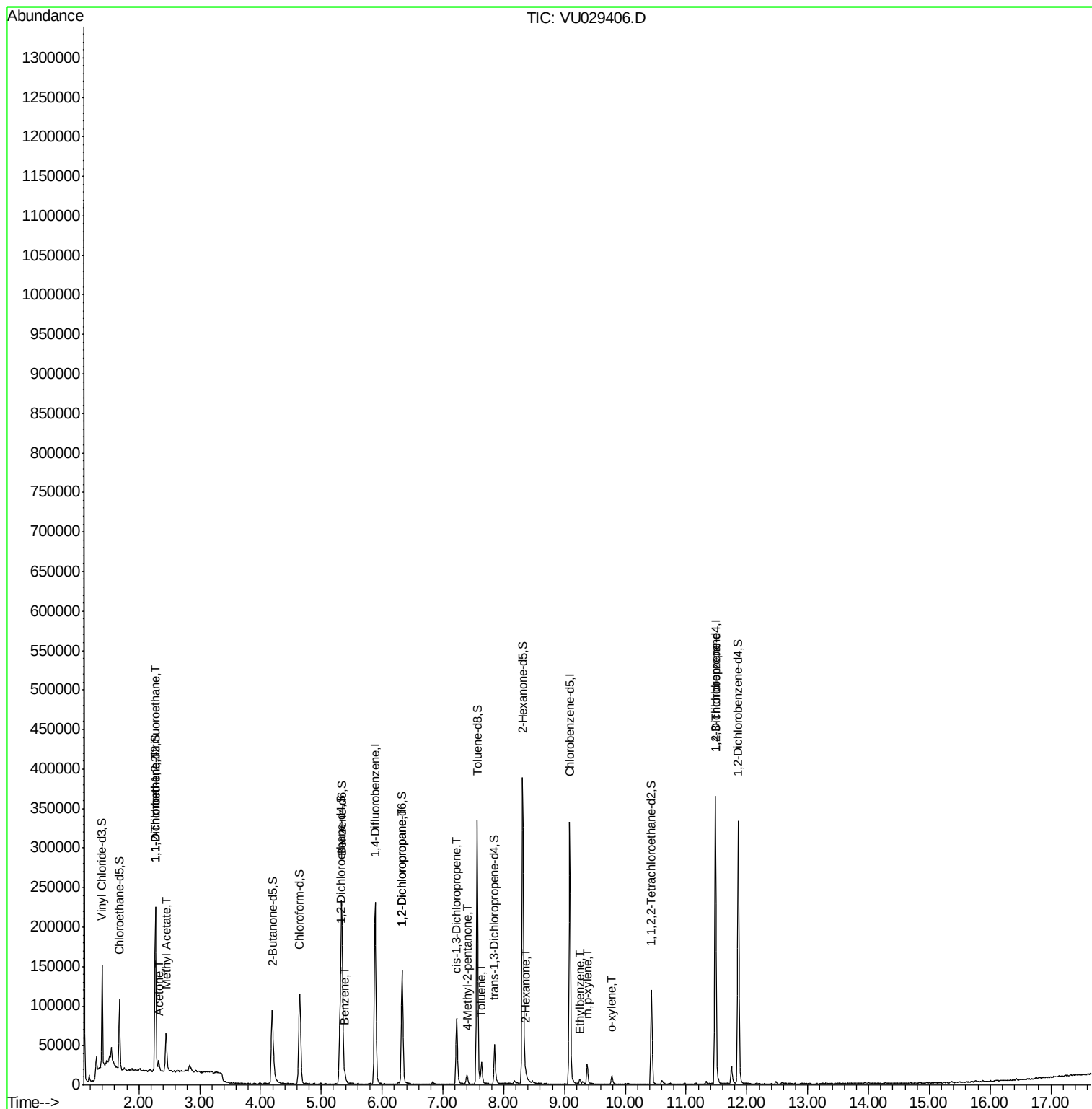
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1088	0.067	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1359	0.089	ug/L #	1
13) Acetone	2.32	43	11759	5.317	ug/L	92
15) Methyl Acetate	2.45	43	11471	1.856	ug/L #	48
33) Benzene	5.39	78	9907	0.195	ug/L	100
37) 1,2-Dichloropropane	6.33	63	7773	0.604	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	2237	0.108	ug/L #	70
40) 4-Methyl-2-pentanone	7.39	43	5271	0.725	ug/L #	42
42) Toluene	7.64	91	20354	0.351	ug/L	97
48) 2-Hexanone	8.37	43	2606	0.517	ug/L #	86
52) Ethylbenzene	9.25	91	4727	0.072	ug/L	90
53) m,p-xylene	9.37	106	8002	0.303	ug/L	96
54) o-xylene	9.78	106	3002	0.117	ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	10960	1.341	ug/L #	85

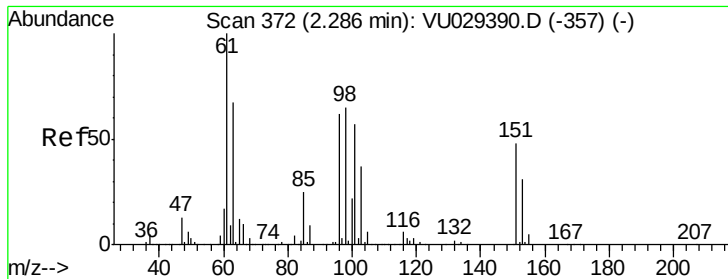
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.067 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029406.D

Acq: 11 Feb 2019 19:08

Instrument :

MSVOA_U

ClientSampled :

ESXA0

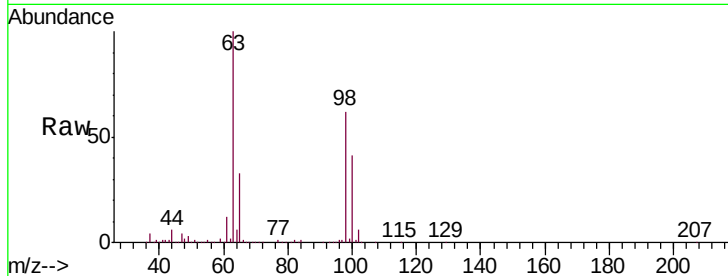
Tgt Ion: 101 Resp: 1088

Ion Ratio Lower Upper

101 100

85 4.7 34.9 52.3#

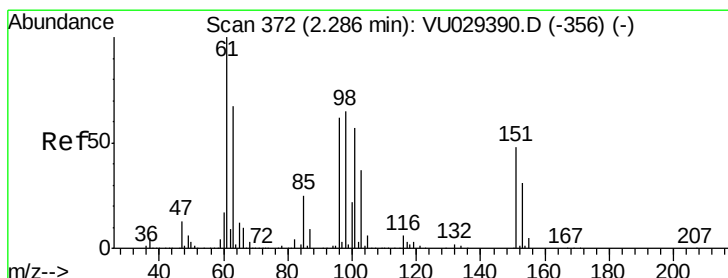
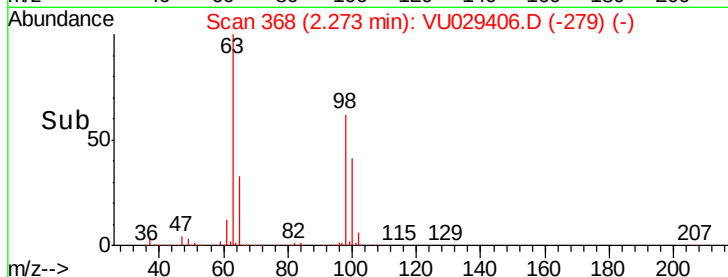
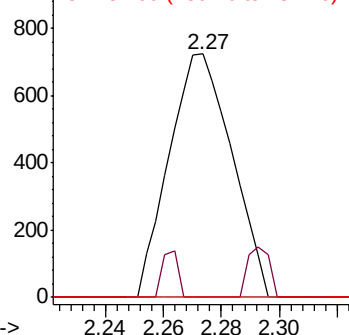
151 0.0 67.0 100.4#



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: 0.089 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029406.D

Acq: 11 Feb 2019 19:08

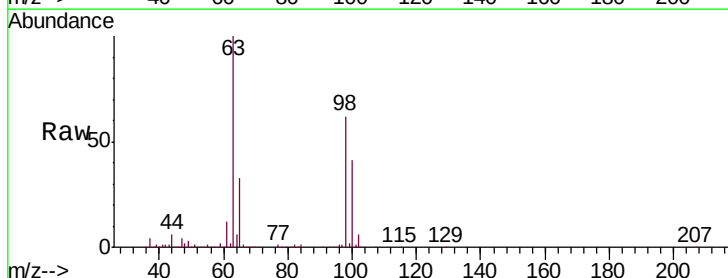
Tgt Ion: 96 Resp: 1359

Ion Ratio Lower Upper

96 100

61 1054.9 112.4 208.8#

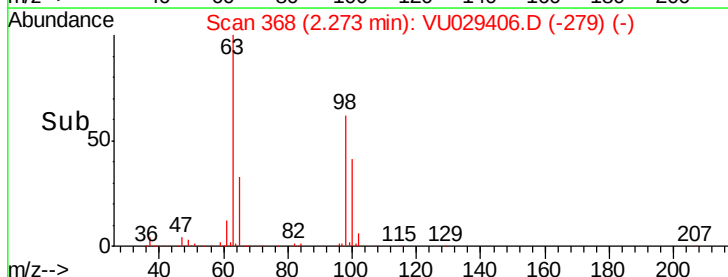
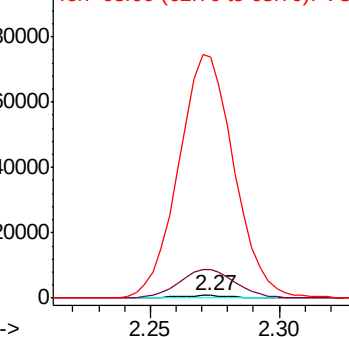
63 8912.9 75.5 140.3#

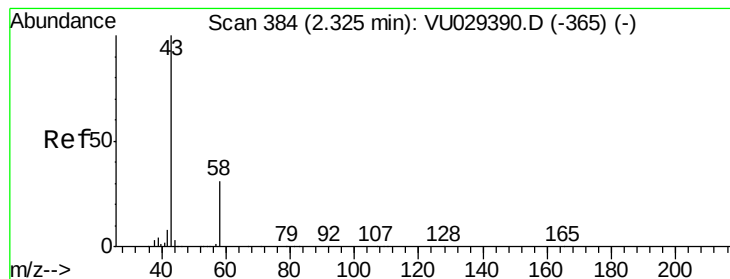


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 5.317 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU029406.D

Acq: 11 Feb 2019 19:08

Instrument :

MSVOA_U

ClientSampleId :

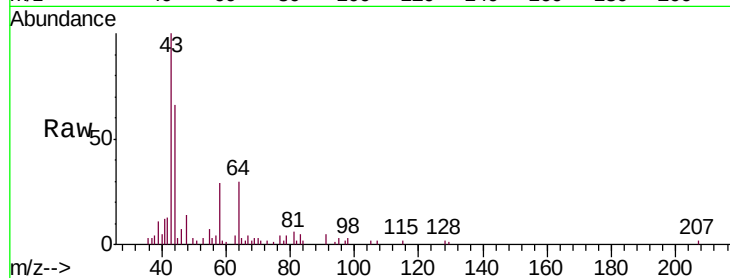
ESXA0

Tgt Ion: 43 Resp: 11759

Ion Ratio Lower Upper

43 100

58 36.5 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

8000

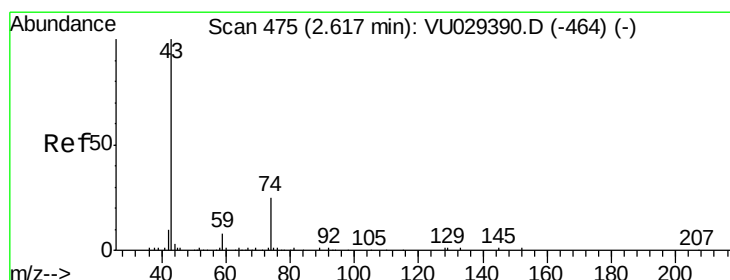
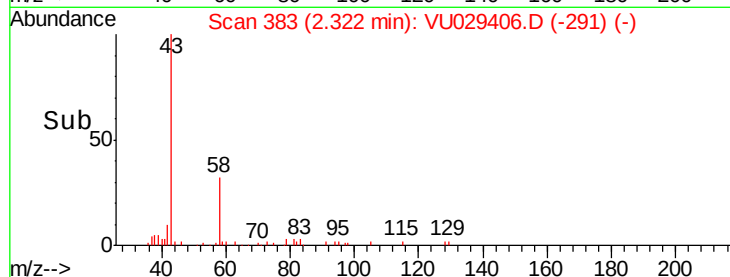
6000

4000

2000

0

Time--> 2.25 2.30 2.35



#15

Methyl Acetate

Concen: 1.856 ug/L

RT: 2.45 min Scan# 422

Delta R.T. -0.17 min

Lab File: VU029406.D

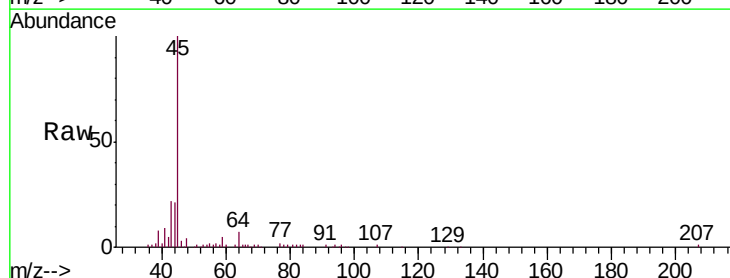
Acq: 11 Feb 2019 19:08

Tgt Ion: 43 Resp: 11471

Ion Ratio Lower Upper

43 100

74 0.2 21.8 32.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

2.45

8000

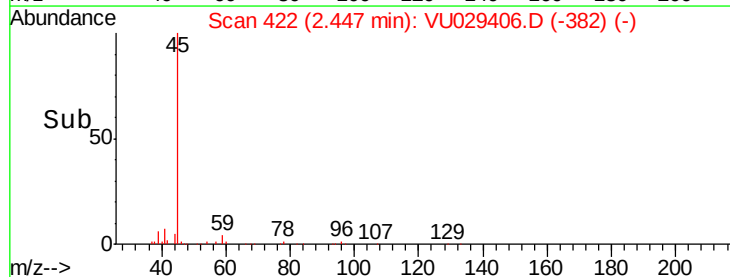
6000

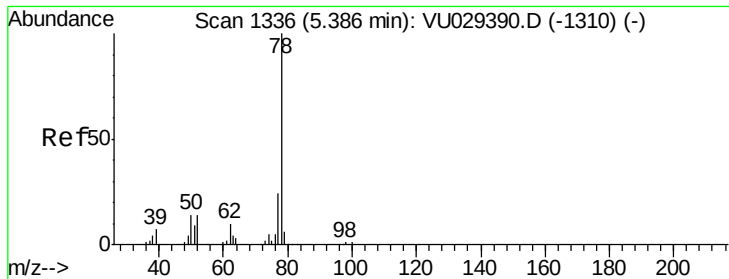
4000

2000

0

Time--> 2.35 2.40 2.45 2.50





#33

Benzene

Concen: 0.195 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU029406.D

Acq: 11 Feb 2019 19:08

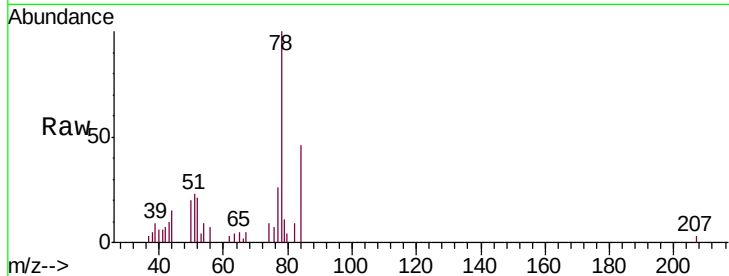
Instrument :

MSVOA_U

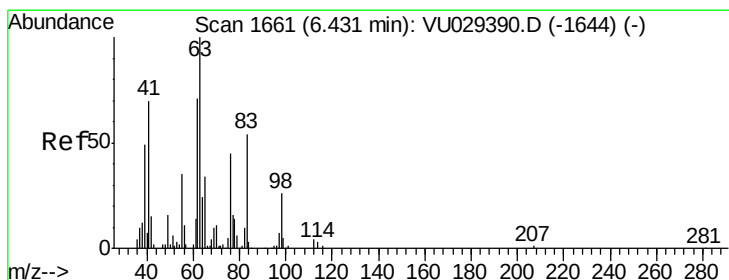
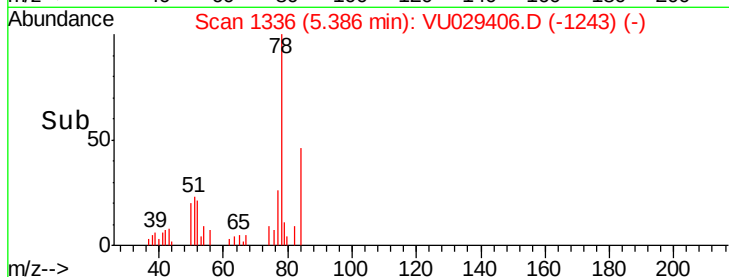
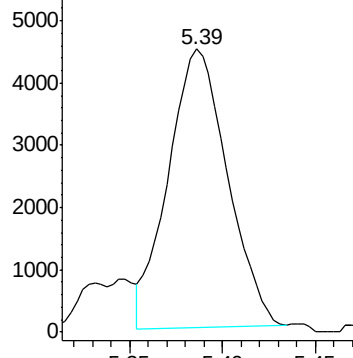
ClientSampleId :

ESXA0

Tgt Ion: 78 Resp: 9907



Abundance Ion 78.10 (77.80 to 78.80): VU0



#37

1,2-Dichloropropane

Concen: 0.604 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU029406.D

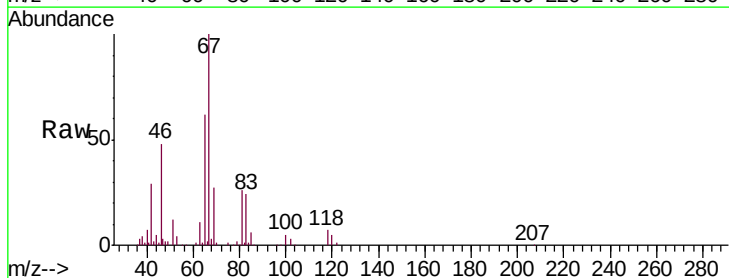
Acq: 11 Feb 2019 19:08

Tgt Ion: 63 Resp: 7773

Ion Ratio Lower Upper

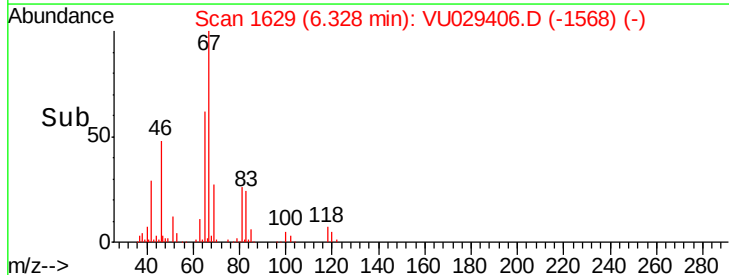
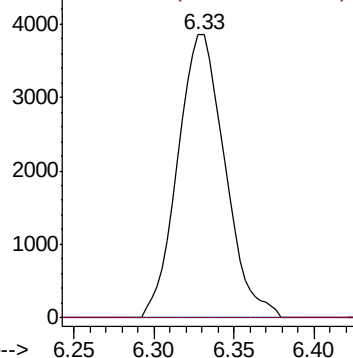
63 100

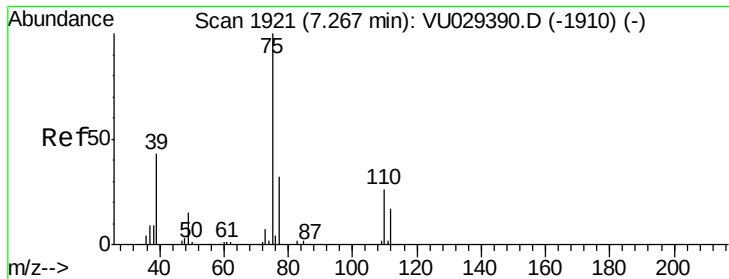
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029406.D

Acq: 11 Feb 2019 19:08

Instrument :

MSVOA_U

ClientSampleId :

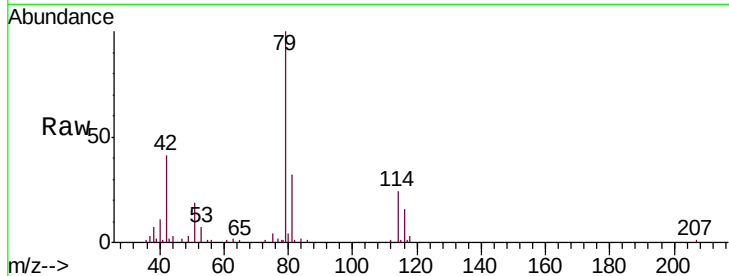
ESXA0

Tgt Ion: 75 Resp: 2237

Ion Ratio Lower Upper

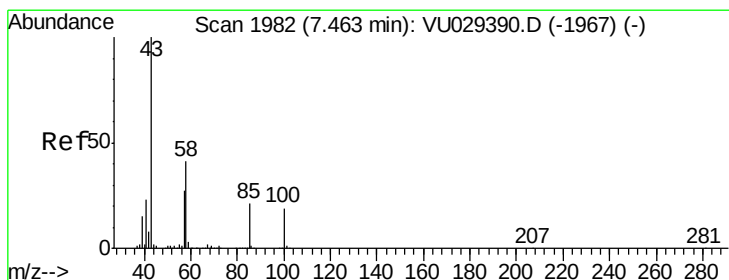
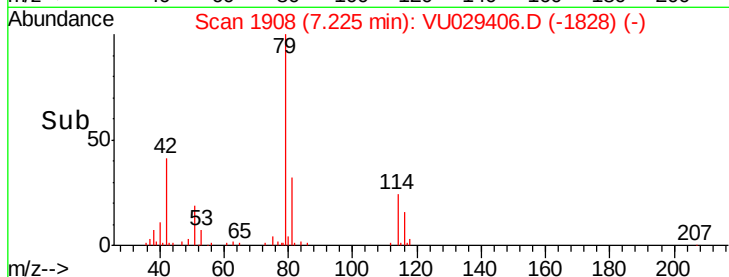
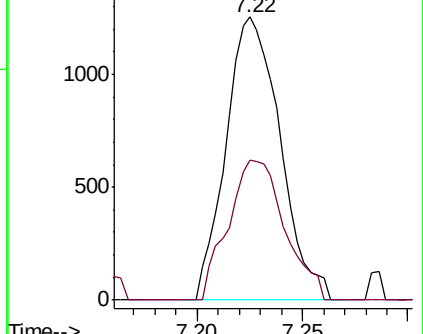
75 100

77 49.4 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#40

4-Methyl-2-pentanone

Concen: 0.725 ug/L

RT: 7.39 min Scan# 1960

Delta R.T. -0.07 min

Lab File: VU029406.D

Acq: 11 Feb 2019 19:08

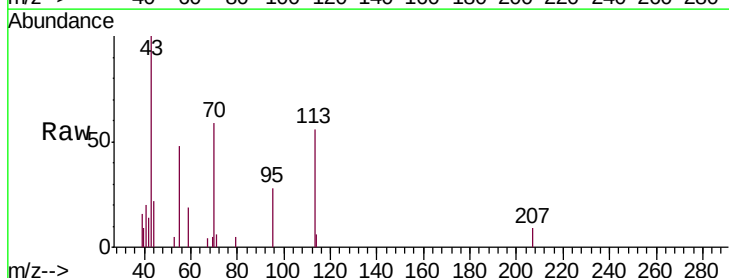
Tgt Ion: 43 Resp: 5271

Ion Ratio Lower Upper

43 100

58 0.0 33.0 49.4#

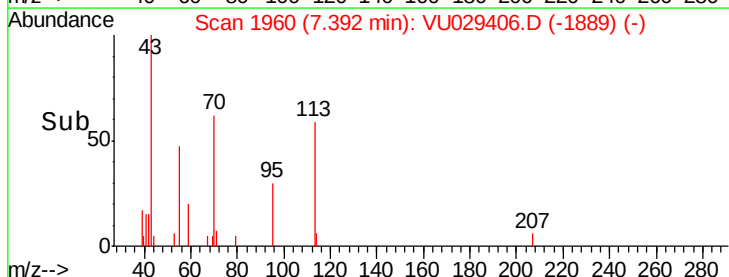
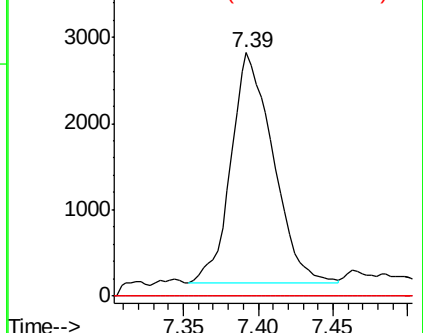
100 0.0 14.6 21.8#

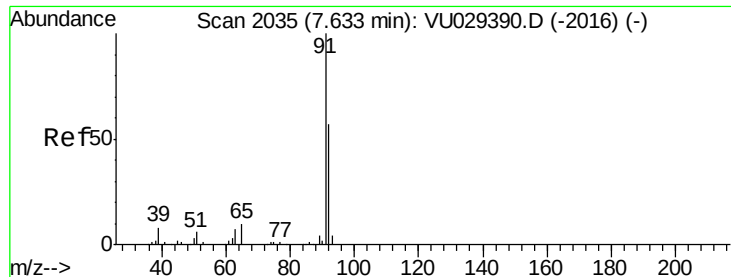


Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 100.15 (99.85 to 100.85): VU0





#42

Toluene

Concen: 0.351 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029406.D

Acq: 11 Feb 2019 19:08

Instrument :

MSVOA_U

ClientSampleId :

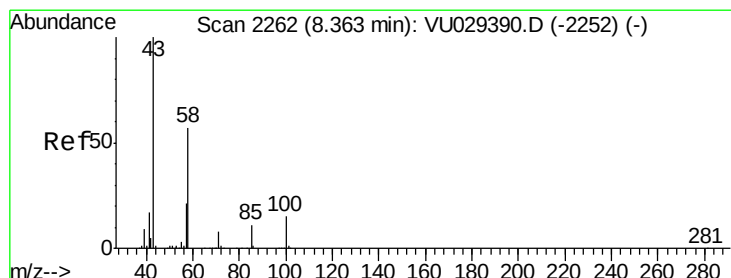
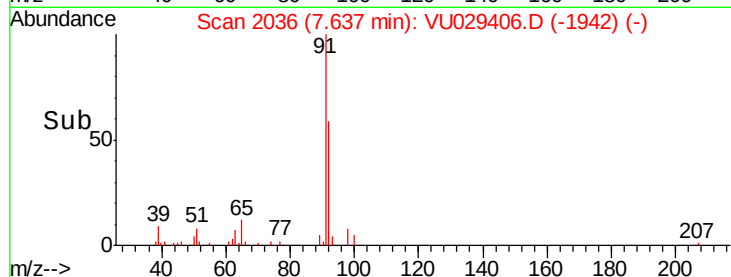
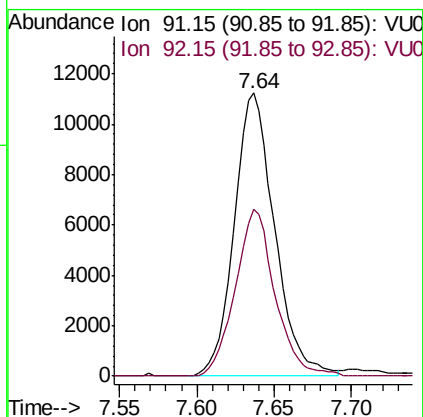
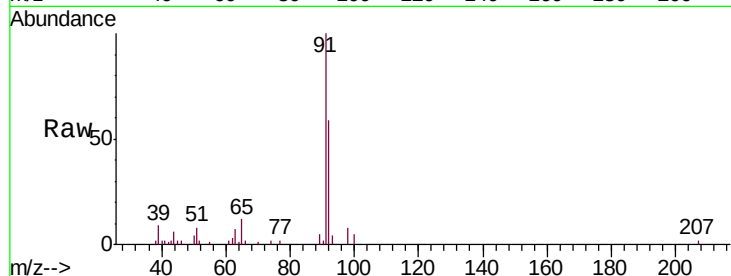
ESXA0

Tgt Ion: 91 Resp: 20354

Ion Ratio Lower Upper

91 100

92 58.8 39.7 73.7



#48

2-Hexanone

Concen: 0.517 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VU029406.D

Acq: 11 Feb 2019 19:08

Tgt Ion: 43 Resp: 2606

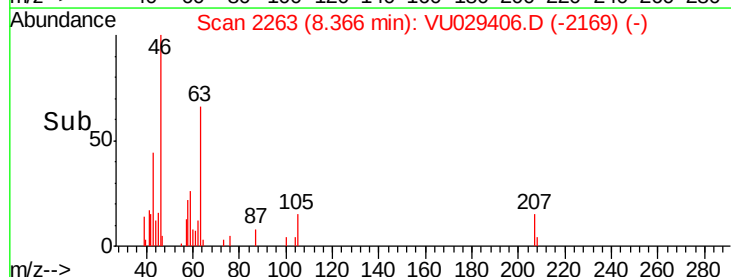
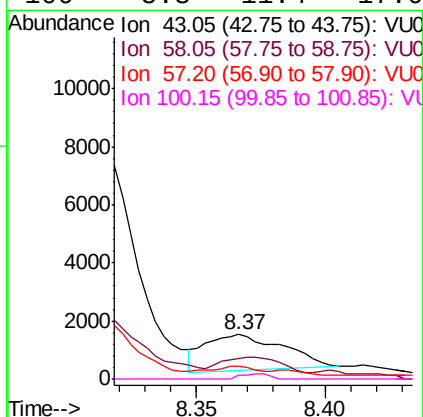
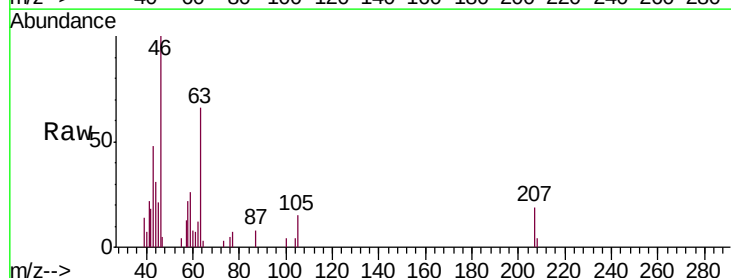
Ion Ratio Lower Upper

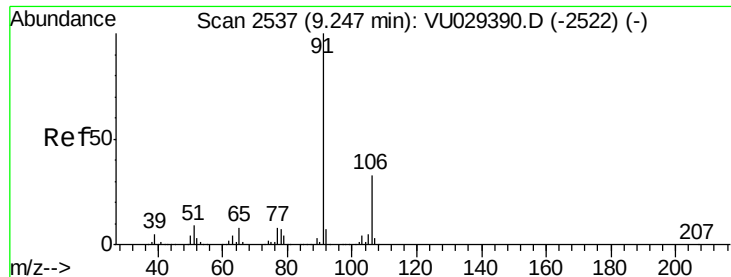
43 100

58 50.9 45.8 68.6

57 9.3 16.4 24.6#

100 5.3 11.4 17.0#





#52

Ethylbenzene

Concen: 0.072 ug/L

RT: 9.25 min Scan# 2538

Delta R.T. 0.00 min

Lab File: VU029406.D

Acq: 11 Feb 2019 19:08

Instrument :

MSVOA_U

ClientSampleId :

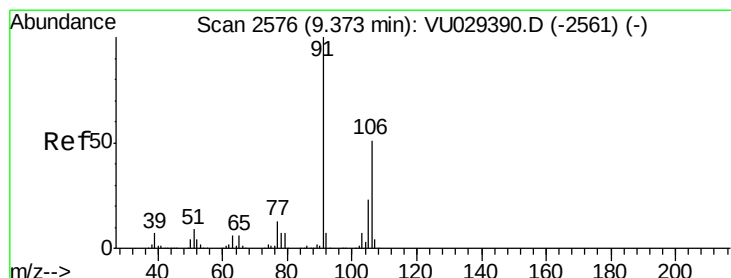
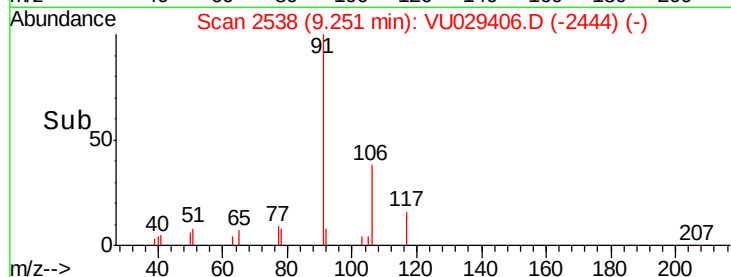
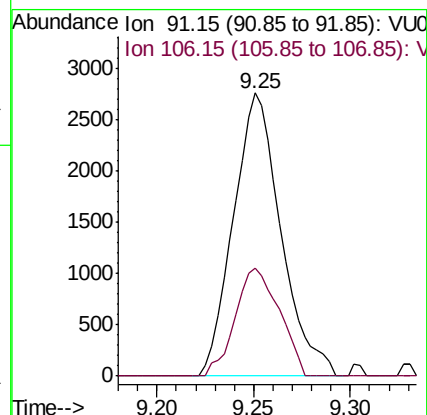
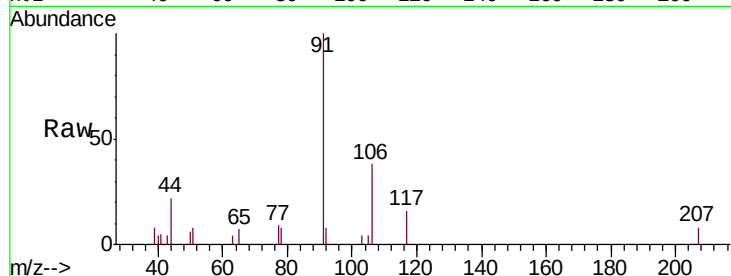
ESXA0

Tgt Ion: 91 Resp: 4727

Ion Ratio Lower Upper

91 100

106 38.4 23.0 42.8



#53

m,p-xylene

Concen: 0.303 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU029406.D

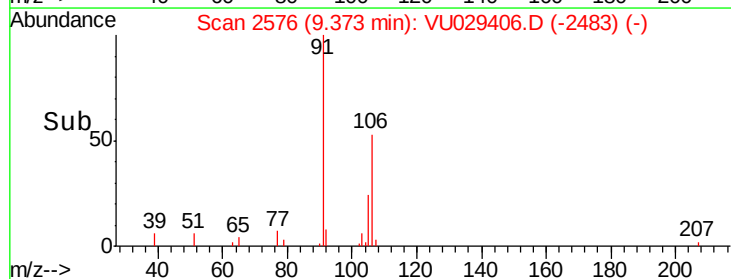
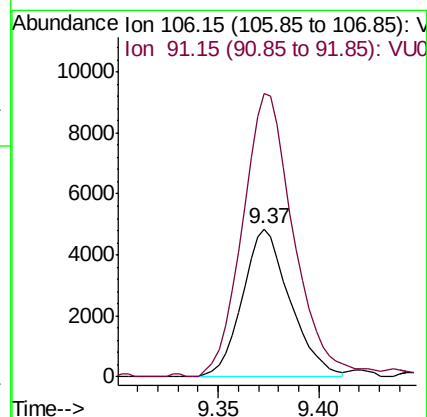
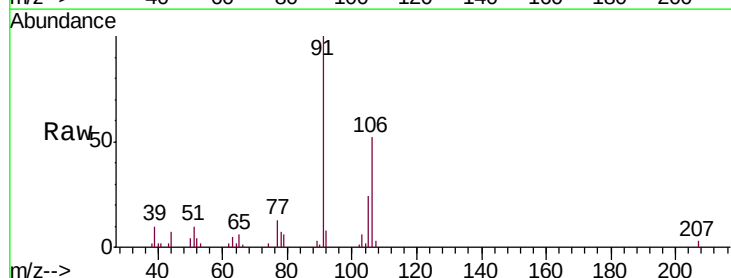
Acq: 11 Feb 2019 19:08

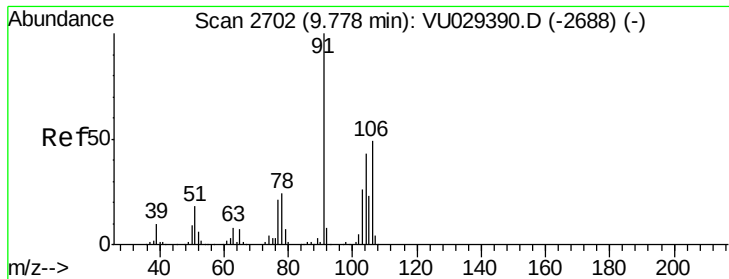
Tgt Ion: 106 Resp: 8002

Ion Ratio Lower Upper

106 100

91 191.3 138.4 257.0





#54

o-xylene

Concen: 0.117 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU029406.D

Acq: 11 Feb 2019 19:08

Instrument :

MSVOA_U

ClientSampleId :

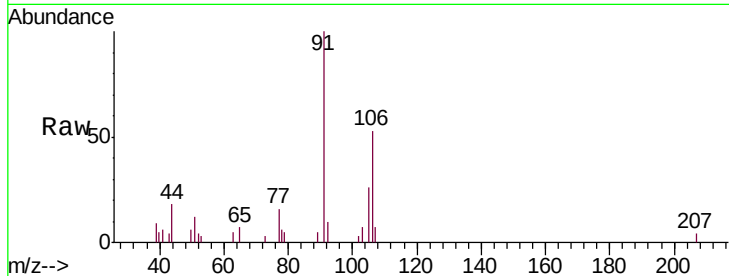
ESXA0

Tgt Ion: 106 Resp: 3002

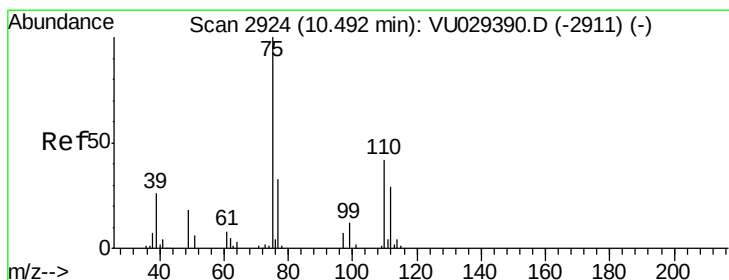
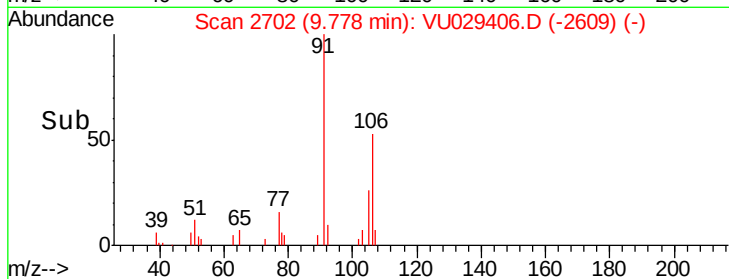
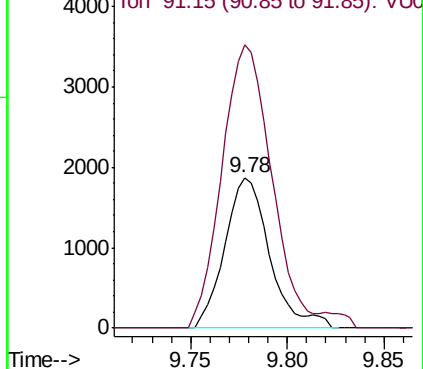
Ion Ratio Lower Upper

106 100

91 188.4 142.4 264.4



Abundance Ion 106.15 (105.85 to 106.85): VU029390.D (-2688) (-)



#59

1,2,3-Trichloropropane

Concen: 1.341 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029406.D

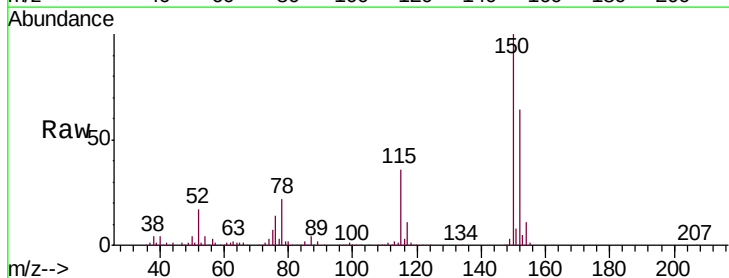
Acq: 11 Feb 2019 19:08

Tgt Ion: 75 Resp: 10960

Ion Ratio Lower Upper

75 100

77 40.7 25.8 38.6#



Abundance Ion 75.00 (74.70 to 75.70): VU029390.D (-2911) (-)

