

Data File : VU029398.D
Acq On : 11 Feb 2019 15:34
Operator : JC/SP
Sample : K1387-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JJ7

Quant Time: Feb 12 01:23:36 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	241600	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	223778	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	119531	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75733	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.68	69	61704	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.27	63	118502	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.19	46	146327	45.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.12%
24) Chloroform-d	4.65	84	119503	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.31	65	60228	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.34	84	249625	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.33	67	72450	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.56	98	243714	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.85	79	33147	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.31	63	146624	45.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	59440	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	99797	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

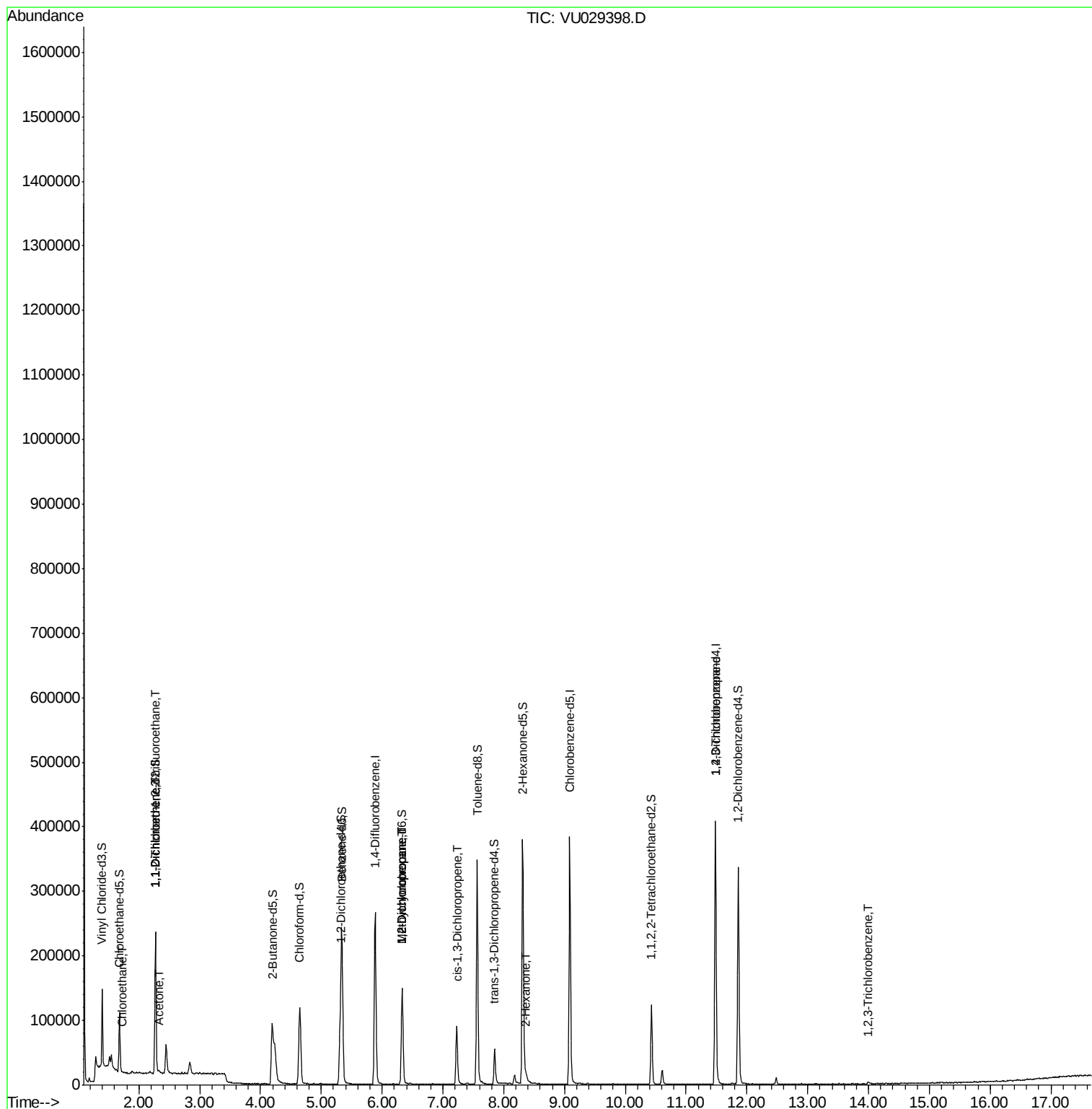
					Qvalue	
8) Chloroethane	1.72	64	1564	0.121	ug/L #	56
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1455	0.077	ug/L #	20
12) 1,1-Dichloroethene	2.28	96	1277	0.072	ug/L #	1
13) Acetone	2.32	43	4370	1.700	ug/L	90
35) Methylcyclohexane	6.33	83	17914	0.639	ug/L #	23
37) 1,2-Dichloropropane	6.33	63	7888	0.543	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	2487	0.106	ug/L #	66
48) 2-Hexanone	8.37	43	3495	0.615	ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	12011	1.303	ug/L	90
70) 1,2,3-Trichlorobenzene	14.00	180	1933	0.080	ug/L #	92

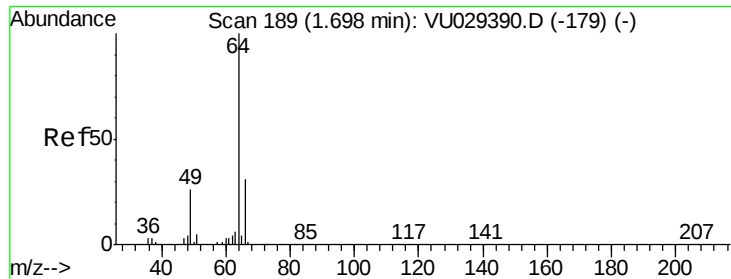
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 12 01:17:05 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.121 ug/L

RT: 1.72 min Scan# 196

Delta R.T. 0.02 min

Lab File: VU029398.D

Acq: 11 Feb 2019 15:34

Instrument :

MSVOA_U

ClientSampleId :

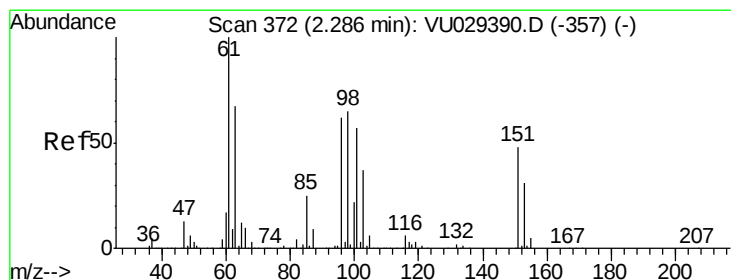
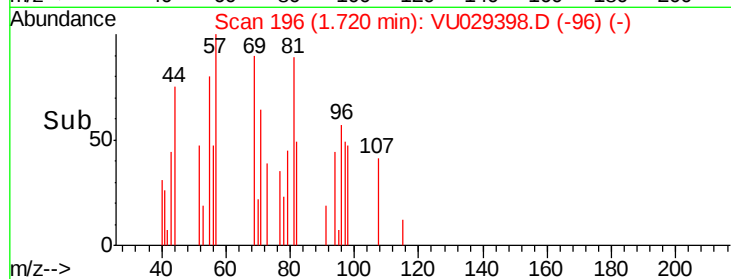
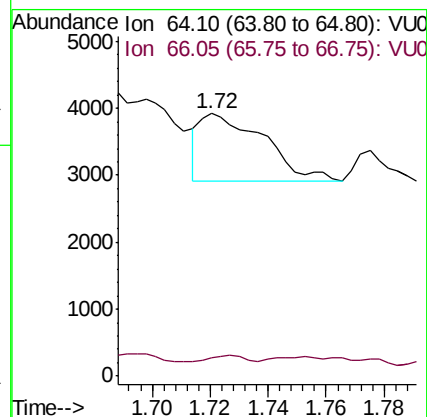
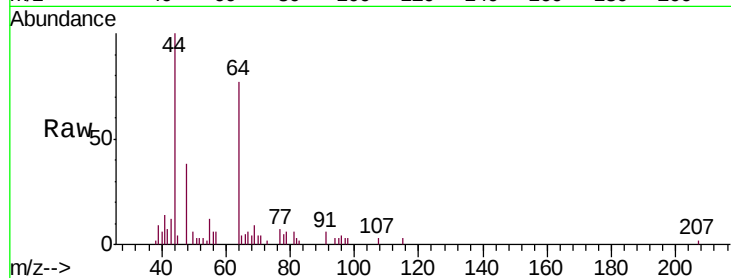
C0JJ7

Tgt Ion: 64 Resp: 1564

Ion Ratio Lower Upper

64 100

66 7.0 21.8 40.4#



#10

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

Concen: 0.077 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029398.D

Acq: 11 Feb 2019 15:34

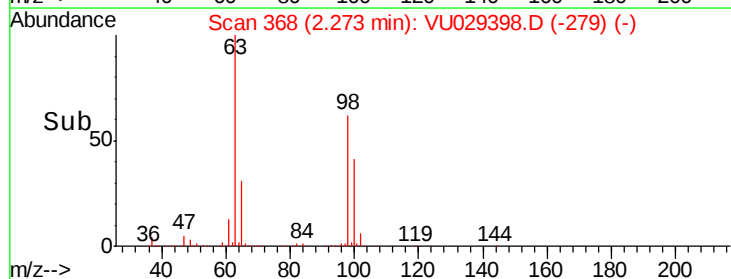
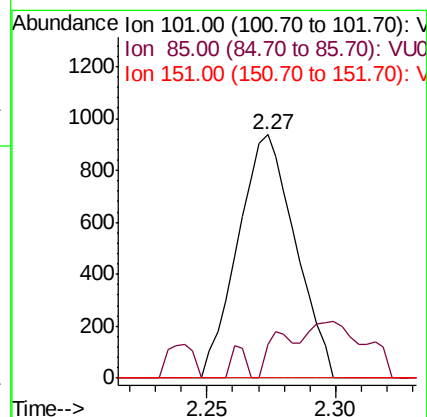
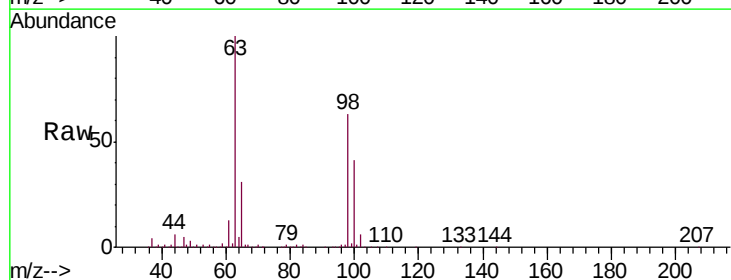
Tgt Ion: 101 Resp: 1455

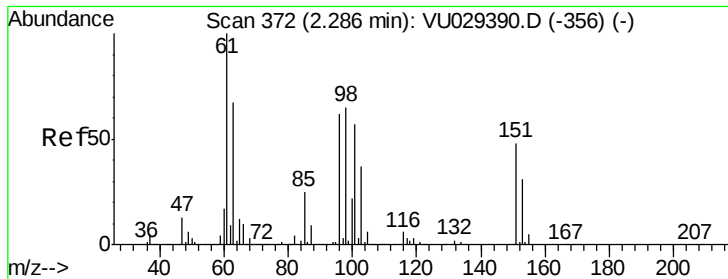
Ion Ratio Lower Upper

101 100

85 8.2 34.9 52.3#

151 0.0 67.0 100.4#





#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029398.D

Acq: 11 Feb 2019 15:34

Instrument :

MSVOA_U

ClientSampleId :

C0JJ7

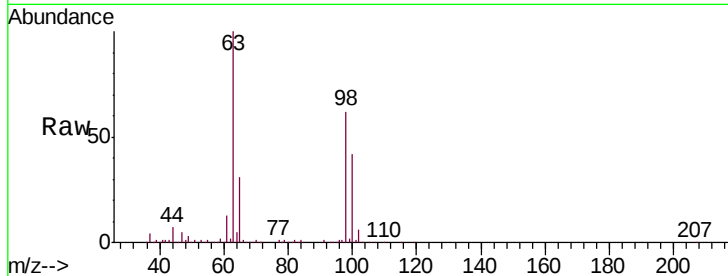
Tgt Ion: 96 Resp: 1277

Ion Ratio Lower Upper

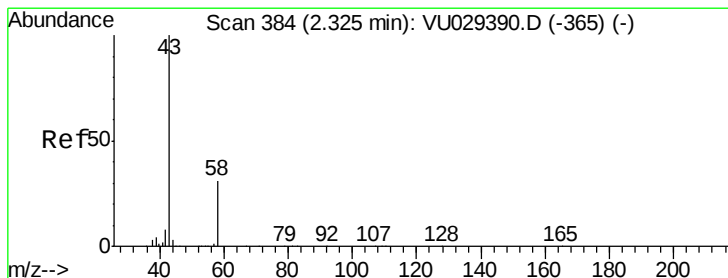
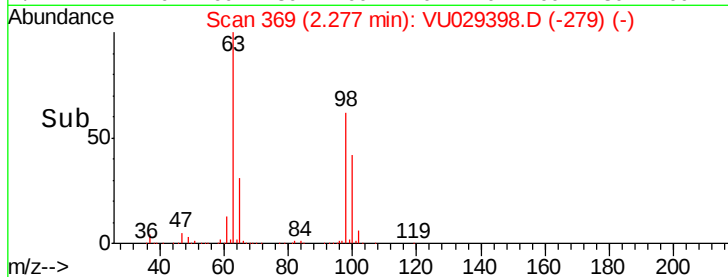
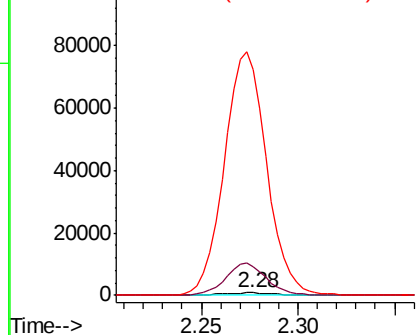
96 100

61 1043.9 112.4 208.8#

63 8106.6 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: 1.700 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU029398.D

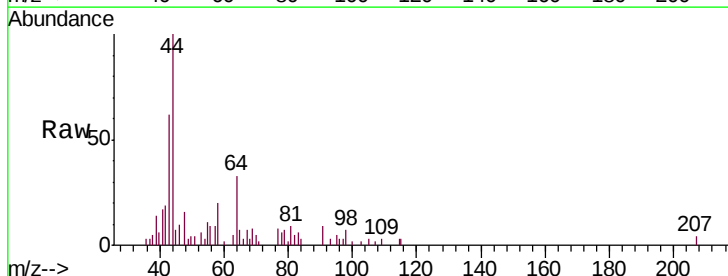
Acq: 11 Feb 2019 15:34

Tgt Ion: 43 Resp: 4370

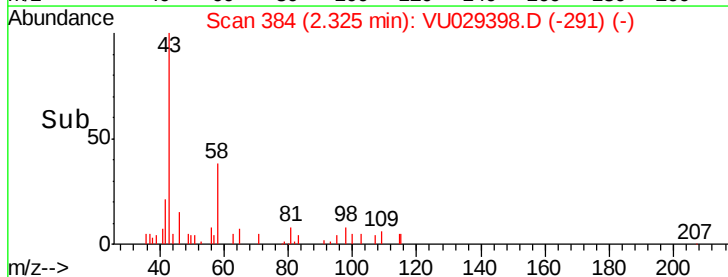
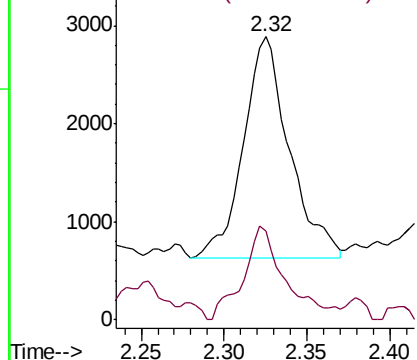
Ion Ratio Lower Upper

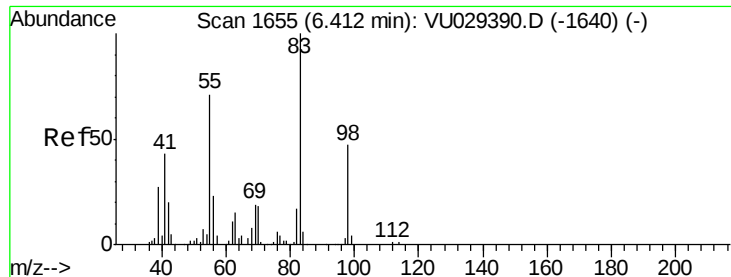
43 100

58 37.8 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0

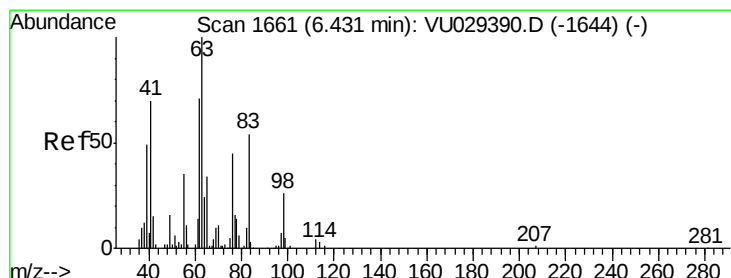
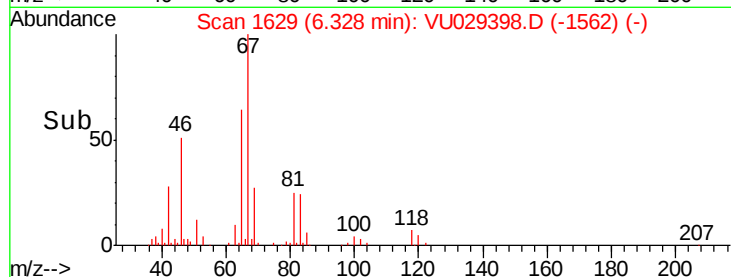
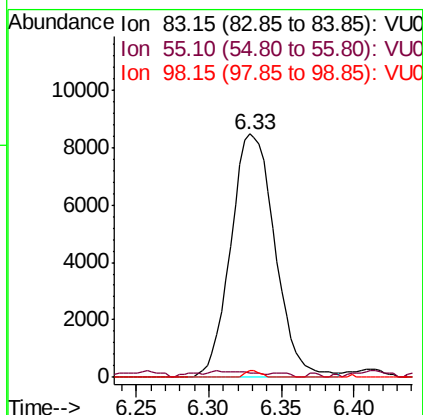
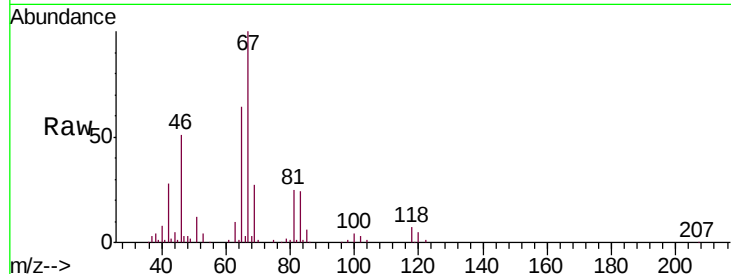




#35
Methylcyclohexane
Concen: 0.639 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029398.D
Acq: 11 Feb 2019 15:34

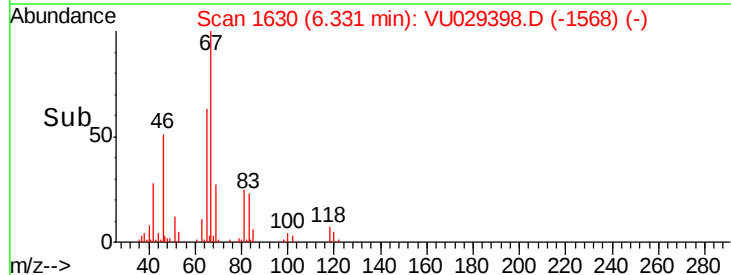
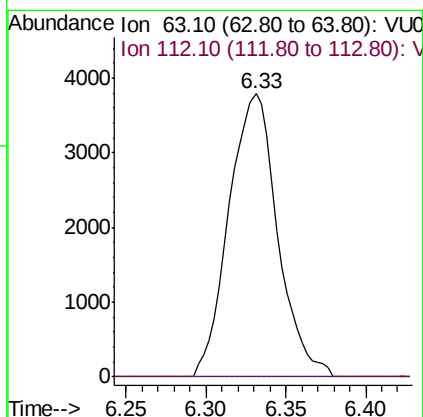
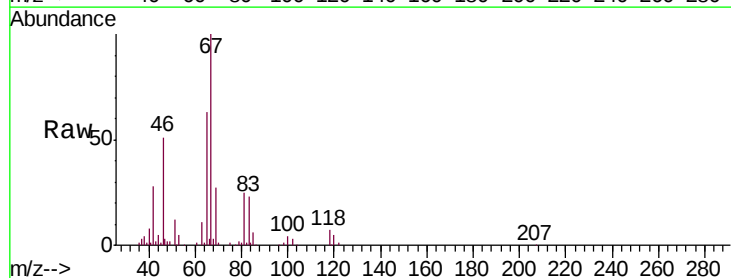
Instrument :
MSVOA_U
ClientSampled :
C0JJ7

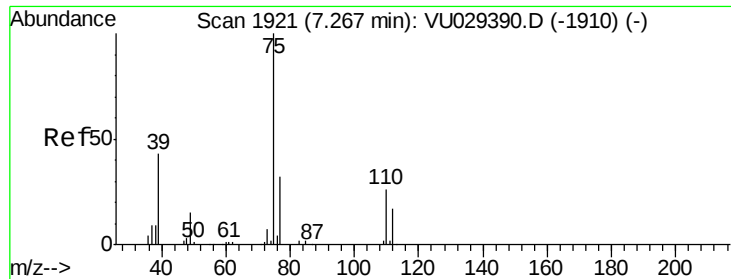
Tgt Ion: 83 Resp: 17914
Ion Ratio Lower Upper
83 100
55 1.5 55.3 82.9#
98 1.0 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.543 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029398.D
Acq: 11 Feb 2019 15:34

Tgt Ion: 63 Resp: 7888
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



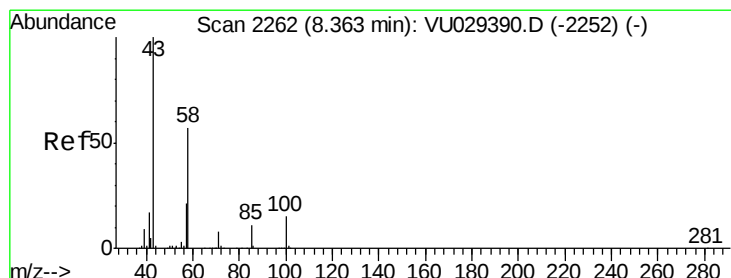
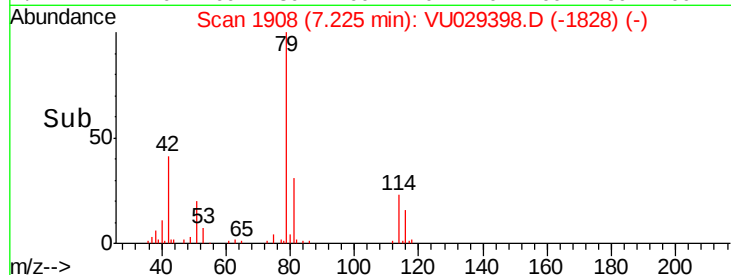
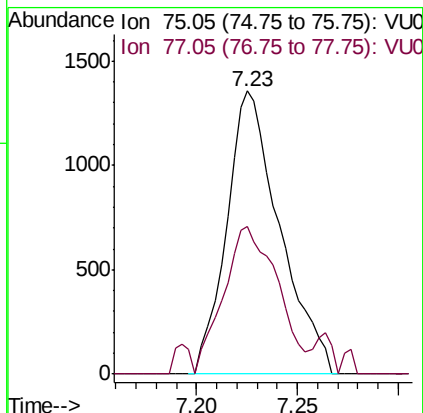
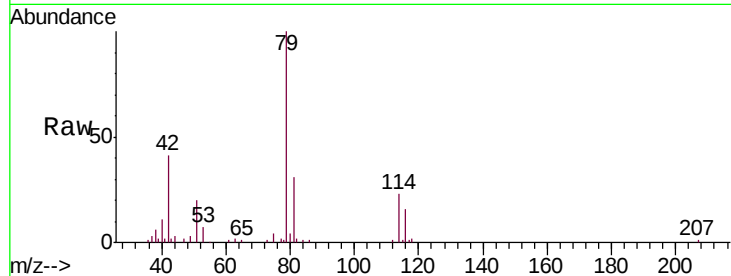


#39

cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.23 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029398.D
 Acq: 11 Feb 2019 15:34

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JJ7

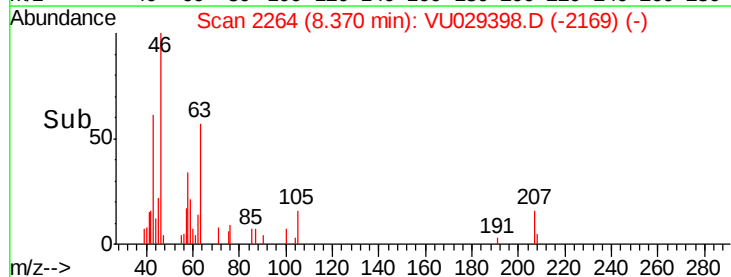
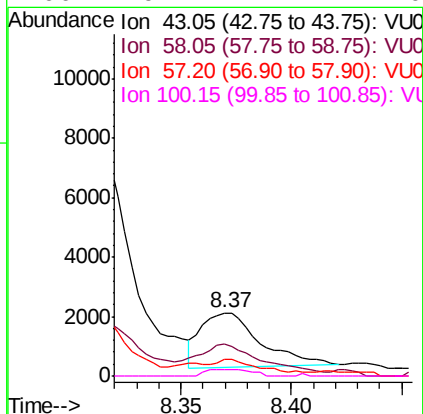
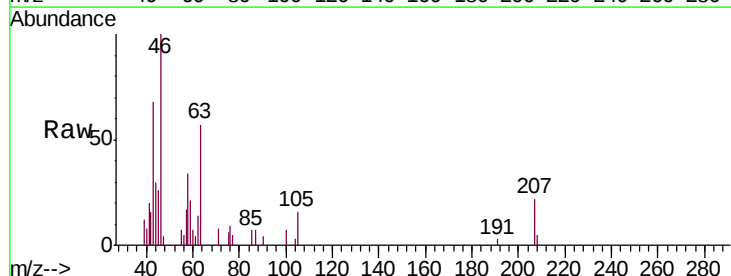
Tgt Ion: 75 Resp: 2487
 Ion Ratio Lower Upper
 75 100
 77 52.0 22.9 42.5#

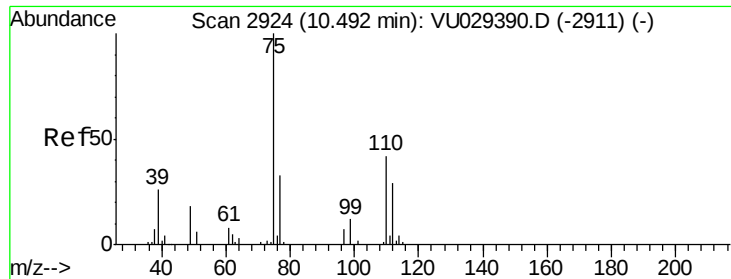


#48

2-Hexanone
 Concen: 0.615 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU029398.D
 Acq: 11 Feb 2019 15:34

Tgt Ion: 43 Resp: 3495
 Ion Ratio Lower Upper
 43 100
 58 66.8 45.8 68.6
 57 15.7 16.4 24.6#
 100 9.2 11.4 17.0#





#59

1,2,3-Trichloropropane

Concen: 1.303 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029398.D

Acq: 11 Feb 2019 15:34

Instrument :

MSVOA_U

ClientSampleId :

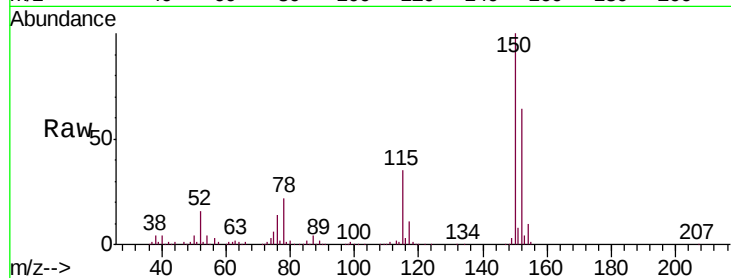
C0JJ7

Tgt Ion: 75 Resp: 12011

Ion Ratio Lower Upper

75 100

77 37.9 25.8 38.6



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

Ion 77.00 (76.70 to 77.70): VU029390.D (-2911) (-)

11.48

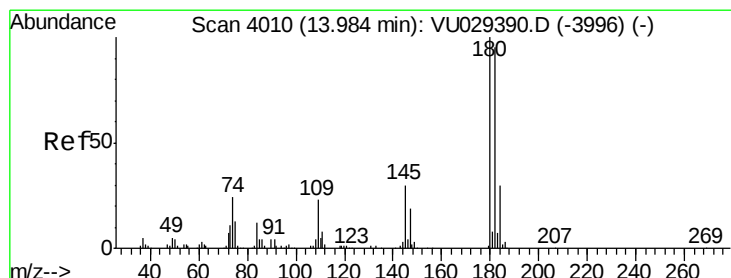
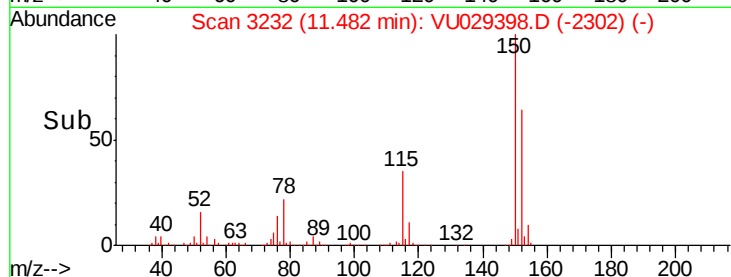
6000

4000

2000

0

Time--> 11.40 11.45 11.50 11.55



#70

1,2,3-Trichlorobenzene

Concen: 0.080 ug/L

RT: 14.00 min Scan# 4015

Delta R.T. 0.02 min

Lab File: VU029398.D

Acq: 11 Feb 2019 15:34

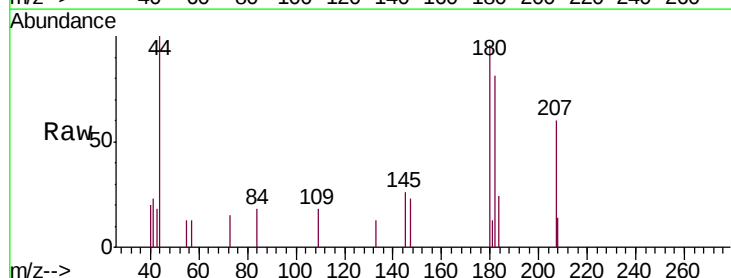
Tgt Ion: 180 Resp: 1933

Ion Ratio Lower Upper

180 100

182 90.5 75.2 112.8

145 18.1 23.7 35.5#



Abundance Ion 179.90 (179.60 to 180.60): VU029390.D (-3996) (-)

Ion 181.90 (181.60 to 182.60): VU029390.D (-3996) (-)

Ion 144.95 (144.65 to 145.65): VU029390.D (-3996) (-)

14.00

800

600

400

200

0

Time--> 13.95 14.00 14.05

