

Data File : VU029395.D
Acq On : 11 Feb 2019 14:21
Operator : JC/SP
Sample : K1387-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JJ8

Quant Time: Feb 12 01:21:14 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	226500	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	209999	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	116258	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	83028	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.68	69	67789	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.27	63	126829	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.19	46	147251	48.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.82%
24) Chloroform-d	4.65	84	125918	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.31	65	63894	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.33	84	270996	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.33	67	78745	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.56	98	263662	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	7.85	79	35124	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.31	63	152930	50.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	62359	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	109375	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	1301	0.074	ug/L #	27
12) 1,1-Dichloroethene	2.28	96	2010	0.121	ug/L #	1
13) Acetone	2.32	43	47392	19.669	ug/L	99
15) Methyl Acetate	2.44	43	8095	1.203	ug/L #	49
21) 2-Butanone	4.29	43	5787	1.936	ug/L	81
25) Chloroform	4.67	83	2476	0.095	ug/L #	70
30) Cyclohexane	4.99	56	61399	2.783	ug/L	98
35) Methylcyclohexane	6.33	83	18926	0.719	ug/L #	23
37) 1,2-Dichloropropane	6.33	63	8549	0.627	ug/L #	87
42) Toluene	7.64	91	2772	0.045	ug/L	89
48) 2-Hexanone	8.37	43	9927	1.861	ug/L #	93
59) 1,2,3-Trichloropropane	11.48	75	11486	1.328	ug/L #	79
65) 1,2-Dichlorobenzene	11.88	146	2990	0.089	ug/L #	82
67) 1,3,5-Trichlorobenzene	12.89	180	1940	0.065	ug/L	91
69) Naphthalene	13.75	128	2346	0.058	ug/L #	96
70) 1,2,3-Trichlorobenzene	13.99	180	6548	0.279	ug/L	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021119\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : JC/SP

Sample : K1387-03

Misc : 25.0mL/MSV0A_U/WATER

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ALS Vial      : 9      Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :
C0JJ8

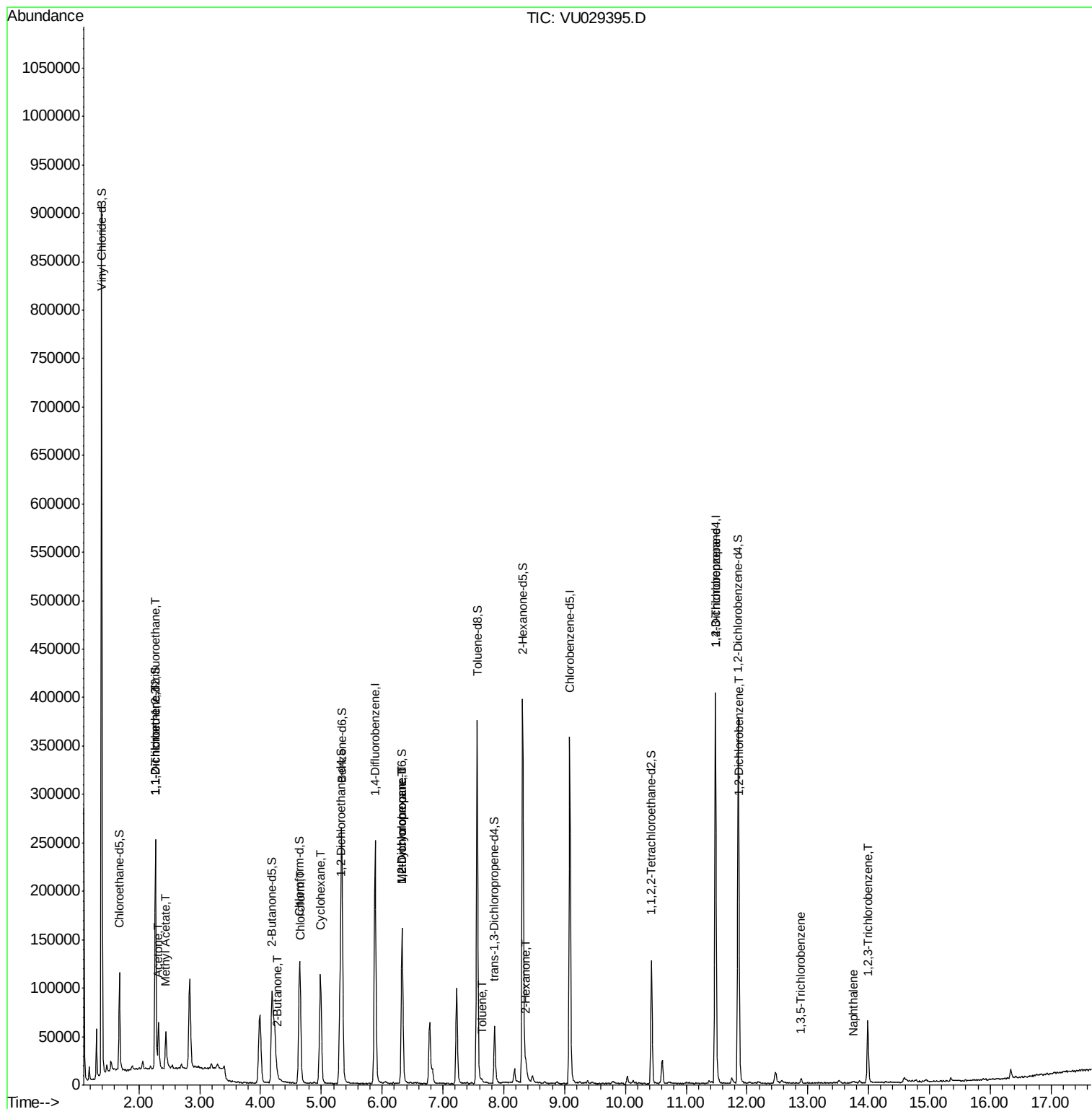
Quant Time: Feb 12 01:21:14 2019

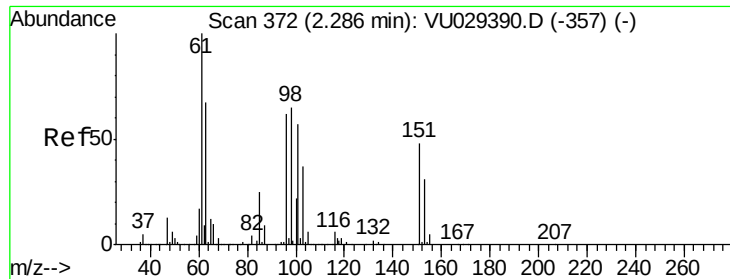
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\SOMUTR021119WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Feb 12 01:17:05 2019

Response via : Initial Calibration





#10

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

Concen: 0.074 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029395.D

Acq: 11 Feb 2019 14:21

Instrument :

MSVOA_U

ClientSampleId :

C0JJ8

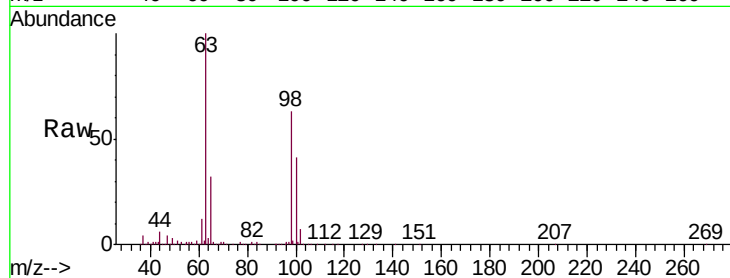
Tgt Ion: 101 Resp: 1301

Ion Ratio Lower Upper

101 100

85 18.1 34.9 52.3#

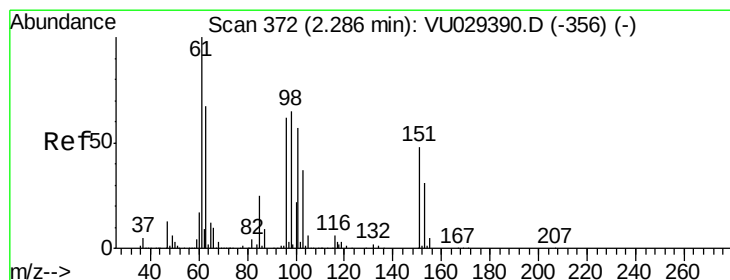
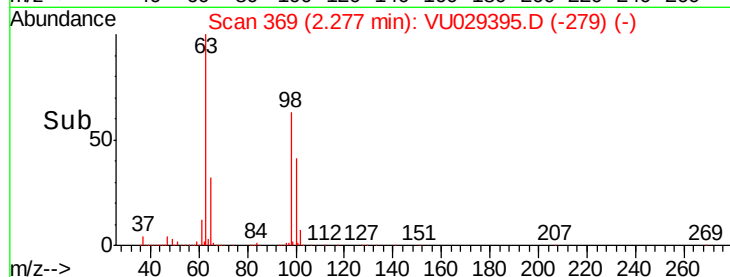
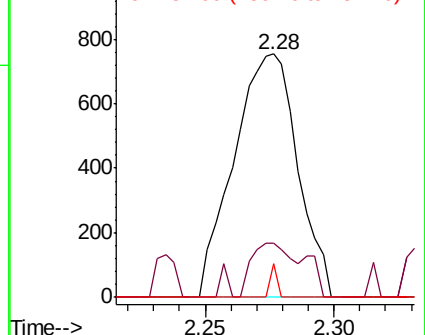
151 1.5 67.0 100.4#



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: 0.121 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029395.D

Acq: 11 Feb 2019 14:21

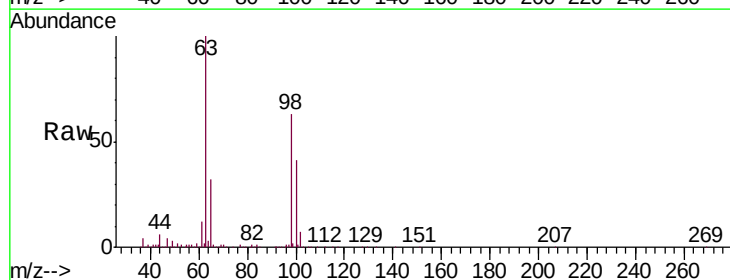
Tgt Ion: 96 Resp: 2010

Ion Ratio Lower Upper

96 100

61 954.9 112.4 208.8#

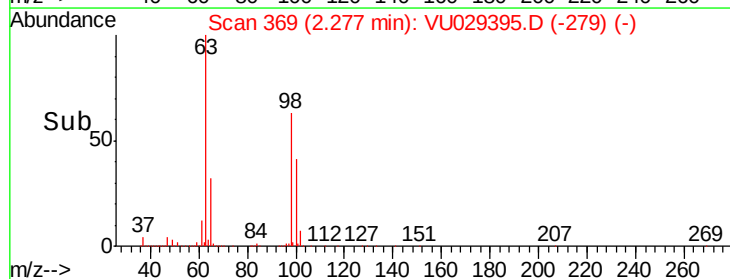
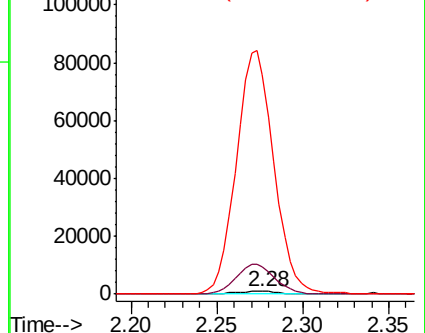
63 7664.0 75.5 140.3#

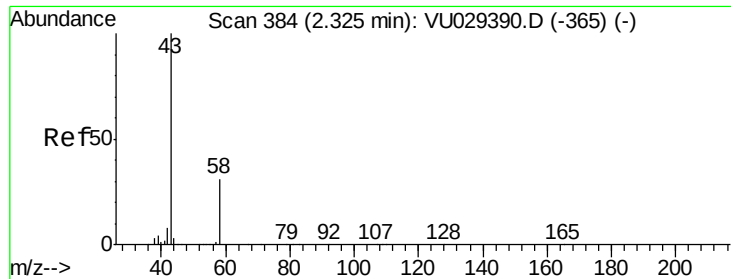


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 19.669 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU029395.D

Acq: 11 Feb 2019 14:21

Instrument :

MSVOA_U

ClientSampleId :

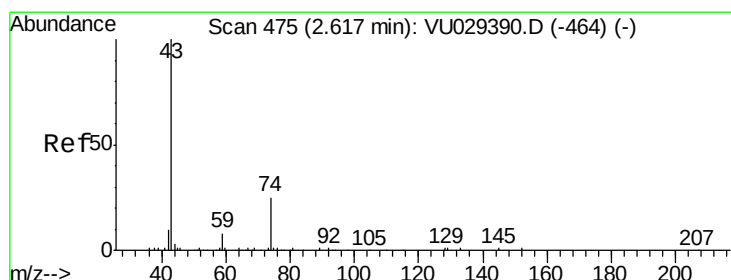
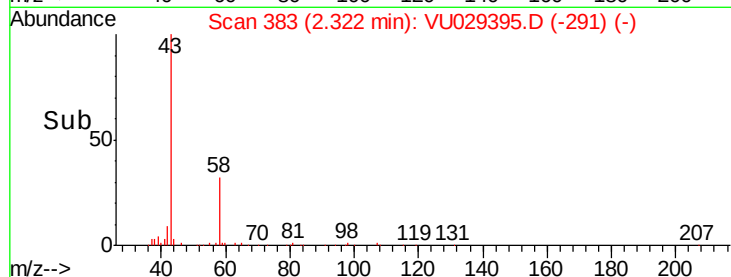
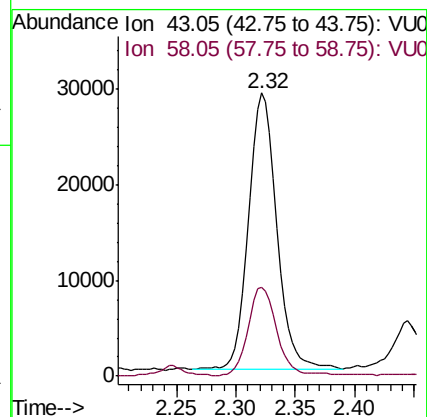
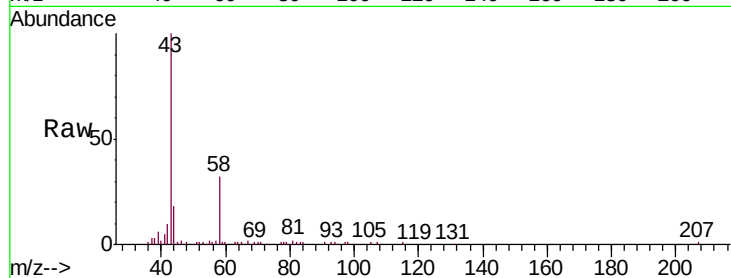
C0JJ8

Tgt Ion: 43 Resp: 47392

Ion Ratio Lower Upper

43 100

58 32.5 0.0 64.2



#15

Methyl Acetate

Concen: 1.203 ug/L

RT: 2.44 min Scan# 421

Delta R.T. -0.17 min

Lab File: VU029395.D

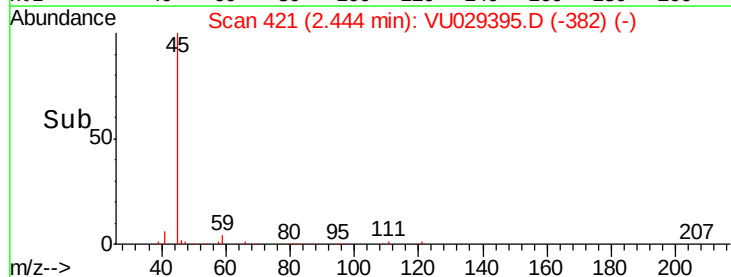
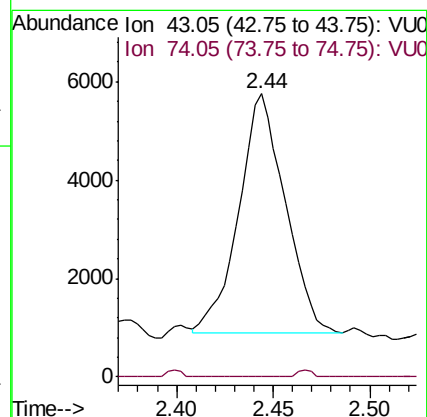
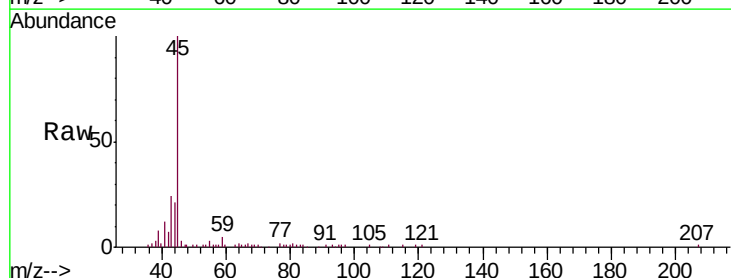
Acq: 11 Feb 2019 14:21

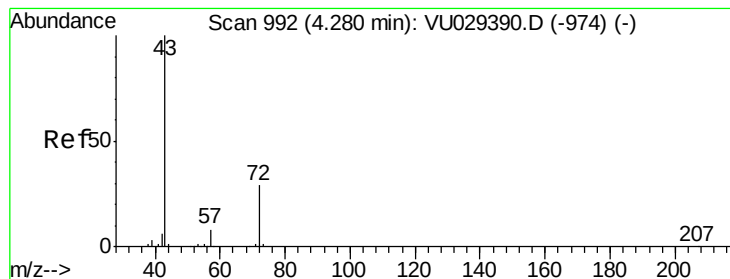
Tgt Ion: 43 Resp: 8095

Ion Ratio Lower Upper

43 100

74 0.9 21.8 32.8#





#21

2-Butanone

Concen: 1.936 ug/L

RT: 4.29 min Scan# 994

Delta R.T. 0.01 min

Lab File: VU029395.D

Acq: 11 Feb 2019 14:21

Instrument :

MSVOA_U

ClientSampleId :

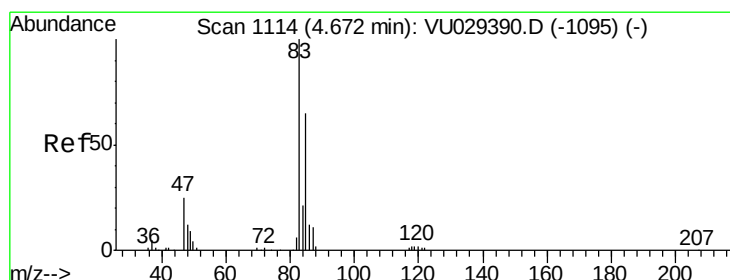
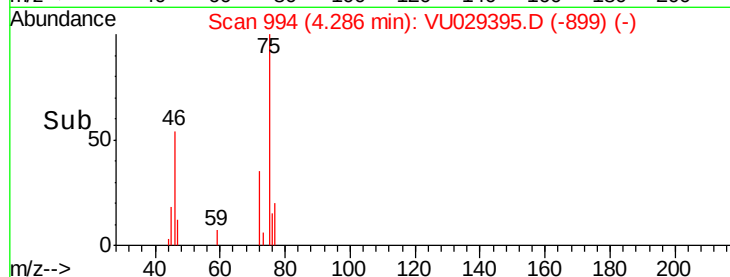
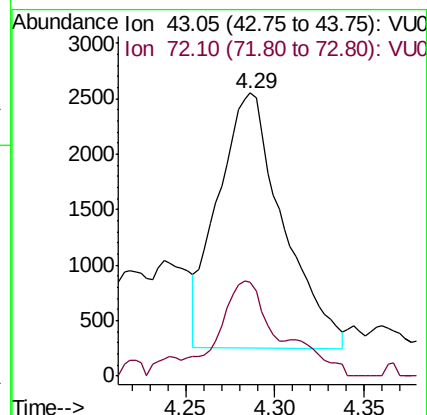
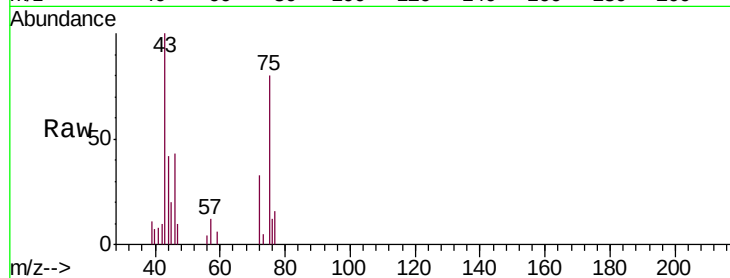
C0JJ8

Tgt Ion: 43 Resp: 5787

Ion Ratio Lower Upper

43 100

72 19.8 15.0 45.1



#25

Chloroform

Concen: 0.095 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VU029395.D

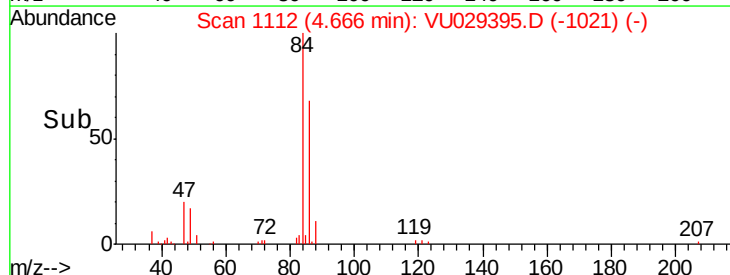
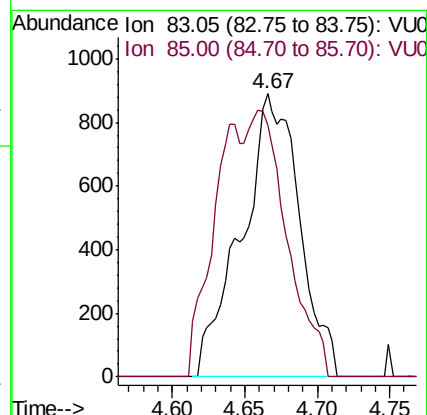
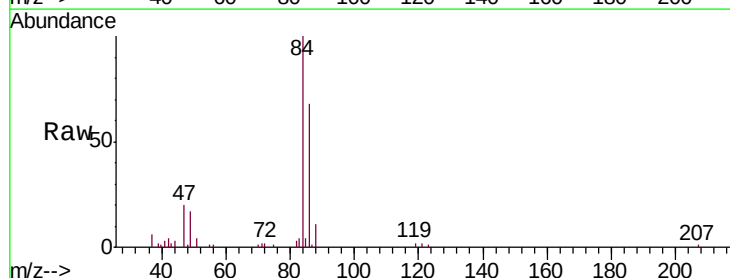
Acq: 11 Feb 2019 14:21

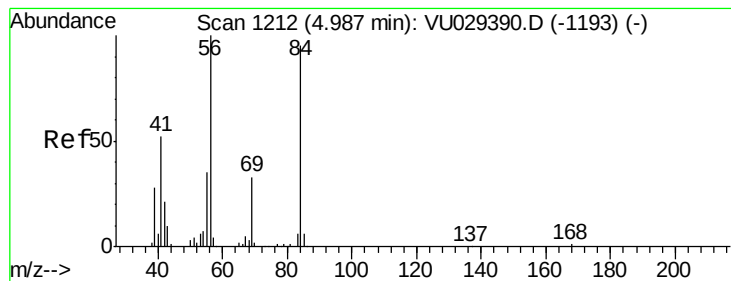
Tgt Ion: 83 Resp: 2476

Ion Ratio Lower Upper

83 100

85 88.8 45.7 84.9#





#30

Cyclohexane

Concen: 2.783 ug/L

RT: 4.99 min Scan# 1212

Delta R.T. -0.00 min

Lab File: VU029395.D

Acq: 11 Feb 2019 14:21

Instrument :

MSVOA_U

ClientSampleId :

C0JJ8

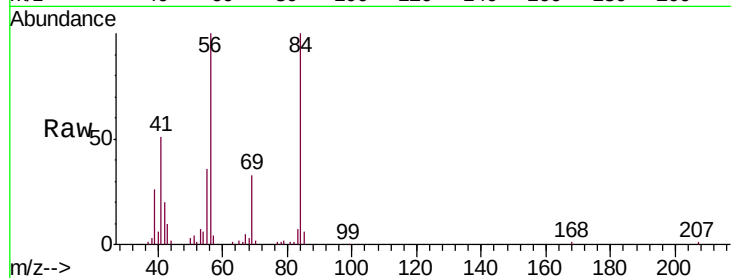
Tgt Ion: 56 Resp: 61399

Ion Ratio Lower Upper

56 100

69 33.4 26.8 40.2

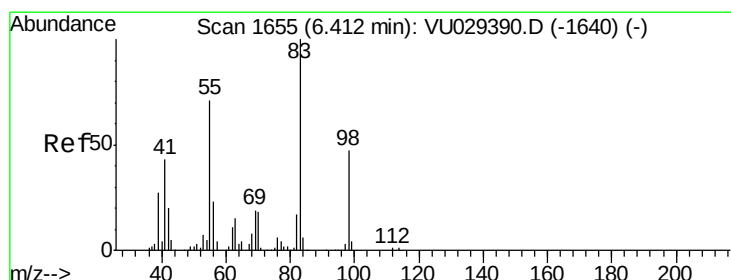
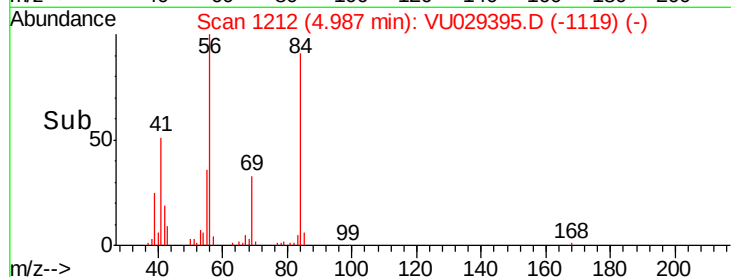
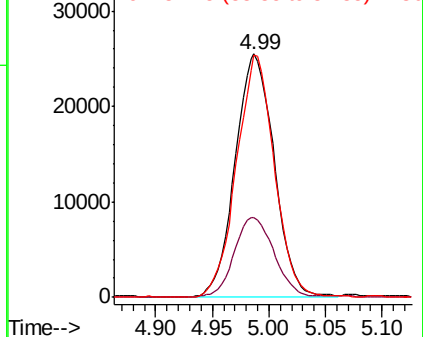
84 96.2 78.7 118.1



Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0



#35

Methylcyclohexane

Concen: 0.719 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU029395.D

Acq: 11 Feb 2019 14:21

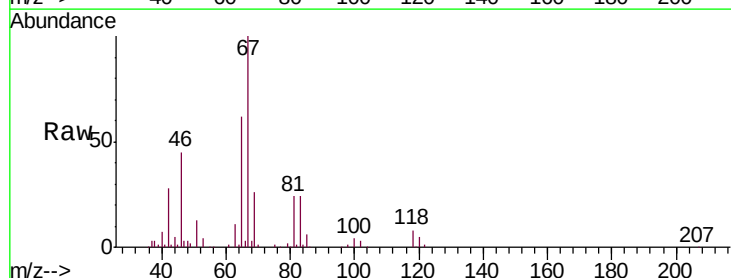
Tgt Ion: 83 Resp: 18926

Ion Ratio Lower Upper

83 100

55 2.2 55.3 82.9#

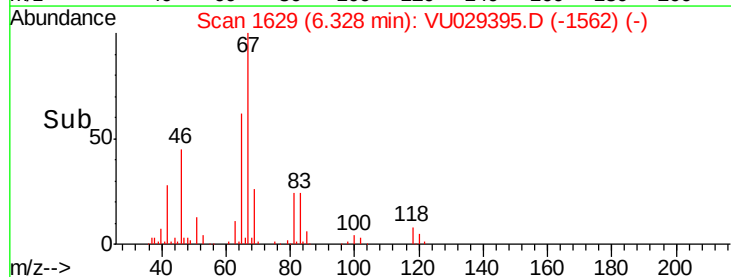
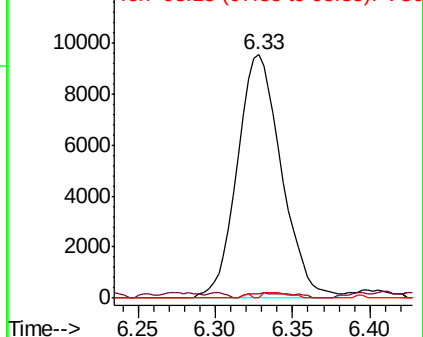
98 1.4 37.9 56.9#

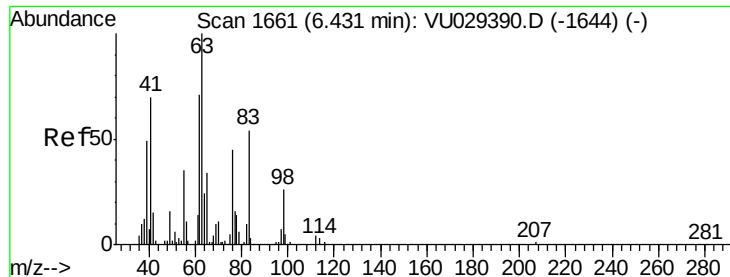


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

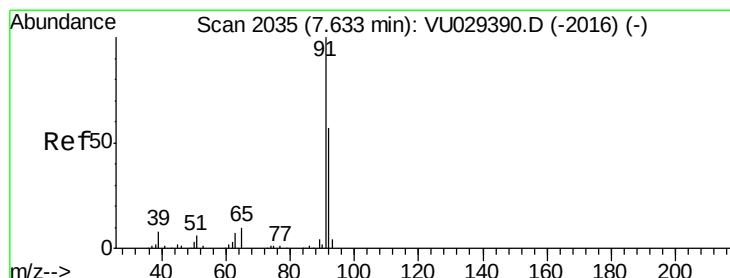
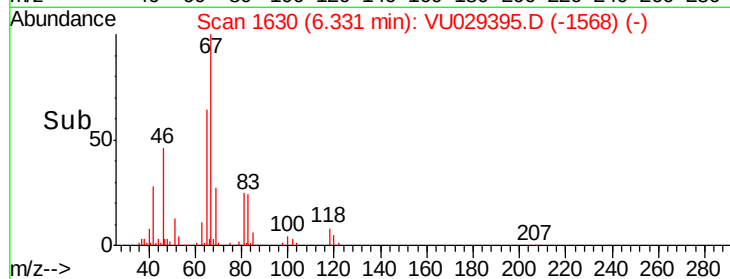
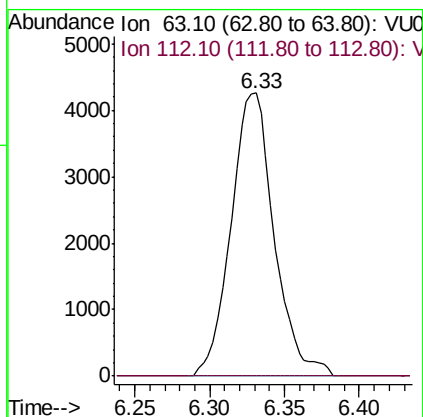
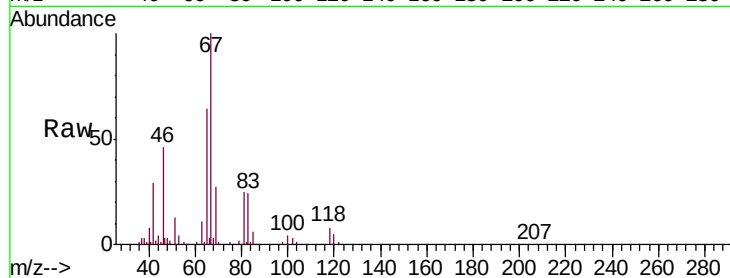




#37
 1,2-Dichloropropane
 Concen: 0.627 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.10 min
 Lab File: VU029395.D
 Acq: 11 Feb 2019 14:21

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 C0JJ8

Tgt Ion: 63 Resp: 8549
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#42
 Toluene
 Concen: 0.045 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VU029395.D
 Acq: 11 Feb 2019 14:21

Tgt Ion: 91 Resp: 2772
 Ion Ratio Lower Upper
 91 100
 92 65.0 39.7 73.7

