

Data File : VU029399.D
Acq On : 11 Feb 2019 15:58
Operator : JC/SP
Sample : K1438-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXB4

Quant Time: Feb 12 01:23:44 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	217666	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	205598	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111355	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	84240	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.68	69	69758	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.27	63	129366	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	4.19	46	151393	52.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.64%
24) Chloroform-d	4.65	84	128115	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.31	65	65909	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.34	84	276732	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
36) 1,2-Dichloropropane-d6	6.33	67	79335	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.56	98	266699	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
43) trans-1,3-Dichloropropene-	7.85	79	35105	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.31	63	159592	54.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	65987	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	110210	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

					Qvalue	
8) Chloroethane	1.69	64	1273	0.110	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1527	0.090	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	1292	0.081	ug/L #	1
13) Acetone	2.32	43	13987	6.041	ug/L	92
15) Methyl Acetate	2.62	43	1683	0.260	ug/L	95
27) 1,2-Dichloroethane	5.41	62	14229	0.961	ug/L #	89
35) Methylcyclohexane	6.33	83	19976	0.775	ug/L #	23
37) 1,2-Dichloropropane	6.33	63	8543	0.640	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	2491	0.116	ug/L #	69
42) Toluene	7.64	91	5100	0.085	ug/L	87
48) 2-Hexanone	8.37	43	4513	0.864	ug/L #	77
52) Ethylbenzene	9.25	91	24067	0.351	ug/L	100
53) m,p-xylene	9.37	106	50207	1.834	ug/L	98
54) o-xylene	9.78	106	26908	1.012	ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	11743	1.386	ug/L	91
69) Naphthalene	13.75	128	2970	0.077	ug/L #	91

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

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

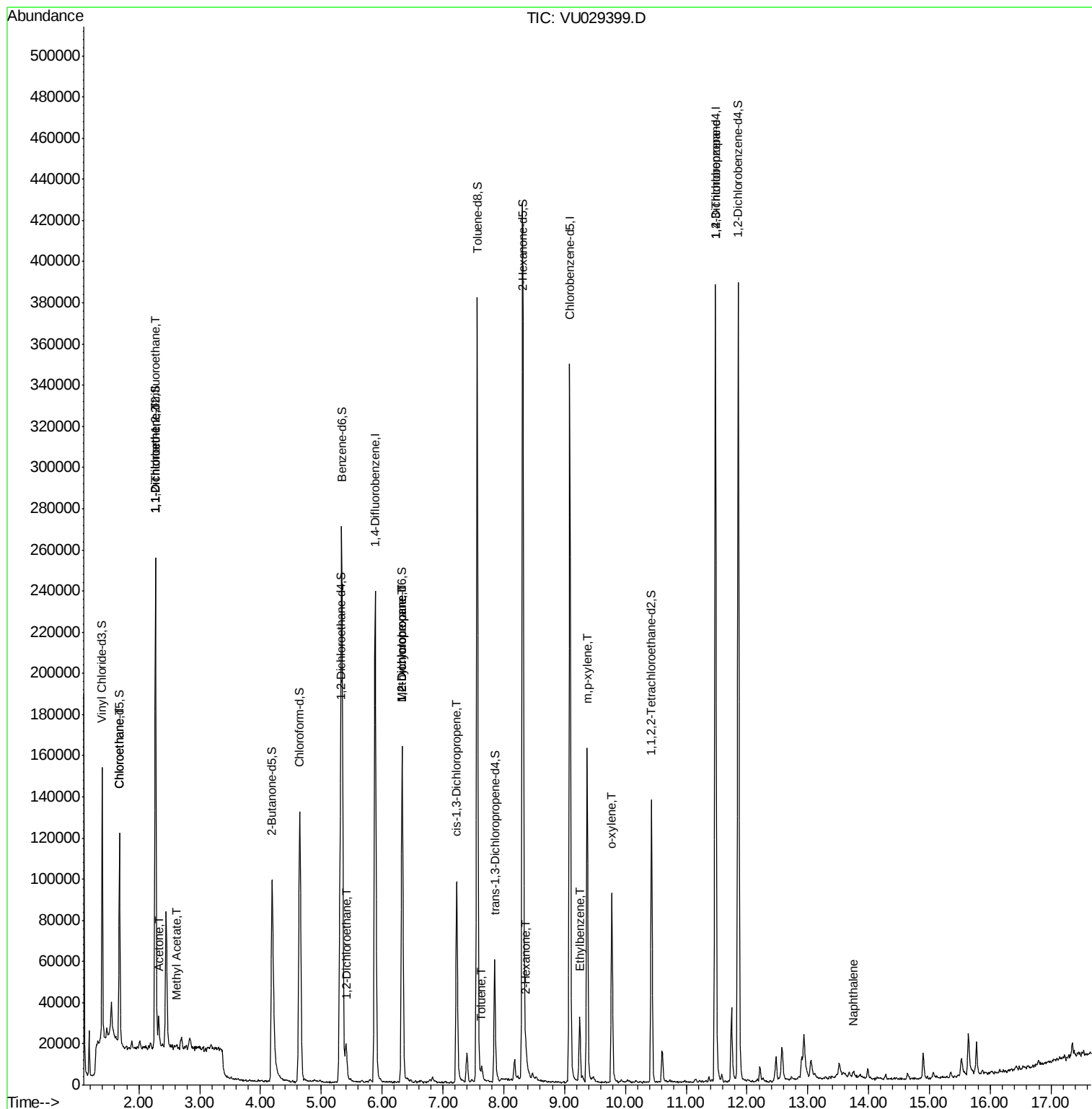
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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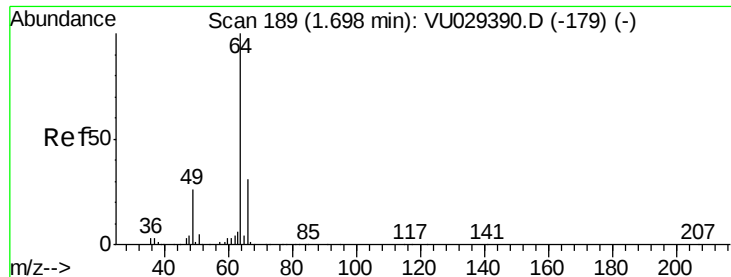
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.110 ug/L

RT: 1.69 min Scan# 187

Delta R.T. -0.01 min

Lab File: VU029399.D

Acq: 11 Feb 2019 15:58

Instrument :

MSVOA_U

ClientSampleId :

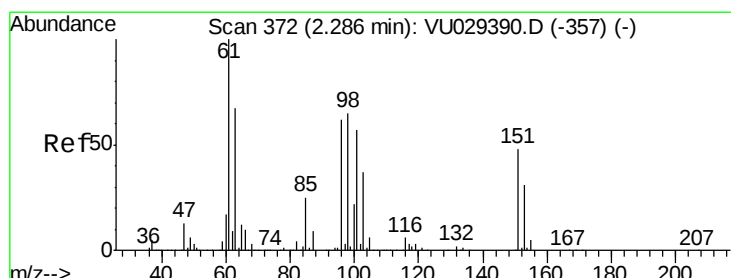
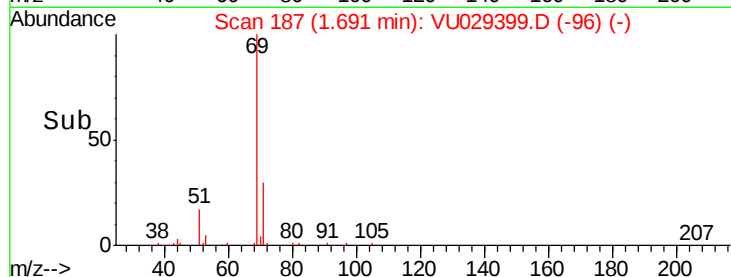
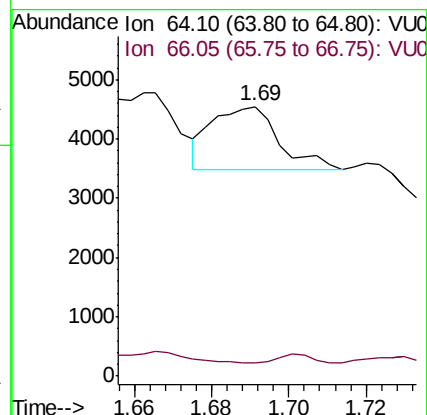
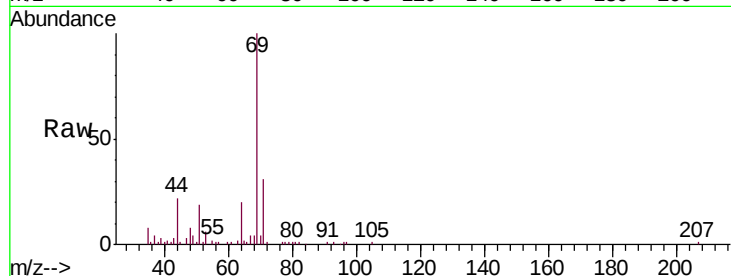
ESXB4

Tgt Ion: 64 Resp: 1273

Ion Ratio Lower Upper

64 100

66 5.0 21.8 40.4#



#10

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

Concen: 0.090 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029399.D

Acq: 11 Feb 2019 15:58

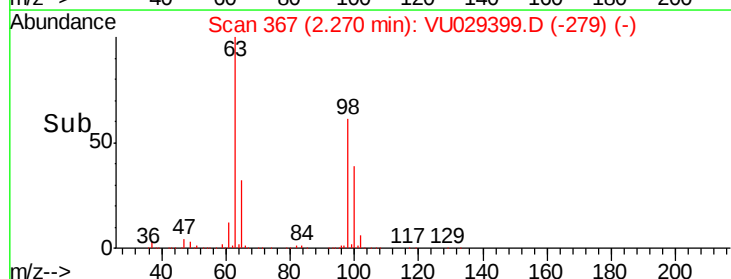
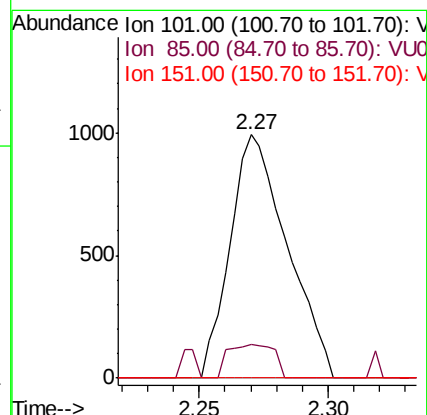
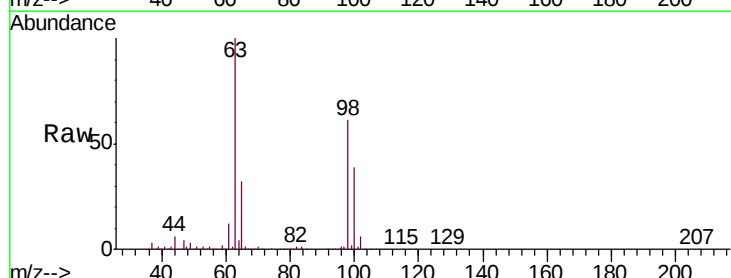
Tgt Ion: 101 Resp: 1527

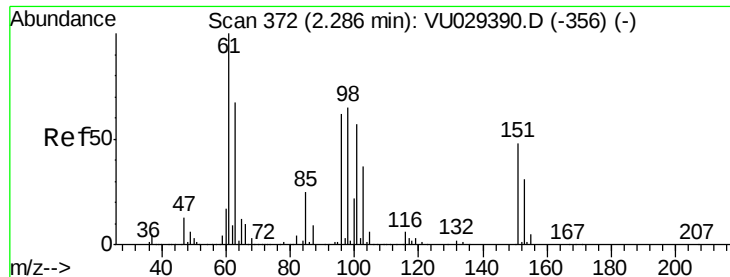
Ion Ratio Lower Upper

101 100

85 11.1 34.9 52.3#

151 0.0 67.0 100.4#





#12

1,1-Dichloroethene

Concen: 0.081 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029399.D

Acq: 11 Feb 2019 15:58

Instrument :

MSVOA_U

ClientSampleId :

ESXB4

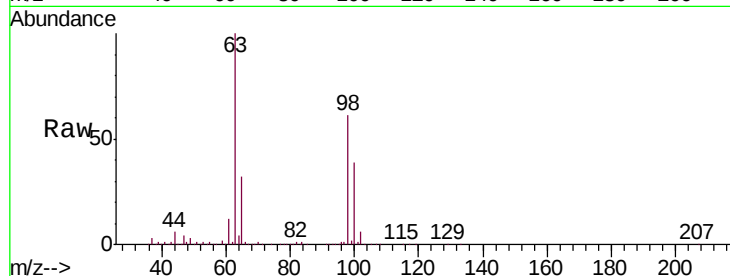
Tgt Ion: 96 Resp: 1292

Ion Ratio Lower Upper

96 100

61 1193.0 112.4 208.8#

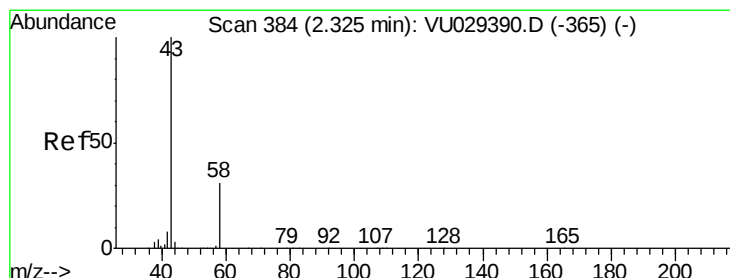
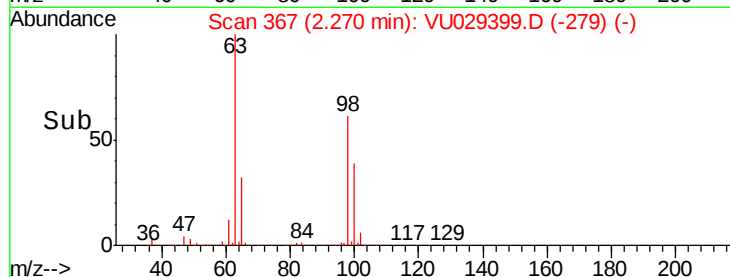
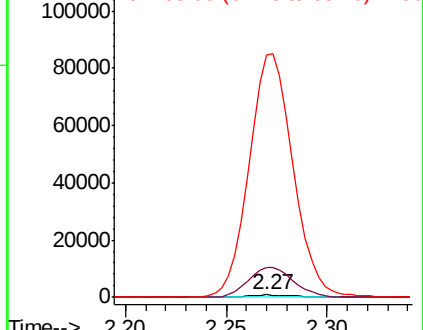
63 9811.6 75.5 140.3#



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: 6.041 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU029399.D

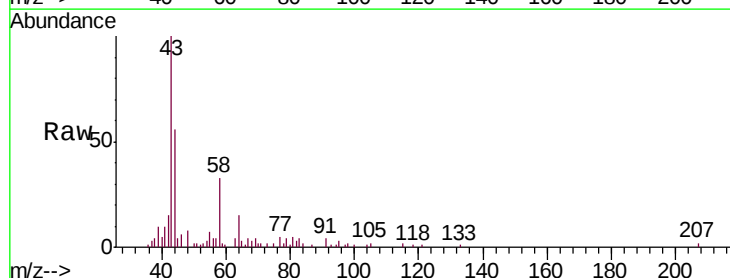
Acq: 11 Feb 2019 15:58

Tgt Ion: 43 Resp: 13987

Ion Ratio Lower Upper

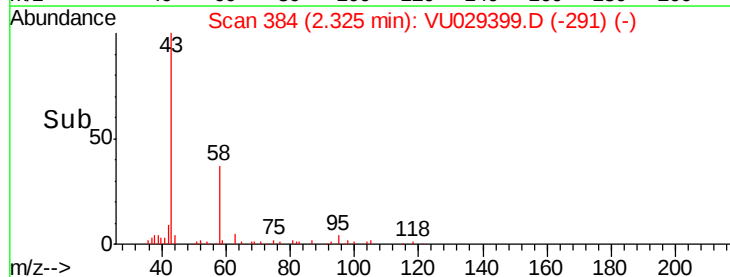
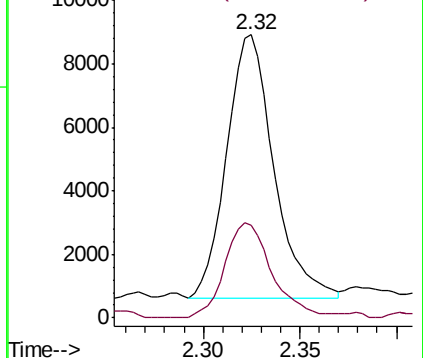
43 100

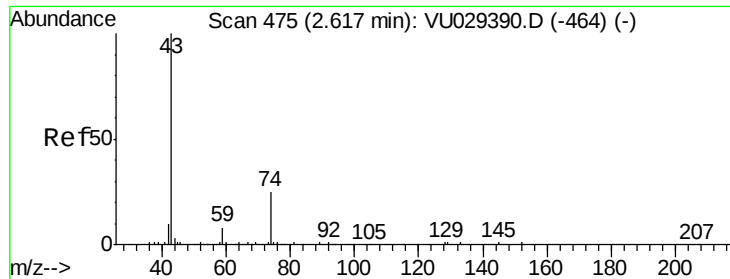
58 36.3 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#15

Methyl Acetate

Concen: 0.260 ug/L

RT: 2.62 min Scan# 477

Delta R.T. 0.01 min

Lab File: VU029399.D

Acq: 11 Feb 2019 15:58

Instrument :

MSVOA_U

ClientSampleId :

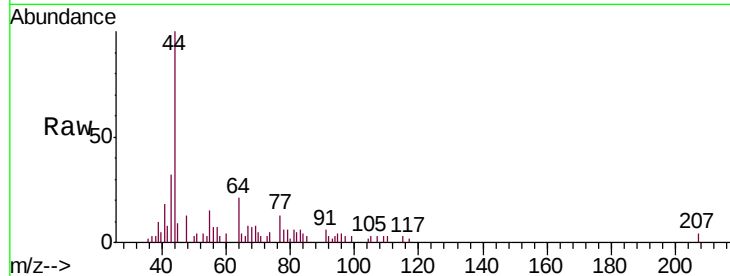
ESXB4

Tgt Ion: 43 Resp: 1683

Ion Ratio Lower Upper

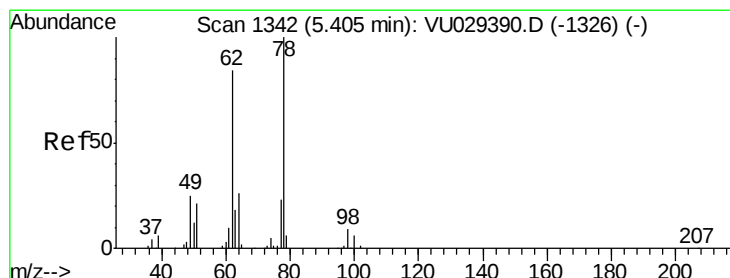
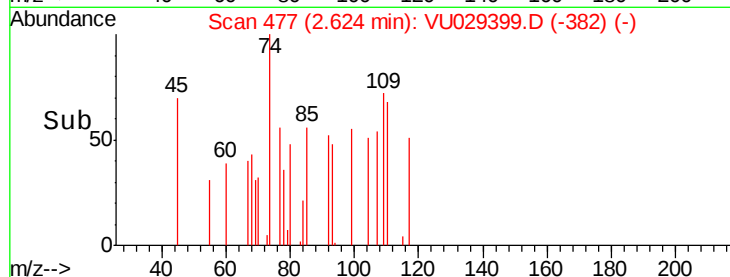
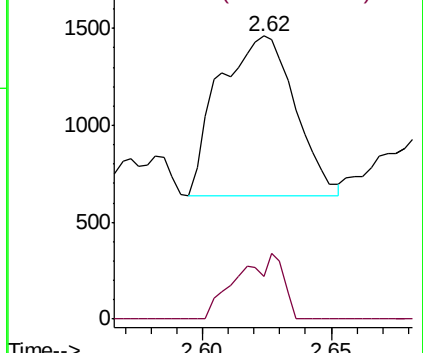
43 100

74 25.0 21.8 32.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#27

1,2-Dichloroethane

Concen: 0.961 ug/L

RT: 5.41 min Scan# 1343

Delta R.T. 0.00 min

Lab File: VU029399.D

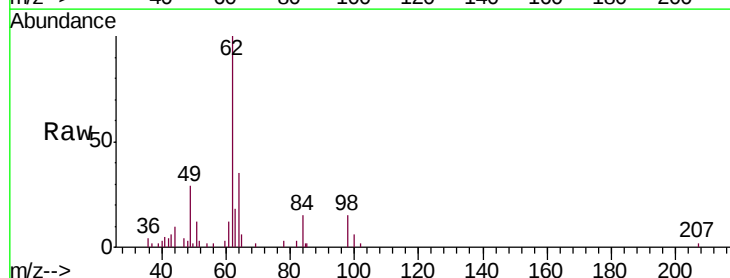
Acq: 11 Feb 2019 15:58

Tgt Ion: 62 Resp: 14229

Ion Ratio Lower Upper

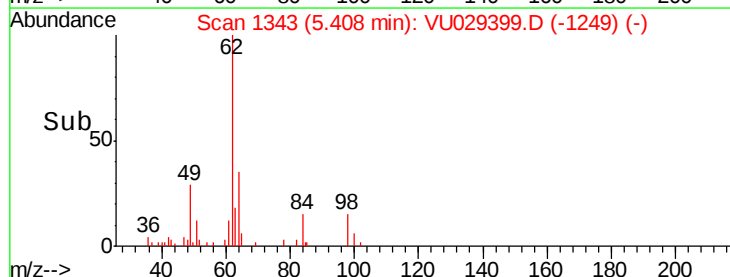
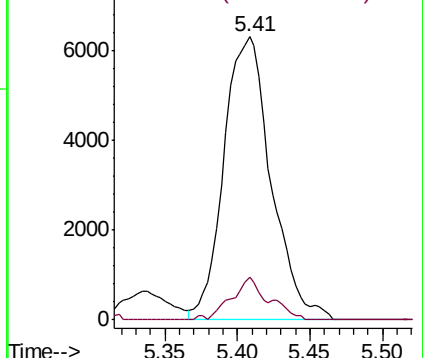
62 100

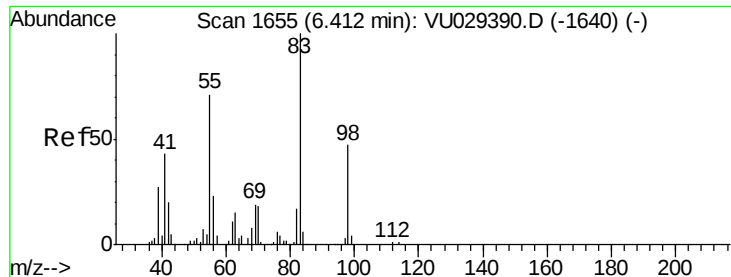
98 15.2 8.7 13.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

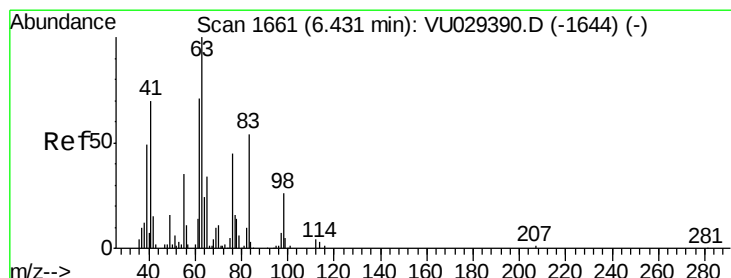
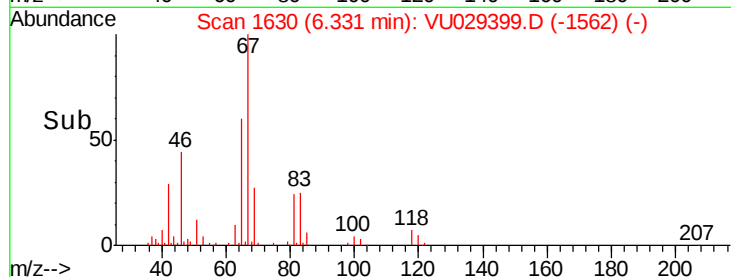
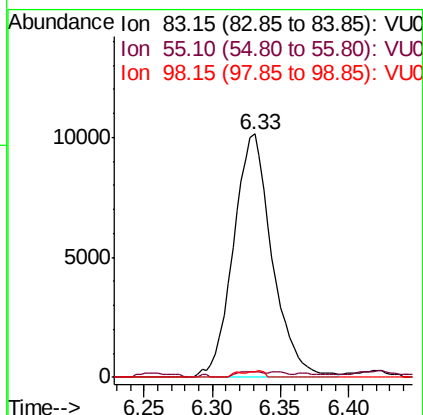
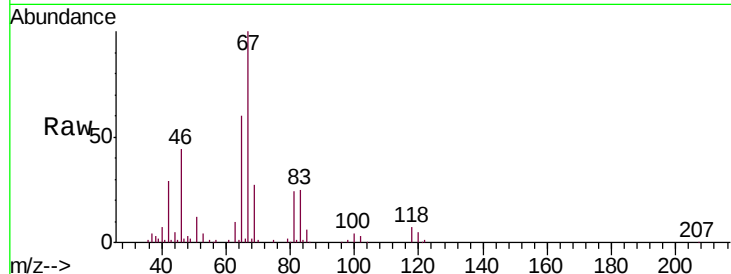




#35
Methylcyclohexane
Concen: 0.775 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.08 min
Lab File: VU029399.D
Acq: 11 Feb 2019 15:58

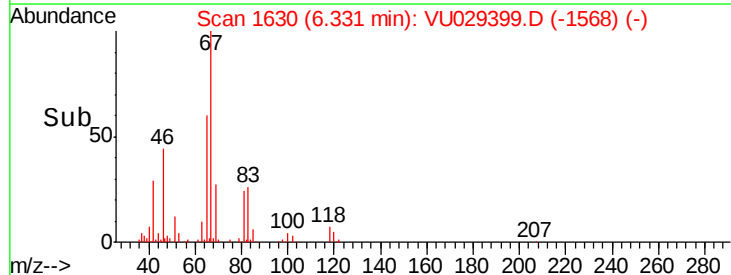
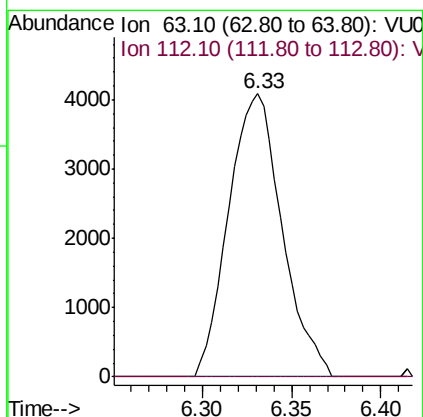
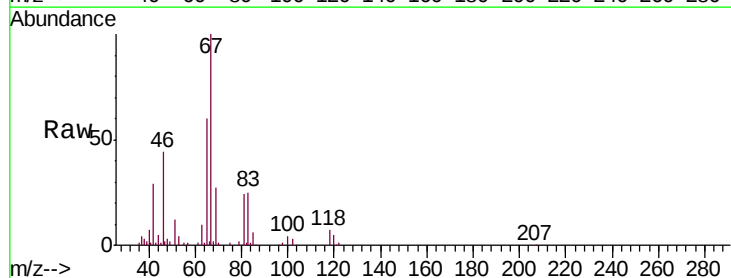
Instrument :
MSVOA_U
ClientSampleId :
ESXB4

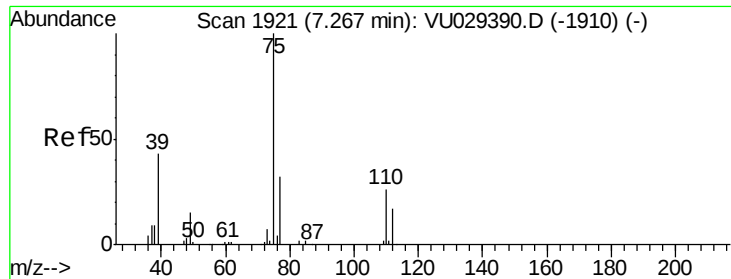
Tgt Ion: 83 Resp: 19976
Ion Ratio Lower Upper
83 100
55 1.5 55.3 82.9#
98 1.7 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.640 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029399.D
Acq: 11 Feb 2019 15:58

Tgt Ion: 63 Resp: 8543
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

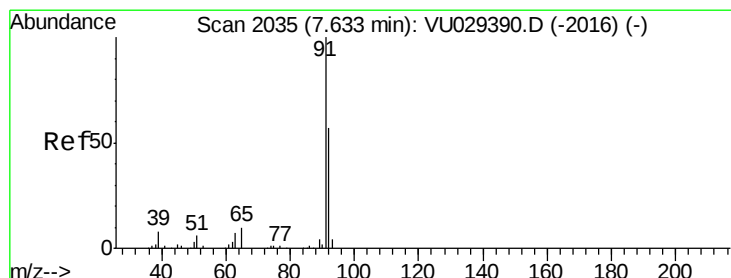
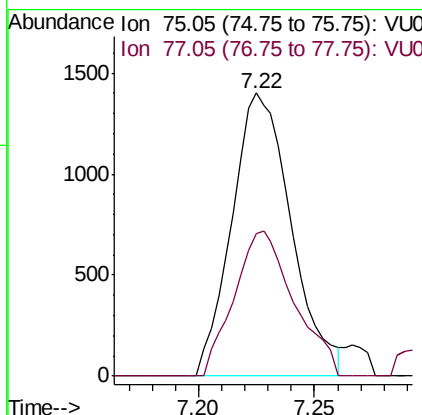
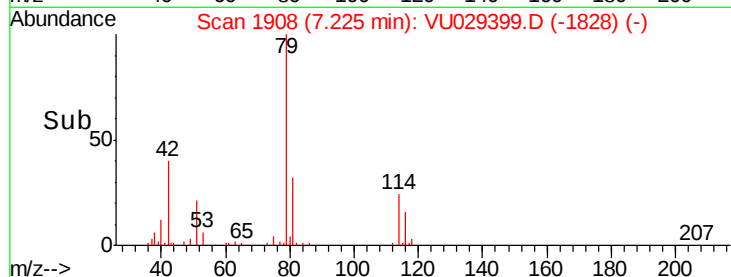
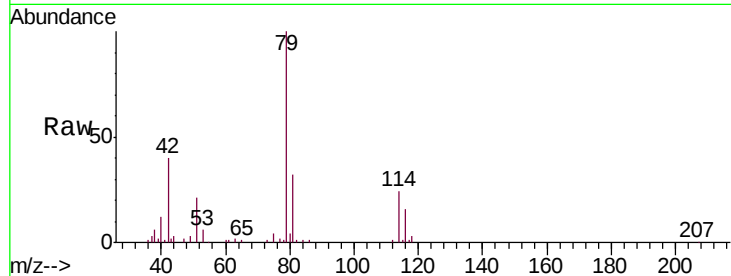




#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029399.D
 Acq: 11 Feb 2019 15:58

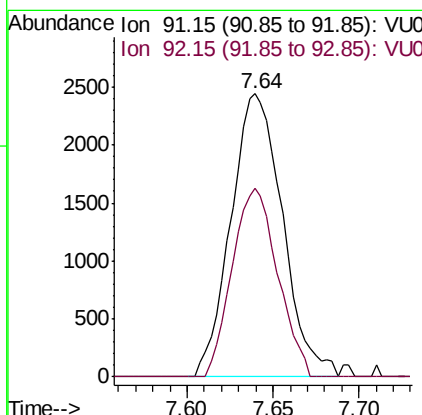
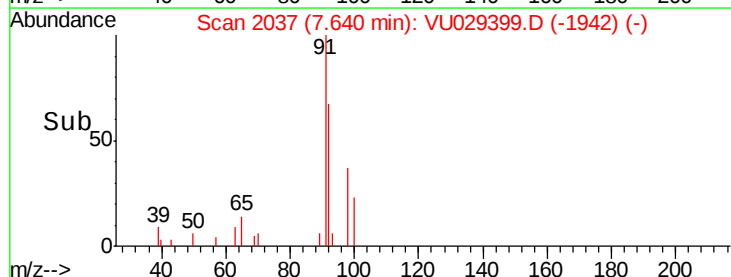
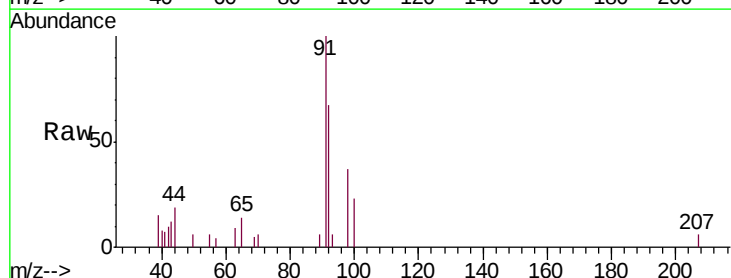
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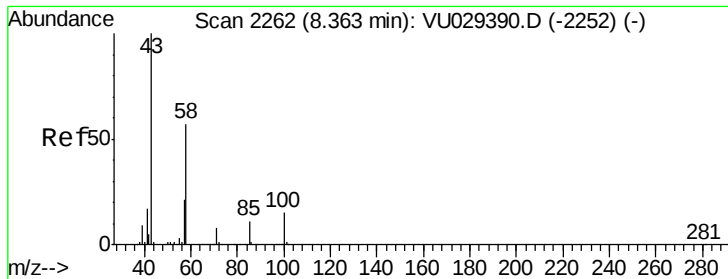
Tgt Ion: 75 Resp: 2491
 Ion Ratio Lower Upper
 75 100
 77 50.2 22.9 42.5#



#42
 Toluene
 Concen: 0.085 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VU029399.D
 Acq: 11 Feb 2019 15:58

Tgt Ion: 91 Resp: 5100
 Ion Ratio Lower Upper
 91 100
 92 66.5 39.7 73.7

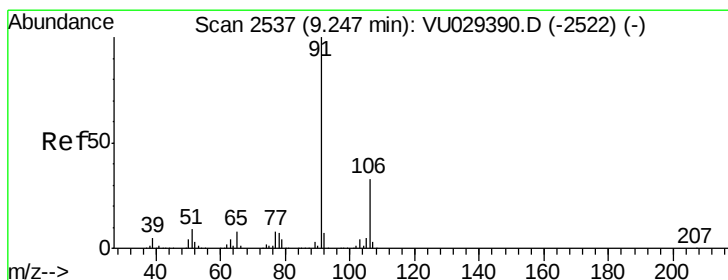
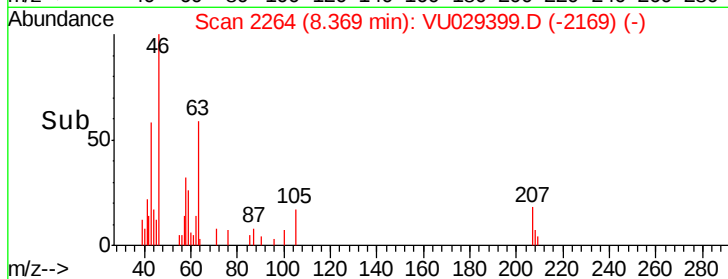
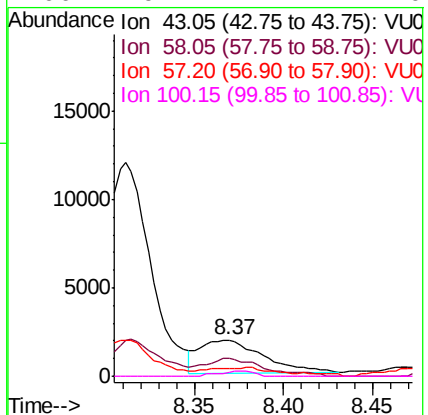
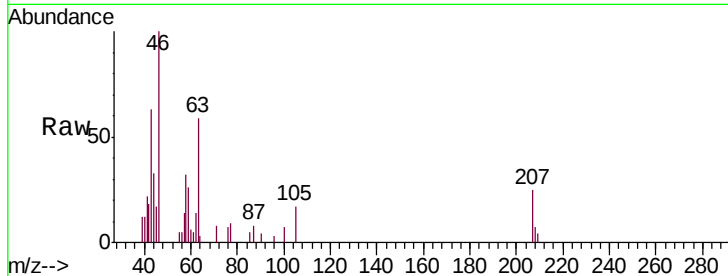




#48
2-Hexanone
Concen: 0.864 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU029399.D
Acq: 11 Feb 2019 15:58

Instrument :
MSVOA_U
ClientSampled :
ESXB4

Tgt Ion: 43 Resp: 4513
Ion Ratio Lower Upper
43 100
58 36.3 45.8 68.6#
57 28.9 16.4 24.6#
100 9.4 11.4 17.0#



#52
Ethylbenzene
Concen: 0.351 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU029399.D
Acq: 11 Feb 2019 15:58

Tgt Ion: 91 Resp: 24067
Ion Ratio Lower Upper
91 100
106 33.1 23.0 42.8

