

Data File : VU029402.D
Acq On : 11 Feb 2019 17:33
Operator : JC/SP
Sample : K1436-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESX96

Quant Time: Feb 12 01:24:15 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	209056	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	195736	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105257	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73795	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.68	69	61936	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.27	63	116229	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.19	46	143239	51.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.08%
24) Chloroform-d	4.65	84	116440	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.31	65	59034	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.34	84	246643	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.33	67	72054	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.56	98	239831	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.85	79	31194	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.31	63	145555	51.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	59507	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	101560	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

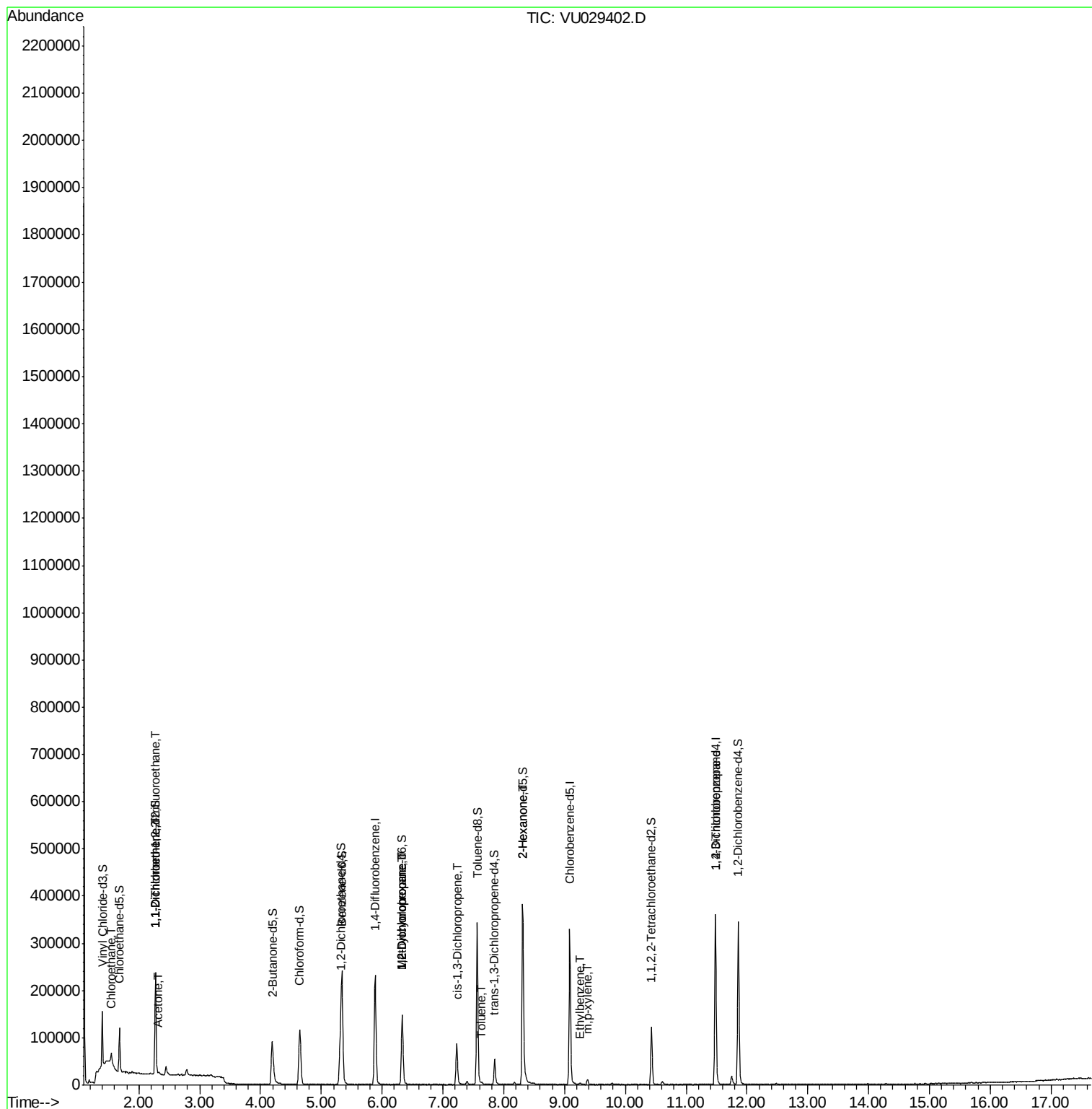
					Qvalue	
8) Chloroethane	1.54	64	58473	5.238	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	1168	0.072	ug/L #	25
12) 1,1-Dichloroethene	2.28	96	1499	0.098	ug/L #	1
13) Acetone	2.32	43	4065	1.828	ug/L	98
35) Methylcyclohexane	6.33	83	17428	0.711	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7594	0.598	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	2205	0.108	ug/L #	67
42) Toluene	7.64	91	1731	0.030	ug/L	87
48) 2-Hexanone	8.31	43	15618	3.141	ug/L #	65
52) Ethylbenzene	9.25	91	2249	0.034	ug/L	95
53) m,p-xylene	9.38	106	3408	0.131	ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	10547	1.308	ug/L	89

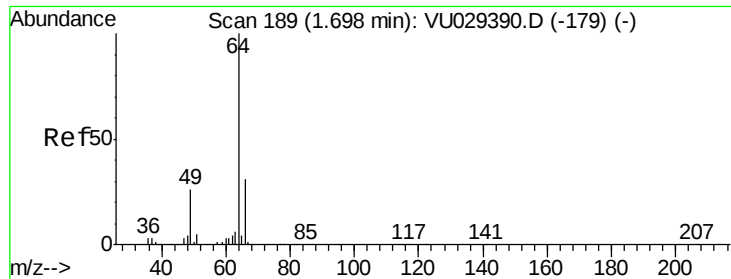
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029402.D
Acq On : 11 Feb 2019 17:33
Operator : JC/SP
Sample : K1436-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESX96

Quant Time: Feb 12 01:24:15 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





#8

Chloroethane

Concen: 5.238 ug/L

RT: 1.54 min Scan# 141

Delta R.T. -0.15 min

Lab File: VU029402.D

Acq: 11 Feb 2019 17:33

Instrument :

MSVOA_U

ClientSampleId :

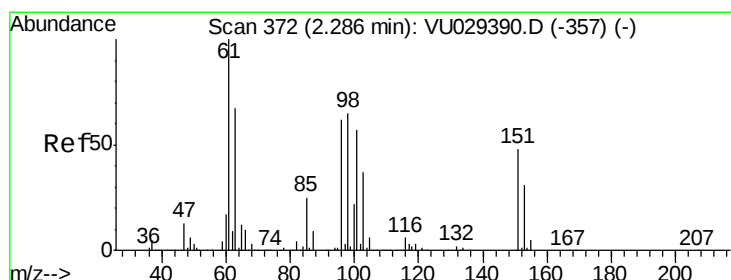
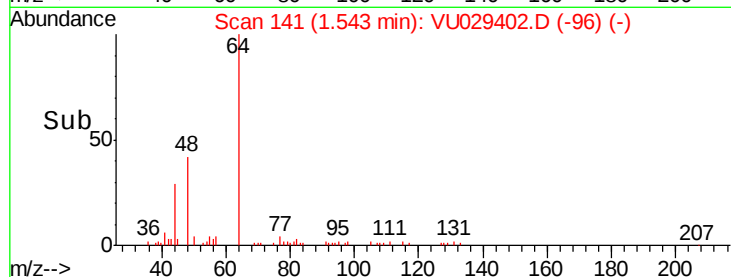
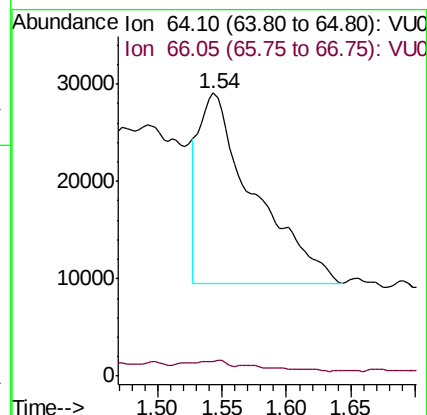
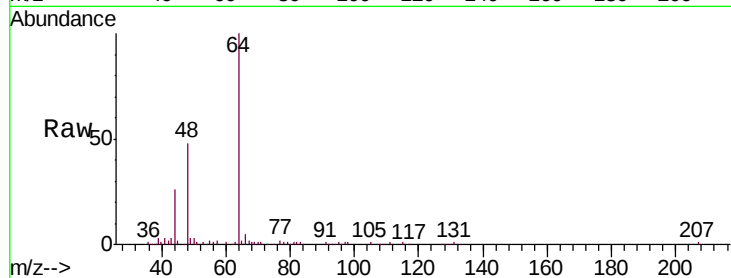
ESX96

Tgt Ion: 64 Resp: 58473

Ion Ratio Lower Upper

64 100

66 5.2 21.8 40.4#



#10

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

Concen: 0.072 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029402.D

Acq: 11 Feb 2019 17:33

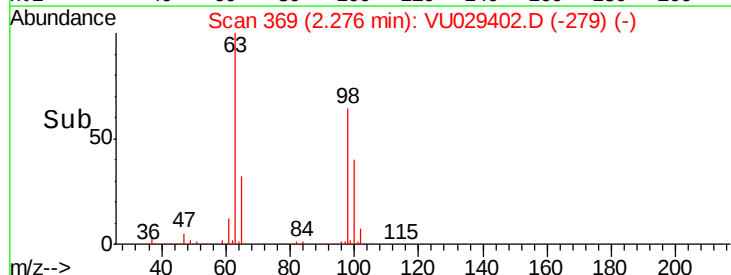
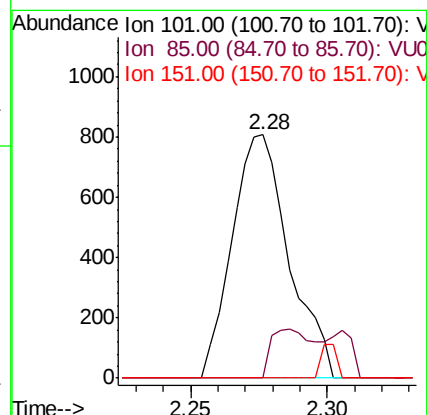
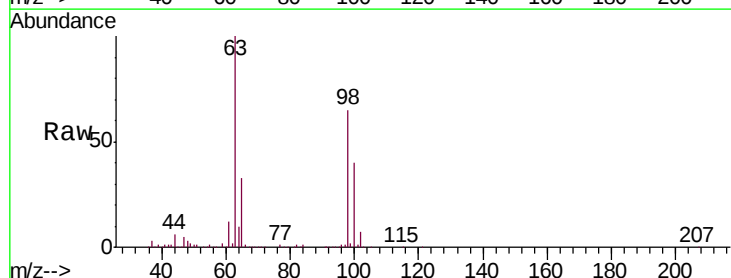
Tgt Ion: 101 Resp: 1168

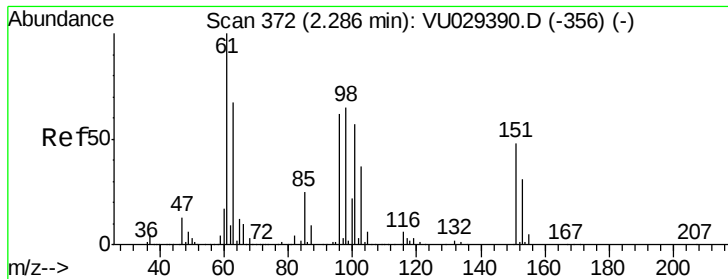
Ion Ratio Lower Upper

101 100

85 16.2 34.9 52.3#

151 0.0 67.0 100.4#

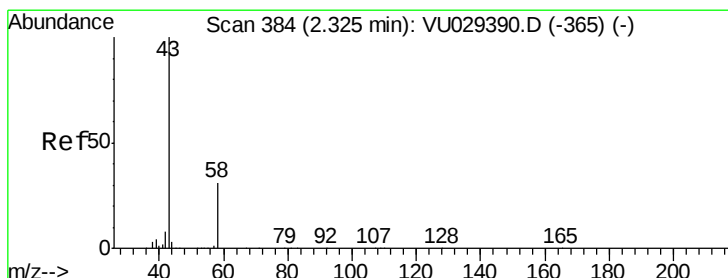
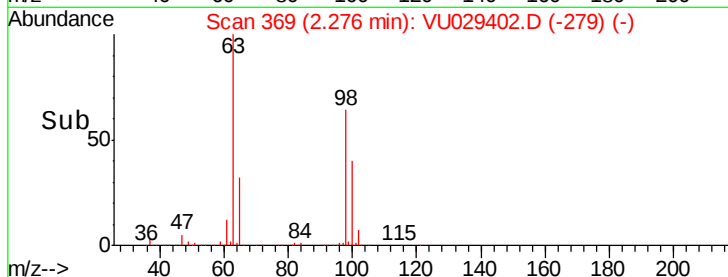
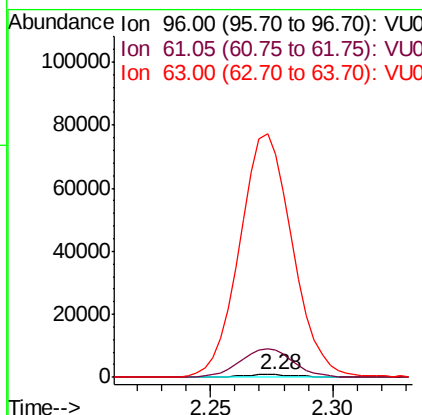
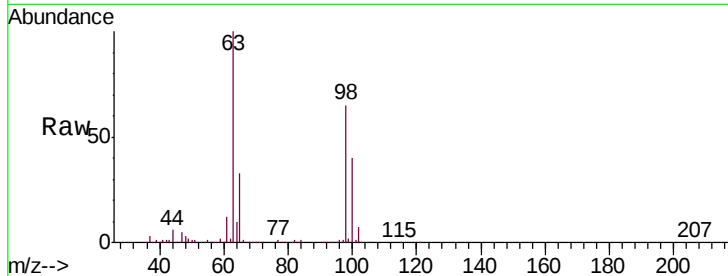




#12
 1,1-Dichloroethene
 Concen: 0.098 ug/L
 RT: 2.28 min Scan# 369
 Delta R.T. -0.01 min
 Lab File: VU029402.D
 Acq: 11 Feb 2019 17:33

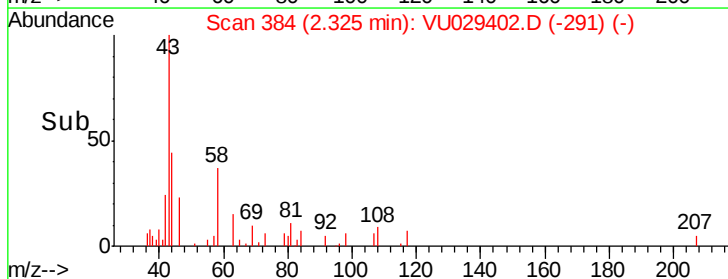
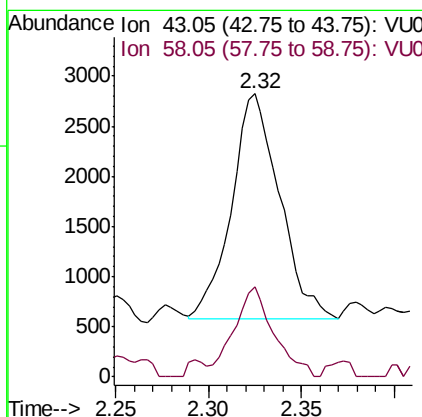
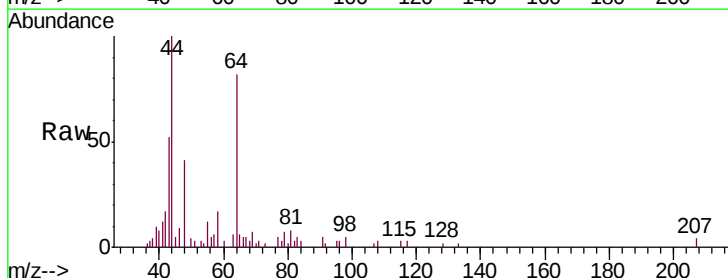
Instrument :
 MSVOA_U
 ClientSampled :
 ESX96

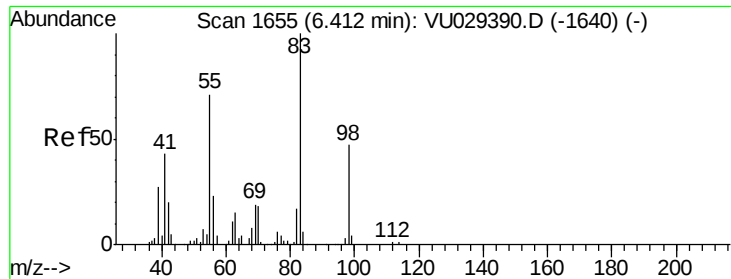
Tgt Ion: 96 Resp: 1499
 Ion Ratio Lower Upper
 96 100
 61 1078.0 112.4 208.8#
 63 8734.8 75.5 140.3#



#13
 Acetone
 Concen: 1.828 ug/L
 RT: 2.32 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: VU029402.D
 Acq: 11 Feb 2019 17:33

Tgt Ion: 43 Resp: 4065
 Ion Ratio Lower Upper
 43 100
 58 33.1 0.0 64.2

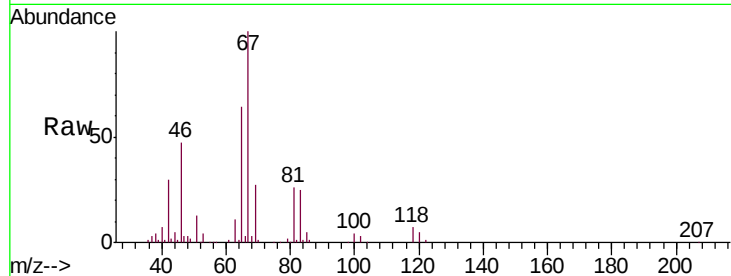




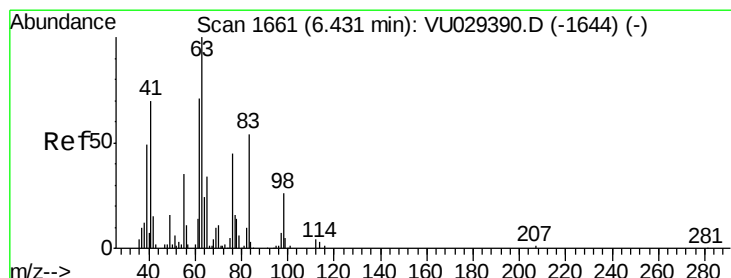
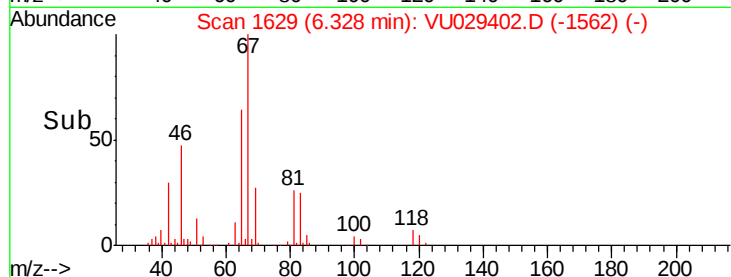
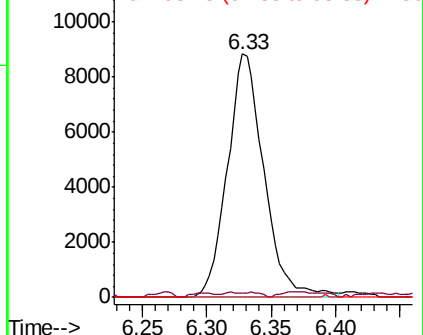
#35
Methylcyclohexane
Concen: 0.711 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029402.D
Acq: 11 Feb 2019 17:33

Instrument :
MSVOA_U
ClientSampleId :
ESX96

Tgt Ion: 83 Resp: 17428
Ion Ratio Lower Upper
83 100
55 0.3 55.3 82.9#
98 0.0 37.9 56.9#

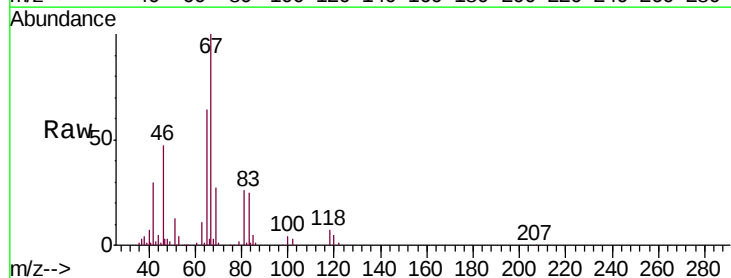


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

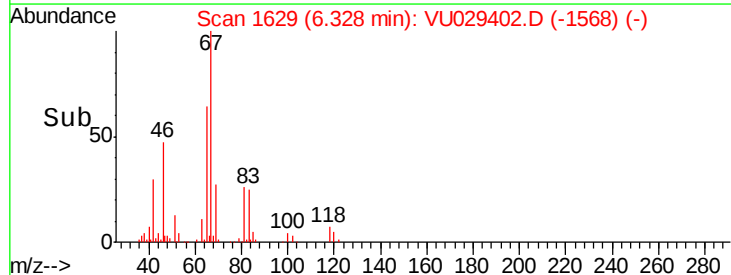
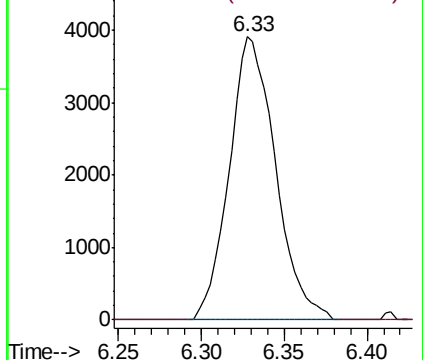


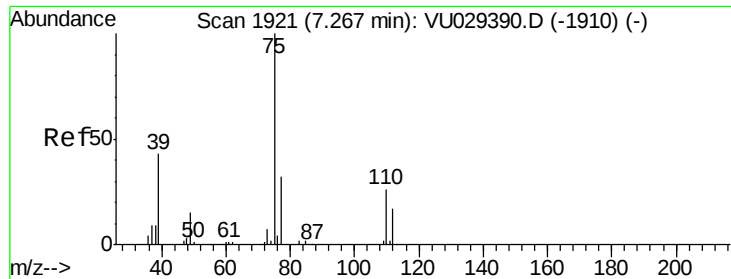
#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029402.D
Acq: 11 Feb 2019 17:33

Tgt Ion: 63 Resp: 7594
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

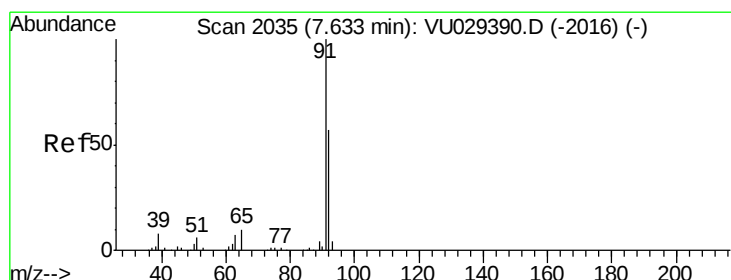
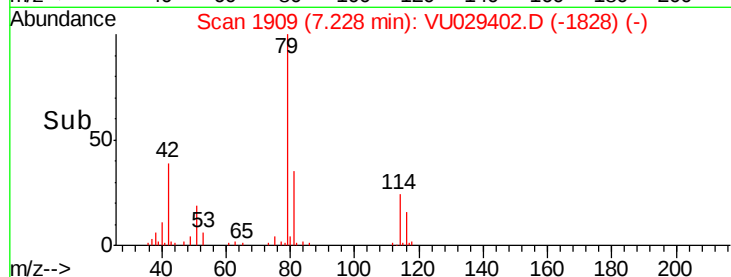
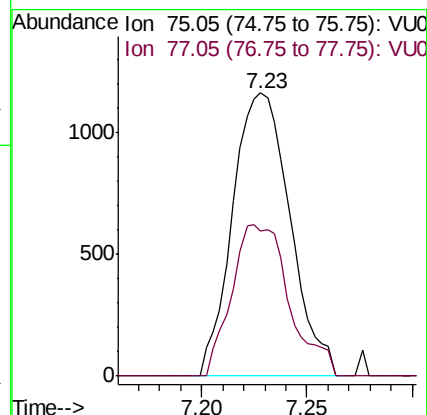
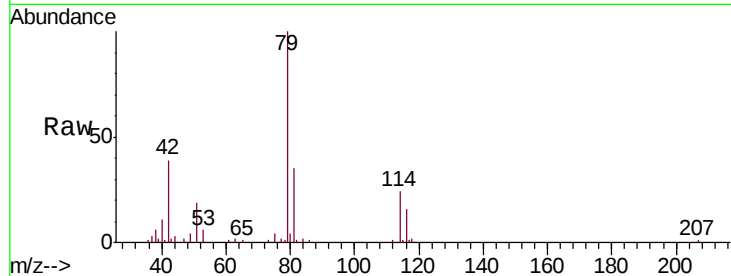




#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU029402.D
 Acq: 11 Feb 2019 17:33

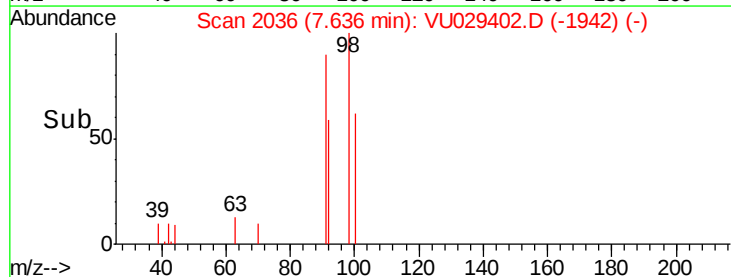
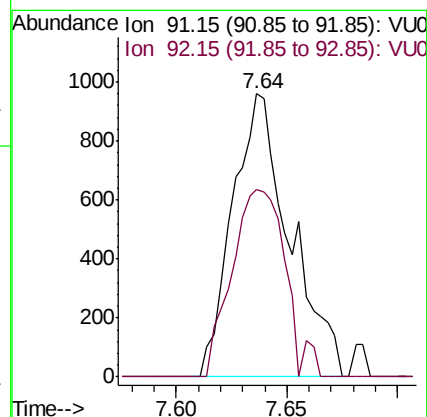
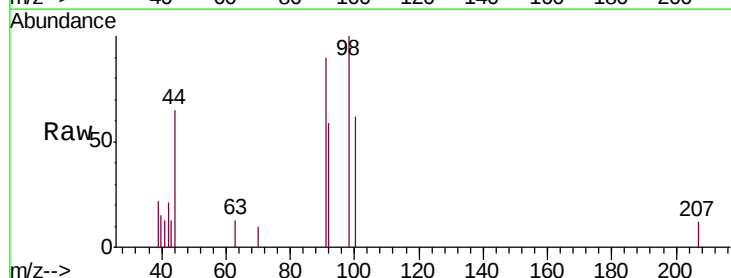
Instrument :
 MSVOA_U
 ClientSampleId :
 ESX96

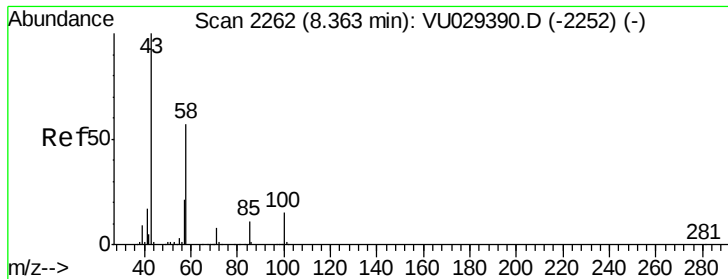
Tgt Ion: 75 Resp: 2205
 Ion Ratio Lower Upper
 75 100
 77 51.2 22.9 42.5#



#42
 Toluene
 Concen: 0.030 ug/L
 RT: 7.64 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VU029402.D
 Acq: 11 Feb 2019 17:33

Tgt Ion: 91 Resp: 1731
 Ion Ratio Lower Upper
 91 100
 92 66.0 39.7 73.7

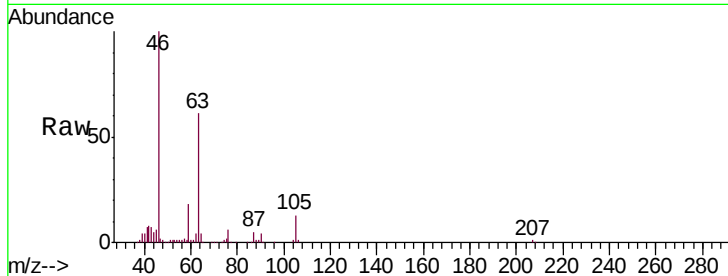




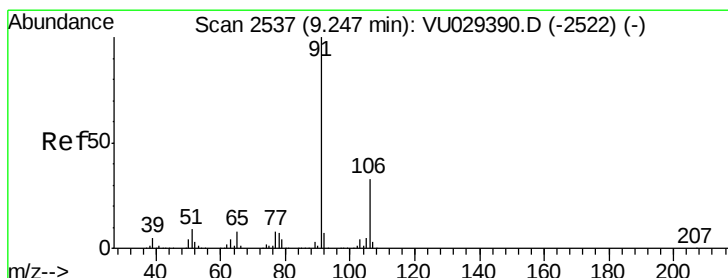
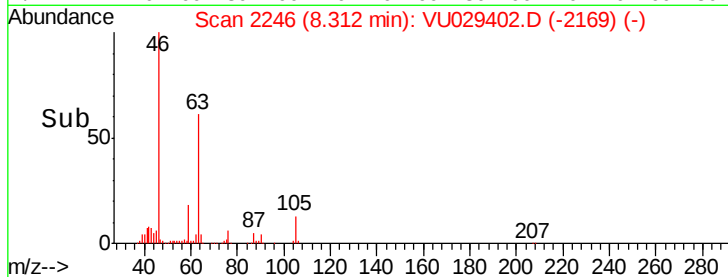
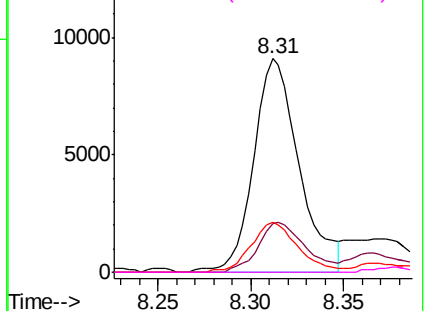
#48
2-Hexanone
Concen: 3.141 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU029402.D
Acq: 11 Feb 2019 17:33

Instrument :
MSVOA_U
ClientSampleId :
ESX96

Tgt Ion: 43 Resp: 15618
Ion Ratio Lower Upper
43 100
58 24.1 45.8 68.6#
57 24.2 16.4 24.6
100 0.0 11.4 17.0#

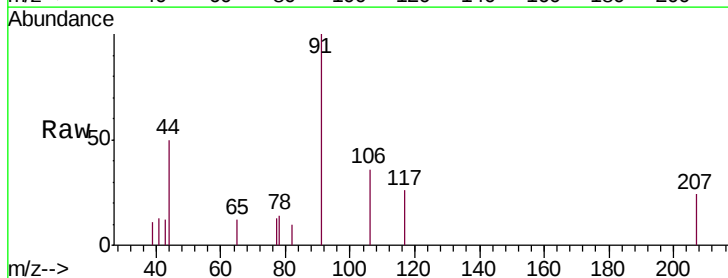


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

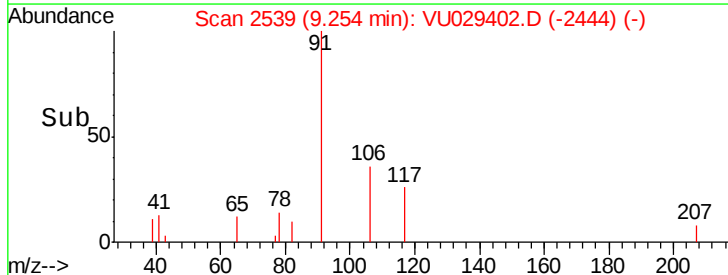
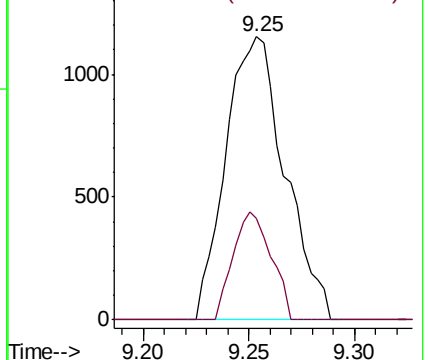


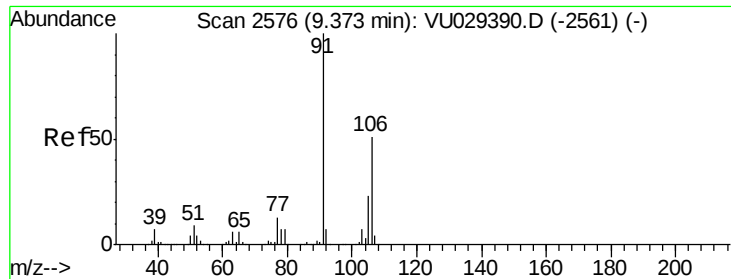
#52
Ethylbenzene
Concen: 0.034 ug/L
RT: 9.25 min Scan# 2539
Delta R.T. 0.01 min
Lab File: VU029402.D
Acq: 11 Feb 2019 17:33

Tgt Ion: 91 Resp: 2249
Ion Ratio Lower Upper
91 100
106 35.9 23.0 42.8



Abundance Ion 91.15 (90.85 to 91.85): VU0
Ion 106.15 (105.85 to 106.85): VU0





#53

m,p-xylene

Concen: 0.131 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU029402.D

Acq: 11 Feb 2019 17:33

Instrument :

MSVOA_U

ClientSampleId :

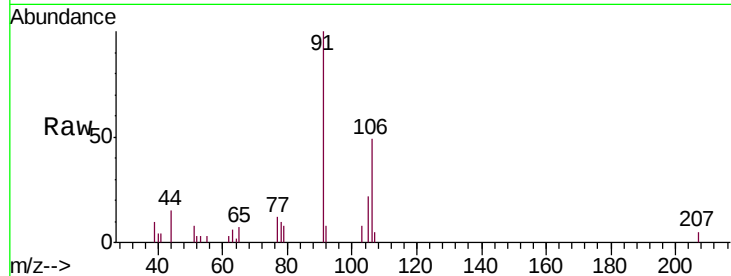
ESX96

Tgt Ion:106 Resp: 3408

Ion Ratio Lower Upper

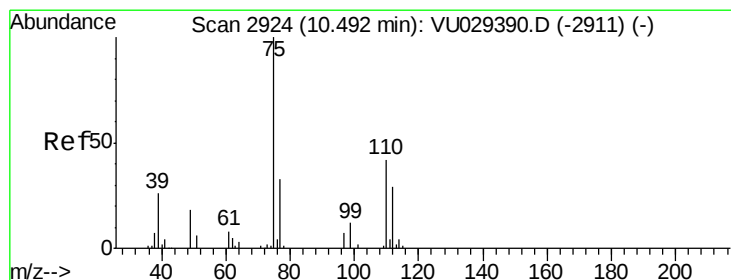
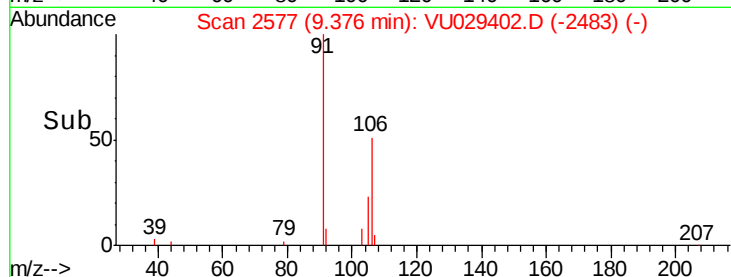
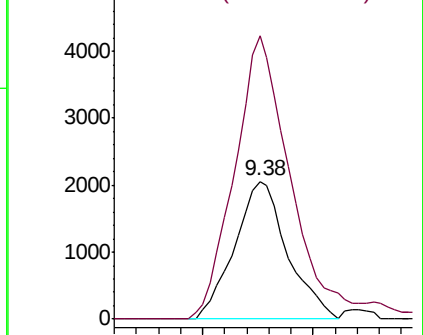
106 100

91 205.0 138.4 257.0



Abundance Ion 106.15 (105.85 to 106.85): VU029390.D (-2561) (-)

Ion 91.15 (90.85 to 91.85): VU029390.D (-2561) (-)



#59

1,2,3-Trichloropropane

Concen: 1.308 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029402.D

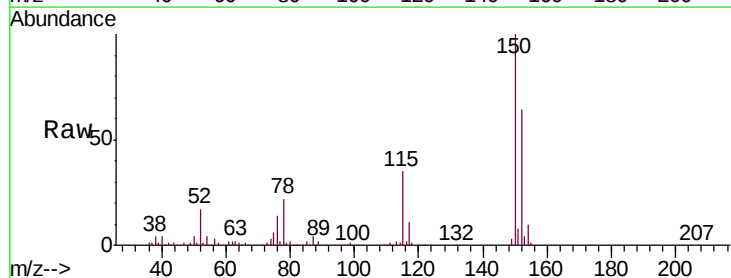
Acq: 11 Feb 2019 17:33

Tgt Ion: 75 Resp: 10547

Ion Ratio Lower Upper

75 100

77 38.4 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) (-)

