

Data File : VU029432.D
Acq On : 12 Feb 2019 20:06
Operator : JC/SP
Sample : K1436-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXB3

Quant Time: Feb 13 03:31:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 13 03:26:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	189981	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	182380	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	98037	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63279	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.68	69	57366	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.27	63	102504	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.20	46	155623	58.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.28%
24) Chloroform-d	4.65	84	95501	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.31	65	55011	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.34	84	223131	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.33	67	65888	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.56	98	217073	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.85	79	25787	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.31	63	151956	57.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	59784	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	94488	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

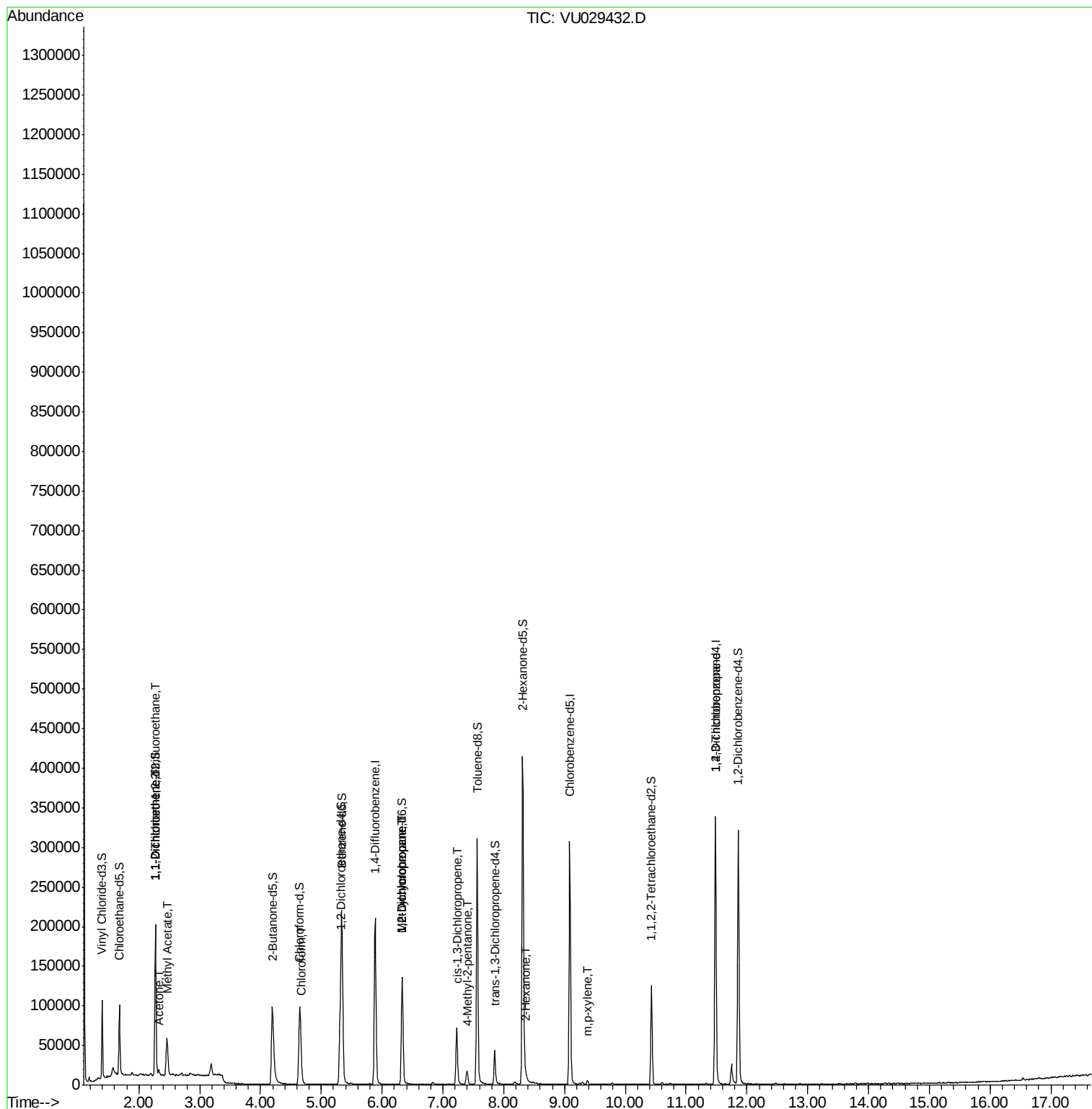
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	1077	0.065	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1288	0.082	ug/L #	1
13) Acetone	2.32	43	5079	2.107	ug/L	92
15) Methyl Acetate	2.46	43	13694	2.217	ug/L #	47
25) Chloroform	4.68	83	12131	0.483	ug/L	88
35) Methylcyclohexane	6.33	83	16387	0.645	ug/L #	22
37) 1,2-Dichloropropane	6.33	63	6742	0.501	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1923	0.091	ug/L #	55
40) 4-Methyl-2-pentanone	7.39	43	8400	1.084	ug/L #	41
48) 2-Hexanone	8.36	43	3040	0.538	ug/L #	81
53) m,p-xylene	9.38	106	1502	0.055	ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	10172	1.179	ug/L	99

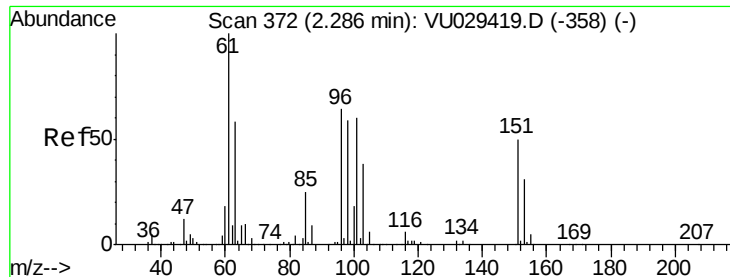
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.065 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029432.D

Acq: 12 Feb 2019 20:06

Instrument :

MSVOA_U

ClientSampled :

ESXB3

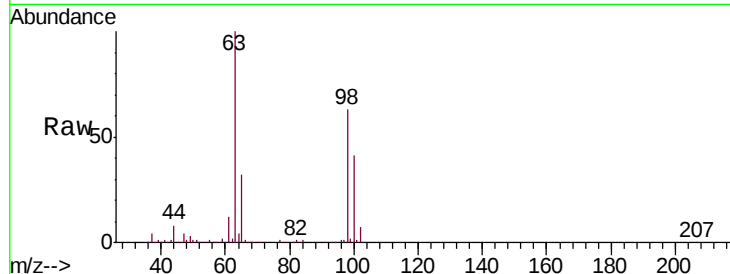
Tgt Ion: 101 Resp: 1077

Ion Ratio Lower Upper

101 100

85 1.9 35.1 52.7#

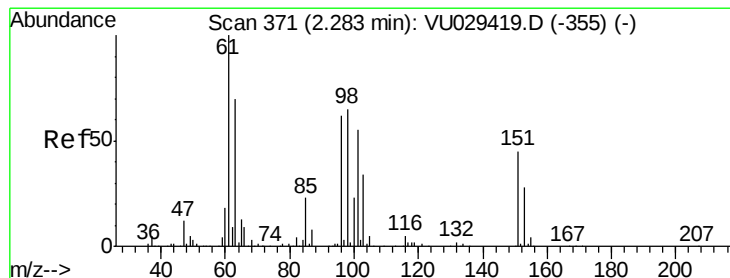
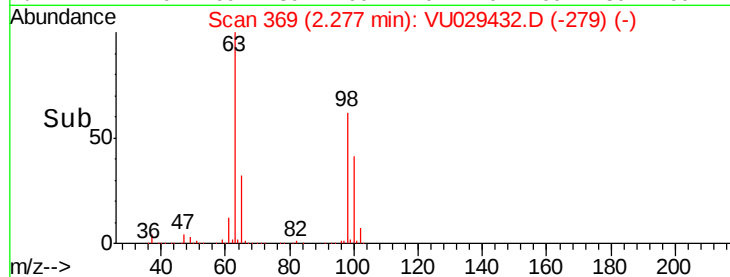
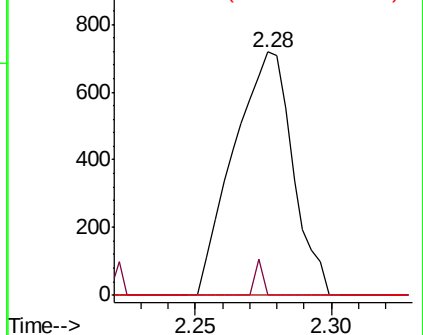
151 0.0 67.0 100.6#



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: 0.082 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029432.D

Acq: 12 Feb 2019 20:06

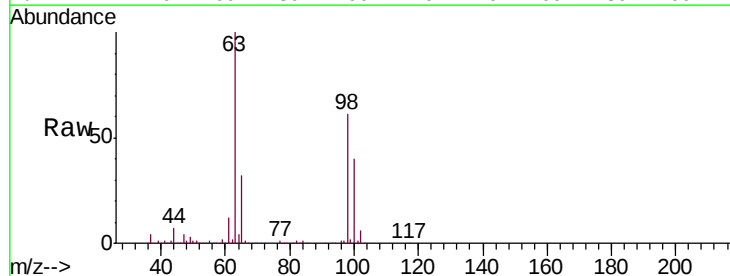
Tgt Ion: 96 Resp: 1288

Ion Ratio Lower Upper

96 100

61 1317.5 115.1 213.7#

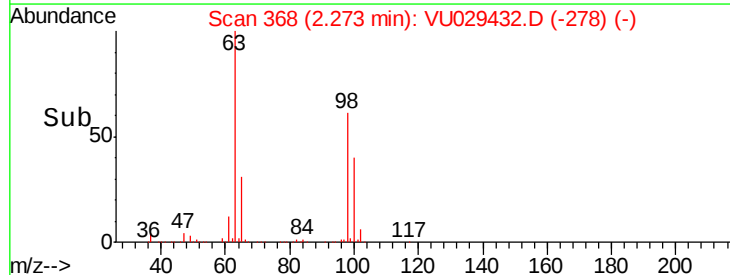
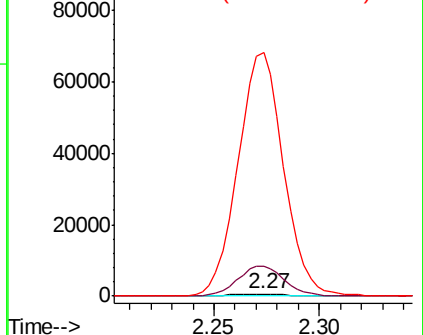
63 10591.3 83.5 155.1#

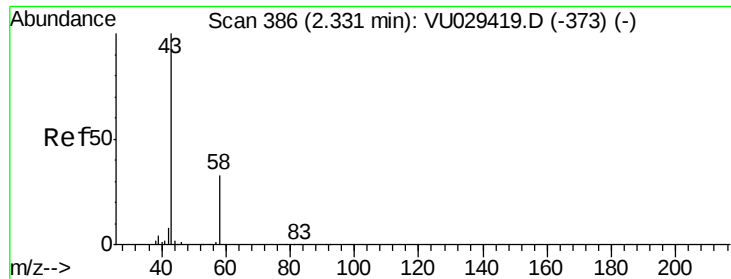


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.107 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.01 min

Lab File: VU029432.D

Acq: 12 Feb 2019 20:06

Instrument :

MSVOA_U

ClientSampleId :

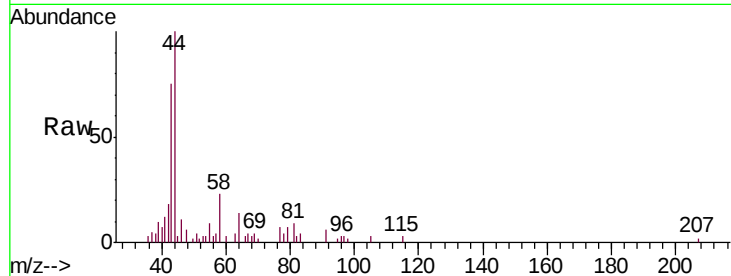
ESXB3

Tgt Ion: 43 Resp: 5079

Ion Ratio Lower Upper

43 100

58 37.1 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

4000

3000

2000

1000

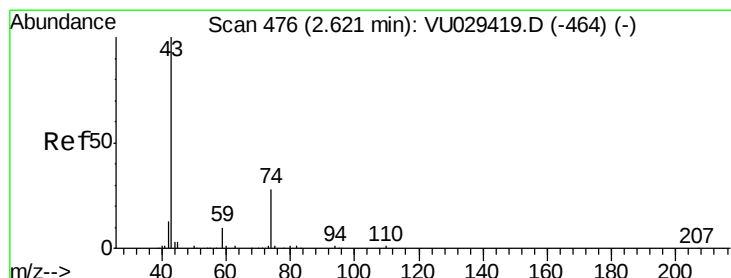
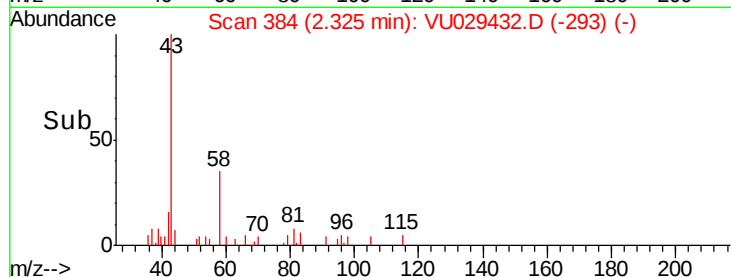
0

Time-->

2.30

2.35

2.40



#15

Methyl Acetate

Concen: 2.217 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.16 min

Lab File: VU029432.D

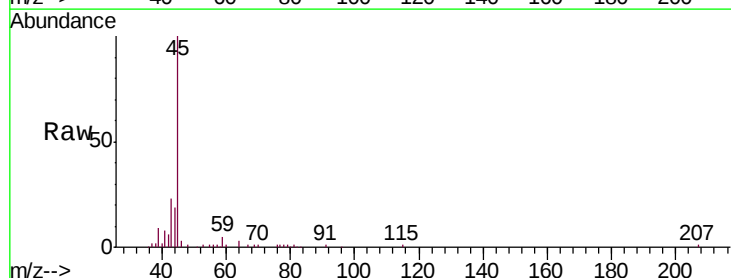
Acq: 12 Feb 2019 20:06

Tgt Ion: 43 Resp: 13694

Ion Ratio Lower Upper

43 100

74 0.0 22.3 33.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

2.46

8000

6000

4000

2000

0

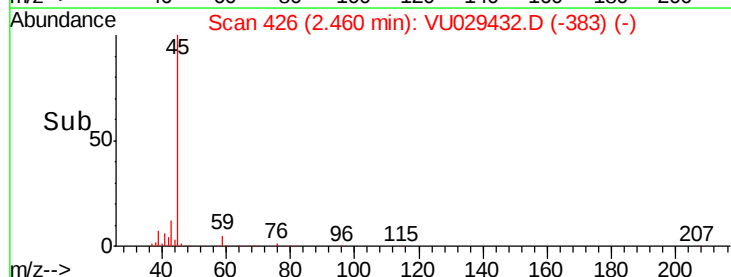
Time-->

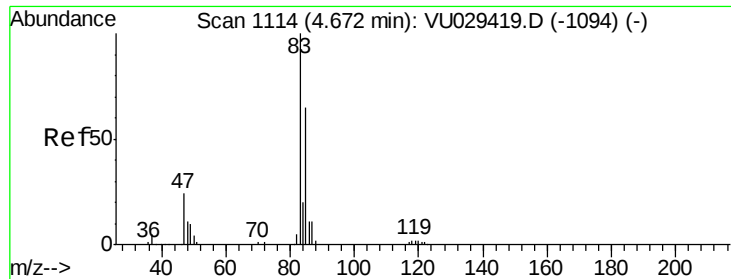
2.40

2.45

2.50

2.55

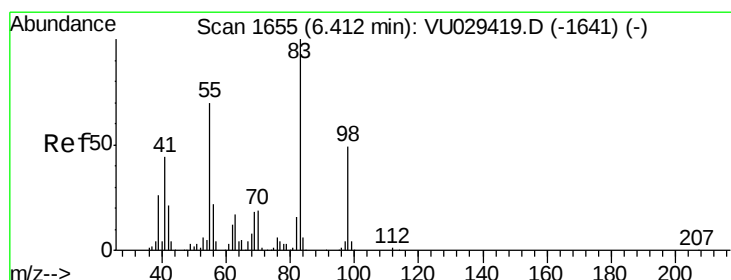
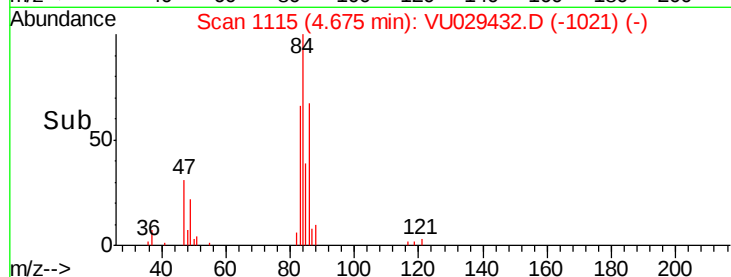
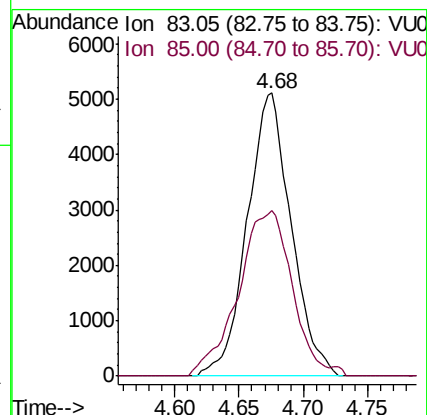
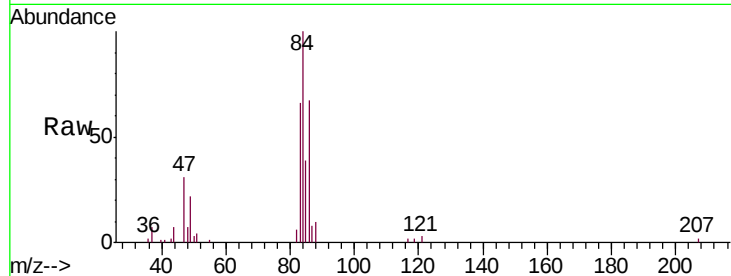




#25
Chloroform
Concen: 0.483 ug/L
RT: 4.68 min Scan# 1115
Delta R.T. 0.00 min
Lab File: VU029432.D
Acq: 12 Feb 2019 20:06

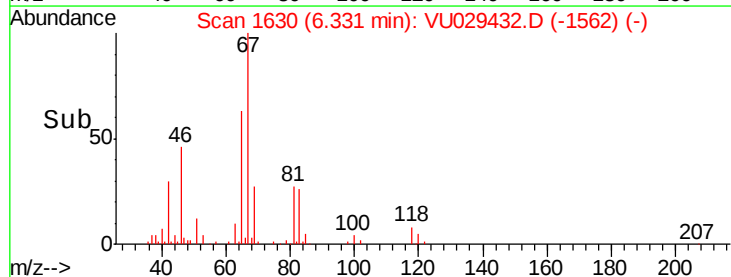
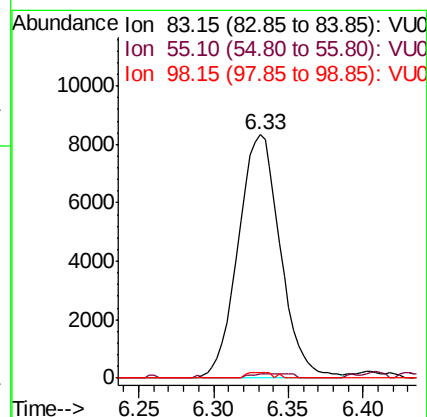
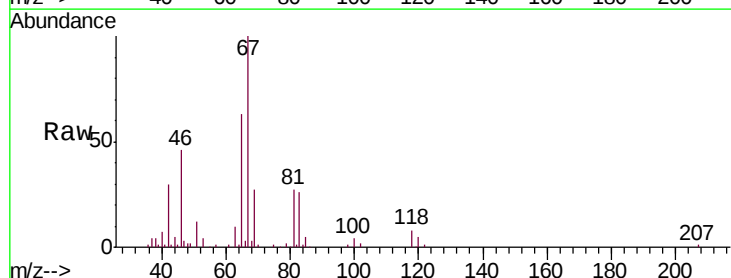
Instrument :
MSVOA_U
ClientSampleId :
ESXB3

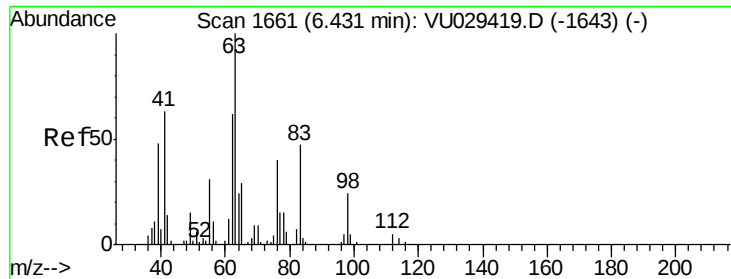
Tgt Ion: 83 Resp: 12131
Ion Ratio Lower Upper
83 100
85 58.3 47.8 88.8



#35
Methylcyclohexane
Concen: 0.645 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.08 min
Lab File: VU029432.D
Acq: 12 Feb 2019 20:06

Tgt Ion: 83 Resp: 16387
Ion Ratio Lower Upper
83 100
55 1.0 55.9 83.9#
98 1.4 38.6 57.8#





#37

1,2-Dichloropropane

Concen: 0.501 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU029432.D

Acq: 12 Feb 2019 20:06

Instrument :

MSVOA_U

ClientSampleId :

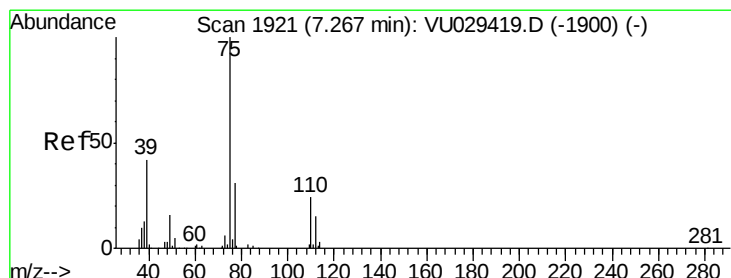
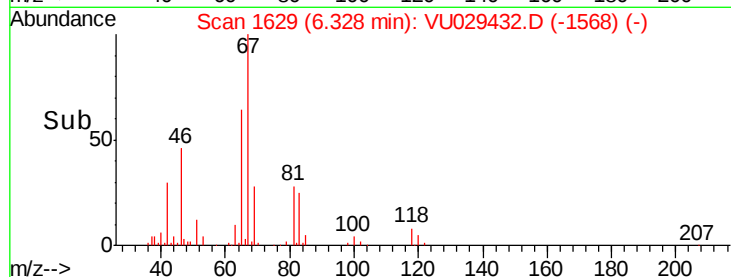
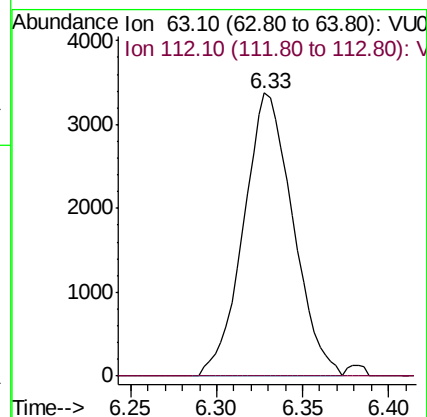
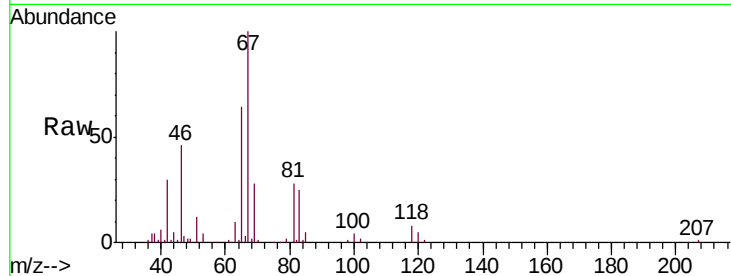
ESXB3

Tgt Ion: 63 Resp: 6742

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.23 min Scan# 1910

Delta R.T. -0.04 min

Lab File: VU029432.D

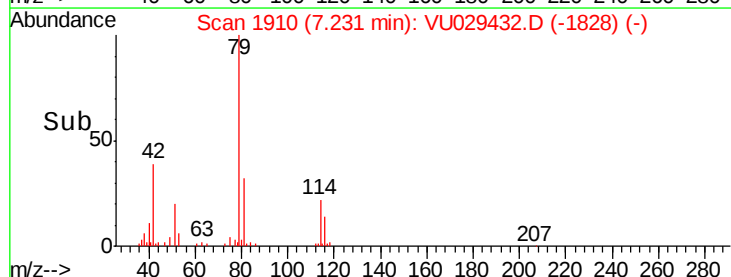
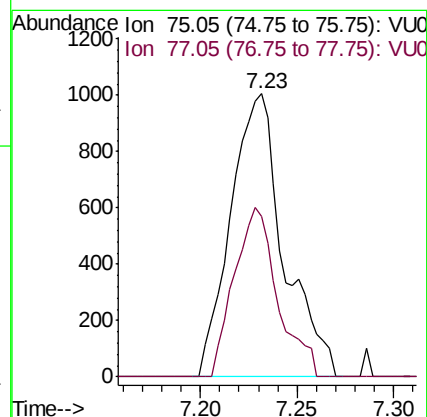
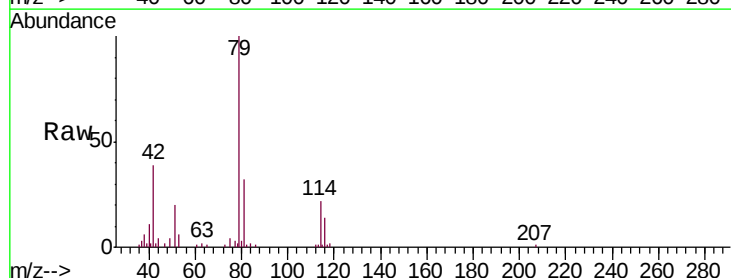
Acq: 12 Feb 2019 20:06

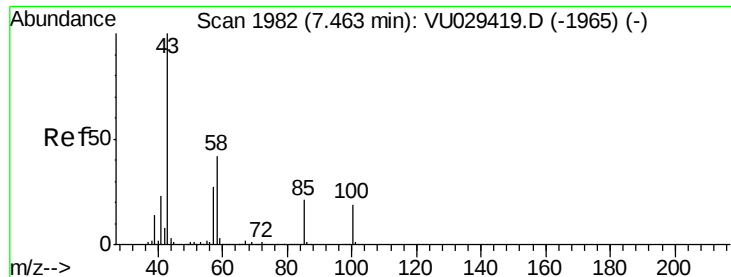
Tgt Ion: 75 Resp: 1923

Ion Ratio Lower Upper

75 100

77 56.9 22.3 41.3#

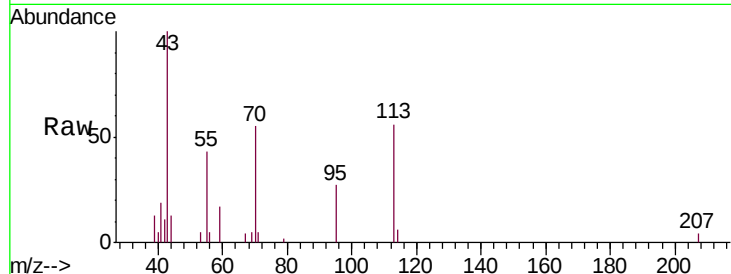




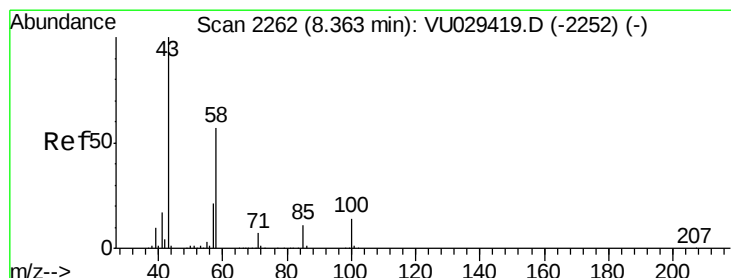
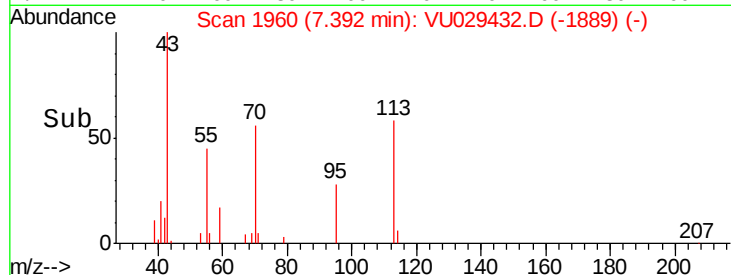
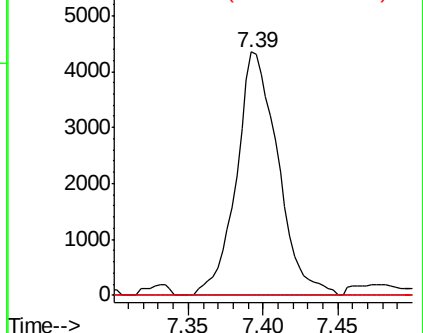
#40
 4-Methyl-2-pentanone
 Concen: 1.084 ug/L
 RT: 7.39 min Scan# 1960
 Delta R.T. -0.07 min
 Lab File: VU029432.D
 Acq: 12 Feb 2019 20:06

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXB3

Tgt Ion: 43 Resp: 8400
 Ion Ratio Lower Upper
 43 100
 58 0.0 33.4 50.2#
 100 0.0 14.4 21.6#

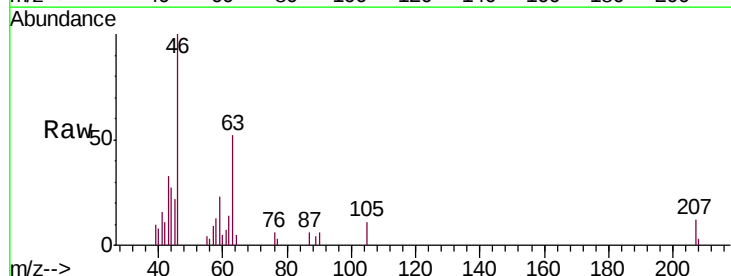


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 100.15 (99.85 to 100.85): VU0

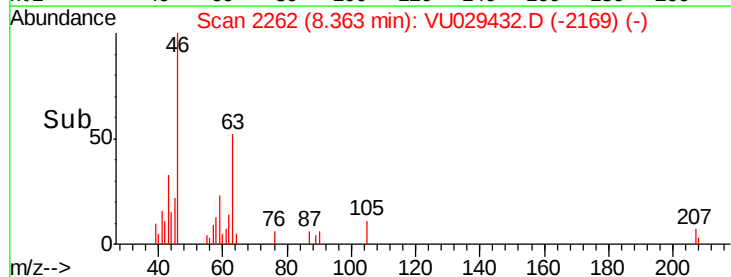
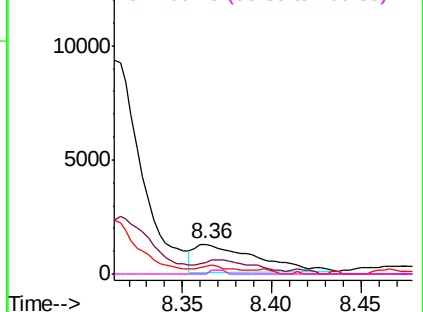


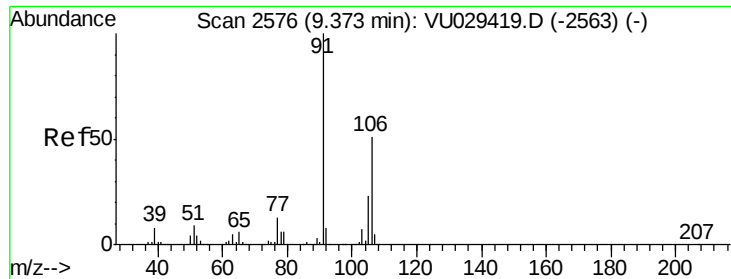
#48
 2-Hexanone
 Concen: 0.538 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU029432.D
 Acq: 12 Feb 2019 20:06

Tgt Ion: 43 Resp: 3040
 Ion Ratio Lower Upper
 43 100
 58 41.3 45.7 68.5#
 57 17.8 16.4 24.6
 100 3.2 11.1 16.7#



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





#53

m,p-xylene

Concen: 0.055 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU029432.D

Acq: 12 Feb 2019 20:06

Instrument :

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ClientSampleId :

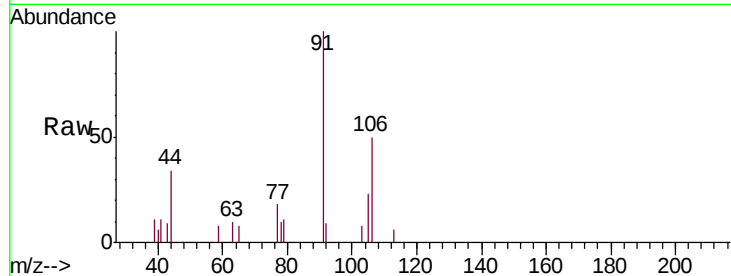
ESXB3

Tgt Ion: 106 Resp: 1502

Ion Ratio Lower Upper

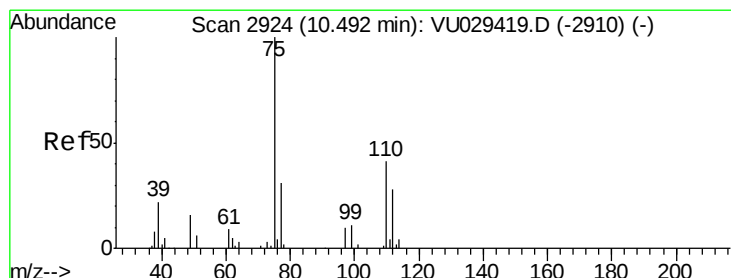
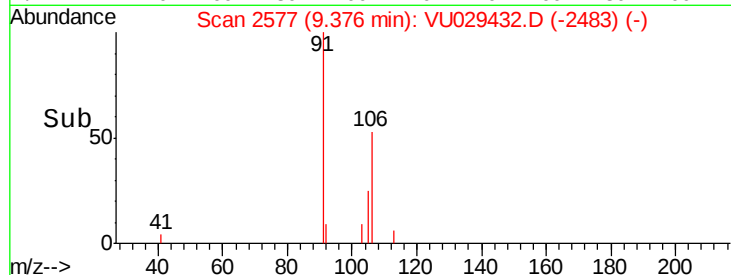
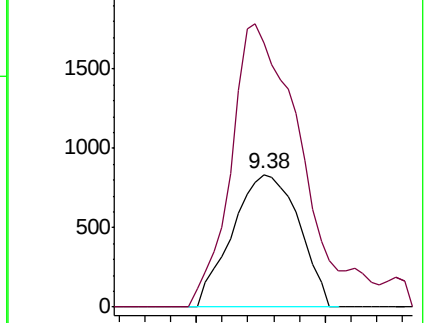
106 100

91 199.6 135.7 251.9



Abundance Ion 106.15 (105.85 to 106.85): VU029419.D (-2563) (-)

Ion 91.15 (90.85 to 91.85): VU029419.D (-2563) (-)



#59

1,2,3-Trichloropropane

Concen: 1.179 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029432.D

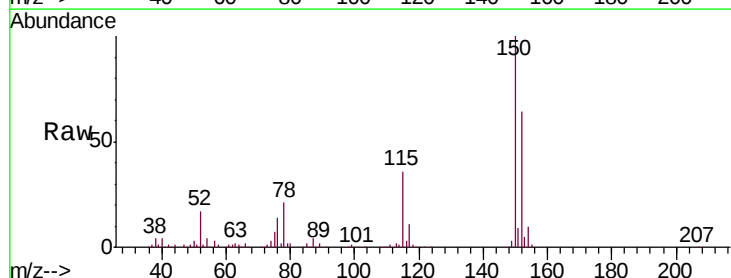
Acq: 12 Feb 2019 20:06

Tgt Ion: 75 Resp: 10172

Ion Ratio Lower Upper

75 100

77 35.9 28.2 42.2



Abundance Ion 75.00 (74.70 to 75.70): VU029419.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU029419.D (-2910) (-)

