

Data File : VU029449.D
Acq On : 14 Feb 2019 11:49
Operator : JC/SP
Sample : K1387-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JJ8

Quant Time: Feb 15 00:47:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 00:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	197661	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	185627	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102602	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58634	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.68	69	51428	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.27	63	93011	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.19	46	136143	49.31	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.62%
24) Chloroform-d	4.65	84	97710	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.31	65	53004	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.34	84	213570	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.33	67	64741	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.56	98	207791	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.85	79	27785	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.31	63	139749	51.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	55362	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	91197	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

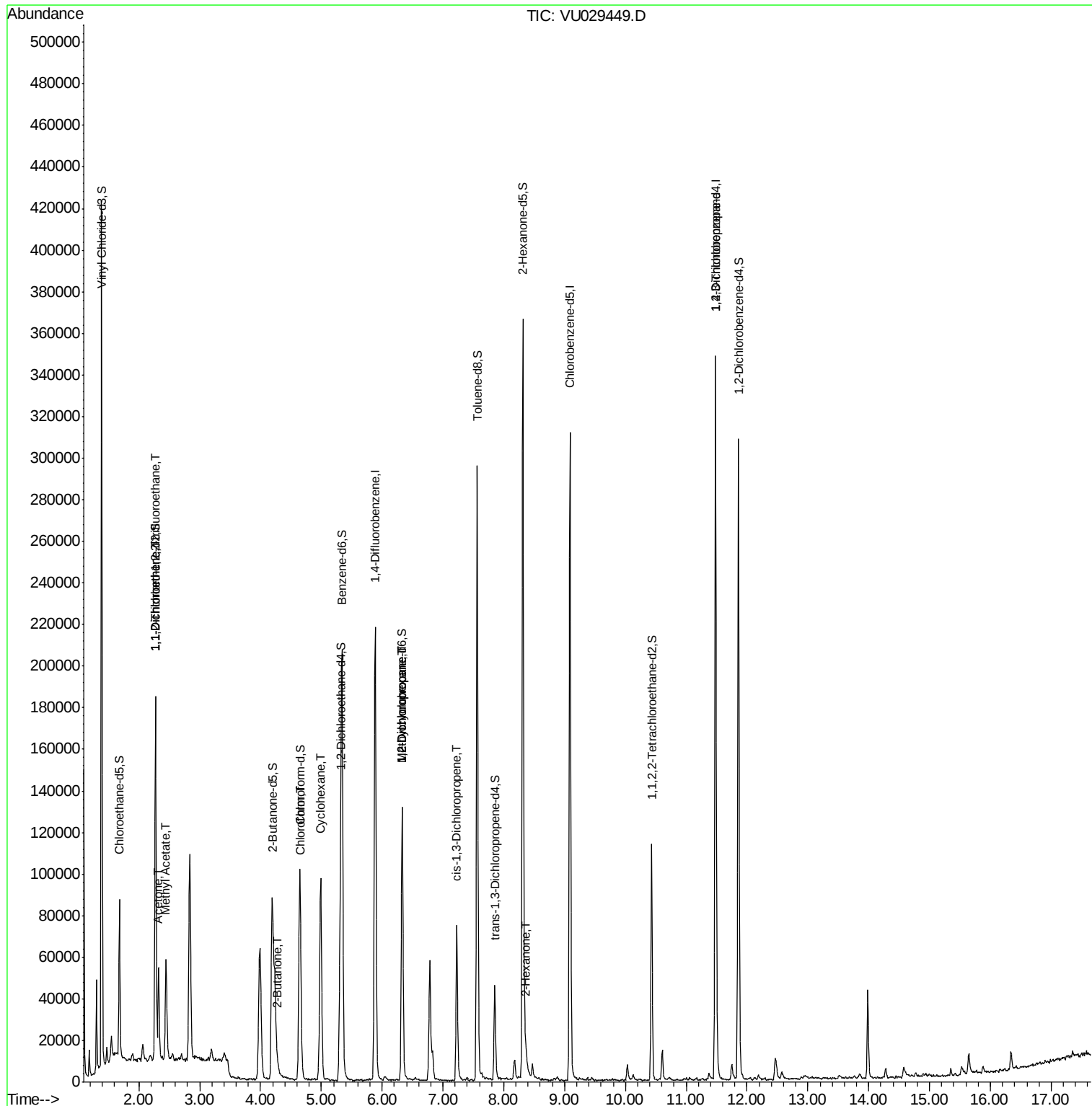
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	917	0.053	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1113	0.068	ug/L #	1
13) Acetone	2.32	43	45140	17.995	ug/L	99
15) Methyl Acetate	2.44	43	11927	1.856	ug/L #	47
21) 2-Butanone	4.28	43	4965	1.602	ug/L	94
25) Chloroform	4.67	83	4042	0.155	ug/L	99
30) Cyclohexane	4.99	56	53428	2.428	ug/L	99
35) Methylcyclohexane	6.33	83	15045	0.582	ug/L #	22
37) 1,2-Dichloropropane	6.32	63	6909	0.505	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	1765	0.082	ug/L #	38
48) 2-Hexanone	8.37	43	3943	0.686	ug/L #	95
59) 1,2,3-Trichloropropane	11.48	75	10125	1.153	ug/L	92

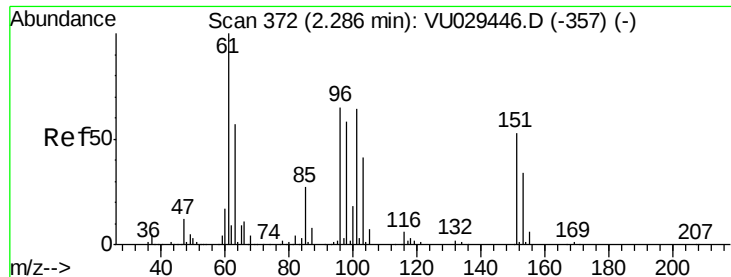
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.053 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029449.D

Acq: 14 Feb 2019 11:49

Instrument :

MSVOA_U

ClientSampled :

C0JJ8

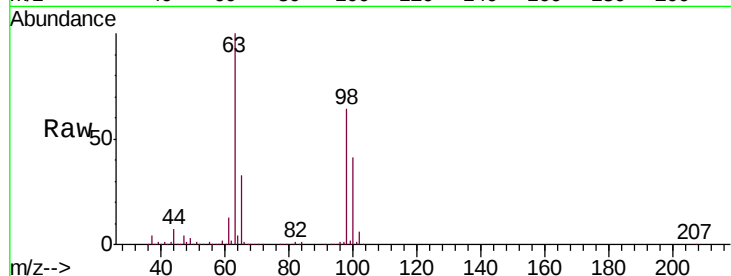
Tgt Ion: 101 Resp: 917

Ion Ratio Lower Upper

101 100

85 4.8 35.1 52.7#

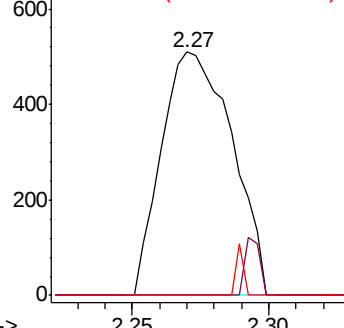
151 2.3 67.0 100.6#



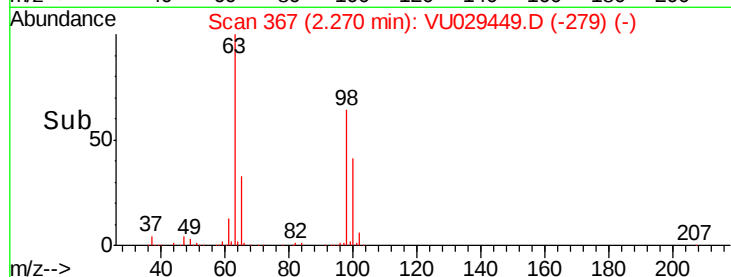
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 0.068 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029449.D

Acq: 14 Feb 2019 11:49

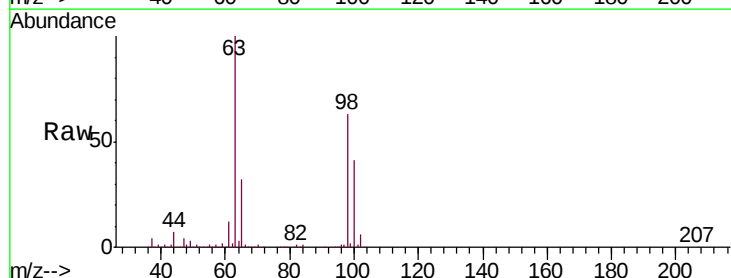
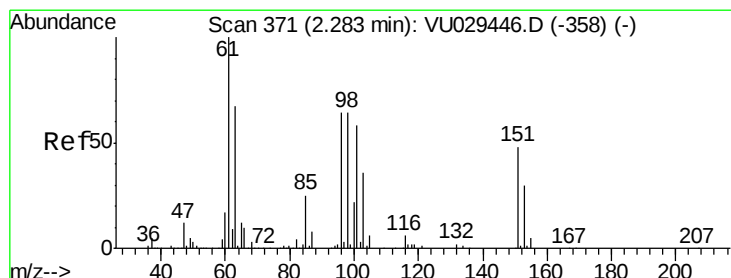
Tgt Ion: 96 Resp: 1113

Ion Ratio Lower Upper

96 100

61 976.8 115.1 213.7#

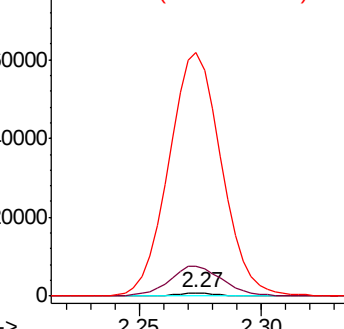
63 7872.6 83.5 155.1#



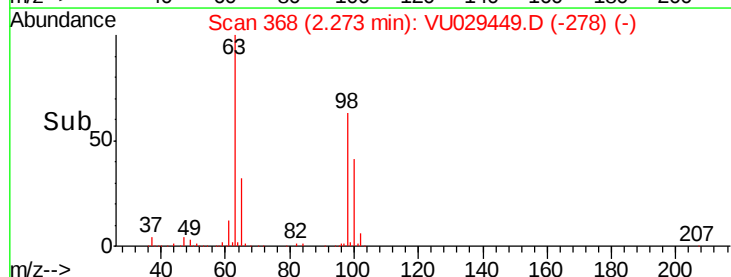
Abundance Ion 96.00 (95.70 to 96.70): VU0

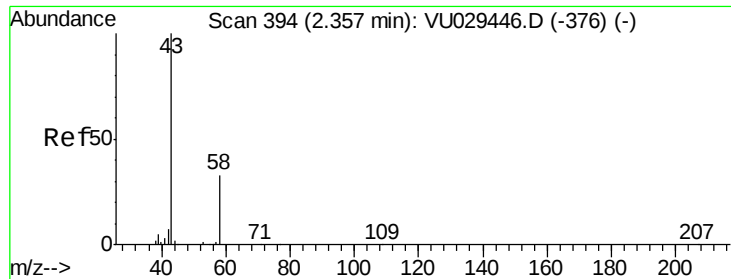
Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



Time-->





#13

Acetone

Concen: 17.995 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.04 min

Lab File: VU029449.D

Acq: 14 Feb 2019 11:49

Instrument :

MSVOA_U

ClientSampleId :

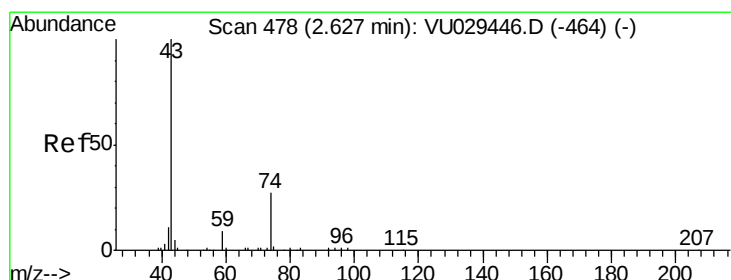
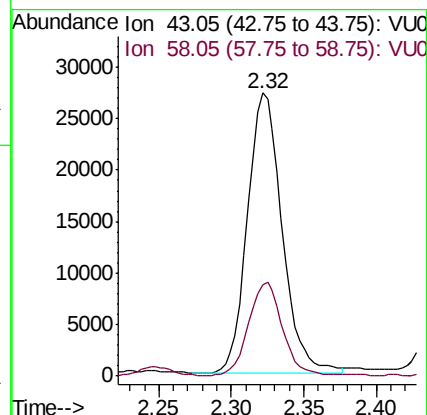
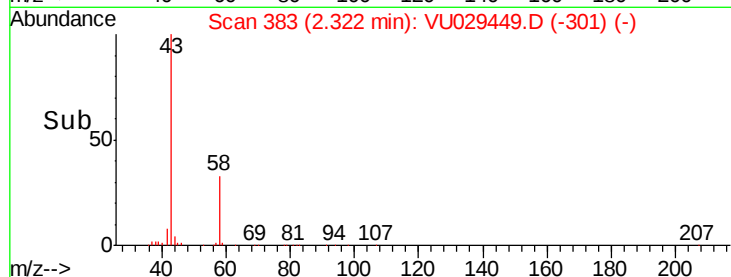
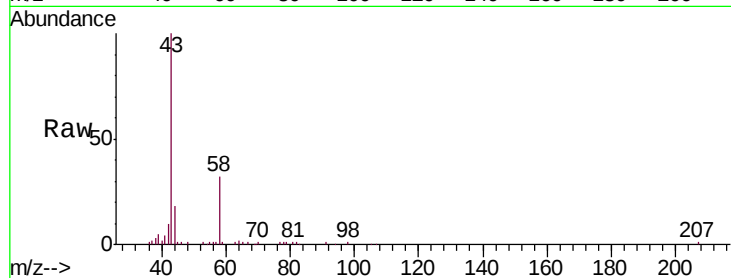
C0JJ8

Tgt Ion: 43 Resp: 45140

Ion Ratio Lower Upper

43 100

58 32.9 0.0 65.0



#15

Methyl Acetate

Concen: 1.856 ug/L

RT: 2.44 min Scan# 421

Delta R.T. -0.18 min

Lab File: VU029449.D

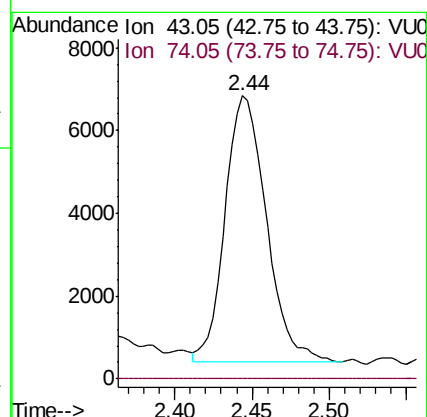
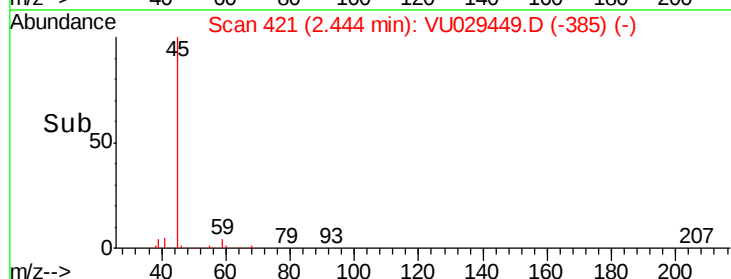
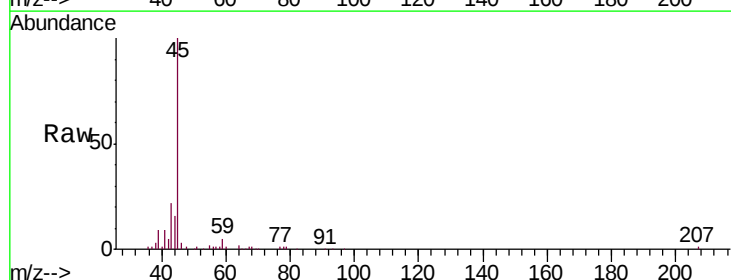
Acq: 14 Feb 2019 11:49

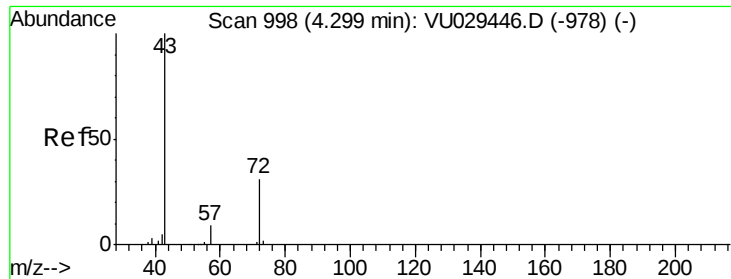
Tgt Ion: 43 Resp: 11927

Ion Ratio Lower Upper

43 100

74 0.0 22.3 33.5#





#21

2-Butanone

Concen: 1.602 ug/L

RT: 4.28 min Scan# 992

Delta R.T. -0.02 min

Lab File: VU029449.D

Acq: 14 Feb 2019 11:49

Instrument :

MSVOA_U

ClientSampleId :

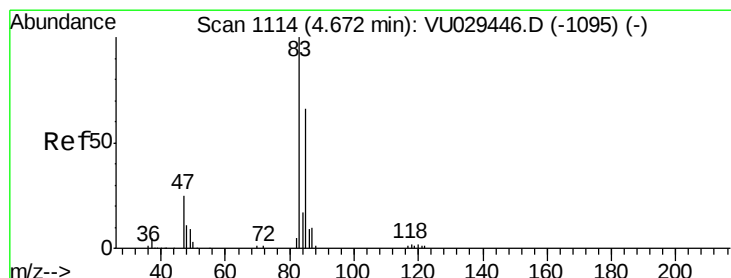
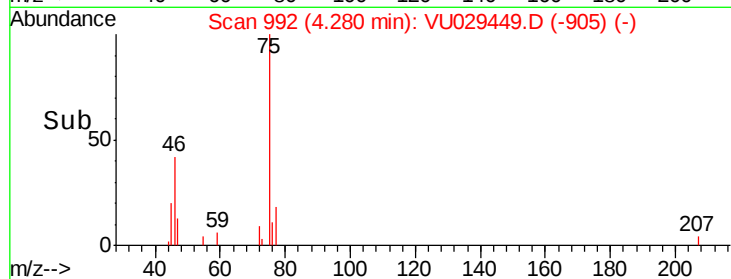
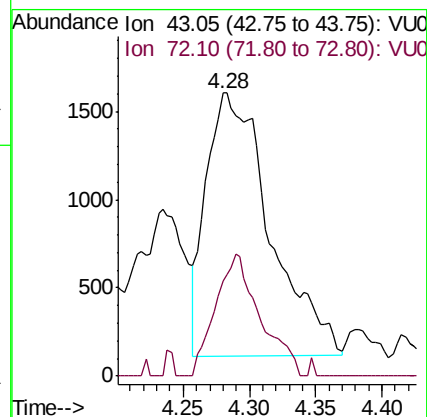
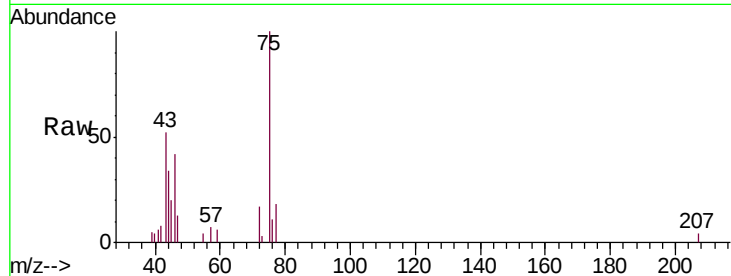
C0JJ8

Tgt Ion: 43 Resp: 4965

Ion Ratio Lower Upper

43 100

72 32.7 14.7 44.1



#25

Chloroform

Concen: 0.155 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VU029449.D

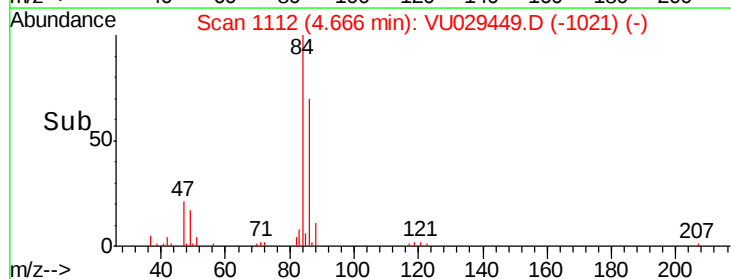
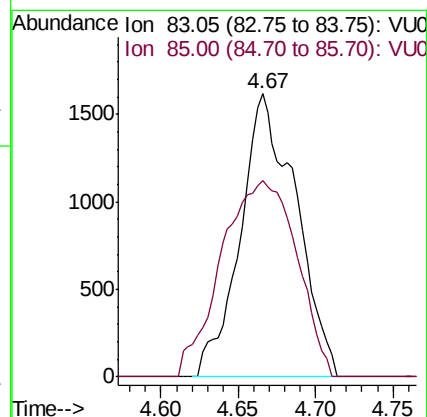
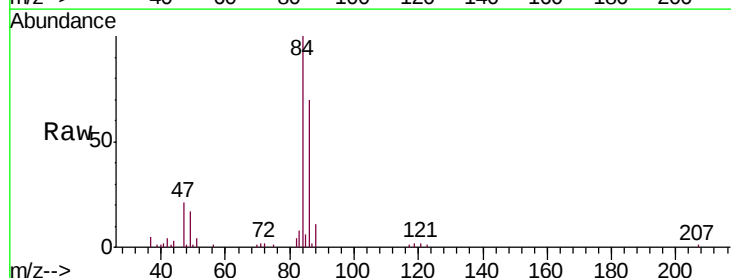
Acq: 14 Feb 2019 11:49

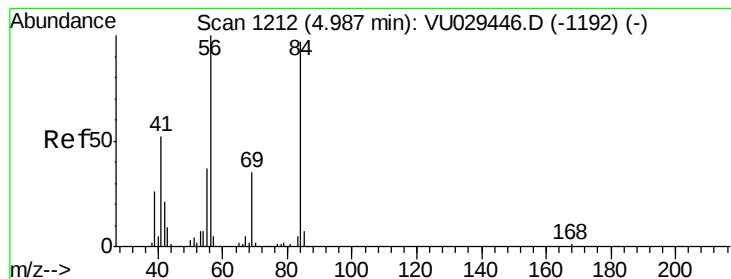
Tgt Ion: 83 Resp: 4042

Ion Ratio Lower Upper

83 100

85 69.5 47.8 88.8





#30

Cyclohexane

Concen: 2.428 ug/L

RT: 4.99 min Scan# 1212

Delta R.T. 0.00 min

Lab File: VU029449.D

Acq: 14 Feb 2019 11:49

Instrument :

MSVOA_U

ClientSampleId :

C0JJ8

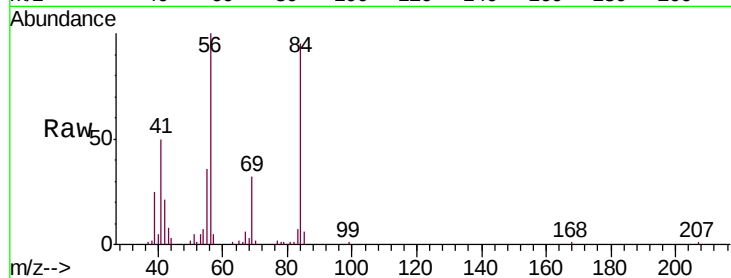
Tgt Ion: 56 Resp: 53428

Ion Ratio Lower Upper

56 100

69 32.3 25.8 38.6

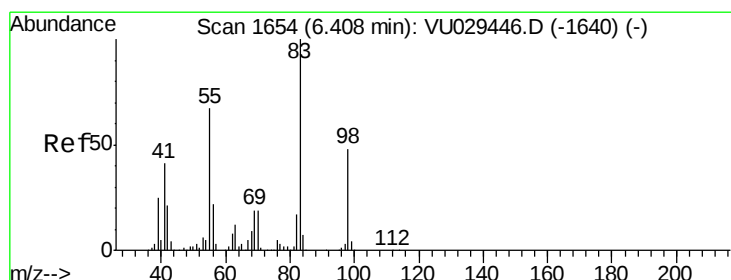
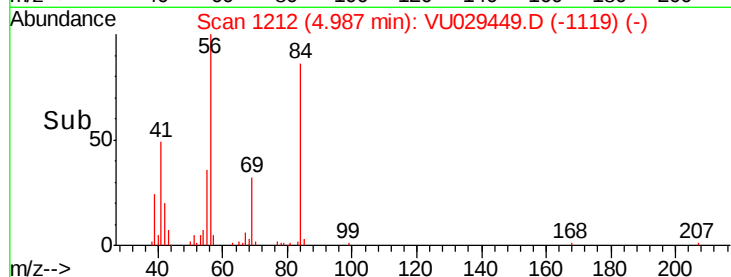
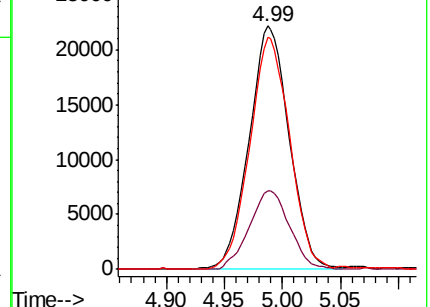
84 94.6 75.0 112.6



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: 0.582 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU029449.D

Acq: 14 Feb 2019 11:49

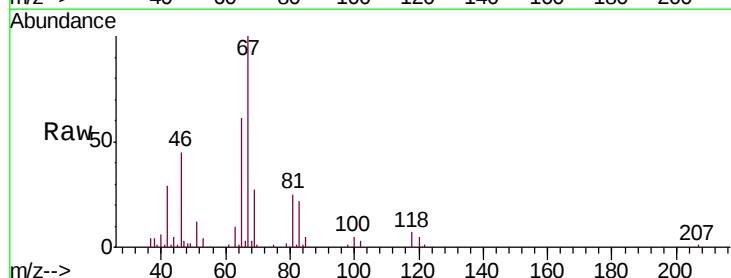
Tgt Ion: 83 Resp: 15045

Ion Ratio Lower Upper

83 100

55 1.2 55.9 83.9#

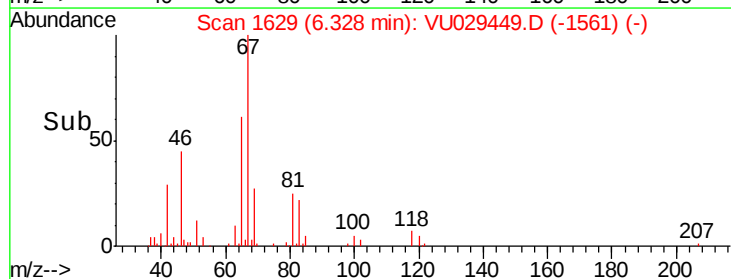
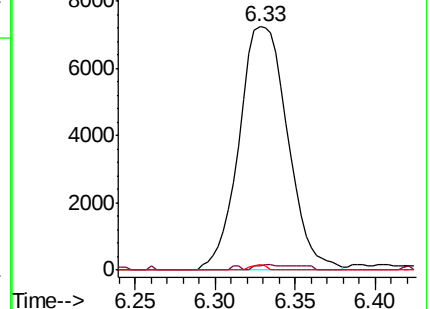
98 0.7 38.6 57.8#

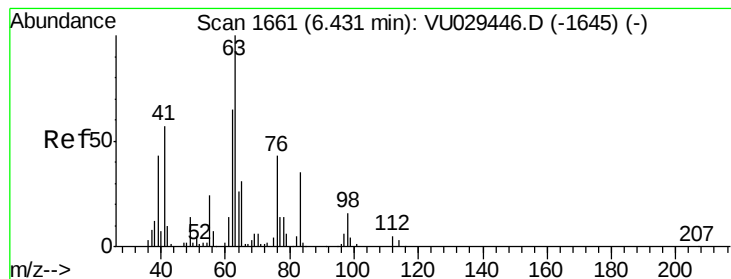


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.505 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.11 min

Lab File: VU029449.D

Acq: 14 Feb 2019 11:49

Instrument :

MSVOA_U

ClientSampleId :

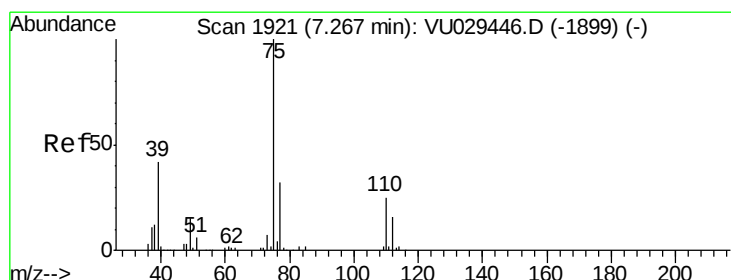
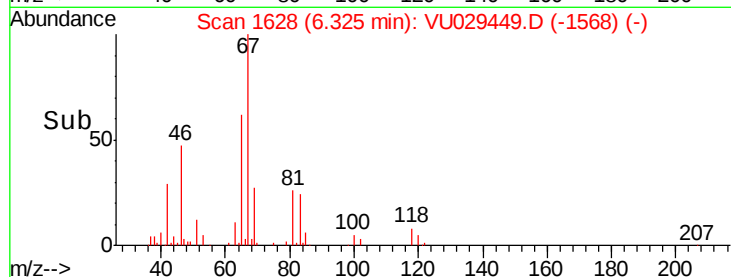
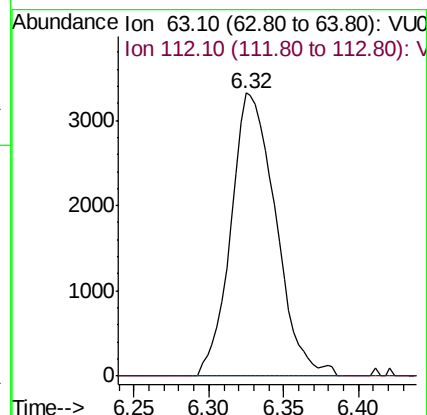
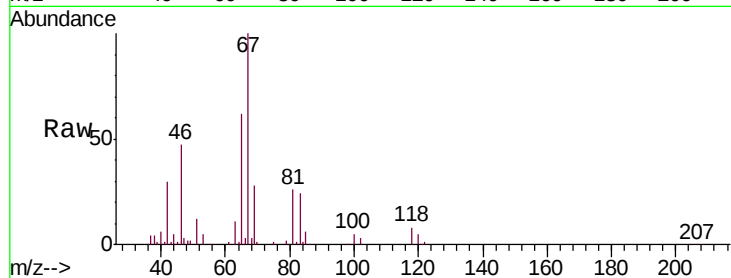
C0JJ8

Tgt Ion: 63 Resp: 6909

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029449.D

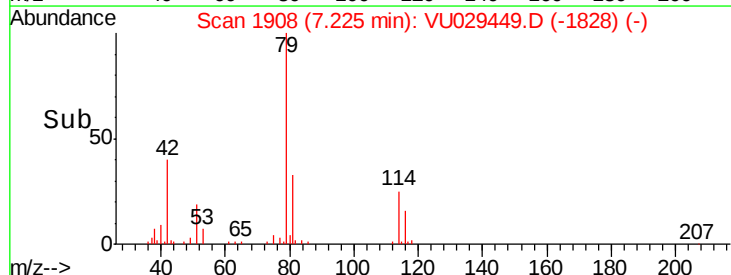
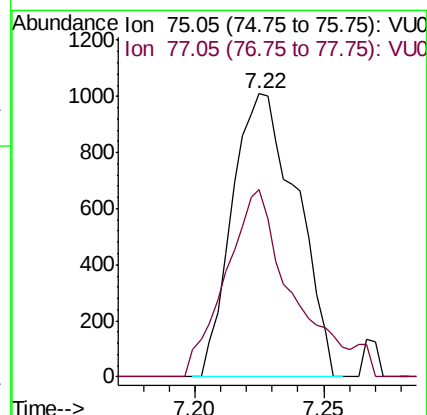
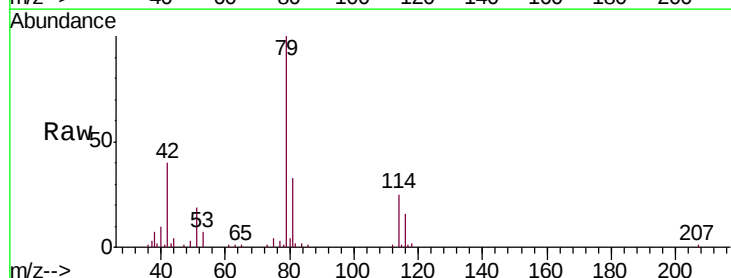
Acq: 14 Feb 2019 11:49

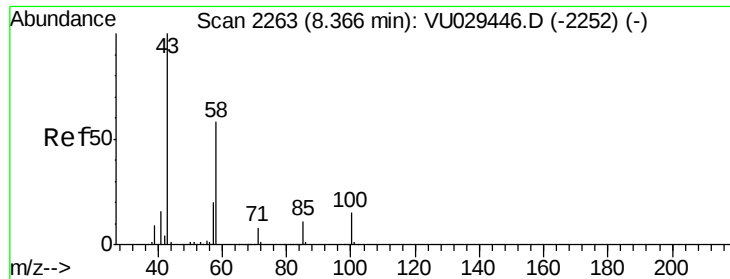
Tgt Ion: 75 Resp: 1765

Ion Ratio Lower Upper

75 100

77 66.3 22.3 41.3#

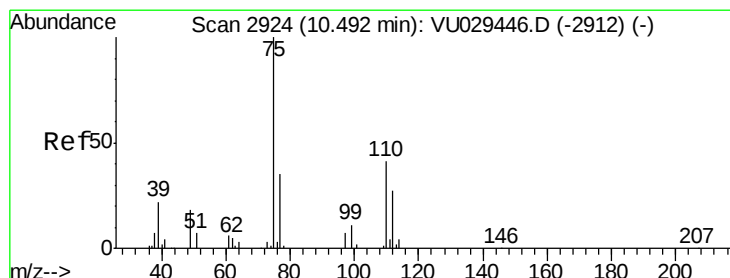
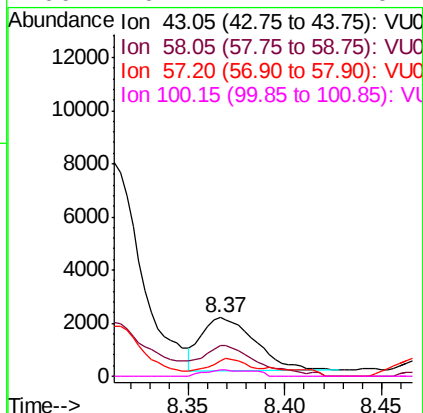
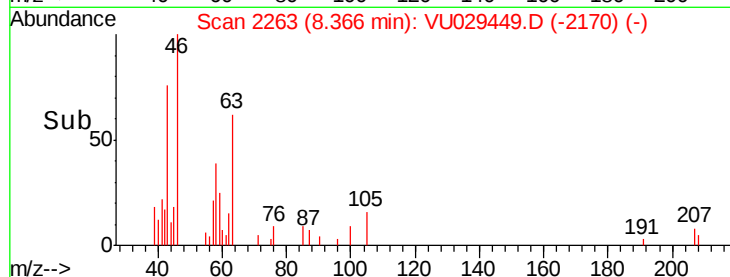
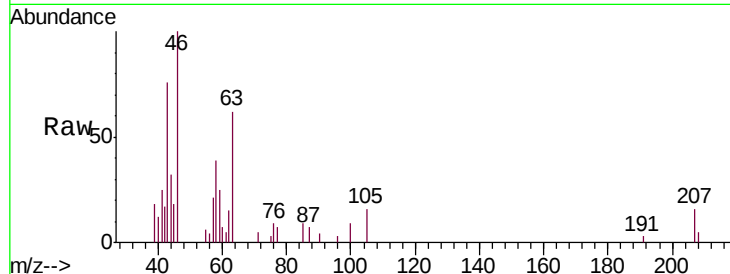




#48
2-Hexanone
Concen: 0.686 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU029449.D
Acq: 14 Feb 2019 11:49

Instrument :
MSVOA_U
ClientSampleId :
C0JJ8

Tgt Ion: 43 Resp: 3943
Ion Ratio Lower Upper
43 100
58 58.4 45.7 68.5
57 15.1 16.4 24.6#
100 10.7 11.1 16.7#



#59
1,2,3-Trichloropropane
Concen: 1.153 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029449.D
Acq: 14 Feb 2019 11:49

Tgt Ion: 75 Resp: 10125
Ion Ratio Lower Upper
75 100
77 39.6 28.2 42.2

