

Data File : VU029523.D
Acq On : 18 Feb 2019 12:01
Operator : JC/SP
Sample : VIBLK41
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Quant Time: Feb 19 00:22:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 19 00:19:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	218812	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	210606	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	112166	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63049	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.68	69	58824	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.27	63	109226	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.20	46	150020	49.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.16%
24) Chloroform-d	4.65	84	106448	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.31	65	62197	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.34	84	247481	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.33	67	75066	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.56	98	246162	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.85	79	31839	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.31	63	159537	51.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	64052	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	103539	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

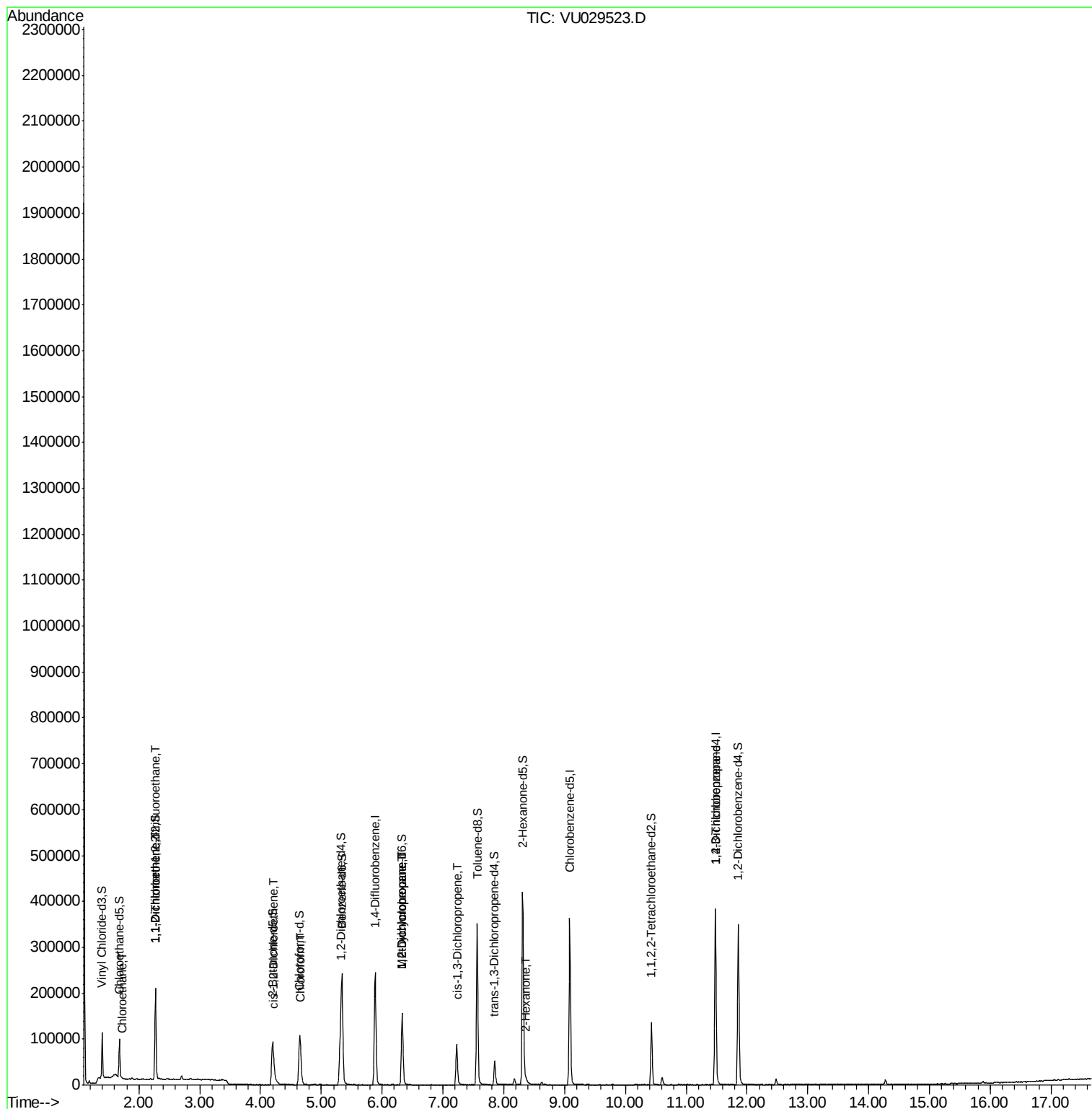
						Qvalue
8) Chloroethane	1.73	64	1836	0.134	ug/L #	56
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1254	0.066	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	1025	0.057	ug/L #	1
22) cis-1,2-Dichloroethene	4.22	96	2153	0.122	ug/L	95
25) Chloroform	4.67	83	9426	0.326	ug/L	99
35) Methylcyclohexane	6.33	83	17542	0.598	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7850	0.506	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1968	0.081	ug/L #	66
48) 2-Hexanone	8.37	43	2620	0.402	ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	11518	1.156	ug/L	90

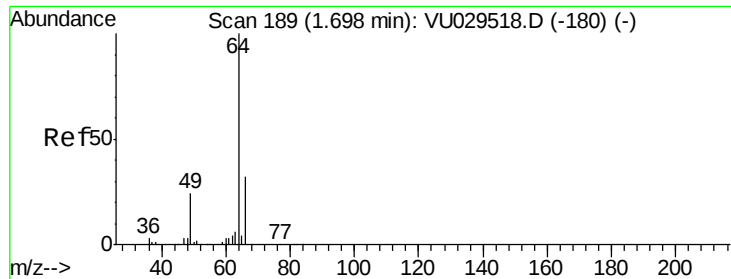
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 19 00:19:12 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.134 ug/L

RT: 1.73 min Scan# 199

Delta R.T. 0.03 min

Lab File: VU029523.D

Acq: 18 Feb 2019 12:01

Instrument :

MSVOA_U

ClientSampleId :

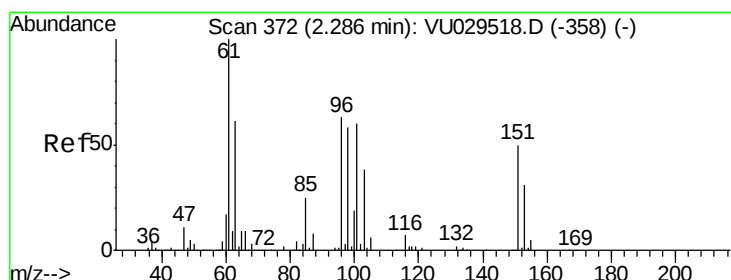
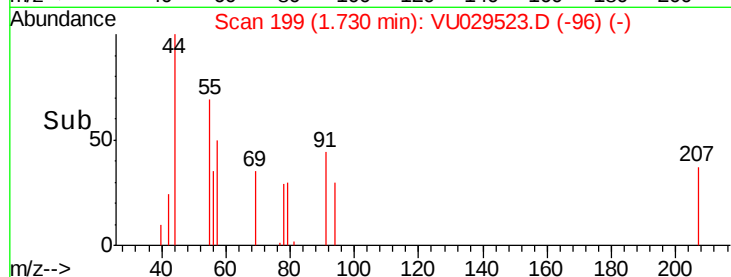
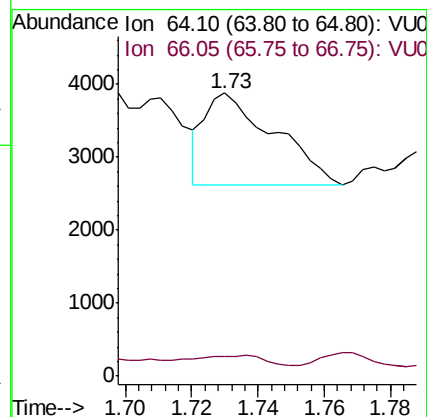
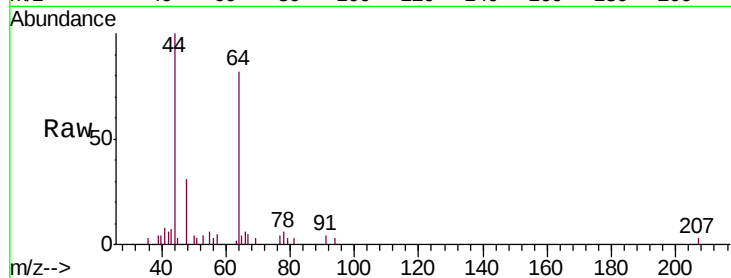
VIBLK41

Tgt Ion: 64 Resp: 1836

Ion Ratio Lower Upper

64 100

66 7.1 22.0 40.8#



#10

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

Concen: 0.066 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029523.D

Acq: 18 Feb 2019 12:01

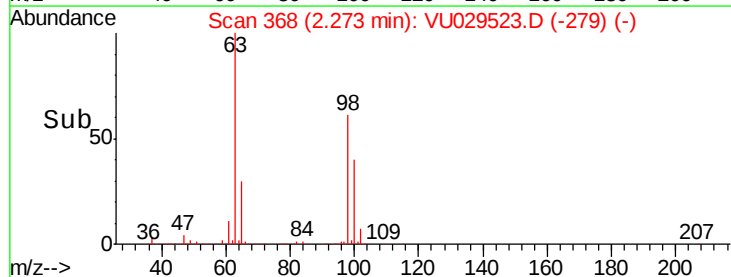
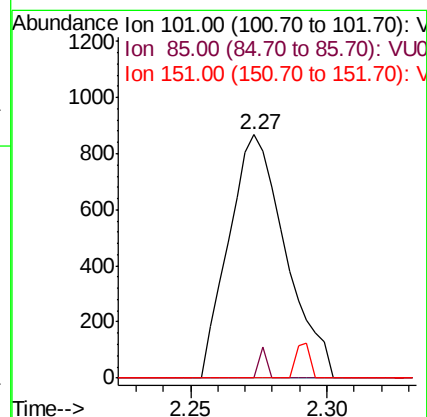
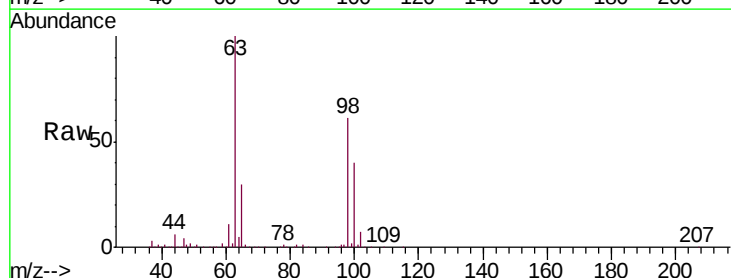
Tgt Ion: 101 Resp: 1254

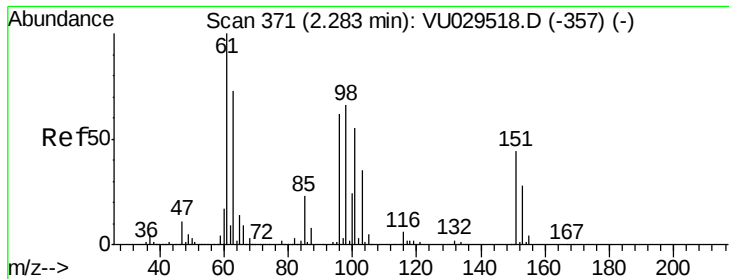
Ion Ratio Lower Upper

101 100

85 1.8 35.1 52.7#

151 3.7 67.0 100.6#





#12

1,1-Dichloroethene

Concen: 0.057 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029523.D

Acq: 18 Feb 2019 12:01

Instrument :

MSVOA_U

ClientSampleId :

VIBLK41

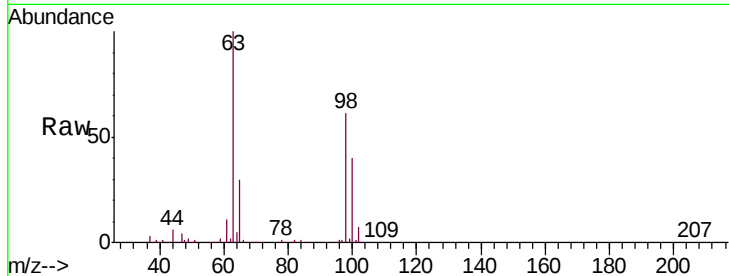
Tgt Ion: 96 Resp: 1025

Ion Ratio Lower Upper

96 100

61 1399.0 115.1 213.7#

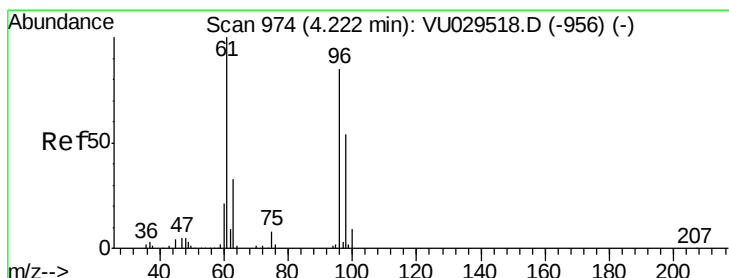
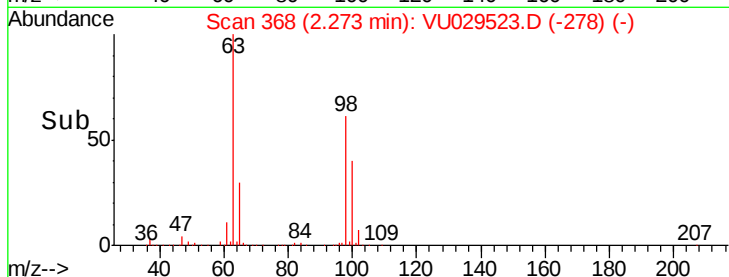
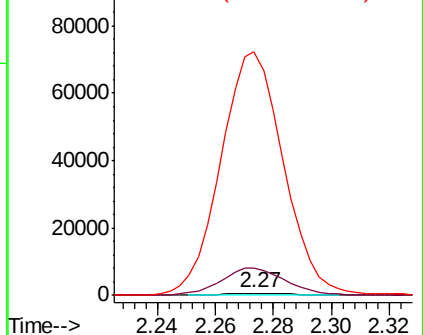
63 12443.4 83.5 155.1#



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



#22

cis-1,2-Dichloroethene

Concen: 0.122 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029523.D

Acq: 18 Feb 2019 12:01

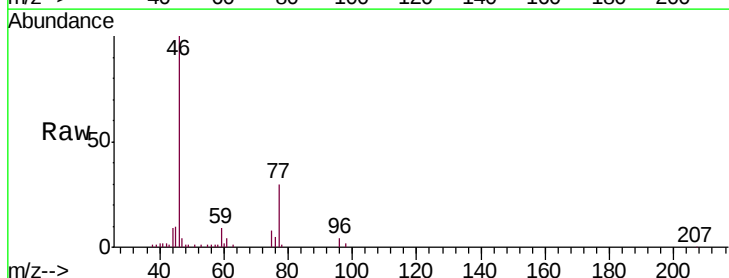
Tgt Ion: 96 Resp: 2153

Ion Ratio Lower Upper

96 100

61 109.2 79.9 148.5

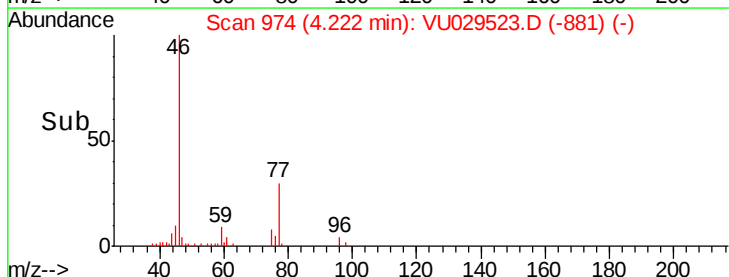
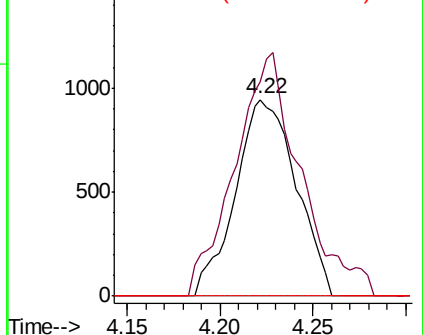
68 0.0 0.0 0.0

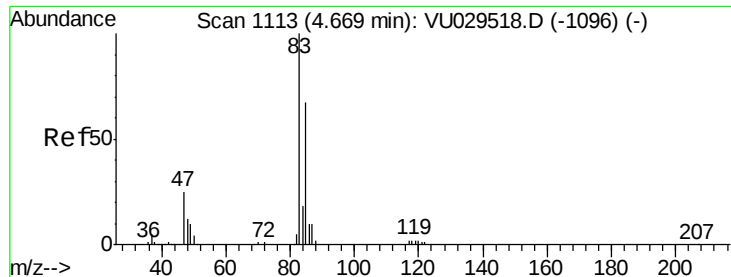


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#25

Chloroform

Concen: 0.326 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU029523.D

Acq: 18 Feb 2019 12:01

Instrument :

MSVOA_U

ClientSampleId :

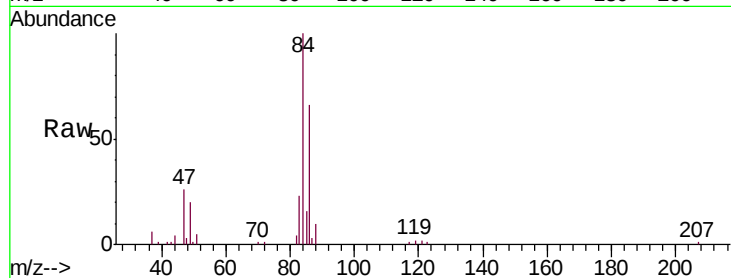
VIBLK41

Tgt Ion: 83 Resp: 9426

Ion Ratio Lower Upper

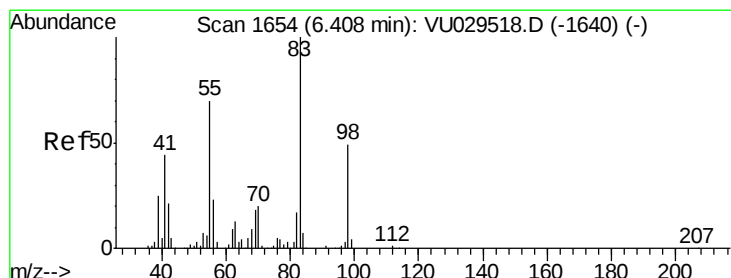
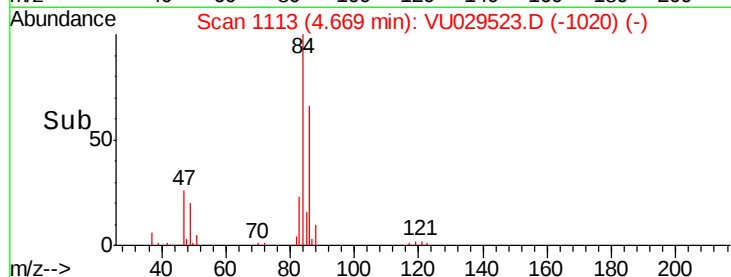
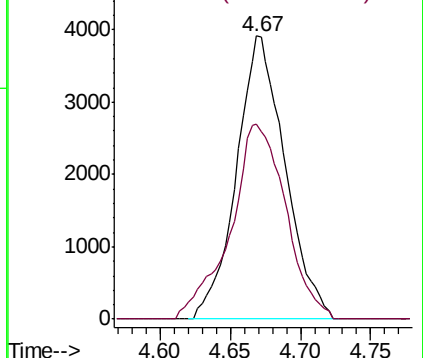
83 100

85 69.0 47.8 88.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#35

Methylcyclohexane

Concen: 0.598 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU029523.D

Acq: 18 Feb 2019 12:01

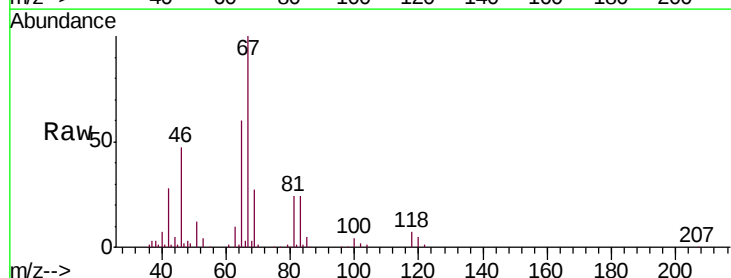
Tgt Ion: 83 Resp: 17542

Ion Ratio Lower Upper

83 100

55 0.7 55.9 83.9#

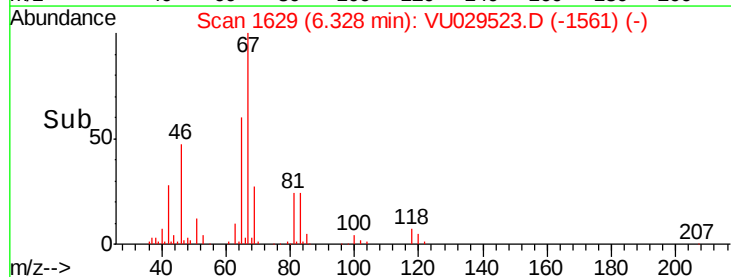
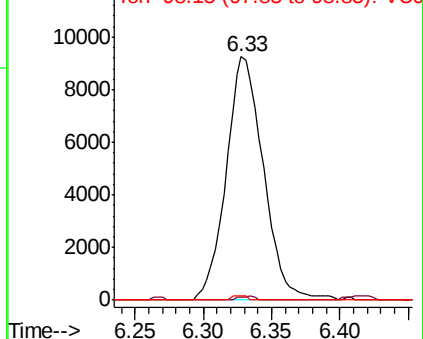
98 0.7 38.6 57.8#

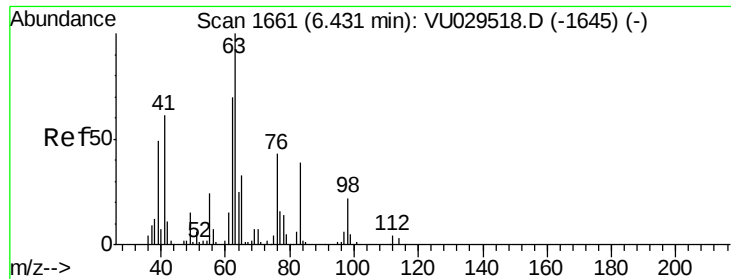


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.506 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.10 min

Lab File: VU029523.D

Acq: 18 Feb 2019 12:01

Instrument :

MSVOA_U

ClientSampleId :

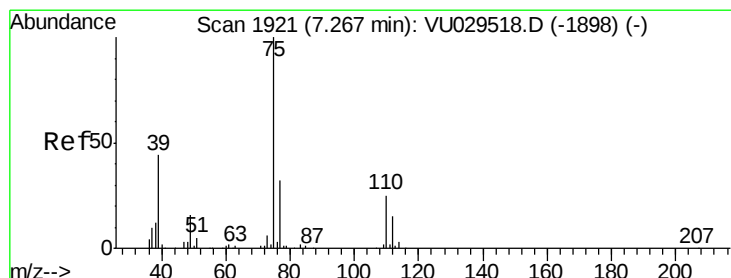
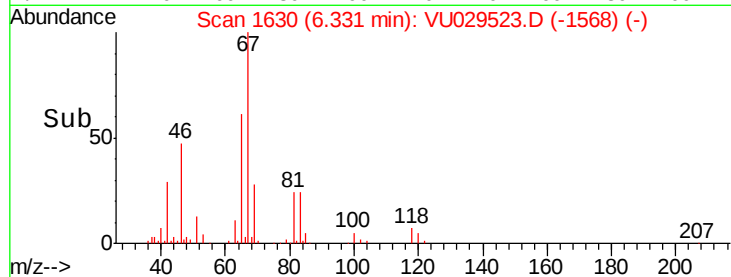
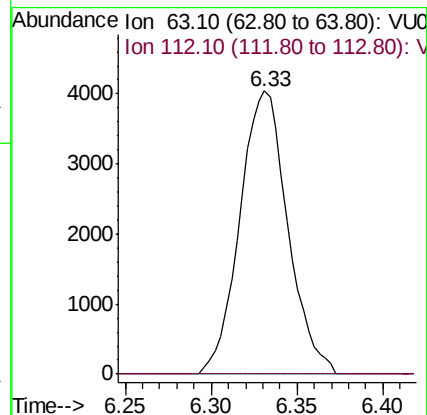
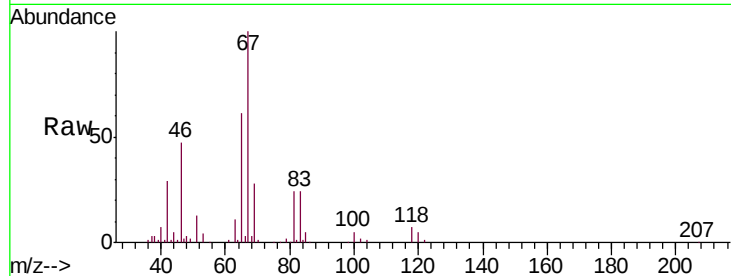
VIBLK41

Tgt Ion: 63 Resp: 7850

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.23 min Scan# 1910

Delta R.T. -0.04 min

Lab File: VU029523.D

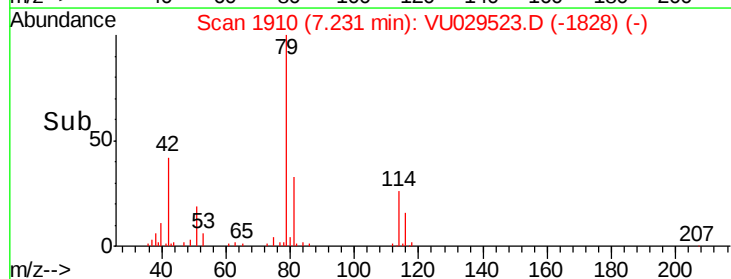
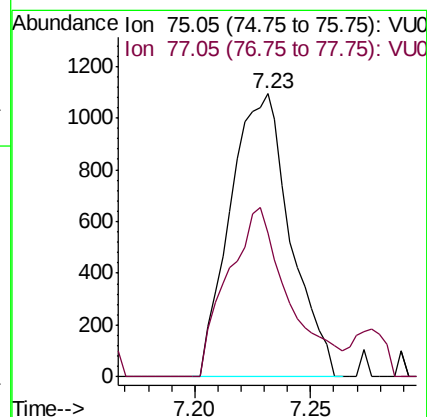
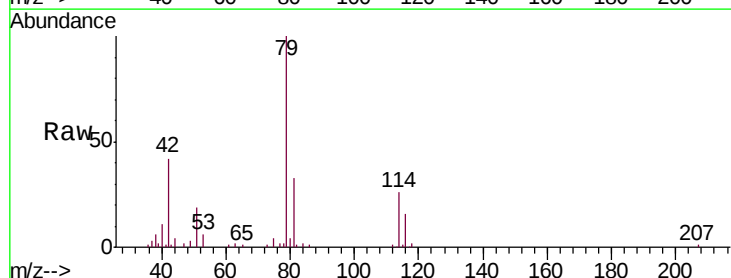
Acq: 18 Feb 2019 12:01

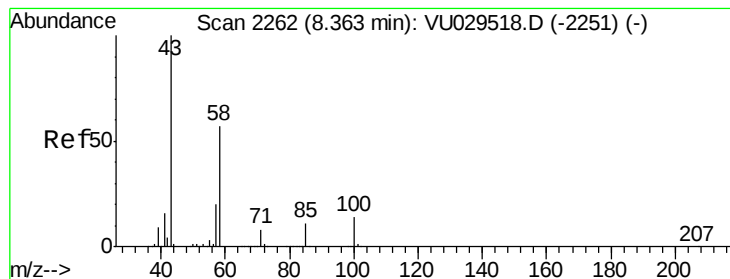
Tgt Ion: 75 Resp: 1968

Ion Ratio Lower Upper

75 100

77 51.0 22.3 41.3#





#48

2-Hexanone

Concen: 0.402 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU029523.D

Acq: 18 Feb 2019 12:01

Instrument :

MSVOA_U

ClientSampleId :

VIBLK41

Tgt Ion: 43 Resp: 2620

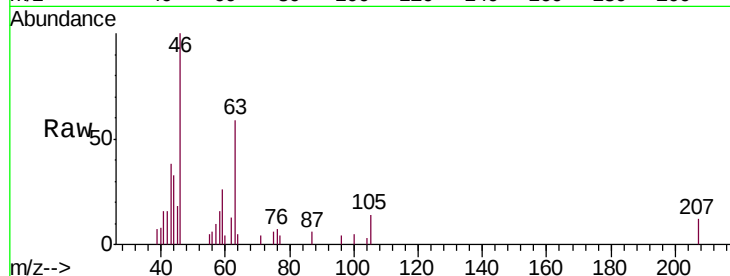
Ion Ratio Lower Upper

43 100

58 36.8 45.7 68.5#

57 20.5 16.4 24.6

100 7.2 11.1 16.7#

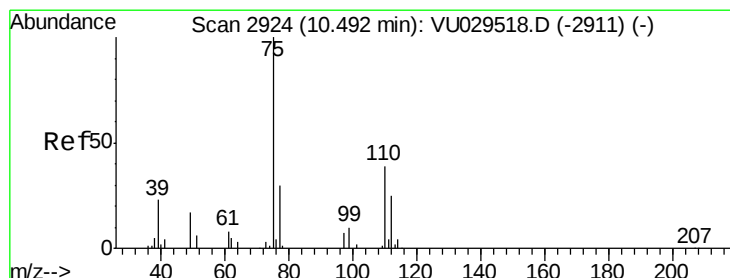
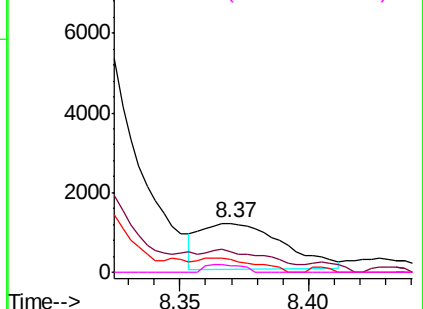
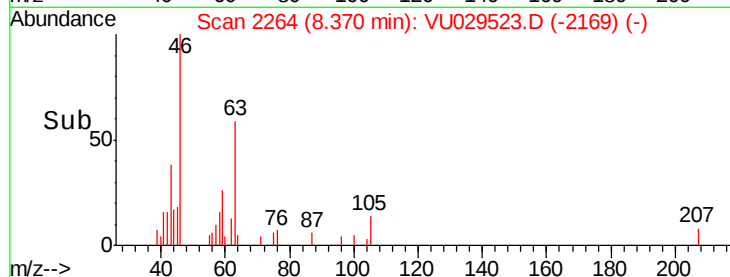


Abundance Ion 43.05 (42.75 to 43.75): VU0

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



#59

1,2,3-Trichloropropane

Concen: 1.156 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029523.D

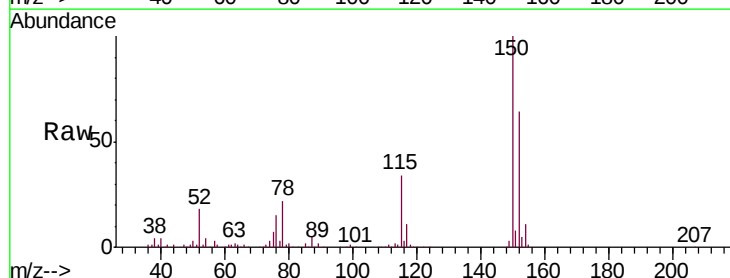
Acq: 18 Feb 2019 12:01

Tgt Ion: 75 Resp: 11518

Ion Ratio Lower Upper

75 100

77 41.1 28.2 42.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

