

Data File : VU029450.D
Acq On : 14 Feb 2019 12:12
Operator : JC/SP
Sample : K1387-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Feb 15 00:47:17 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	204801	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	187789	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	104572	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58895	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.68	69	59822	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.27	63	95710	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.20	46	143948	50.31	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.62%
24) Chloroform-d	4.65	84	95992	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.31	65	53169	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.34	84	217579	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.33	67	65331	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.56	98	209854	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.85	79	28379	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.31	63	146077	53.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56252	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	92538	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

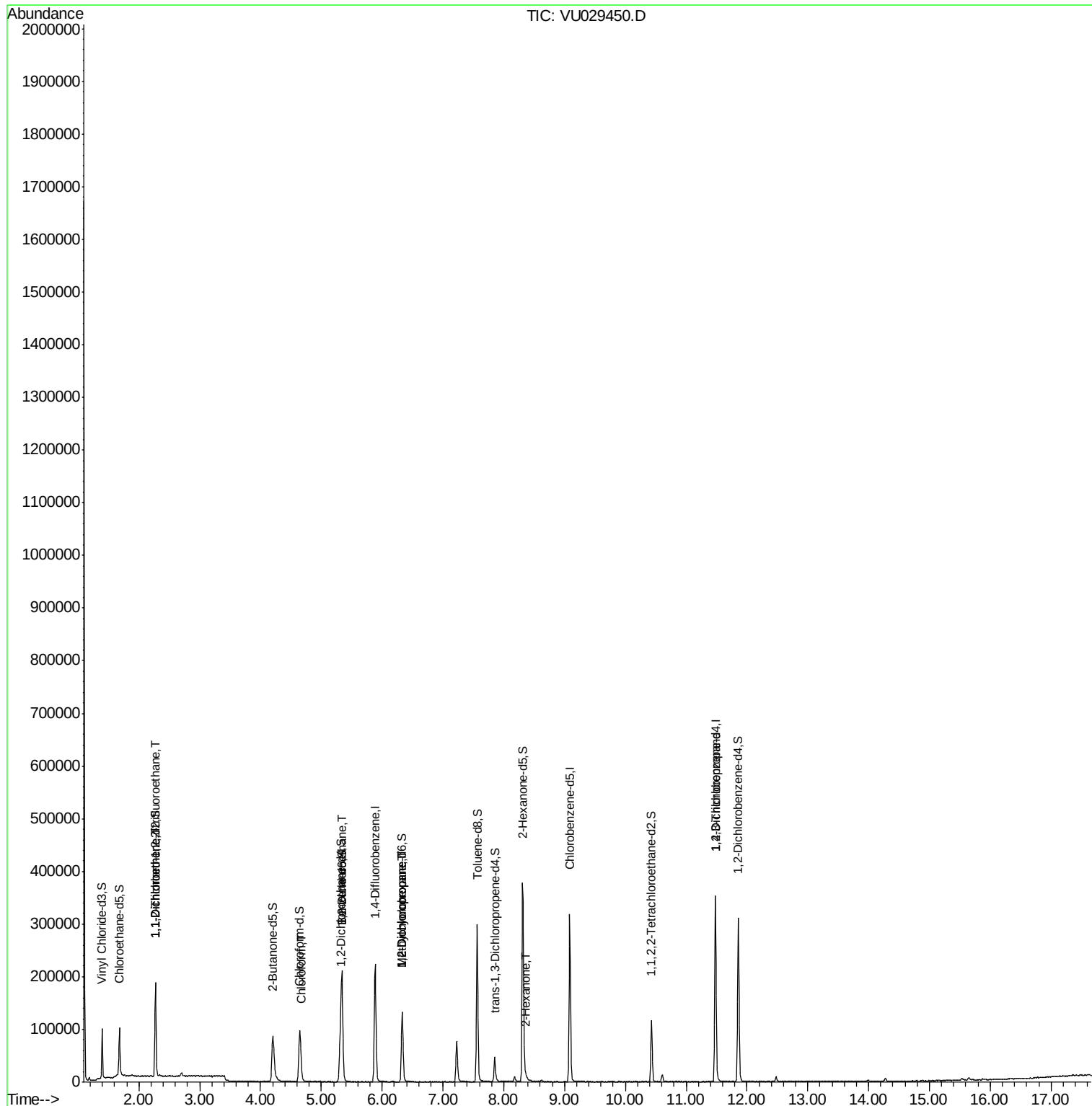
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1069	0.060	ug/L #	19
12) 1,1-Dichloroethene	2.28	96	992	0.059	ug/L #	1
25) Chloroform	4.67	83	9312	0.344	ug/L	96
27) 1,2-Dichloroethane	5.33	62	1055	0.067	ug/L #	72
35) Methylcyclohexane	6.33	83	16009	0.612	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	6849	0.495	ug/L #	87
48) 2-Hexanone	8.37	43	1997	0.343	ug/L #	46
59) 1,2,3-Trichloropropane	11.48	75	10040	1.130	ug/L	98

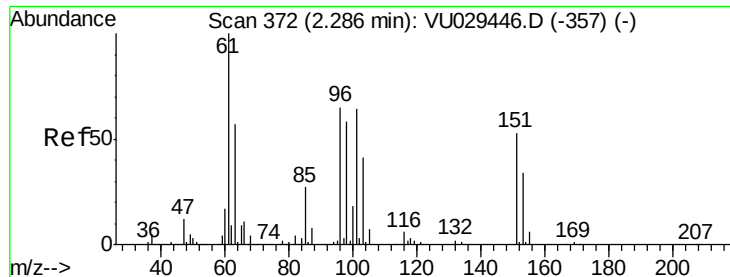
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.060 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

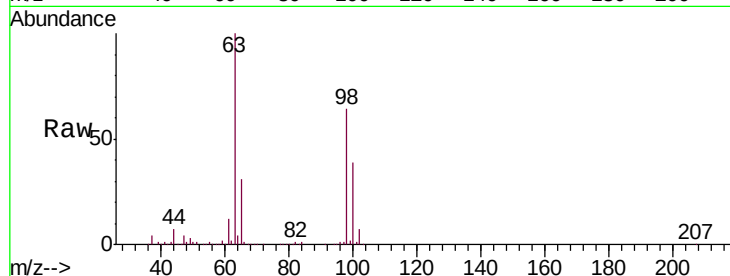
Tgt Ion:101 Resp: 1069

Ion Ratio Lower Upper

101 100

85 6.5 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

2.27

600

400

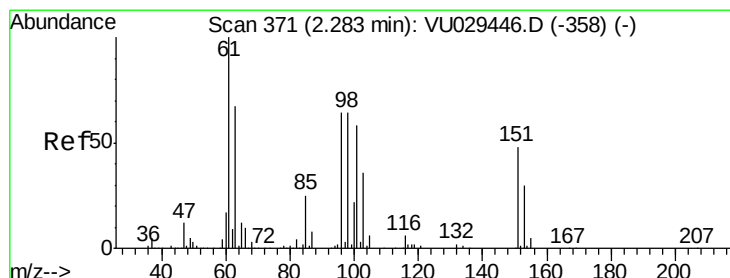
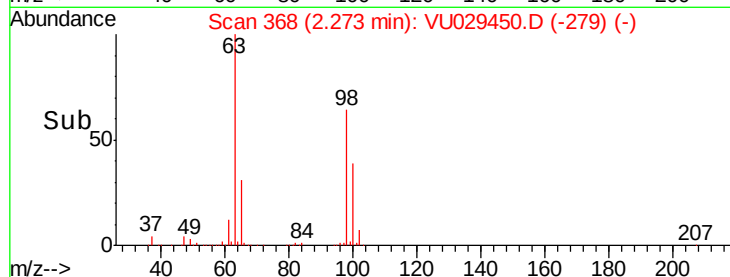
200

0

2.25

2.30

Time-->



#12

1,1-Dichloroethene

Concen: 0.059 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029450.D

Acq: 14 Feb 2019 12:12

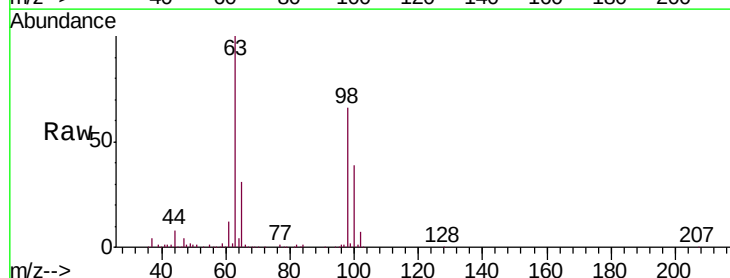
Tgt Ion: 96 Resp: 992

Ion Ratio Lower Upper

96 100

61 1160.6 115.1 213.7#

63 9450.7 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

80000

60000

40000

20000

0

2.24

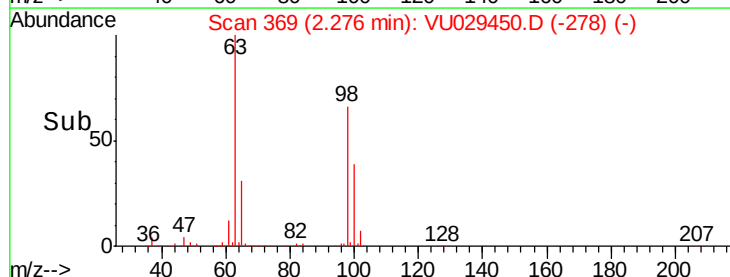
2.26

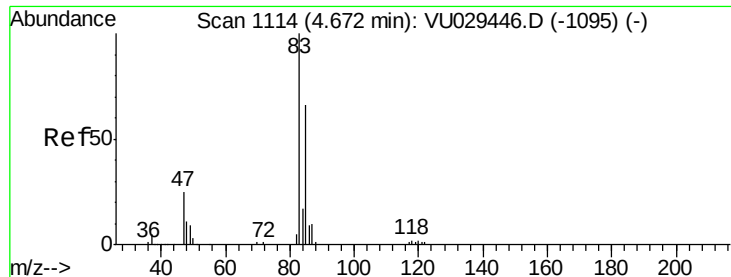
2.28

2.30

2.32

Time-->





#25

Chloroform

Concen: 0.344 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029450.D

Acq: 14 Feb 2019 12:12

Instrument :

MSVOA_U

ClientSampleId :

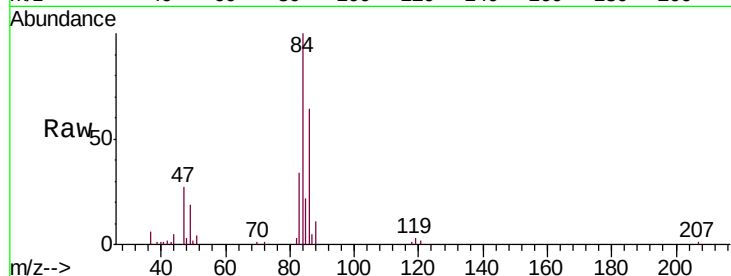
VHBLK01

Tgt Ion: 83 Resp: 9312

Ion Ratio Lower Upper

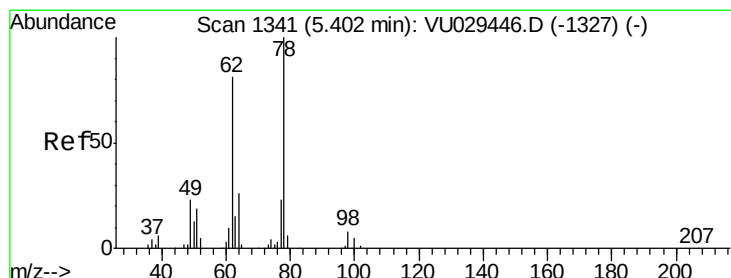
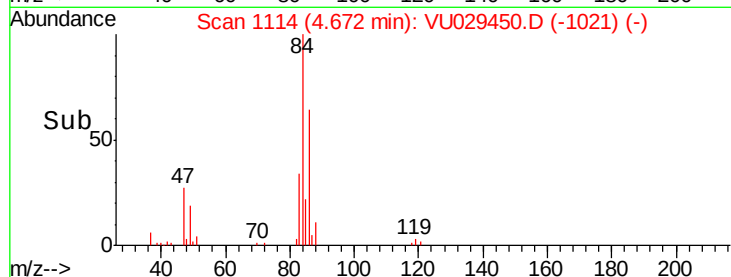
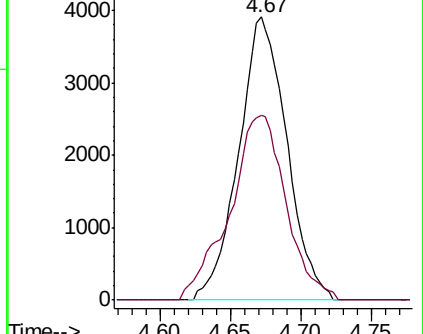
83 100

85 65.4 47.8 88.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#27

1,2-Dichloroethane

Concen: 0.067 ug/L

RT: 5.33 min Scan# 1319

Delta R.T. -0.07 min

Lab File: VU029450.D

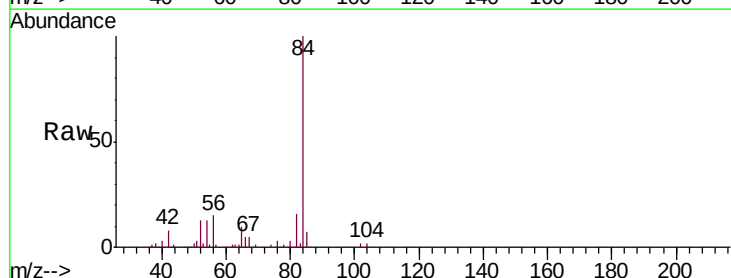
Acq: 14 Feb 2019 12:12

Tgt Ion: 62 Resp: 1055

Ion Ratio Lower Upper

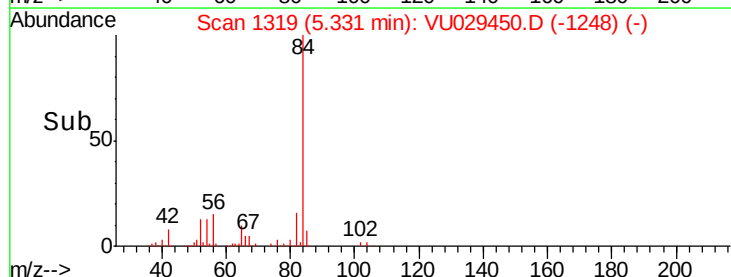
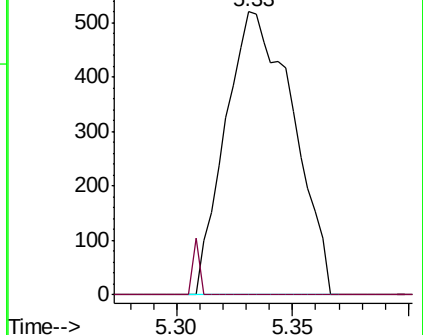
62 100

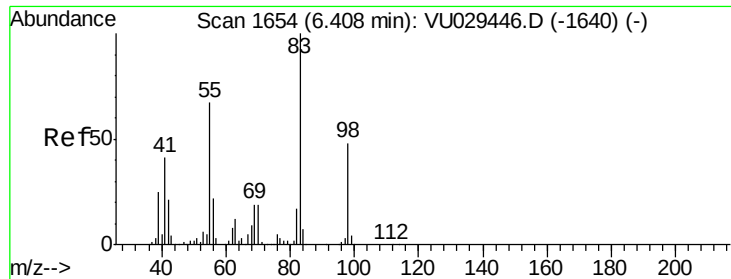
98 0.0 8.4 12.6#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

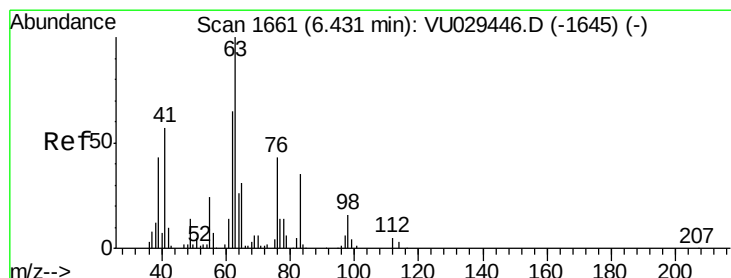
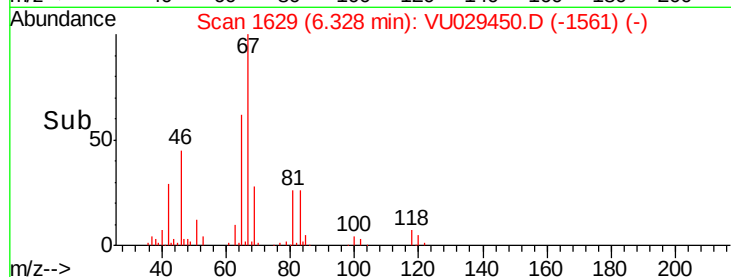
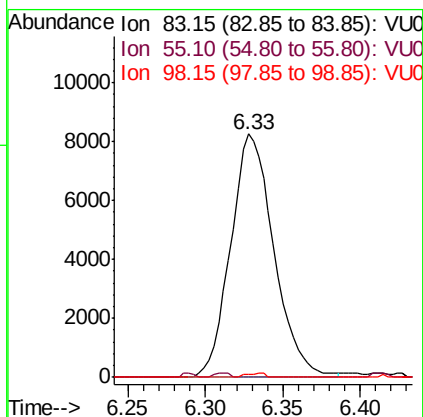
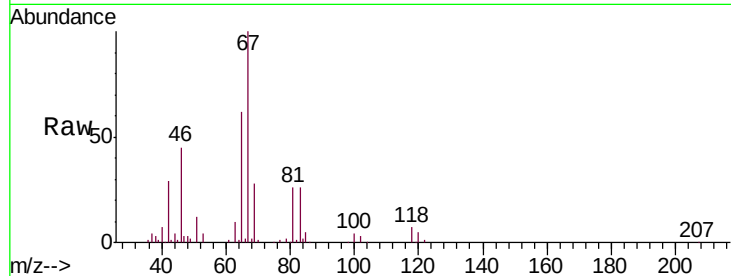




#35
Methylcyclohexane
Concen: 0.612 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029450.D
Acq: 14 Feb 2019 12:12

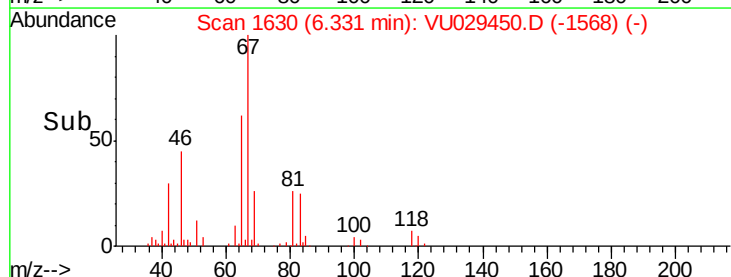
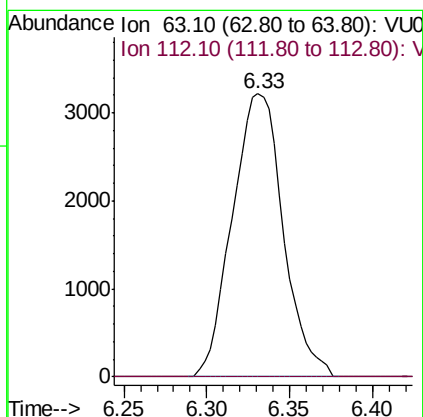
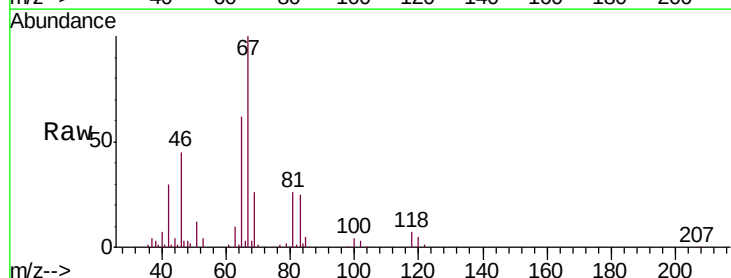
Instrument :
MSVOA_U
ClientSampled :
VHBLK01

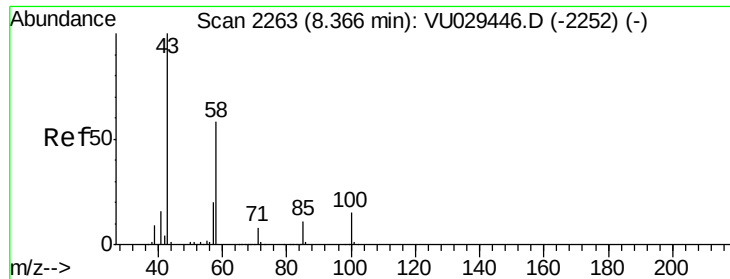
Tgt Ion: 83 Resp: 16009
Ion Ratio Lower Upper
83 100
55 0.6 55.9 83.9#
98 0.8 38.6 57.8#



#37
1,2-Dichloropropane
Concen: 0.495 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029450.D
Acq: 14 Feb 2019 12:12

Tgt Ion: 63 Resp: 6849
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

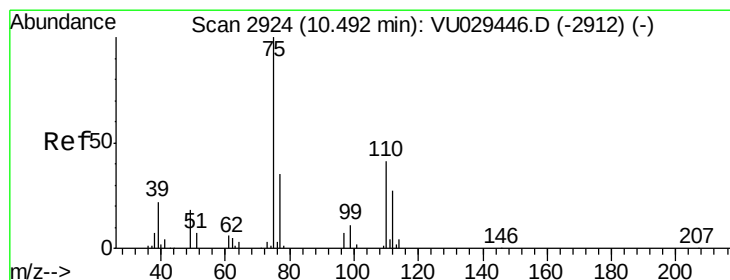
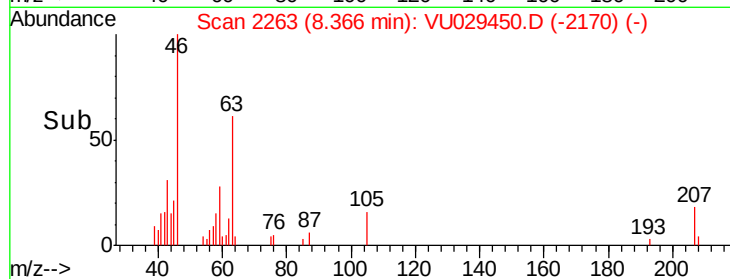
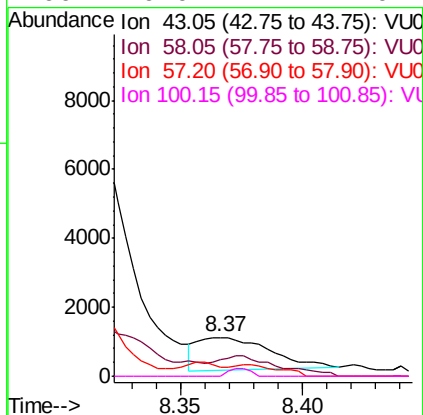
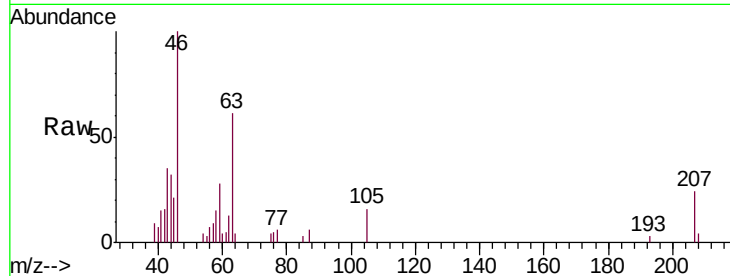




#48
 2-Hexanone
 Concen: 0.343 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU029450.D
 Acq: 14 Feb 2019 12:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 1997
 Ion Ratio Lower Upper
 43 100
 58 0.0 45.7 68.5#
 57 22.1 16.4 24.6
 100 0.0 11.1 16.7#



#59
 1,2,3-Trichloropropane
 Concen: 1.130 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU029450.D
 Acq: 14 Feb 2019 12:12

Tgt Ion: 75 Resp: 10040
 Ion Ratio Lower Upper
 75 100
 77 36.5 28.2 42.2

