

Data File : VU032233.D
Acq On : 22 May 2019 19:38
Operator : JC/SP
Sample : K2850-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 23 01:52:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	377709	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	384424	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	153598	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	101133	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.68	69	96036	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.27	63	160800	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.20%
20) 2-Butanone-d5	4.20	46	301704	50.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.84%
24) Chloroform-d	4.64	84	262305	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.31	65	142659	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.33	84	518155	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.33	67	168652	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.56	98	471077	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.85	79	62605	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.31	63	255855	49.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	165783	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	215701	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

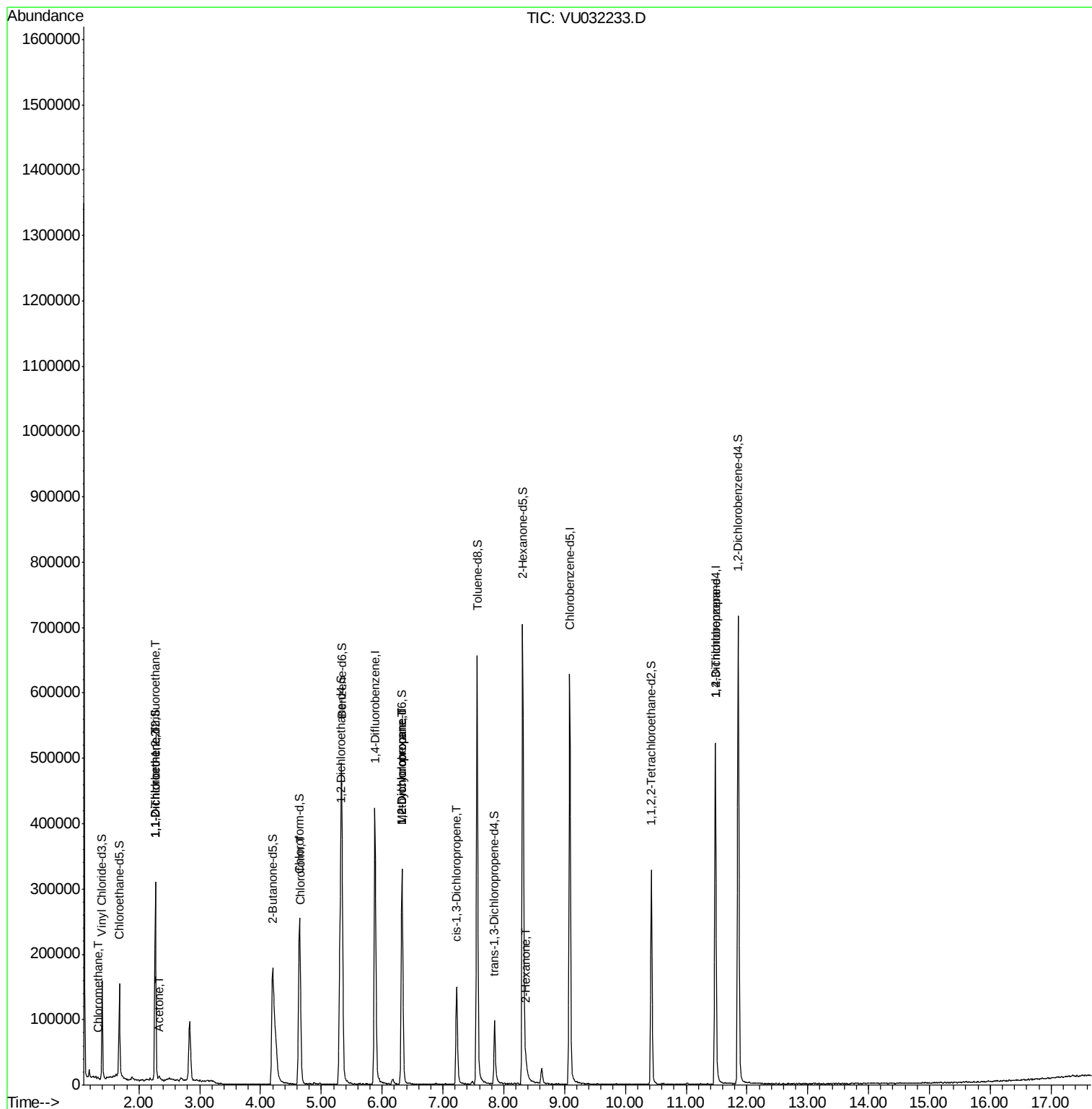
					Qvalue
3) Chloromethane	1.32	50	2329	0.144 ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1962	0.147 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1519	0.113 ug/L #	1
13) Acetone	2.33	43	1870	1.009 ug/L	97
25) Chloroform	4.66	83	3565	0.148 ug/L #	59
35) Methylcyclohexane	6.33	83	43344	2.108 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	17426	1.392 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	4442	0.249 ug/L #	70
48) 2-Hexanone	8.36	43	9894	2.038 ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	15795	1.937 ug/L	96

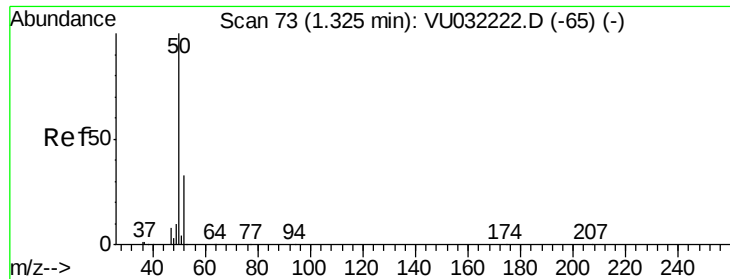
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032233.D
Acq On : 22 May 2019 19:38
Operator : JC/SP
Sample : K2850-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 23 01:52:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.144 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032233.D

Acq: 22 May 2019 19:38

Instrument :

MSVOA_U

ClientSampleId :

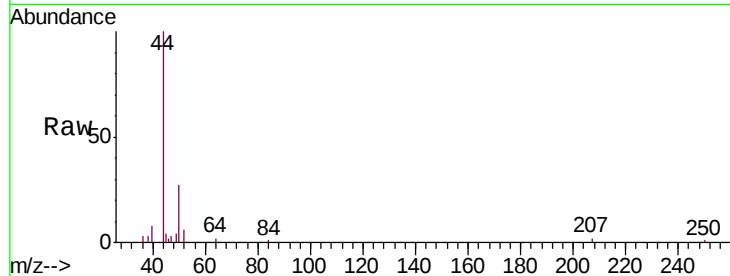
VHBLK01

Tgt Ion: 50 Resp: 2329

Ion Ratio Lower Upper

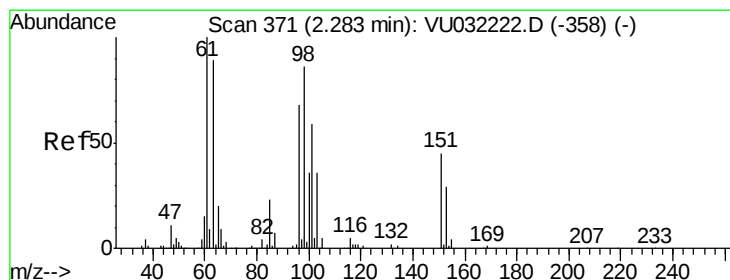
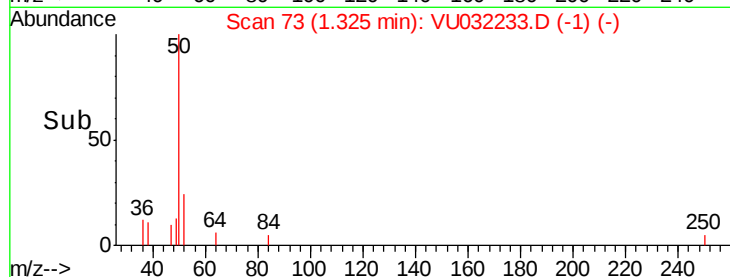
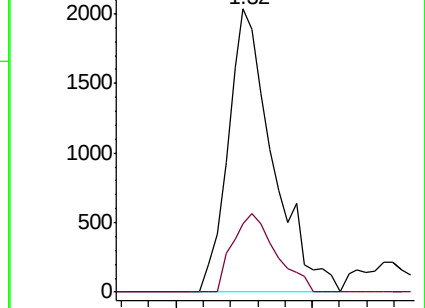
50 100

52 24.3 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU032222.D (-65) (-)

Ion 52.05 (51.75 to 52.75): VU032222.D (-65) (-)



#10

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

Concen: 0.147 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU032233.D

Acq: 22 May 2019 19:38

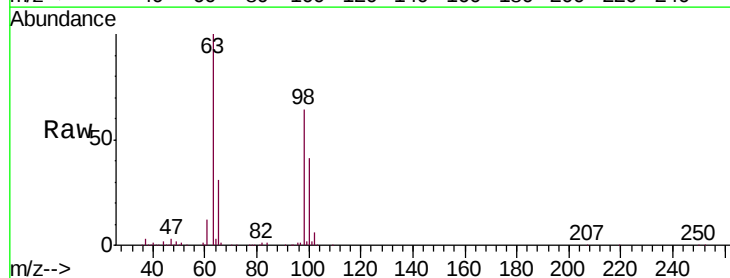
Tgt Ion: 101 Resp: 1962

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.4#

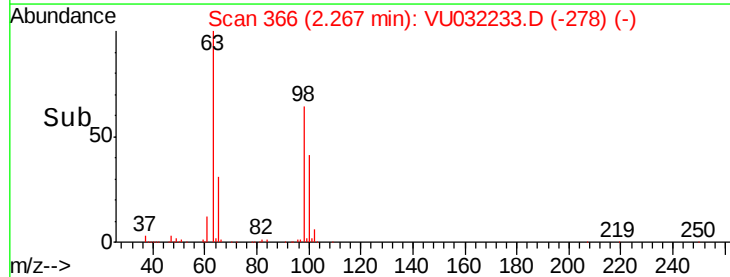
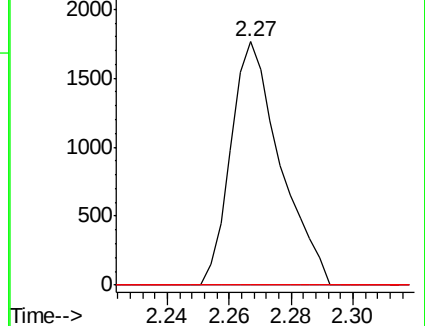
151 0.0 64.4 96.6#

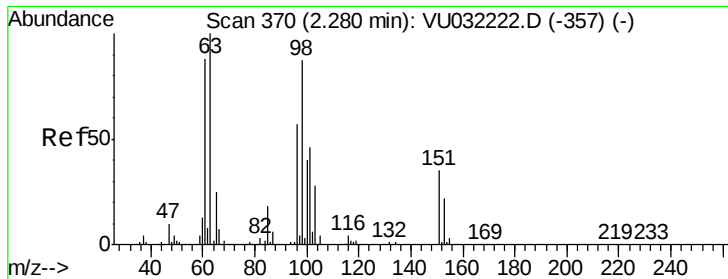


Abundance Ion 101.00 (100.70 to 101.70): VU032222.D (-358) (-)

Ion 85.00 (84.70 to 85.70): VU032222.D (-358) (-)

Ion 151.00 (150.70 to 151.70): VU032222.D (-358) (-)





#12

1,1-Dichloroethene

Concen: 0.113 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032233.D

Acq: 22 May 2019 19:38

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

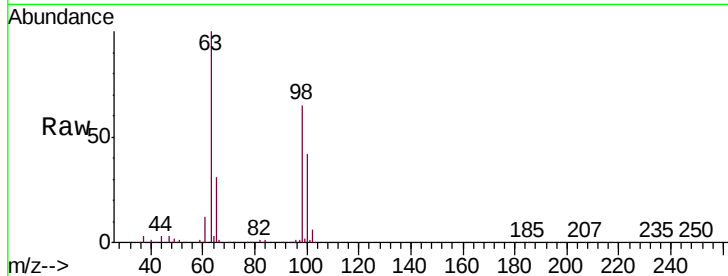
Tgt Ion: 96 Resp: 1519

Ion Ratio Lower Upper

96 100

61 1216.8 113.8 211.3#

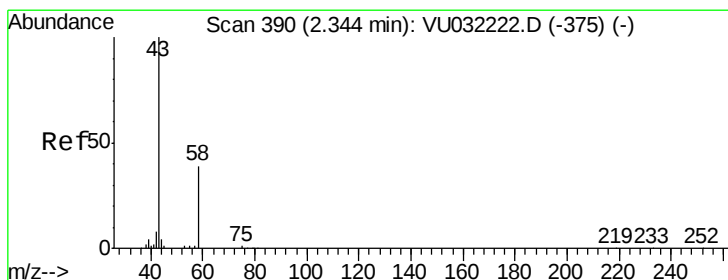
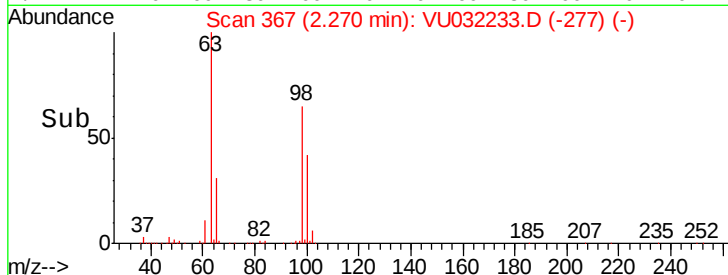
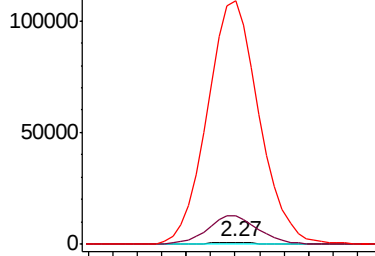
63 10558.3 108.8 202.2#



Abundance Ion 96.00 (95.70 to 96.70): VU032233.D (-277) (-)

Ion 61.05 (60.75 to 61.75): VU032233.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU032233.D (-277) (-)



#13

Acetone

Concen: 1.009 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU032233.D

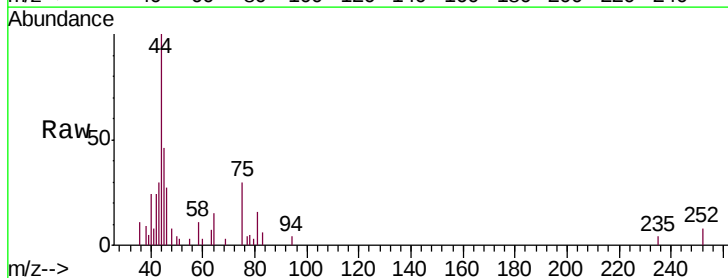
Acq: 22 May 2019 19:38

Tgt Ion: 43 Resp: 1870

Ion Ratio Lower Upper

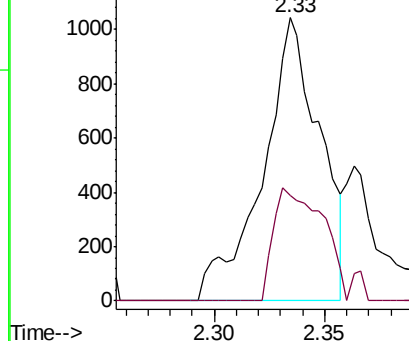
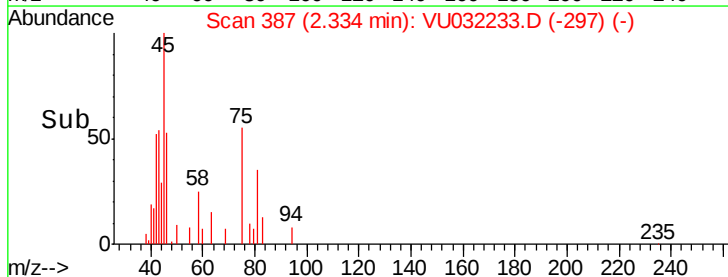
43 100

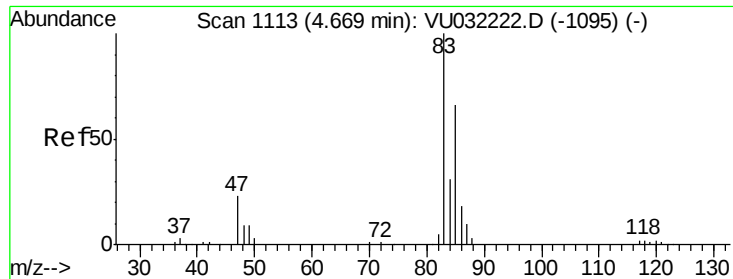
58 34.5 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU032233.D (-297) (-)

Ion 58.05 (57.75 to 58.75): VU032233.D (-297) (-)

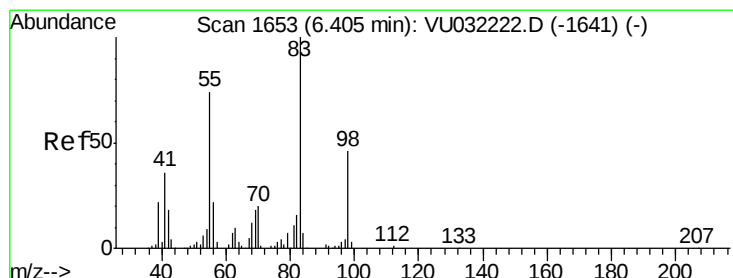
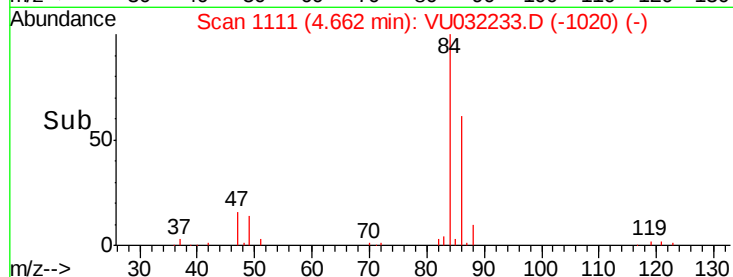
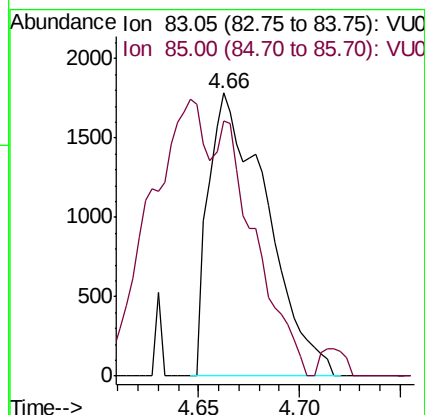
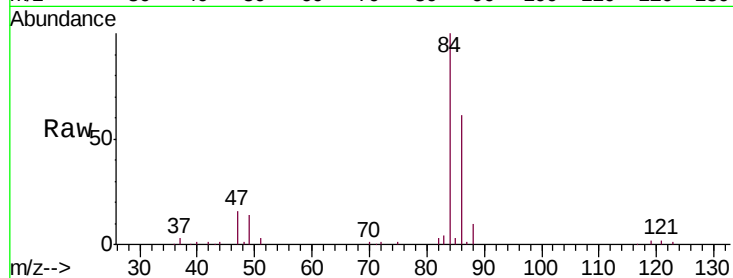




#25
Chloroform
Concen: 0.148 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VU032233.D
Acq: 22 May 2019 19:38

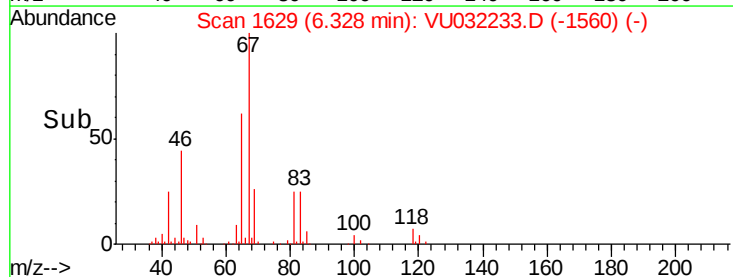
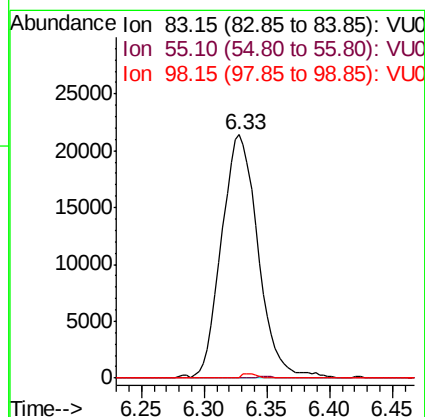
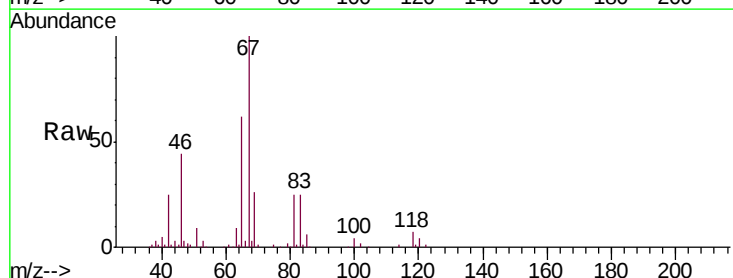
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

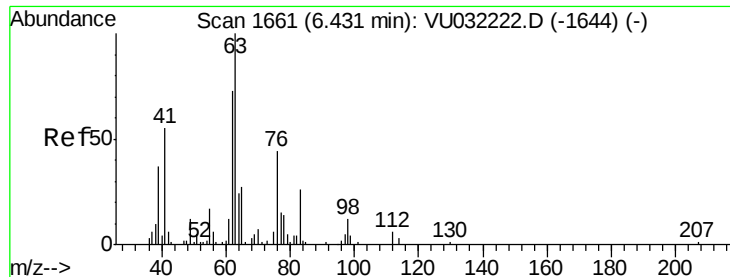
Tgt Ion: 83 Resp: 3565
Ion Ratio Lower Upper
83 100
85 90.0 41.6 77.3#



#35
Methylcyclohexane
Concen: 2.108 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032233.D
Acq: 22 May 2019 19:38

Tgt Ion: 83 Resp: 43344
Ion Ratio Lower Upper
83 100
55 0.3 59.7 89.5#
98 0.7 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 1.392 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.10 min

Lab File: VU032233.D

Acq: 22 May 2019 19:38

Instrument :

MSVOA_U

ClientSampleId :

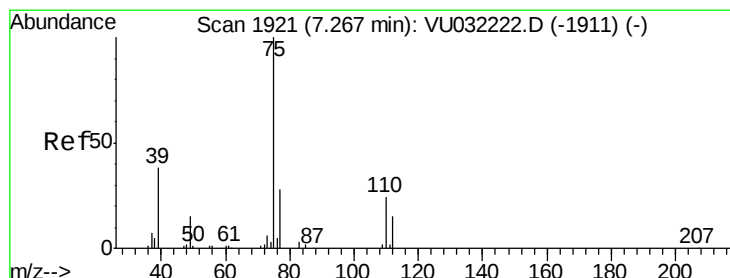
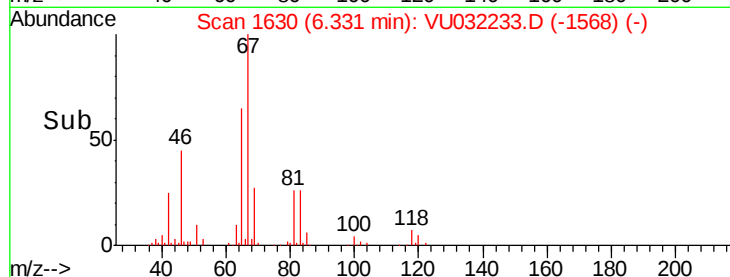
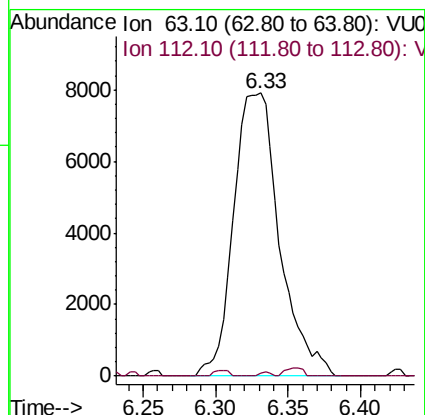
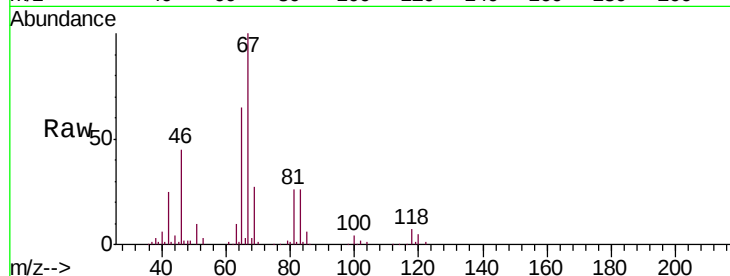
VHBLK01

Tgt Ion: 63 Resp: 17426

Ion Ratio Lower Upper

63 100

112 0.3 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.249 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU032233.D

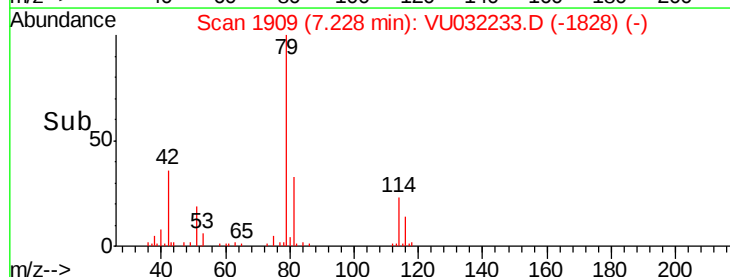
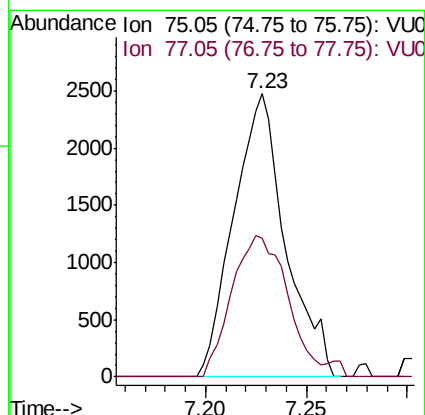
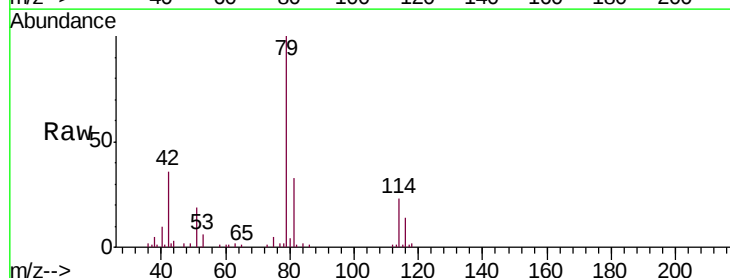
Acq: 22 May 2019 19:38

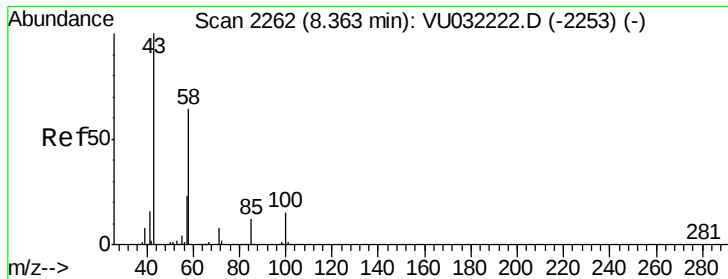
Tgt Ion: 75 Resp: 4442

Ion Ratio Lower Upper

75 100

77 49.1 22.6 42.0#

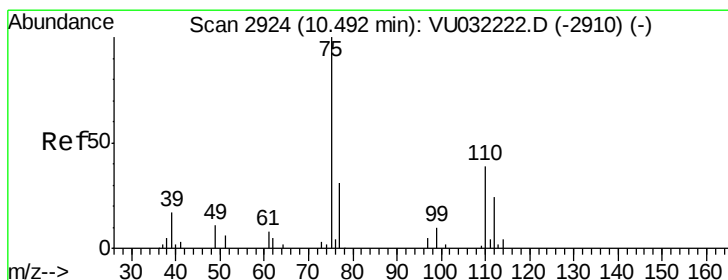
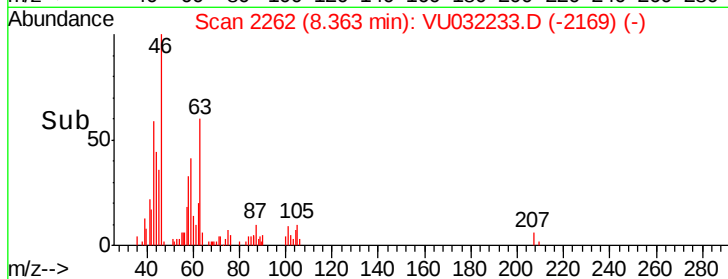
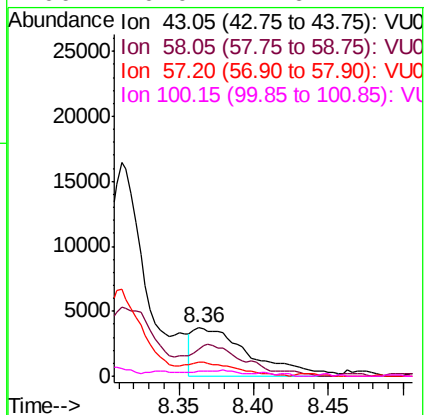
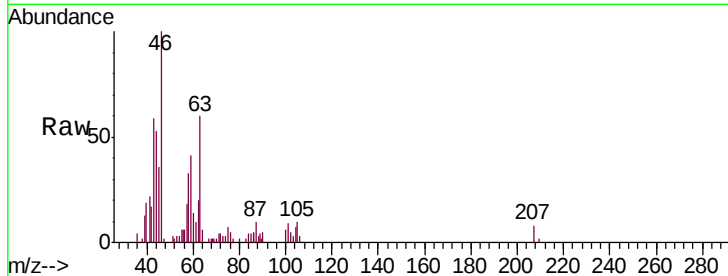




#48
 2-Hexanone
 Concen: 2.038 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VU032233.D
 Acq: 22 May 2019 19:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 9894
 Ion Ratio Lower Upper
 43 100
 58 43.3 49.7 74.5#
 57 25.8 17.1 25.7#
 100 10.0 11.6 17.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.937 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032233.D
 Acq: 22 May 2019 19:38

Tgt Ion: 75 Resp: 15795
 Ion Ratio Lower Upper
 75 100
 77 37.7 28.2 42.4

