

Data File : VU032254.D
Acq On : 23 May 2019 05:08
Operator : JC/SP
Sample : K3001-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: May 23 07:25:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 07:22:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	364779	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	375259	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	151707	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	95346	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.68	69	97649	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.27	63	154303	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.80%
20) 2-Butanone-d5	4.20	46	292552	50.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.26%
24) Chloroform-d	4.64	84	260392	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.31	65	143910	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.33	84	502823	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.33	67	167604	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.56	98	455695	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.85	79	60007	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.31	63	246553	49.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	166196	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	212801	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

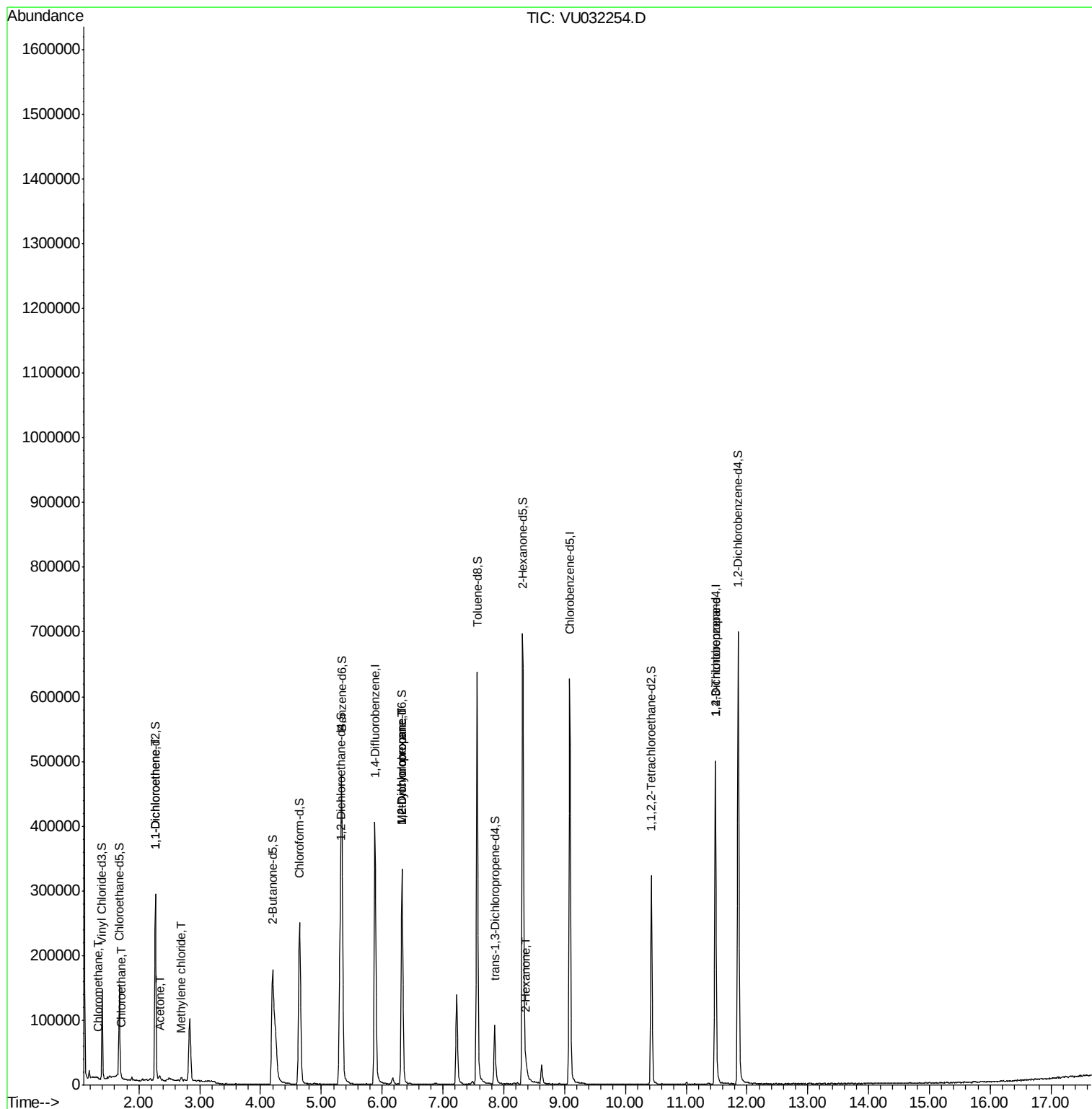
					Qvalue
3) Chloromethane	1.32	50	2273	0.145 ug/L	96
8) Chloroethane	1.71	64	2814	0.281 ug/L #	55
12) 1,1-Dichloroethene	2.27	96	1518	0.117 ug/L #	1
13) Acetone	2.34	43	2215	1.237 ug/L	91
16) Methylene chloride	2.70	84	2067	0.119 ug/L	78
35) Methylcyclohexane	6.32	83	39705	1.979 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	17419	1.425 ug/L #	87
48) 2-Hexanone	8.37	43	7992	1.687 ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	15295	1.922 ug/L	99

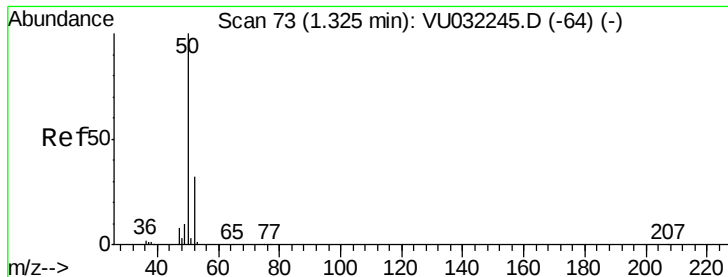
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032254.D
Acq On : 23 May 2019 05:08
Operator : JC/SP
Sample : K3001-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: May 23 07:25:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 07:22:00 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.145 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032254.D

Acq: 23 May 2019 05:08

Instrument :

MSVOA_U

ClientSampleId :

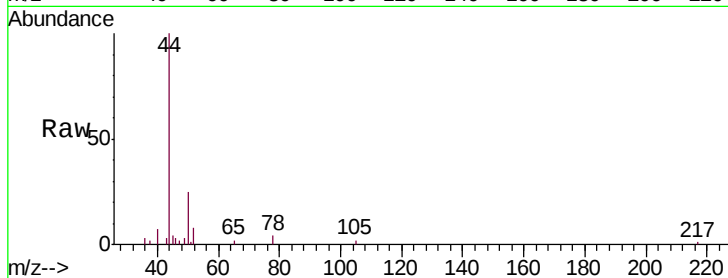
VHBLK02

Tgt Ion: 50 Resp: 2273

Ion Ratio Lower Upper

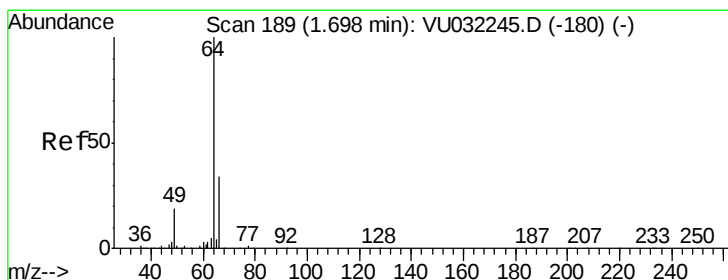
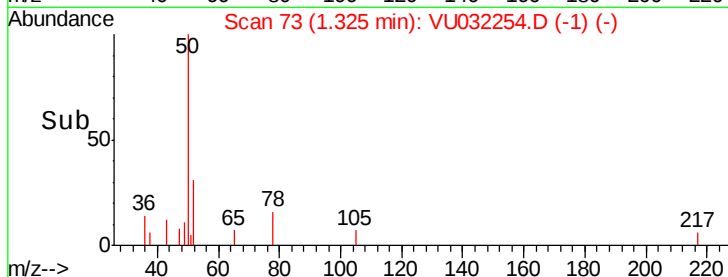
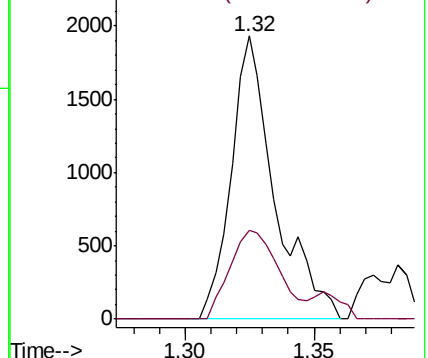
50 100

52 31.2 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU032245.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU032245.D (-64) (-)



#8

Chloroethane

Concen: 0.281 ug/L

RT: 1.71 min Scan# 193

Delta R.T. 0.01 min

Lab File: VU032254.D

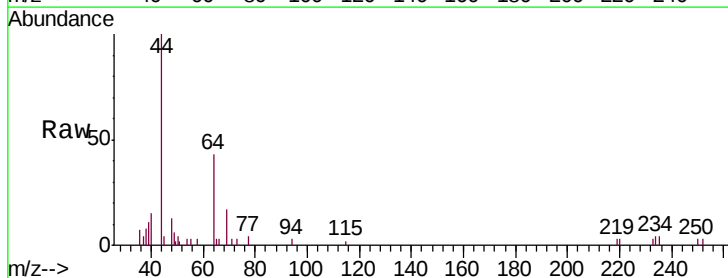
Acq: 23 May 2019 05:08

Tgt Ion: 64 Resp: 2814

Ion Ratio Lower Upper

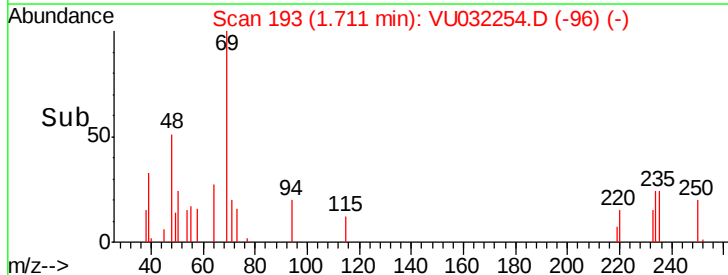
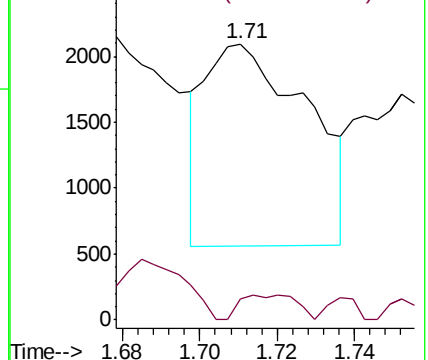
64 100

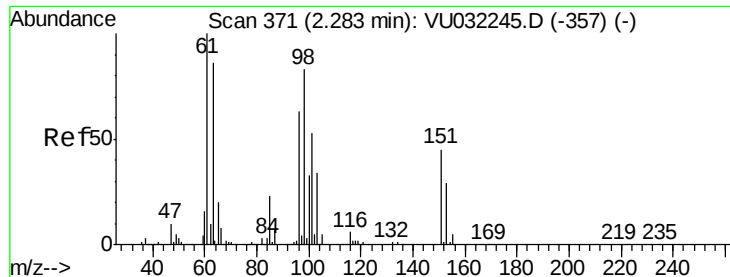
66 7.5 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VU032245.D (-180) (-)

Ion 66.05 (65.75 to 66.75): VU032245.D (-180) (-)





#12

1,1-Dichloroethene

Concen: 0.117 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032254.D

Acq: 23 May 2019 05:08

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

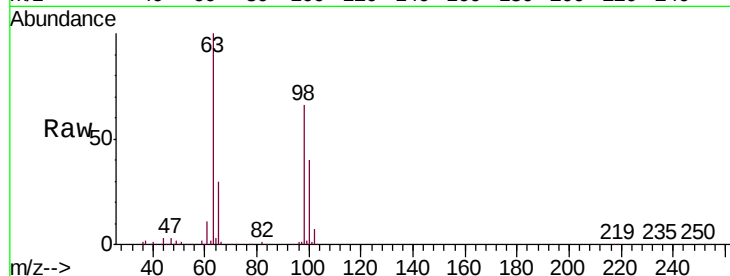
Tgt Ion: 96 Resp: 1518

Ion Ratio Lower Upper

96 100

61 1063.0 113.8 211.3#

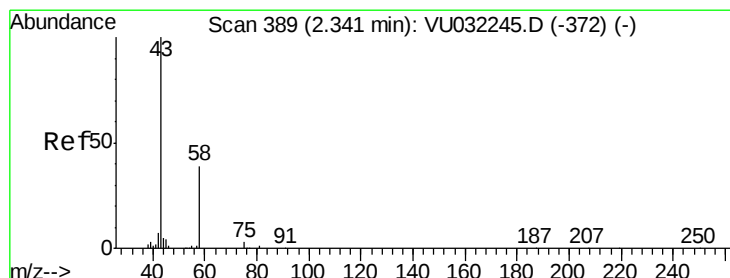
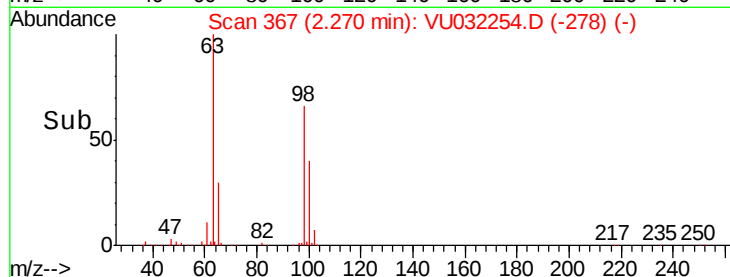
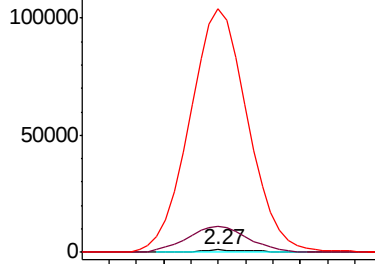
63 9991.2 108.8 202.2#



Abundance Ion 96.00 (95.70 to 96.70): VU032254.D (-367) (-)

Ion 61.05 (60.75 to 61.75): VU032254.D (-367) (-)

Ion 63.00 (62.70 to 63.70): VU032254.D (-367) (-)



#13

Acetone

Concen: 1.237 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU032254.D

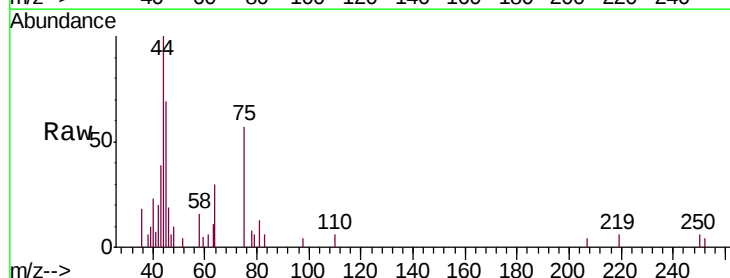
Acq: 23 May 2019 05:08

Tgt Ion: 43 Resp: 2215

Ion Ratio Lower Upper

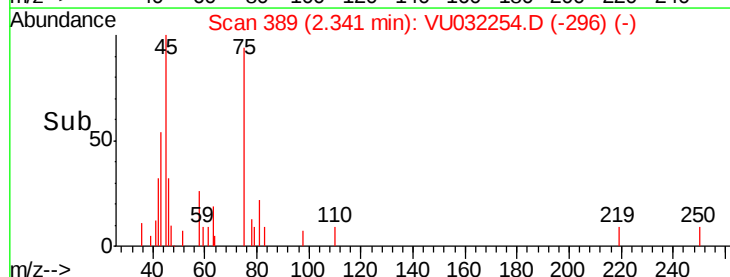
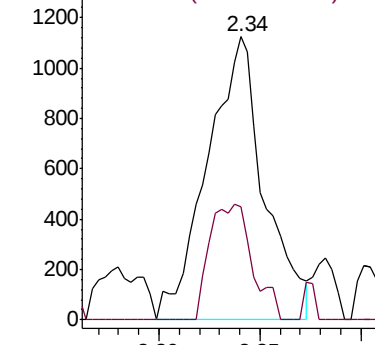
43 100

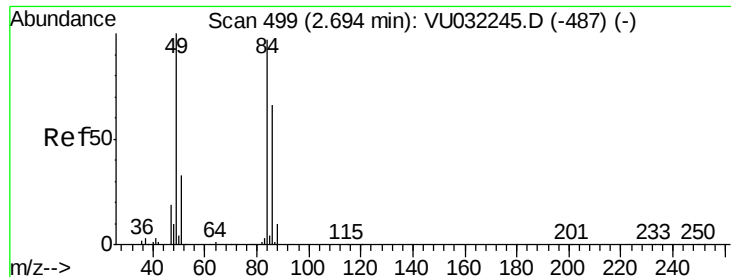
58 30.8 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU032254.D (-389) (-)

Ion 58.05 (57.75 to 58.75): VU032254.D (-389) (-)

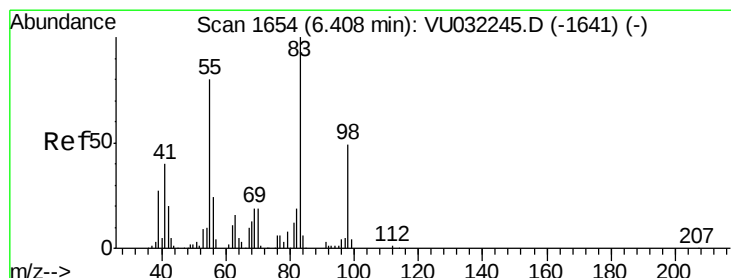
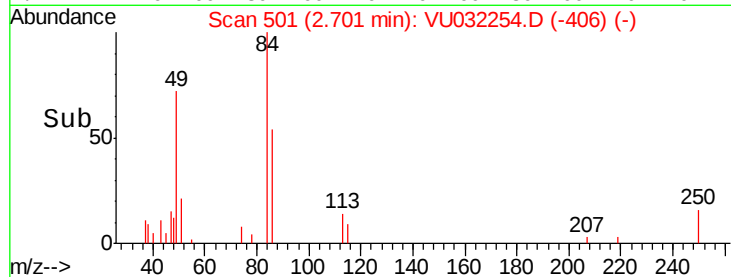
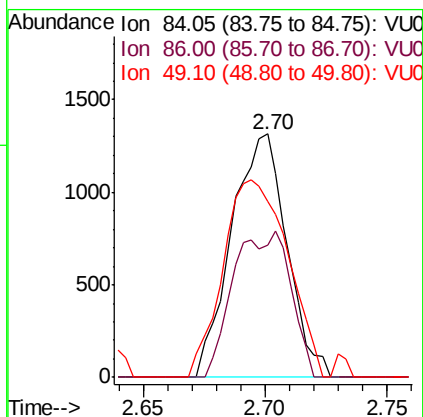
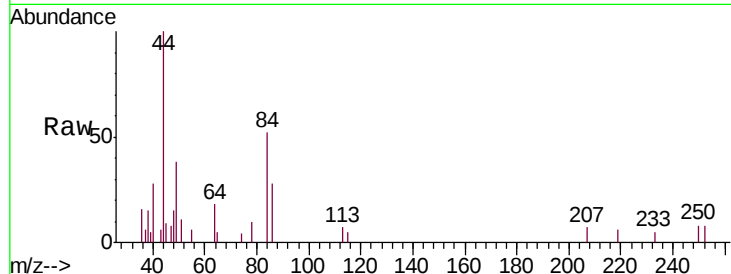




#16
Methylene chloride
Concen: 0.119 ug/L
RT: 2.70 min Scan# 501
Delta R.T. 0.01 min
Lab File: VU032254.D
Acq: 23 May 2019 05:08

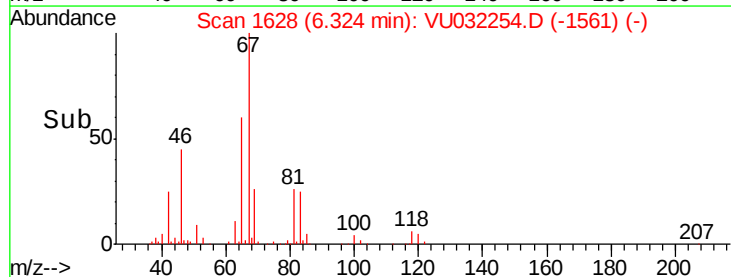
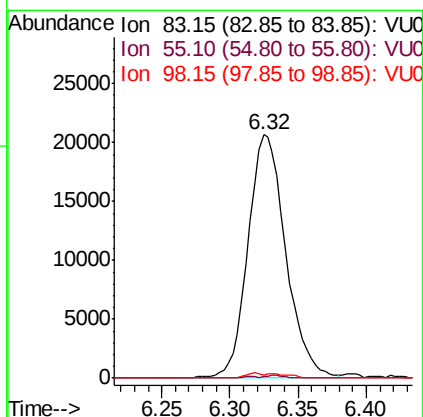
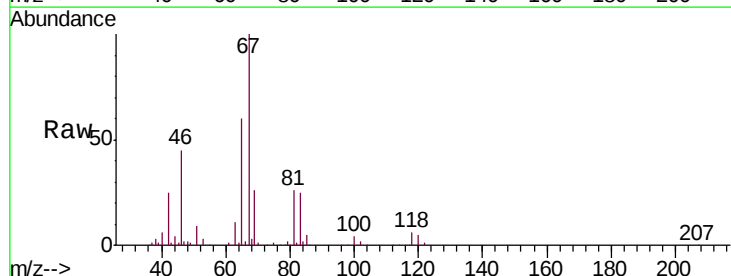
Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

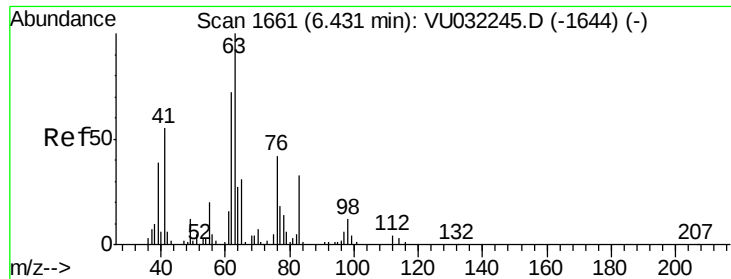
Tgt Ion: 84 Resp: 2067
Ion Ratio Lower Upper
84 100
86 54.1 43.6 81.0
49 72.4 71.1 132.1



#35
Methylcyclohexane
Concen: 1.979 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032254.D
Acq: 23 May 2019 05:08

Tgt Ion: 83 Resp: 39705
Ion Ratio Lower Upper
83 100
55 0.5 59.7 89.5#
98 1.0 37.5 56.3#

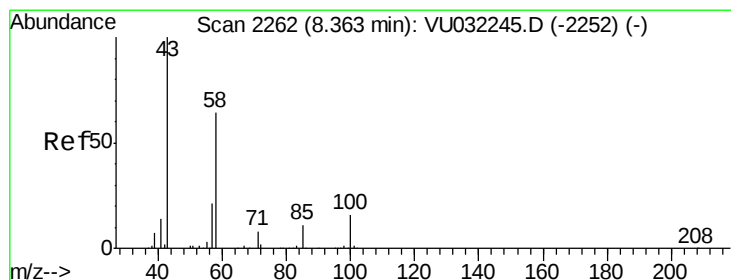
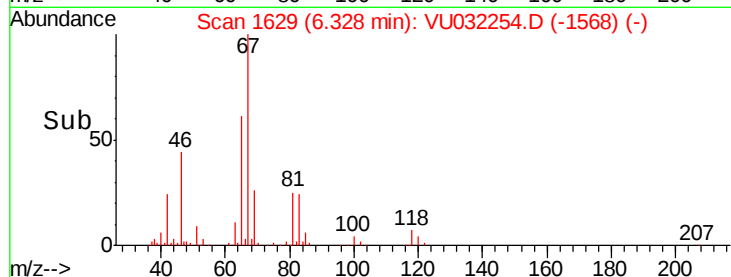
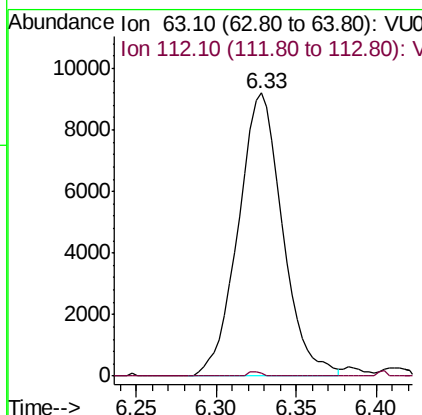
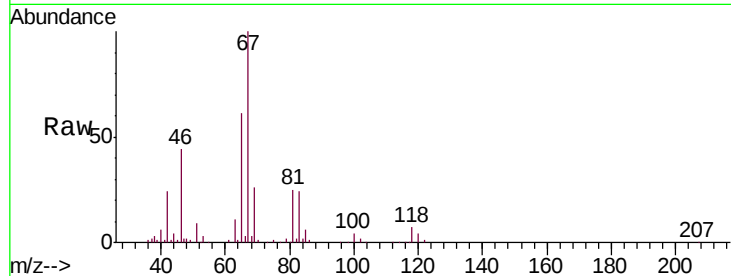




#37
 1,2-Dichloropropane
 Concen: 1.425 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032254.D
 Acq: 23 May 2019 05:08

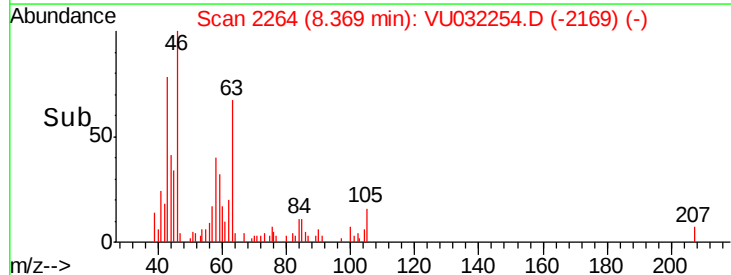
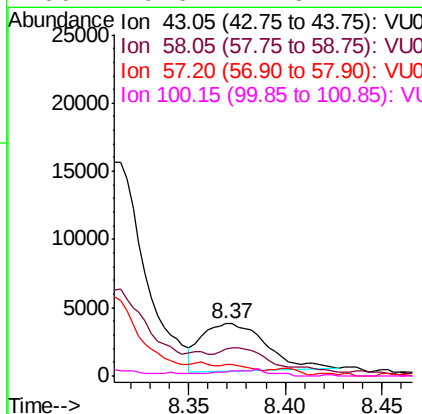
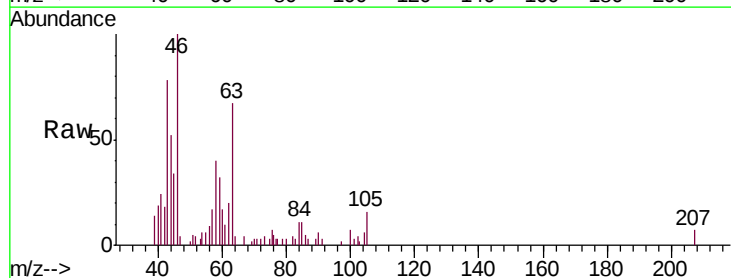
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

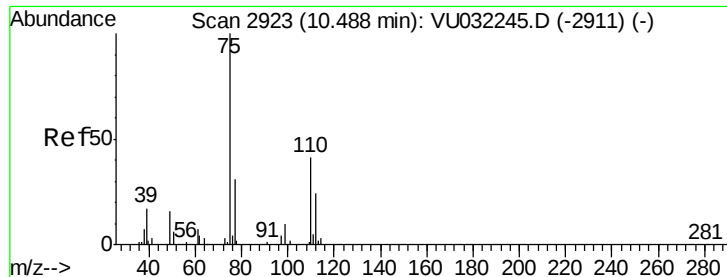
Tgt Ion: 63 Resp: 17419
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.8 5.8#



#48
 2-Hexanone
 Concen: 1.687 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU032254.D
 Acq: 23 May 2019 05:08

Tgt Ion: 43 Resp: 7992
 Ion Ratio Lower Upper
 43 100
 58 28.3 49.7 74.5#
 57 10.8 17.1 25.7#
 100 9.6 11.6 17.4#





#59

1,2,3-Trichloropropane

Concen: 1.922 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032254.D

Acq: 23 May 2019 05:08

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

Tgt Ion: 75 Resp: 15295

Ion Ratio Lower Upper

75 100

77 35.9 28.2 42.4

