

Data File : VU032282.D
Acq On : 23 May 2019 20:43
Operator : JC/SP
Sample : K3001-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: May 24 03:00:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 02:55:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	333789	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	356429	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	140576	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85046	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.68	69	84791	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.27	63	140274	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	4.20	46	280807	53.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.22%
24) Chloroform-d	4.64	84	237459	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.31	65	133287	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.33	84	460072	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.33	67	152568	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.56	98	408901	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.85	79	55232	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.31	63	234881	49.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	160304	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	196018	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

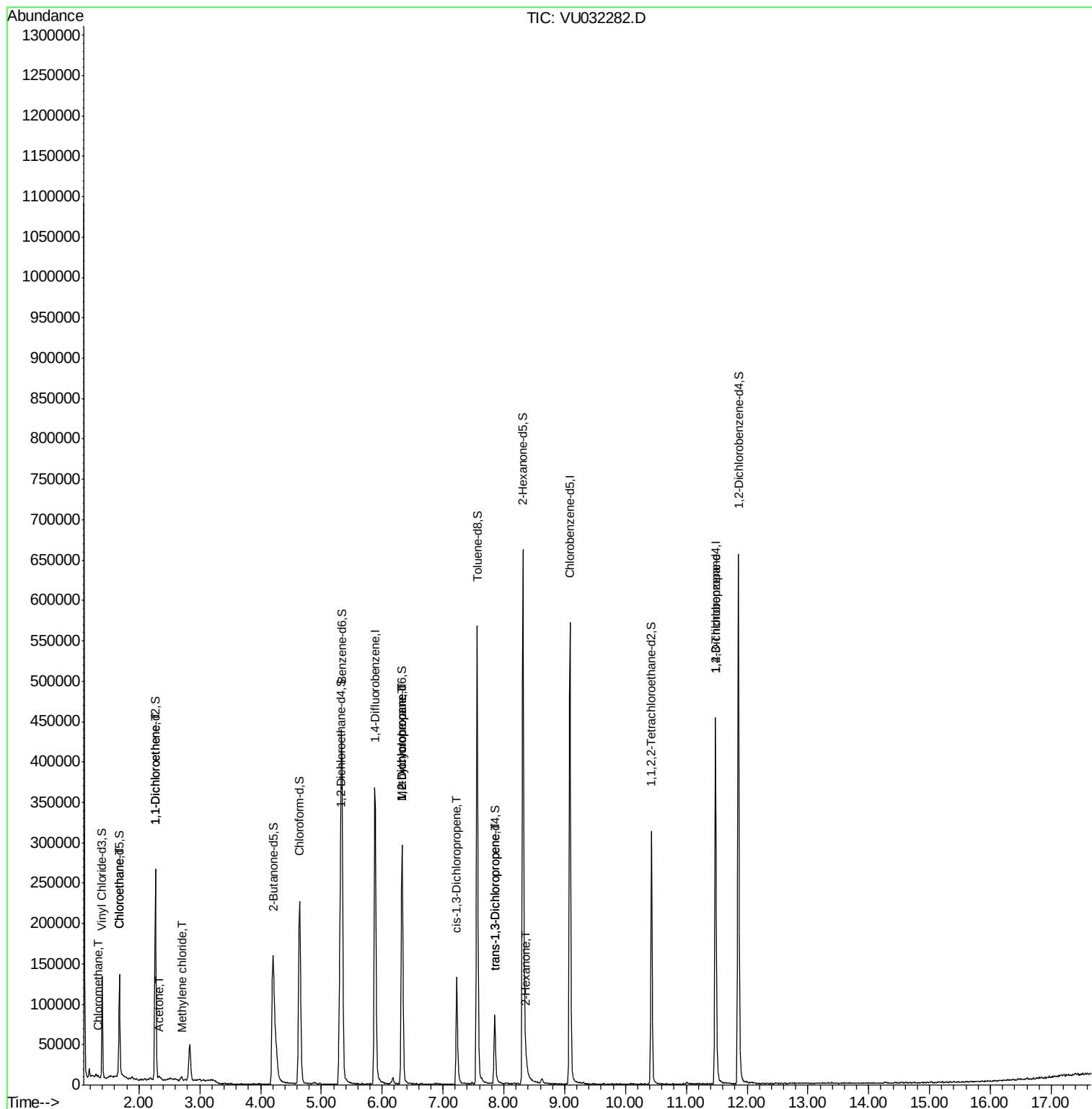
					Qvalue
3) Chloromethane	1.33	50	2264	0.158 ug/L	92
8) Chloroethane	1.67	64	953	0.104 ug/L #	59
12) 1,1-Dichloroethene	2.27	96	1437	0.121 ug/L #	1
13) Acetone	2.34	43	2574	1.571 ug/L	60
16) Methylene chloride	2.69	84	2000	0.126 ug/L	91
35) Methylcyclohexane	6.33	83	38436	2.017 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	15502	1.335 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3383	0.205 ug/L #	43
44) trans-1,3-Dichloropropene	7.85	75	2082	0.160 ug/L #	68
48) 2-Hexanone	8.37	43	9526	2.117 ug/L #	64
59) 1,2,3-Trichloropropane	11.48	75	14147	1.871 ug/L	94

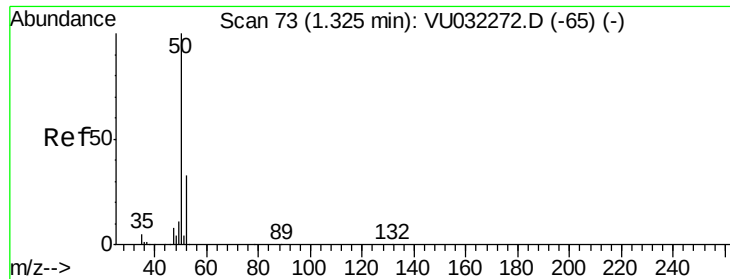
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.158 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032282.D

Acq: 23 May 2019 20:43

Instrument :

MSVOA_U

ClientSampleId :

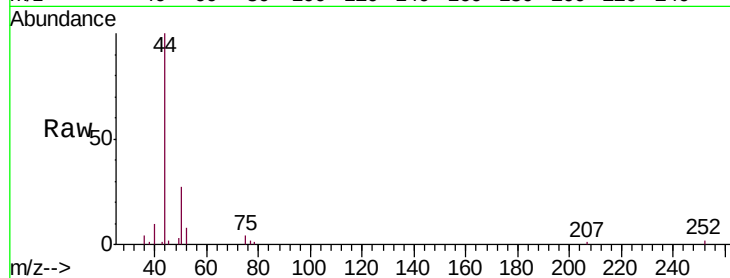
VHBLK02

Tgt Ion: 50 Resp: 2264

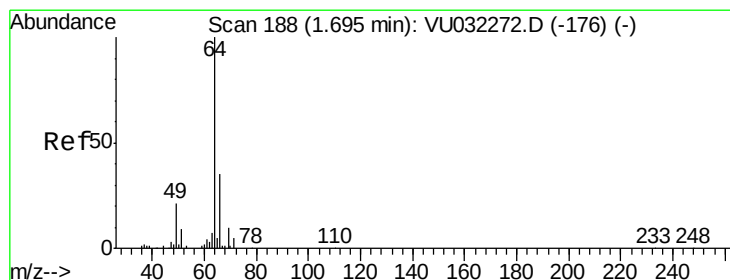
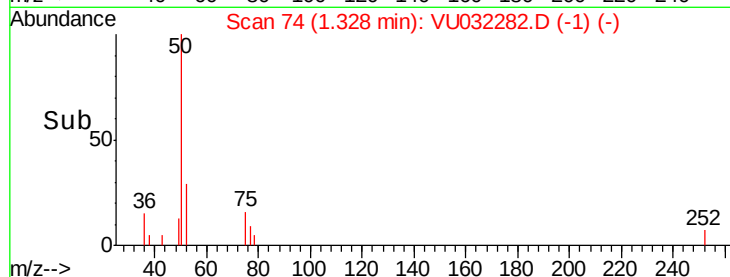
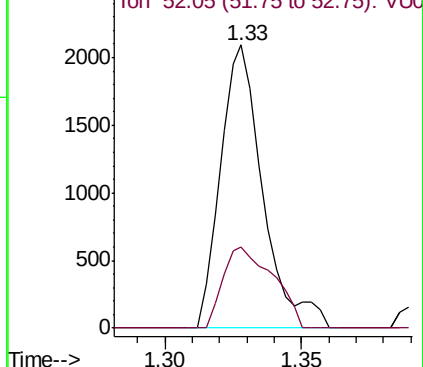
Ion Ratio Lower Upper

50 100

52 28.5 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU032282.D (-1) (-)



#8

Chloroethane

Concen: 0.104 ug/L

RT: 1.67 min Scan# 180

Delta R.T. -0.03 min

Lab File: VU032282.D

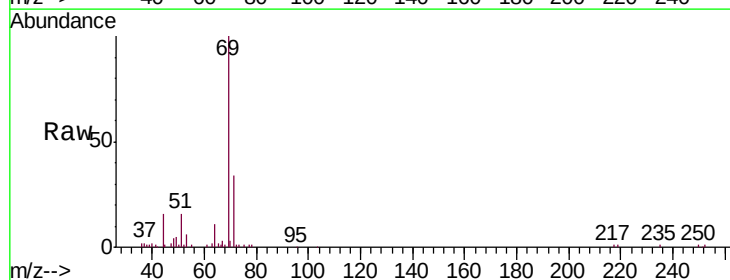
Acq: 23 May 2019 20:43

Tgt Ion: 64 Resp: 953

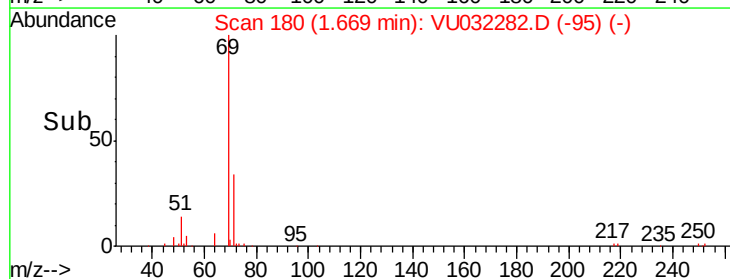
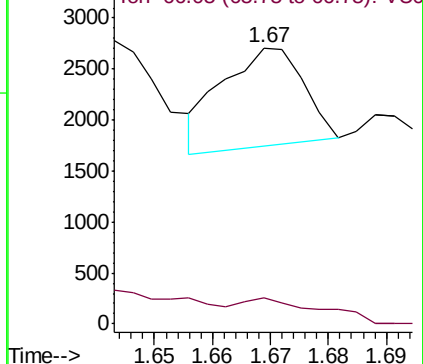
Ion Ratio Lower Upper

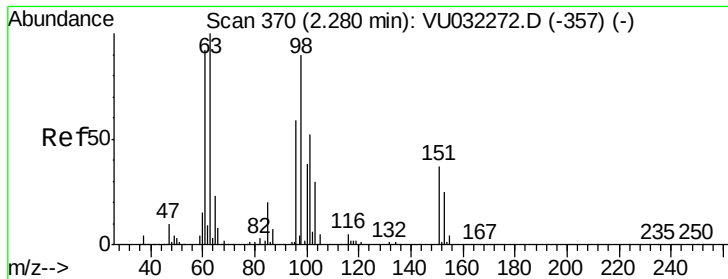
64 100

66 9.6 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VU032282.D (-95) (-)





#12

1,1-Dichloroethene

Concen: 0.121 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032282.D

Acq: 23 May 2019 20:43

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

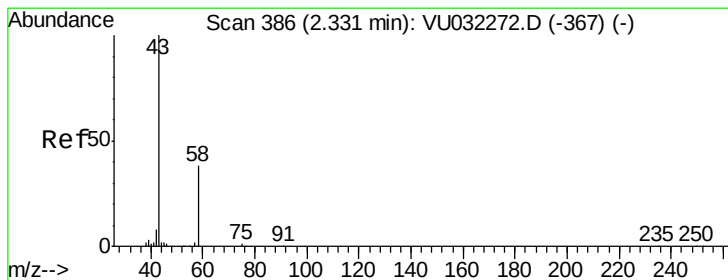
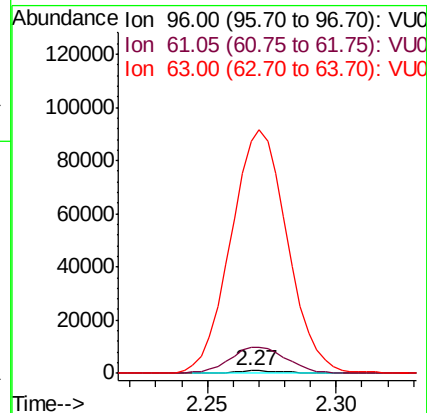
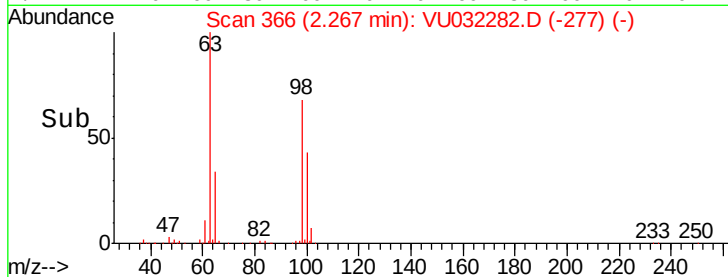
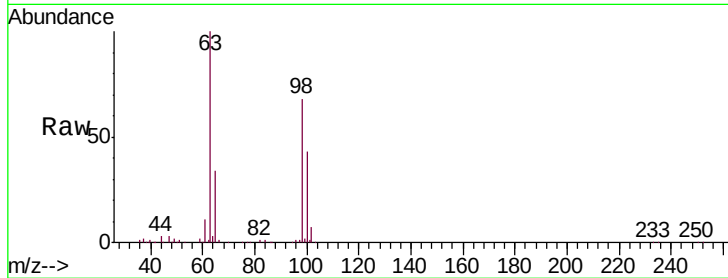
Tgt Ion: 96 Resp: 1437

Ion Ratio Lower Upper

96 100

61 1071.8 113.8 211.3#

63 9458.7 108.8 202.2#



#13

Acetone

Concen: 1.571 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.01 min

Lab File: VU032282.D

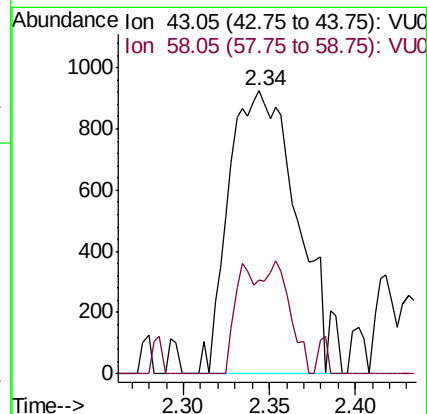
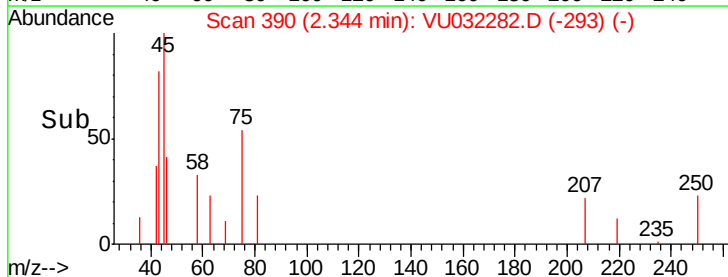
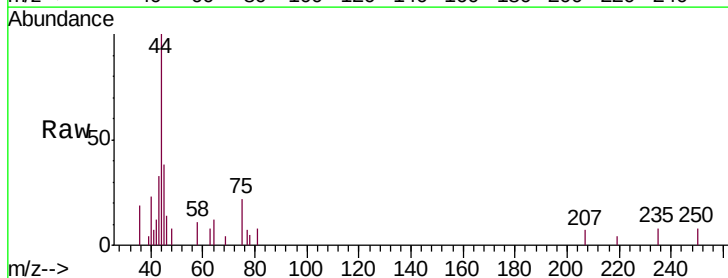
Acq: 23 May 2019 20:43

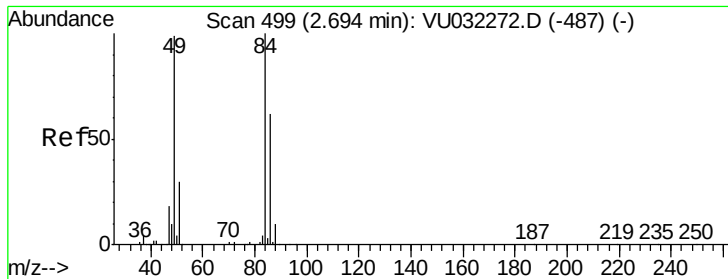
Tgt Ion: 43 Resp: 2574

Ion Ratio Lower Upper

43 100

58 12.5 0.0 72.6

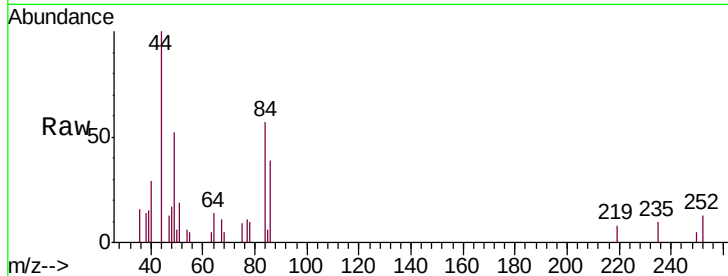




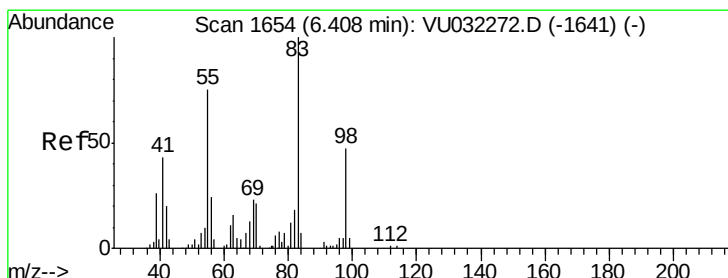
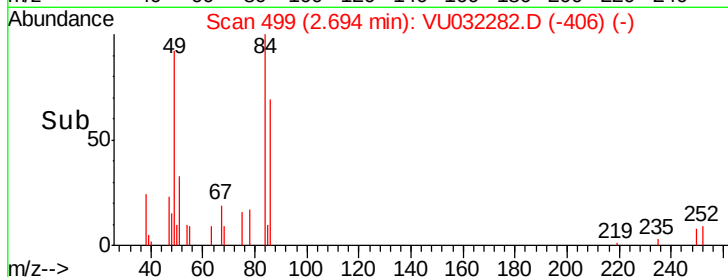
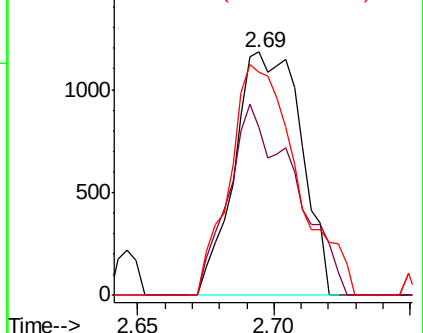
#16
Methylene chloride
Concen: 0.126 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032282.D
Acq: 23 May 2019 20:43

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 84 Resp: 2000
Ion Ratio Lower Upper
84 100
86 68.9 43.6 81.0
49 91.8 71.1 132.1

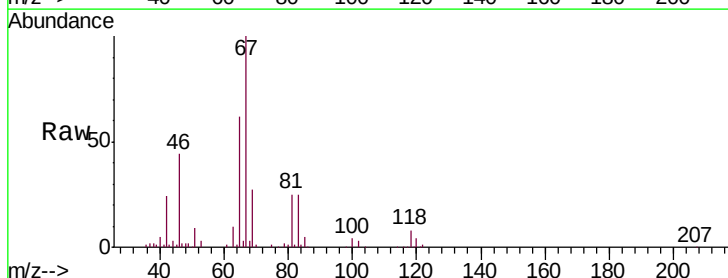


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

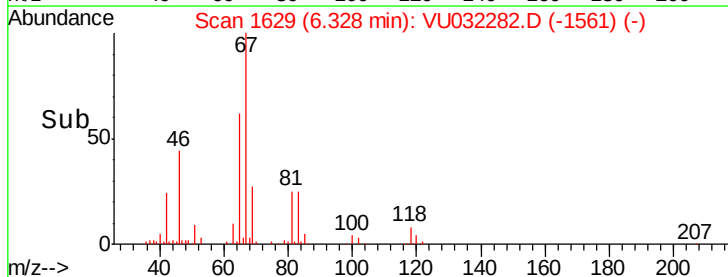
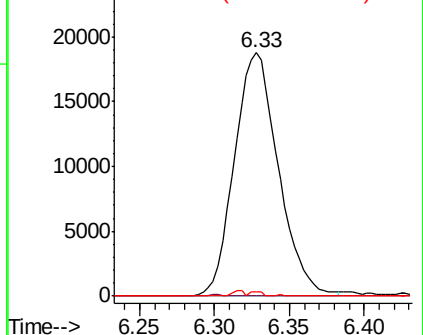


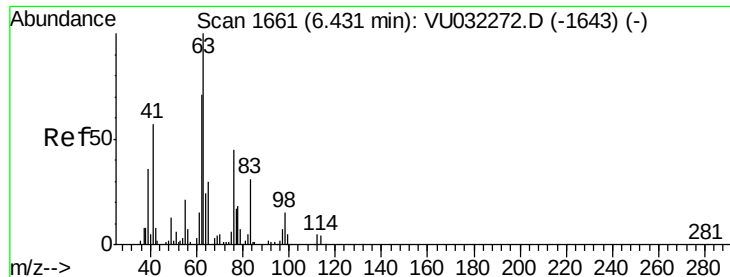
#35
Methylcyclohexane
Concen: 2.017 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032282.D
Acq: 23 May 2019 20:43

Tgt Ion: 83 Resp: 38436
Ion Ratio Lower Upper
83 100
55 0.0 59.7 89.5#
98 0.5 37.5 56.3#



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

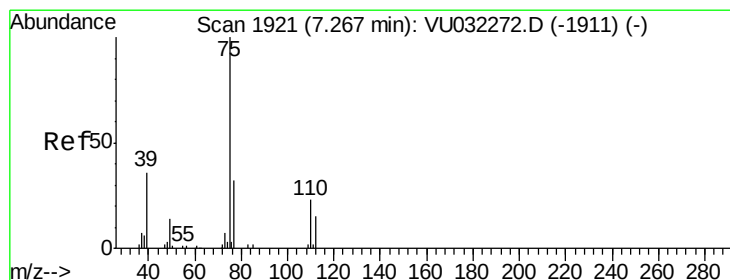
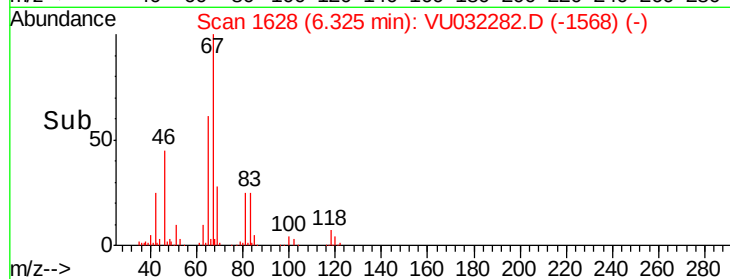
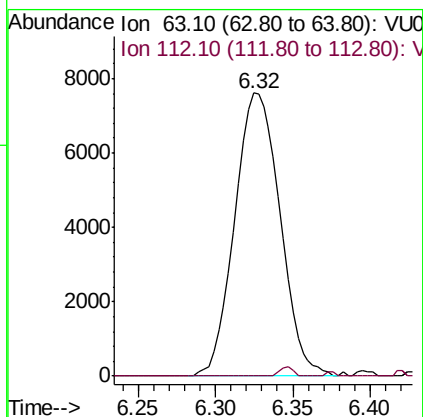
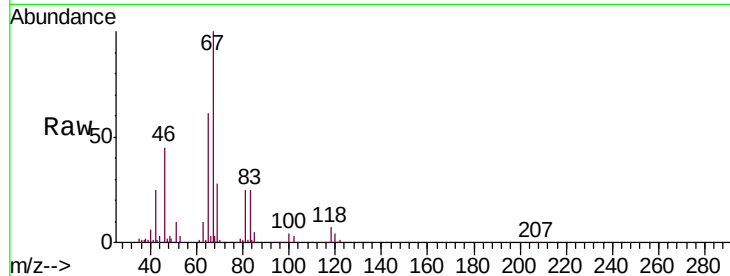




#37
 1,2-Dichloropropane
 Concen: 1.335 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.11 min
 Lab File: VU032282.D
 Acq: 23 May 2019 20:43

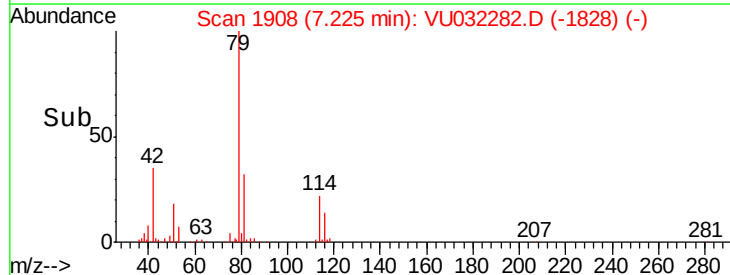
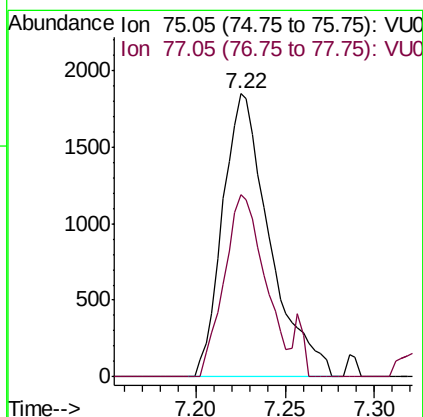
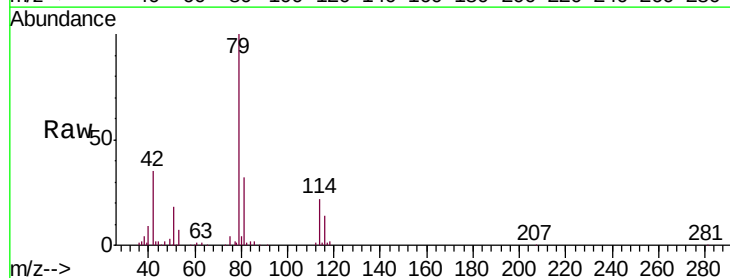
Instrument :
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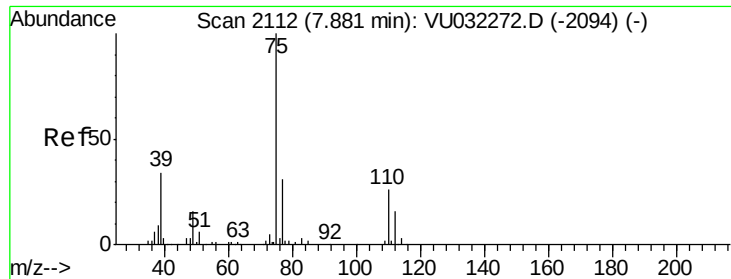
Tgt Ion: 63 Resp: 15502
 Ion Ratio Lower Upper
 63 100
 112 0.9 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.205 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032282.D
 Acq: 23 May 2019 20:43

Tgt Ion: 75 Resp: 3383
 Ion Ratio Lower Upper
 75 100
 77 64.2 22.6 42.0#

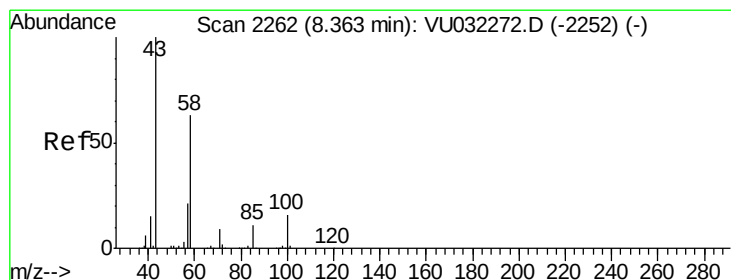
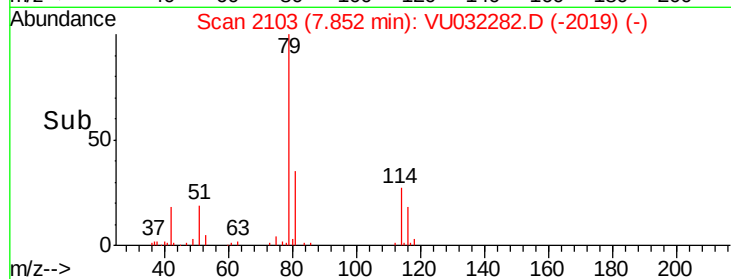
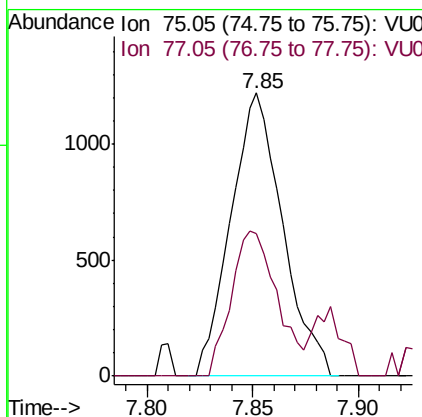
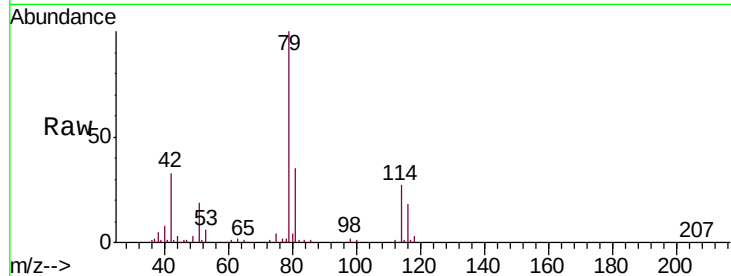




#44
 trans-1,3-Dichloropropene
 Concen: 0.160 ug/L
 RT: 7.85 min Scan# 2103
 Delta R.T. -0.03 min
 Lab File: VU032282.D
 Acq: 23 May 2019 20:43

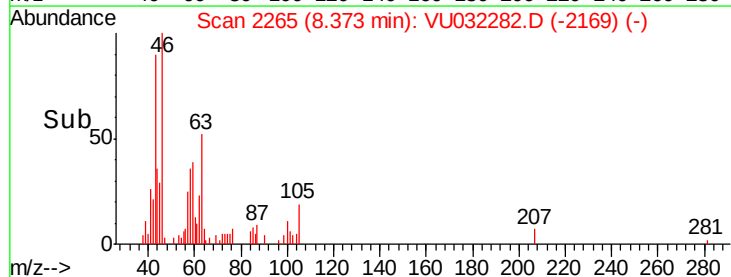
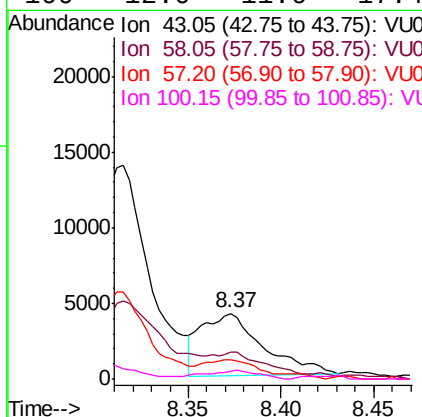
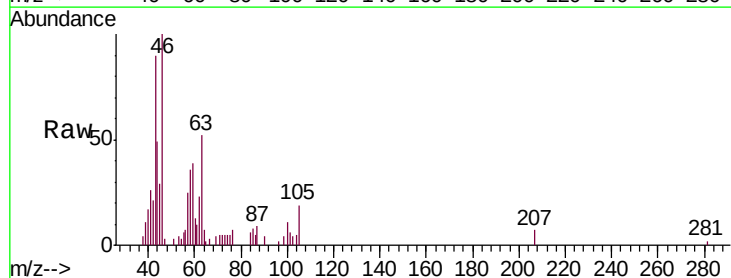
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

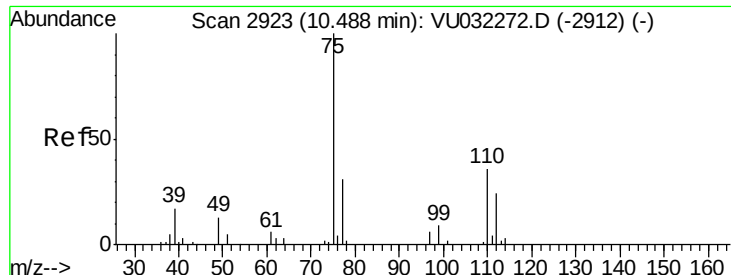
Tgt Ion: 75 Resp: 2082
 Ion Ratio Lower Upper
 75 100
 77 50.2 22.5 41.9#



#48
 2-Hexanone
 Concen: 2.117 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU032282.D
 Acq: 23 May 2019 20:43

Tgt Ion: 43 Resp: 9526
 Ion Ratio Lower Upper
 43 100
 58 22.7 49.7 74.5#
 57 26.1 17.1 25.7#
 100 12.0 11.6 17.4





#59

1,2,3-Trichloropropane

Concen: 1.871 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032282.D

Acq: 23 May 2019 20:43

Instrument :

MSVOA_U

ClientSampleId :

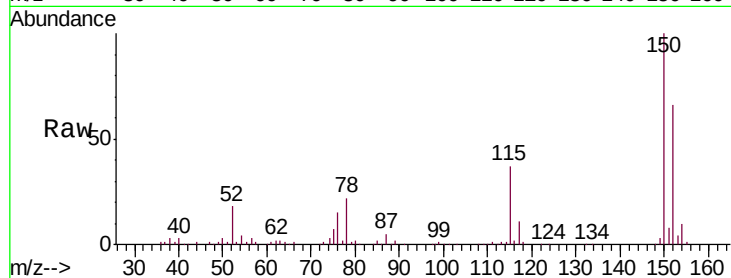
VHBLK02

Tgt Ion: 75 Resp: 14147

Ion Ratio Lower Upper

75 100

77 38.6 28.2 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

