

Data File : VU029532.D
Acq On : 18 Feb 2019 16:08
Operator : JC/SP
Sample : K1494-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Feb 19 00:24:10 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	210546	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	206118	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110037	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	57641	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.68	69	55339	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.27	63	93441	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.19	46	149864	50.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.90%
24) Chloroform-d	4.65	84	91361	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	5.31	65	58535	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.34	84	224981	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.33	67	67779	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.56	98	219047	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.85	79	27537	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.31	63	153913	51.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60603	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	96189	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

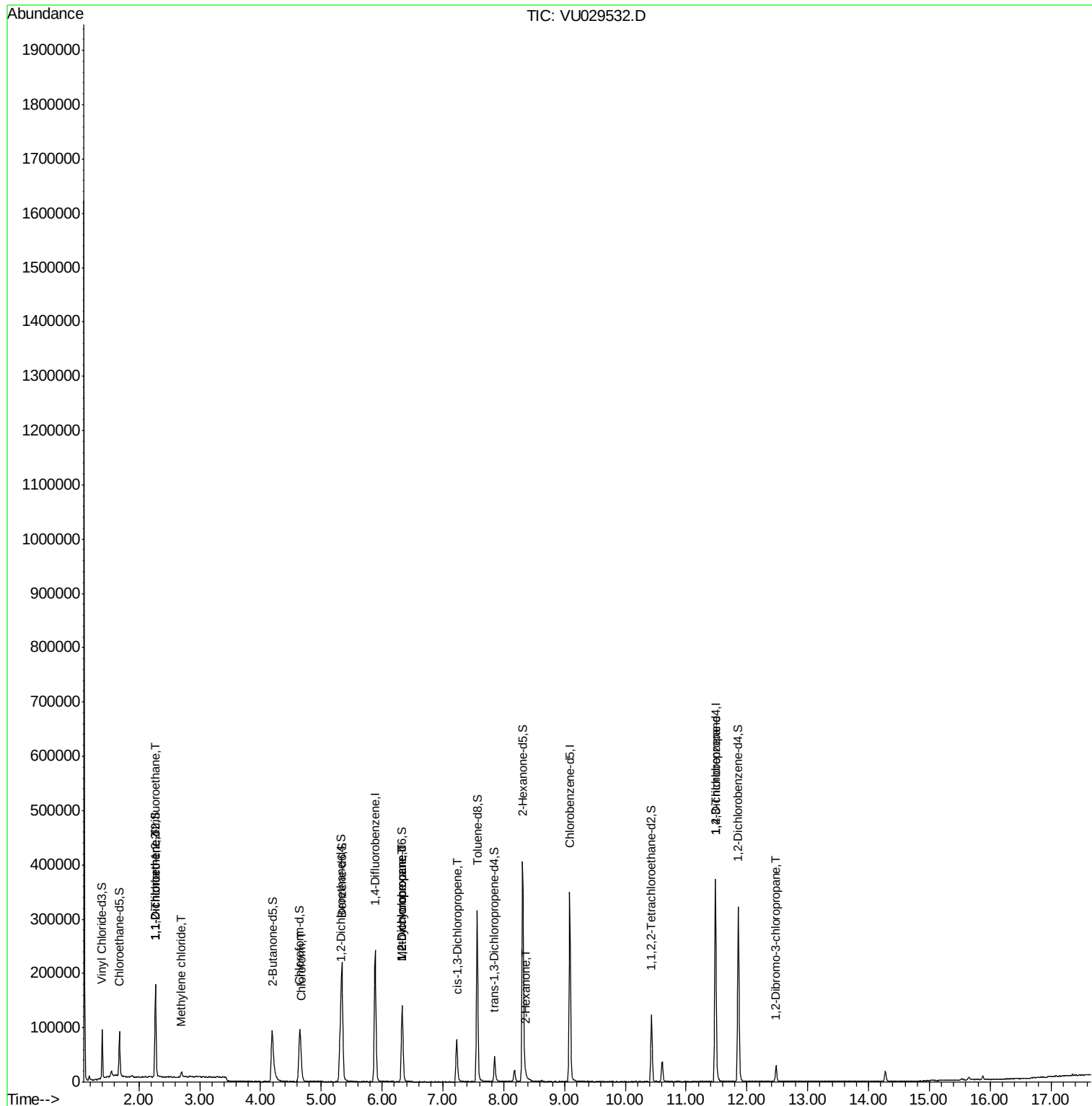
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1191	0.065	ug/L #	16
12) 1,1-Dichloroethene	2.28	96	1102	0.064	ug/L #	1
16) Methylene chloride	2.70	84	4446	0.228	ug/L	96
25) Chloroform	4.67	83	16310	0.586	ug/L	87
35) Methylcyclohexane	6.32	83	16204	0.565	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7918	0.521	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	1905	0.080	ug/L #	55
48) 2-Hexanone	8.36	43	1775	0.278	ug/L #	64
59) 1,2,3-Trichloropropane	11.48	75	11613	1.191	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	913	0.397	ug/L #	1

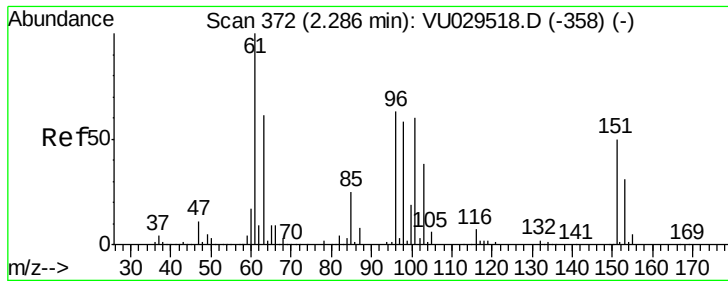
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.065 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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VHBLK01

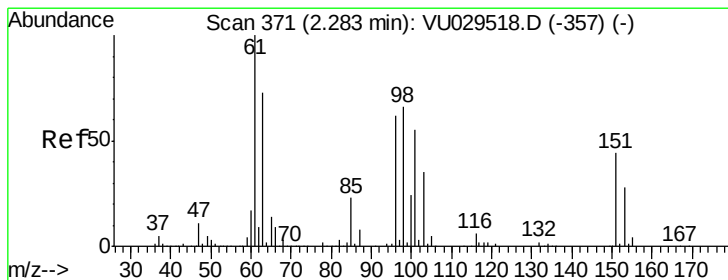
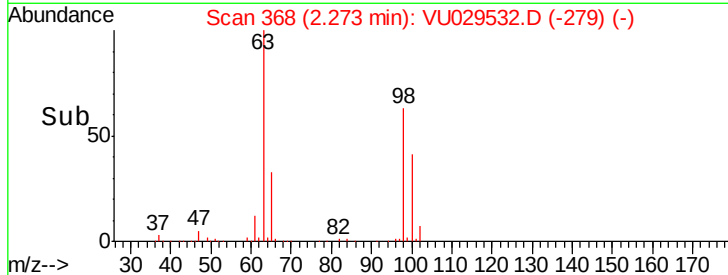
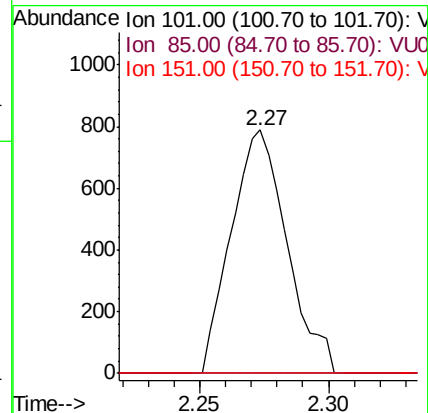
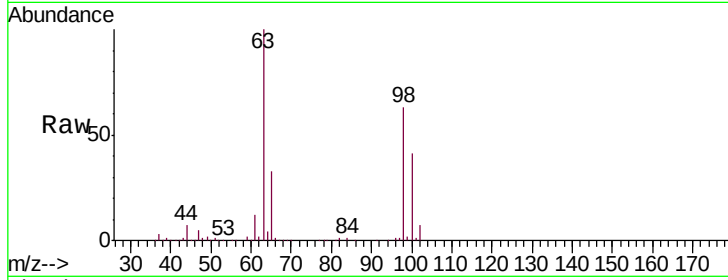
Tgt Ion:101 Resp: 1191

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

151 0.0 67.0 100.6#



#12

1,1-Dichloroethene

Concen: 0.064 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029532.D

Acq: 18 Feb 2019 16:08

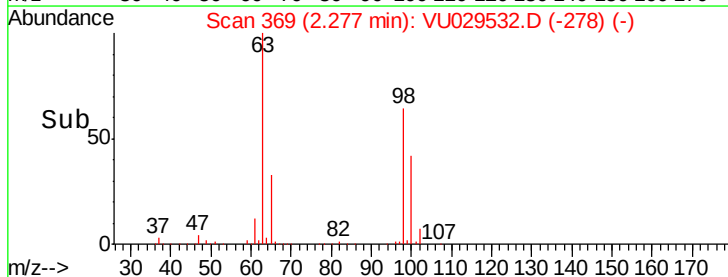
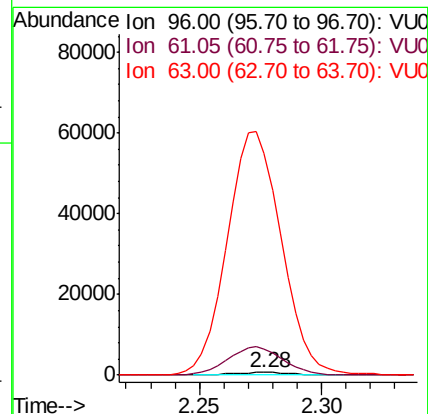
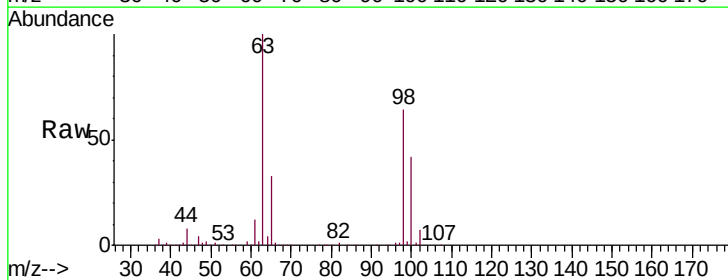
Tgt Ion: 96 Resp: 1102

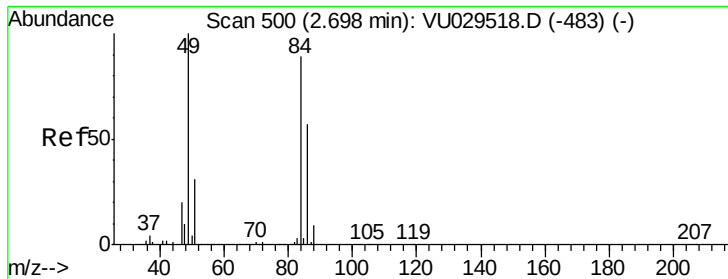
Ion Ratio Lower Upper

96 100

61 956.4 115.1 213.7#

63 8003.5 83.5 155.1#

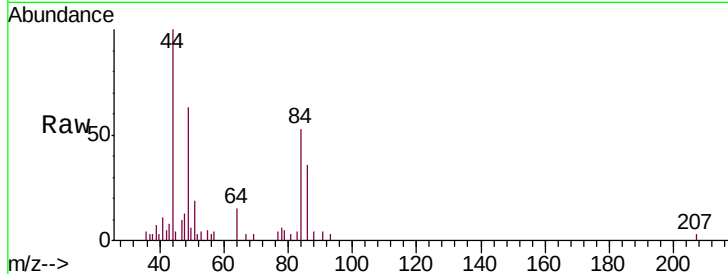




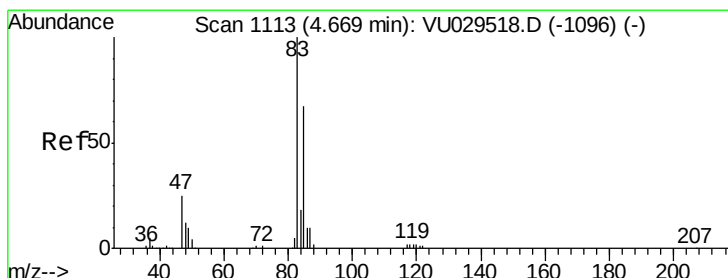
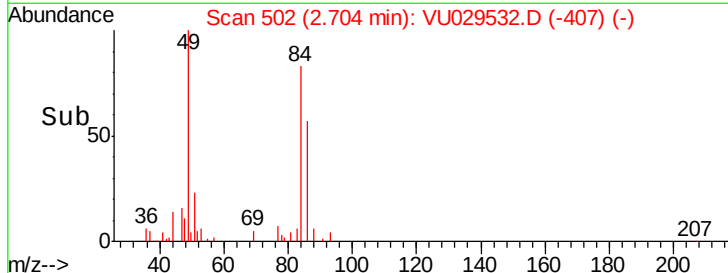
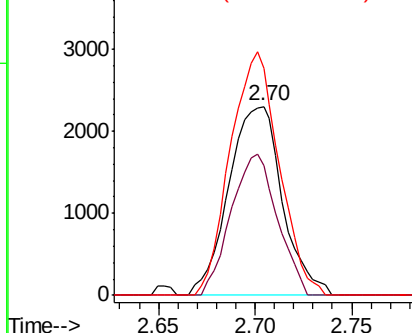
#16
Methylene chloride
Concen: 0.228 ug/L
RT: 2.70 min Scan# 502
Delta R.T. 0.01 min
Lab File: VU029532.D
Acq: 18 Feb 2019 16:08

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 4446
Ion Ratio Lower Upper
84 100
86 68.9 45.1 83.9
49 120.3 81.8 151.8

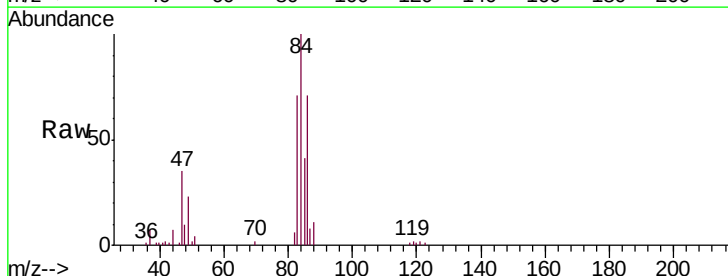


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

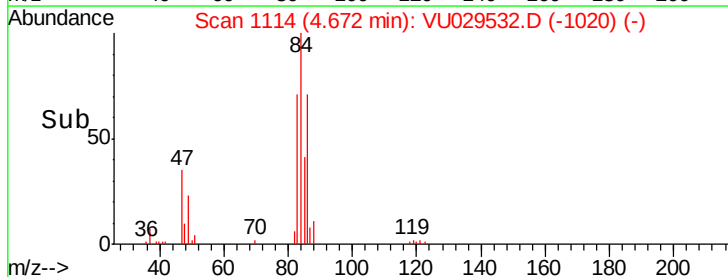
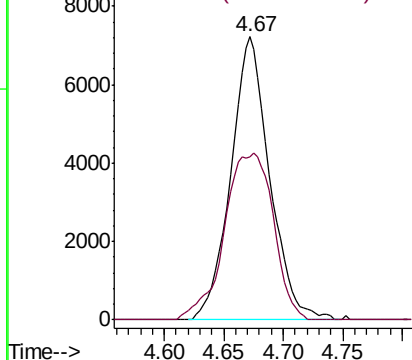


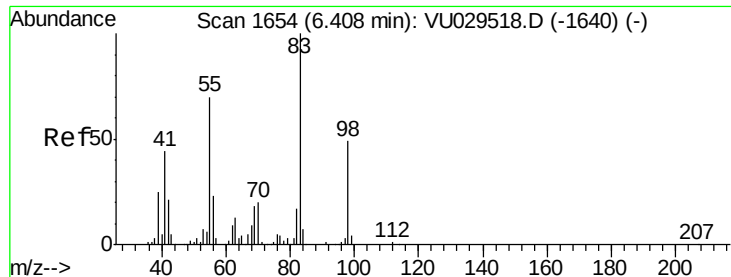
#25
Chloroform
Concen: 0.586 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029532.D
Acq: 18 Feb 2019 16:08

Tgt Ion: 83 Resp: 16310
Ion Ratio Lower Upper
83 100
85 57.8 47.8 88.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

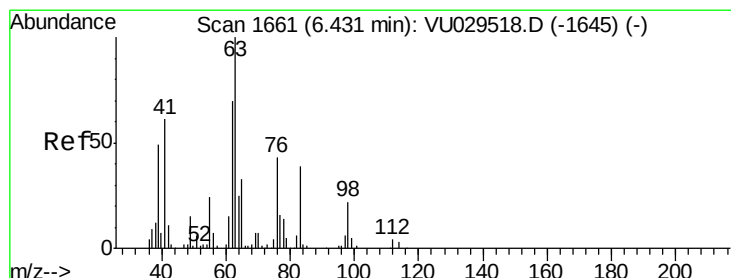
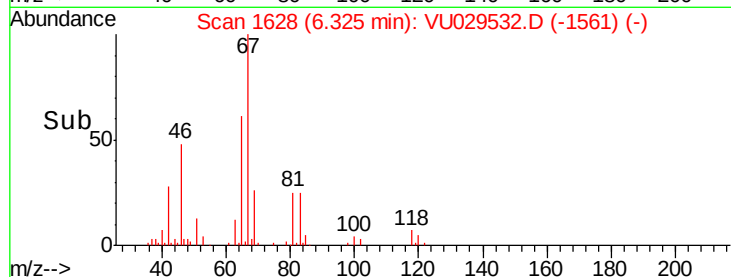
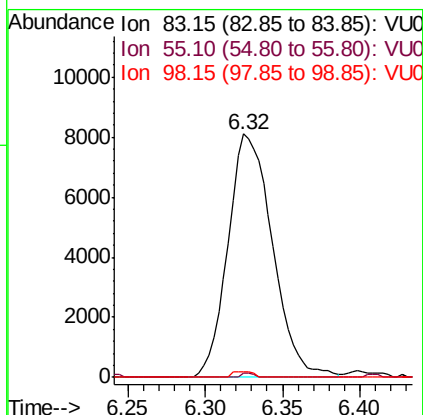
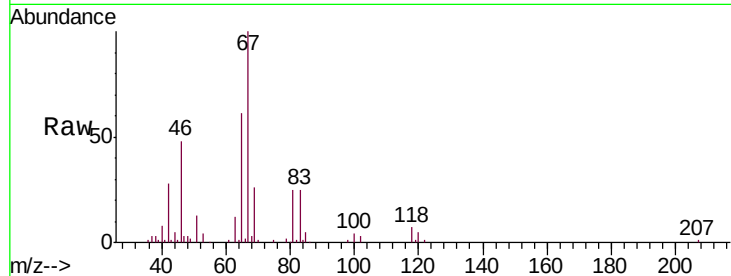




#35
Methylcyclohexane
Concen: 0.565 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU029532.D
Acq: 18 Feb 2019 16:08

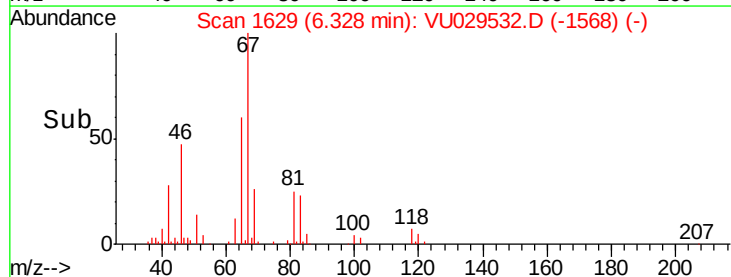
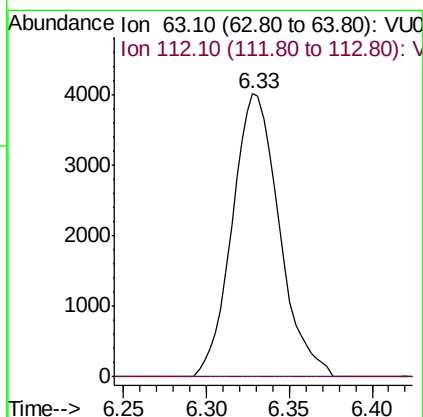
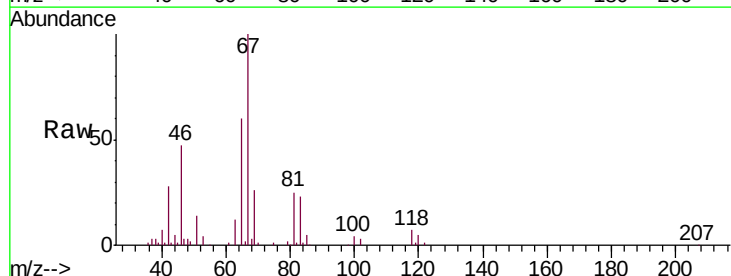
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

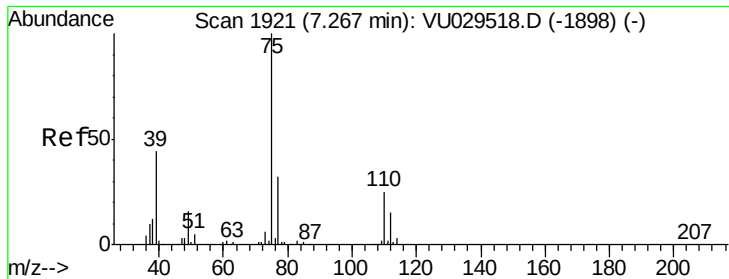
Tgt Ion: 83 Resp: 16204
Ion Ratio Lower Upper
83 100
55 0.5 55.9 83.9#
98 1.0 38.6 57.8#



#37
1,2-Dichloropropane
Concen: 0.521 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029532.D
Acq: 18 Feb 2019 16:08

Tgt Ion: 63 Resp: 7918
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

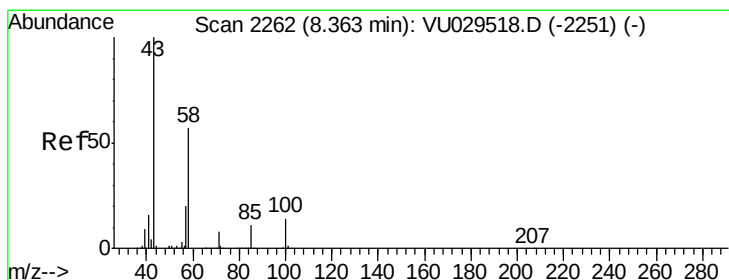
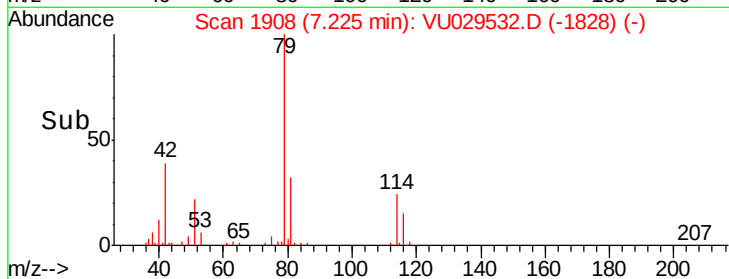
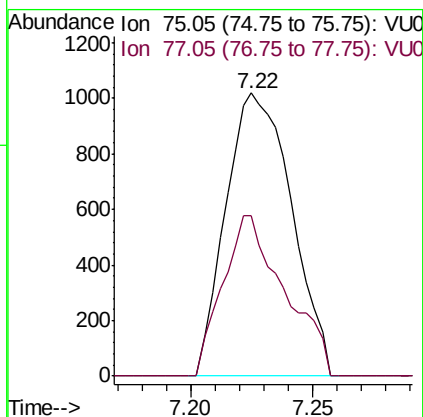
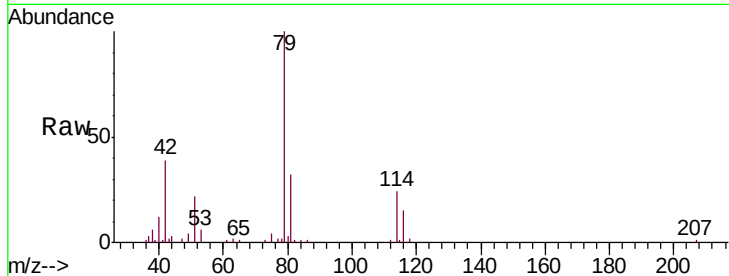




#39
 cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029532.D
 Acq: 18 Feb 2019 16:08

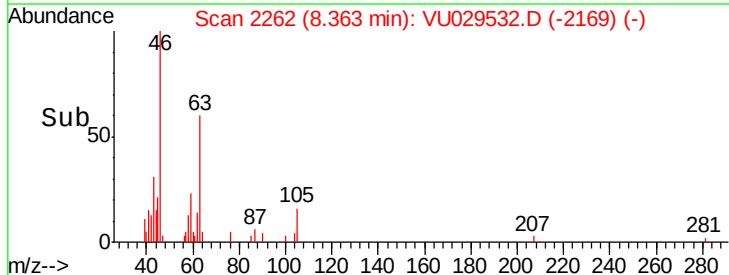
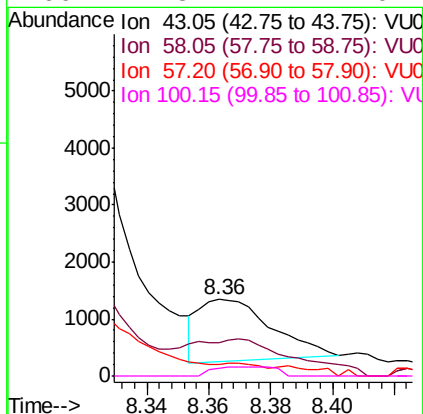
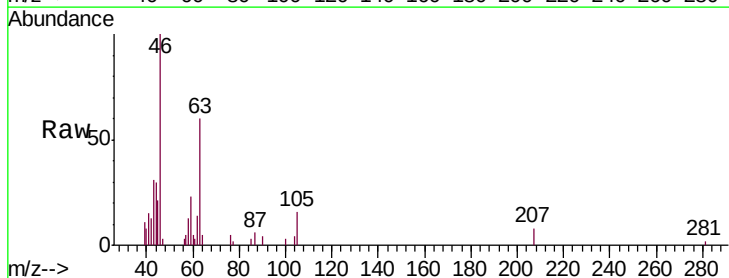
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

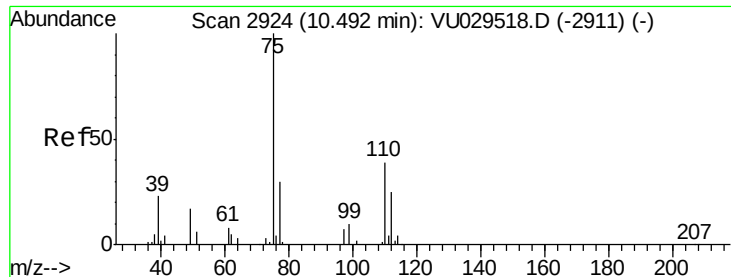
Tgt Ion: 75 Resp: 1905
 Ion Ratio Lower Upper
 75 100
 77 56.8 22.3 41.3#



#48
 2-Hexanone
 Concen: 0.278 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU029532.D
 Acq: 18 Feb 2019 16:08

Tgt Ion: 43 Resp: 1775
 Ion Ratio Lower Upper
 43 100
 58 87.5 45.7 68.5#
 57 0.0 16.4 24.6#
 100 12.3 11.1 16.7





#59

1,2,3-Trichloropropane

Concen: 1.191 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029532.D

Acq: 18 Feb 2019 16:08

Instrument :

MSVOA_U

ClientSampleId :

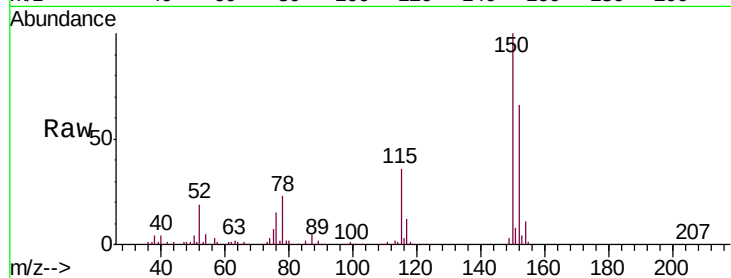
VHBLK01

Tgt Ion: 75 Resp: 11613

Ion Ratio Lower Upper

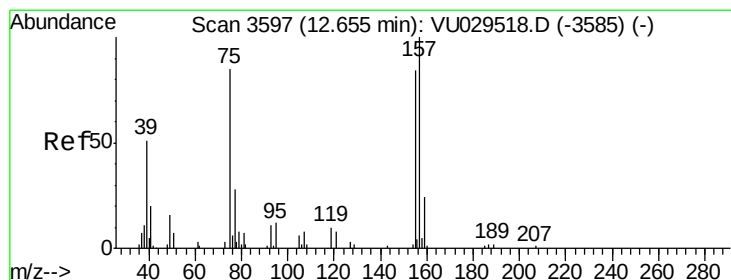
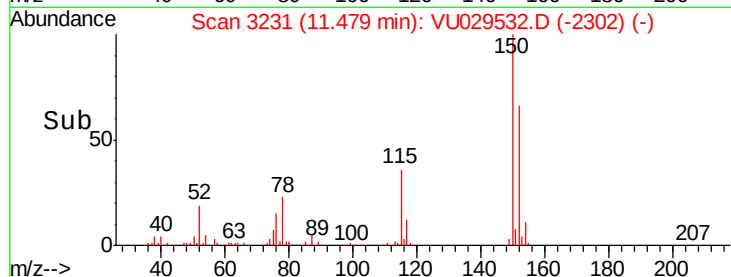
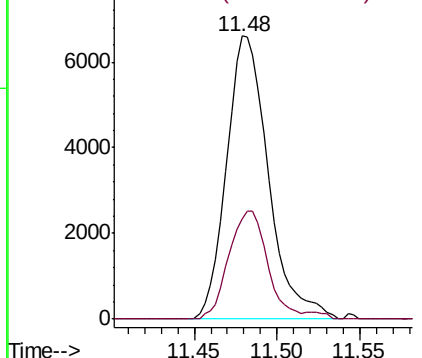
75 100

77 35.0 28.2 42.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#66

1,2-Dibromo-3-chloropropane

Concen: 0.397 ug/L

RT: 12.48 min Scan# 3542

Delta R.T. -0.18 min

Lab File: VU029532.D

Acq: 18 Feb 2019 16:08

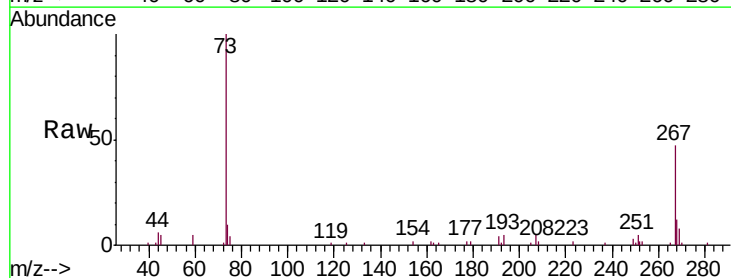
Tgt Ion: 75 Resp: 913

Ion Ratio Lower Upper

75 100

155 0.0 75.3 112.9#

157 0.0 103.0 154.4#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

