

Data File : VU029758.D
Acq On : 01 Mar 2019 12:56
Operator : JC/SP
Sample : K1577-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Mar 01 22:16:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	240207	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	231297	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	116418	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75564	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.68	69	71186	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.27	63	116218	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.19	46	215029	60.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.26%
24) Chloroform-d	4.65	84	136800	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.31	65	80305	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.34	84	330842	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
36) 1,2-Dichloropropane-d6	6.33	67	103307	5.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.60%
41) Toluene-d8	7.56	98	294614	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.85	79	34598	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.31	63	206331	59.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87218	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	121710	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

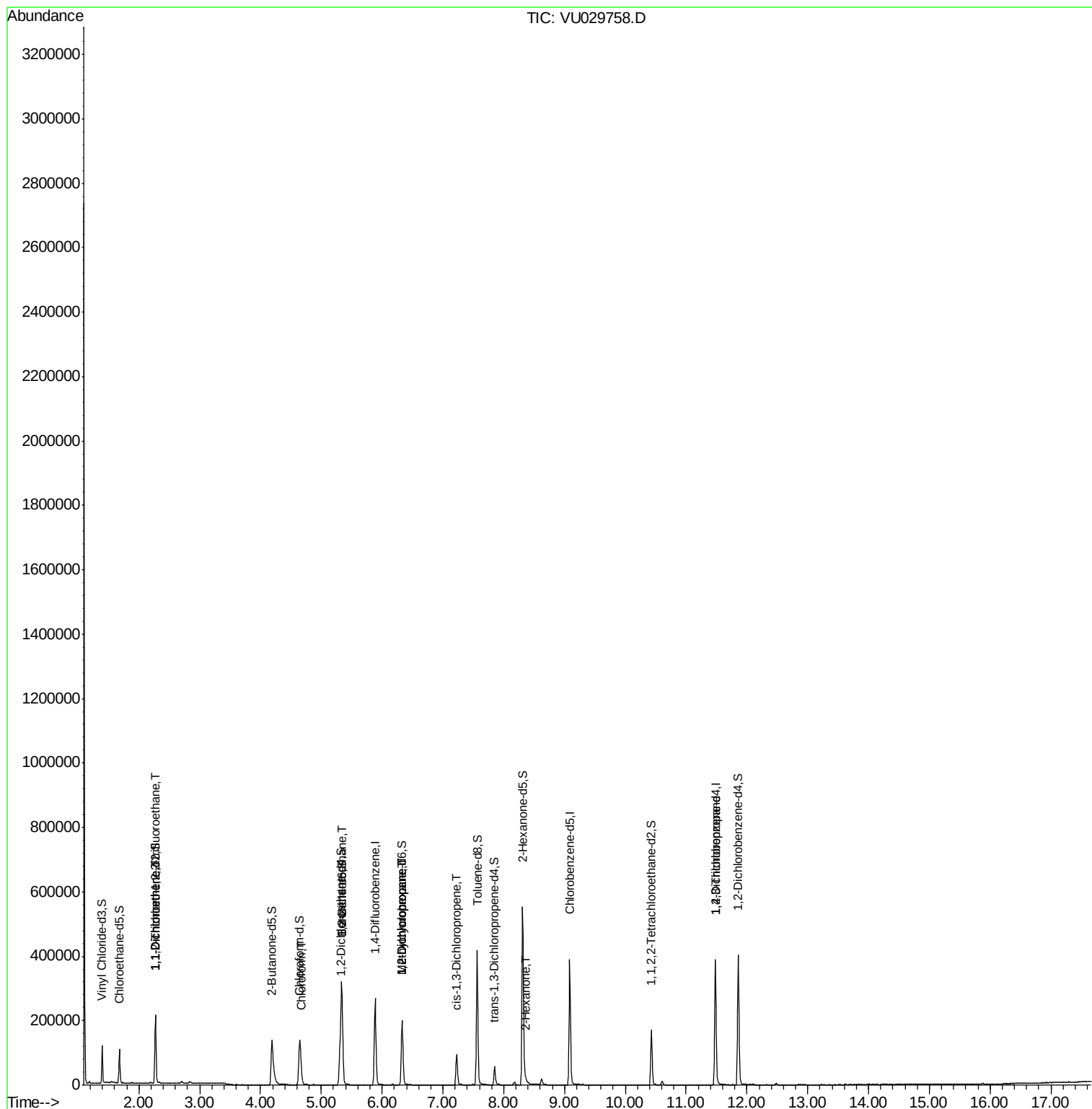
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1188	0.063	ug/L #	17
12) 1,1-Dichloroethene	2.28	96	1076	0.060	ug/L #	1
25) Chloroform	4.67	83	22220	0.735	ug/L	95
27) 1,2-Dichloroethane	5.33	62	1658	0.093	ug/L #	74
35) Methylcyclohexane	6.33	83	23353	0.844	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	10608	0.689	ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2104	0.093	ug/L #	50
48) 2-Hexanone	8.36	43	2636	0.416	ug/L #	91
59) 1,2,3-Trichloropropane	11.48	75	12233	1.190	ug/L	93

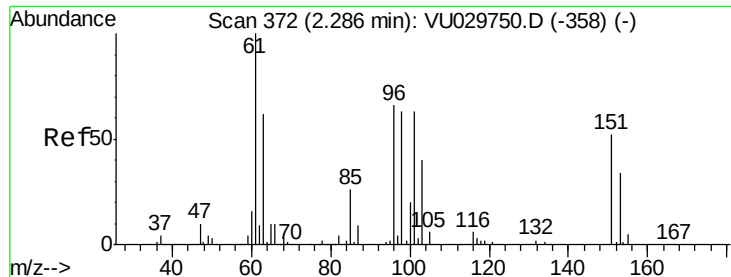
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.063 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029758.D

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

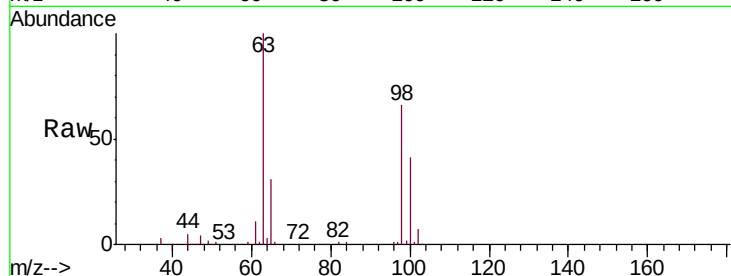
Tgt Ion: 101 Resp: 1188

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

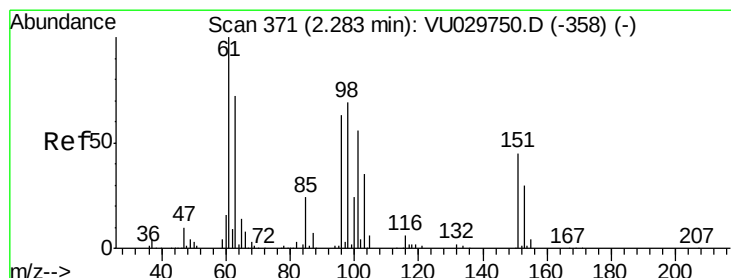
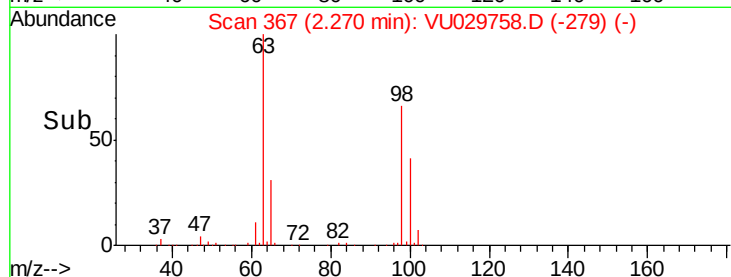
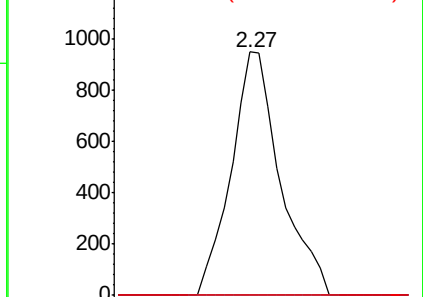
151 0.0 65.9 98.9#



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



#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029758.D

Acq: 01 Mar 2019 12:56

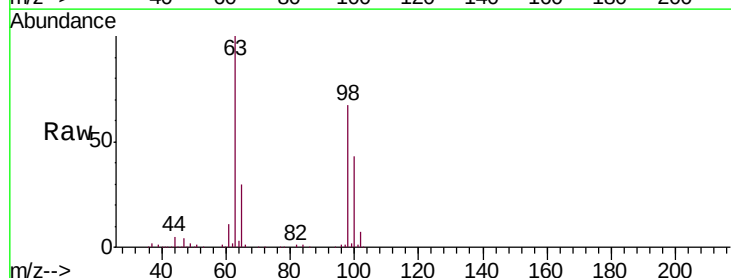
Tgt Ion: 96 Resp: 1076

Ion Ratio Lower Upper

96 100

61 1103.7 111.3 206.7#

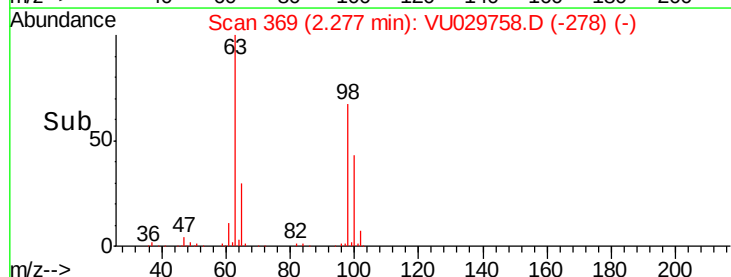
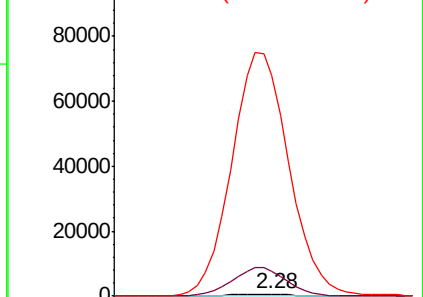
63 9761.2 88.5 164.3#

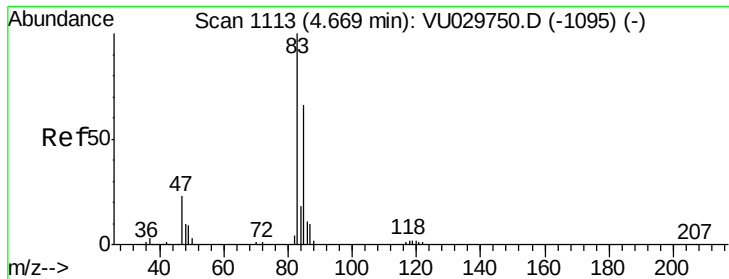


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

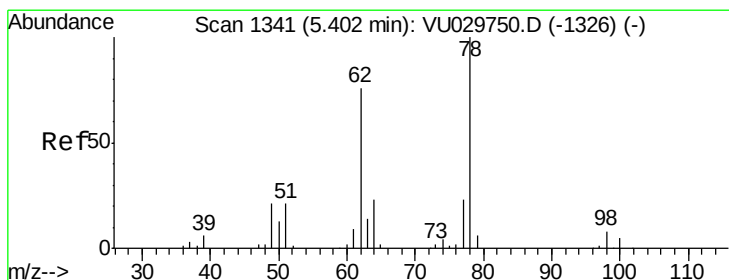
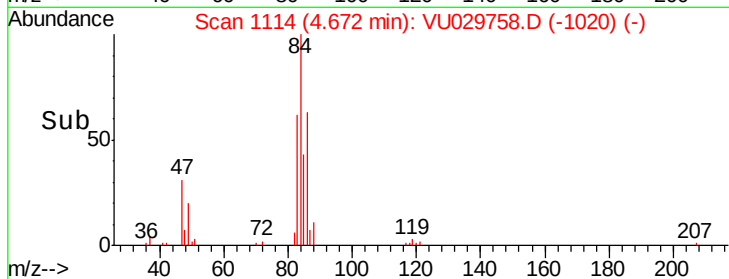
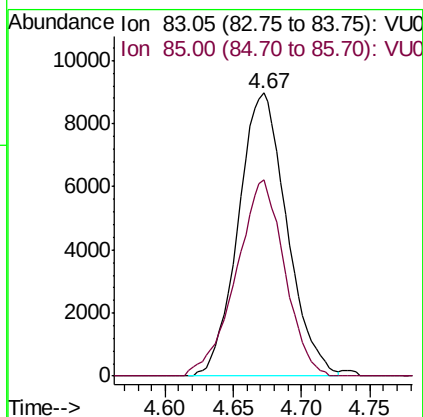
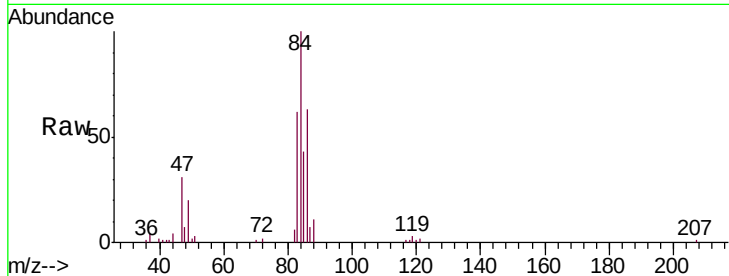




#25
Chloroform
Concen: 0.735 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029758.D
Acq: 01 Mar 2019 12:56

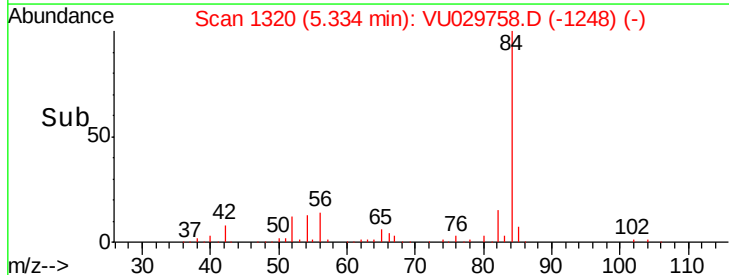
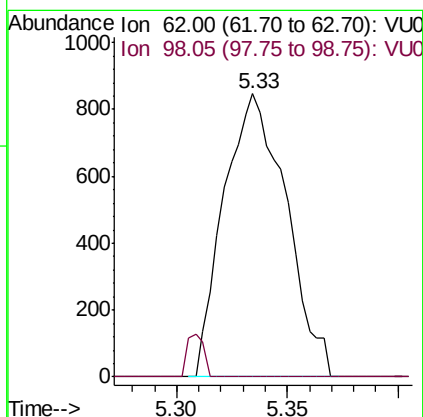
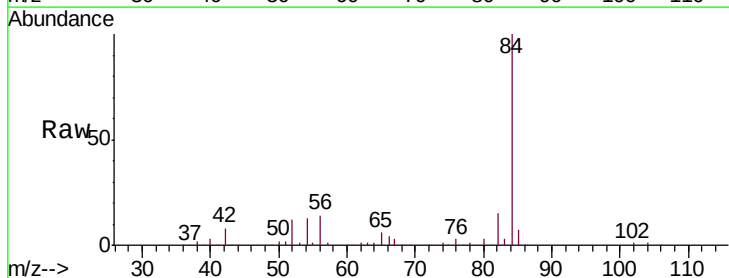
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

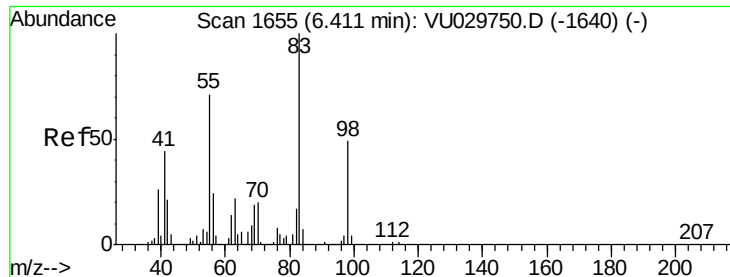
Tgt Ion: 83 Resp: 22220
Ion Ratio Lower Upper
83 100
85 69.2 45.6 84.6



#27
1,2-Dichloroethane
Concen: 0.093 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.07 min
Lab File: VU029758.D
Acq: 01 Mar 2019 12:56

Tgt Ion: 62 Resp: 1658
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#

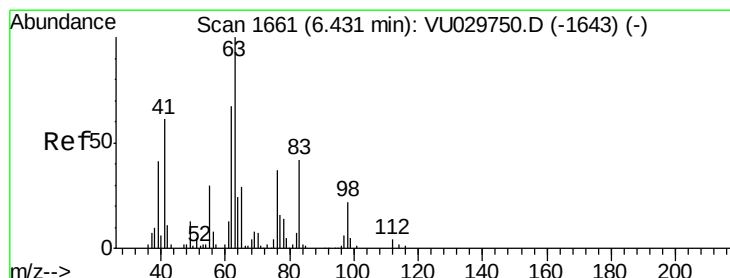
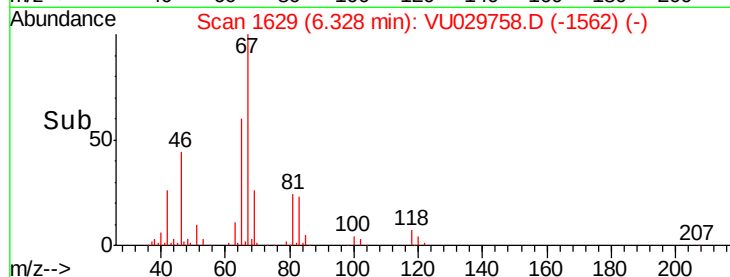
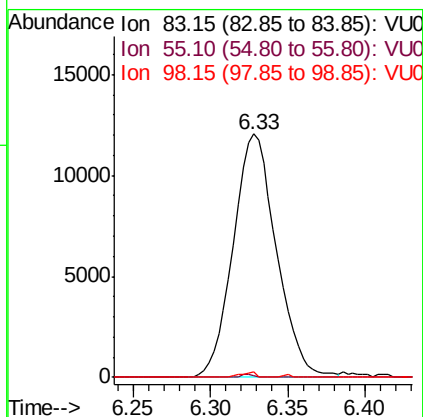
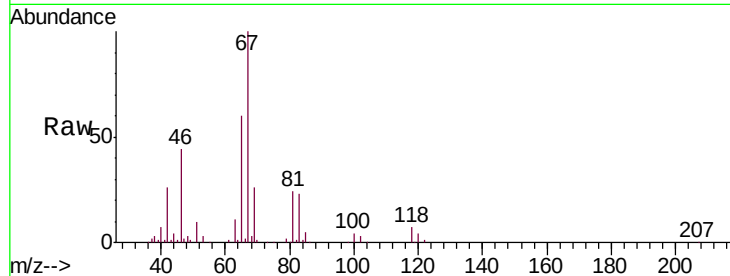




#35
Methylcyclohexane
Concen: 0.844 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029758.D
Acq: 01 Mar 2019 12:56

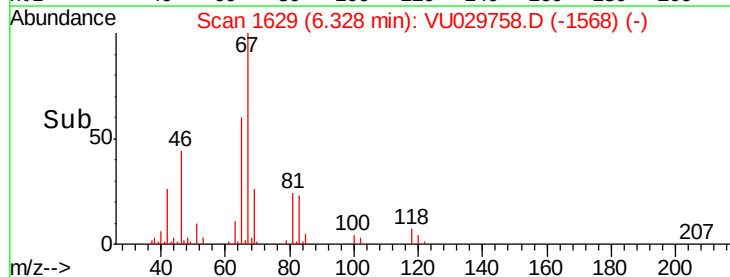
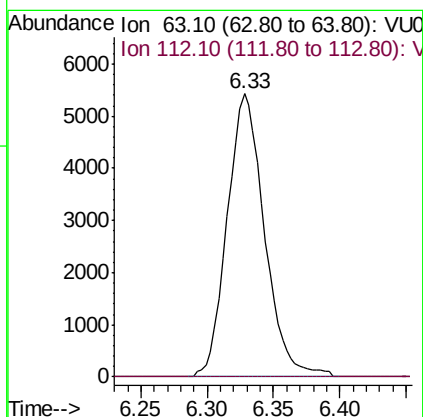
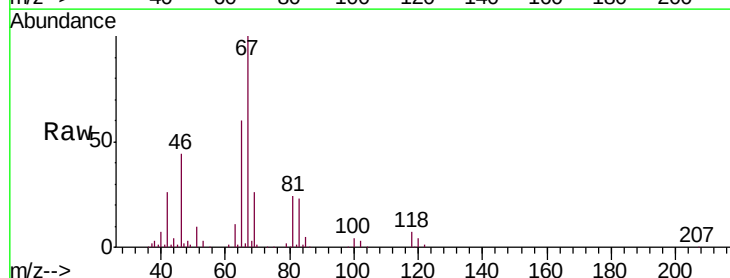
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

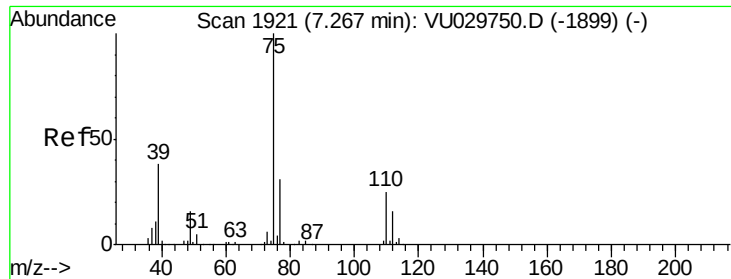
Tgt Ion: 83 Resp: 23353
Ion Ratio Lower Upper
83 100
55 0.4 56.5 84.7#
98 0.7 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.689 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029758.D
Acq: 01 Mar 2019 12:56

Tgt Ion: 63 Resp: 10608
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

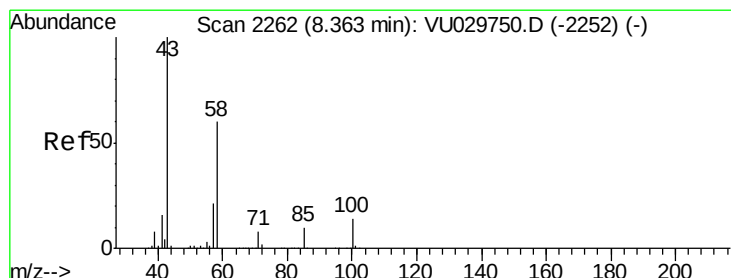
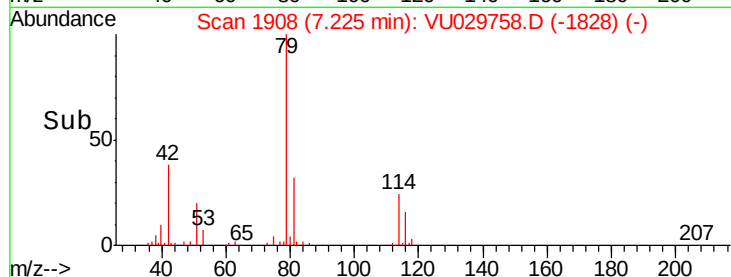
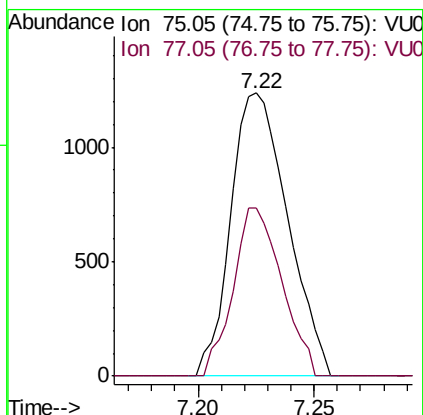
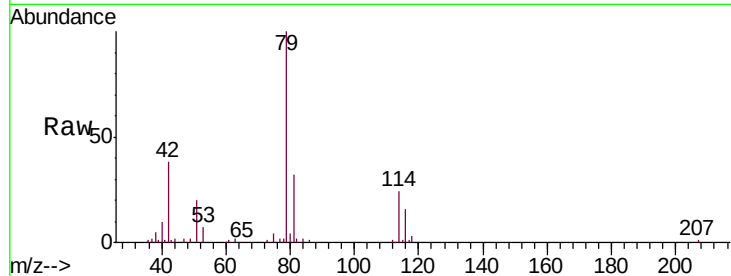




#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029758.D
 Acq: 01 Mar 2019 12:56

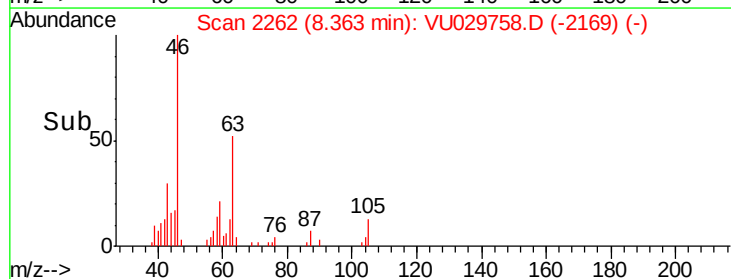
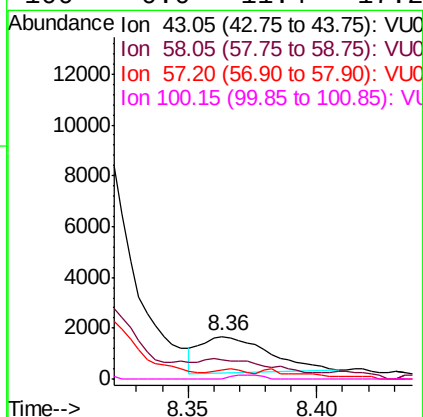
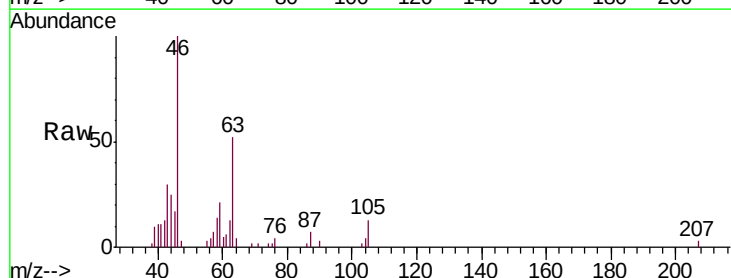
Instrument :
 MSVOA_U
 ClientSampled :
 VHBLK01

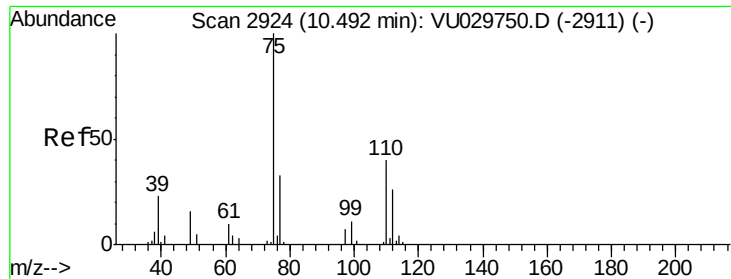
Tgt Ion: 75 Resp: 2104
 Ion Ratio Lower Upper
 75 100
 77 59.5 22.3 41.5#



#48
 2-Hexanone
 Concen: 0.416 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU029758.D
 Acq: 01 Mar 2019 12:56

Tgt Ion: 43 Resp: 2636
 Ion Ratio Lower Upper
 43 100
 58 58.3 46.6 69.8
 57 11.9 15.9 23.9#
 100 0.0 11.4 17.2#





#59

1,2,3-Trichloropropane

Concen: 1.190 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029758.D

Acq: 01 Mar 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 12233

Ion Ratio Lower Upper

75 100

77 35.6 25.6 38.4

