

Data File : VU029827.D
Acq On : 05 Mar 2019 17:26
Operator : JC/SP
Sample : K1660-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Mar 06 02:54:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Mar 06 02:51:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	230442	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	222649	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	108668	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	84222	5.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.00%
7) Chloroethane-d5	1.68	69	69876	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.27	63	116365	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.20	46	189454	55.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.36%
24) Chloroform-d	4.65	84	128173	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.31	65	71656	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.34	84	304667	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.33	67	92648	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	7.56	98	275505	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.85	79	34110	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.31	63	180890	54.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	72756	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	109915	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

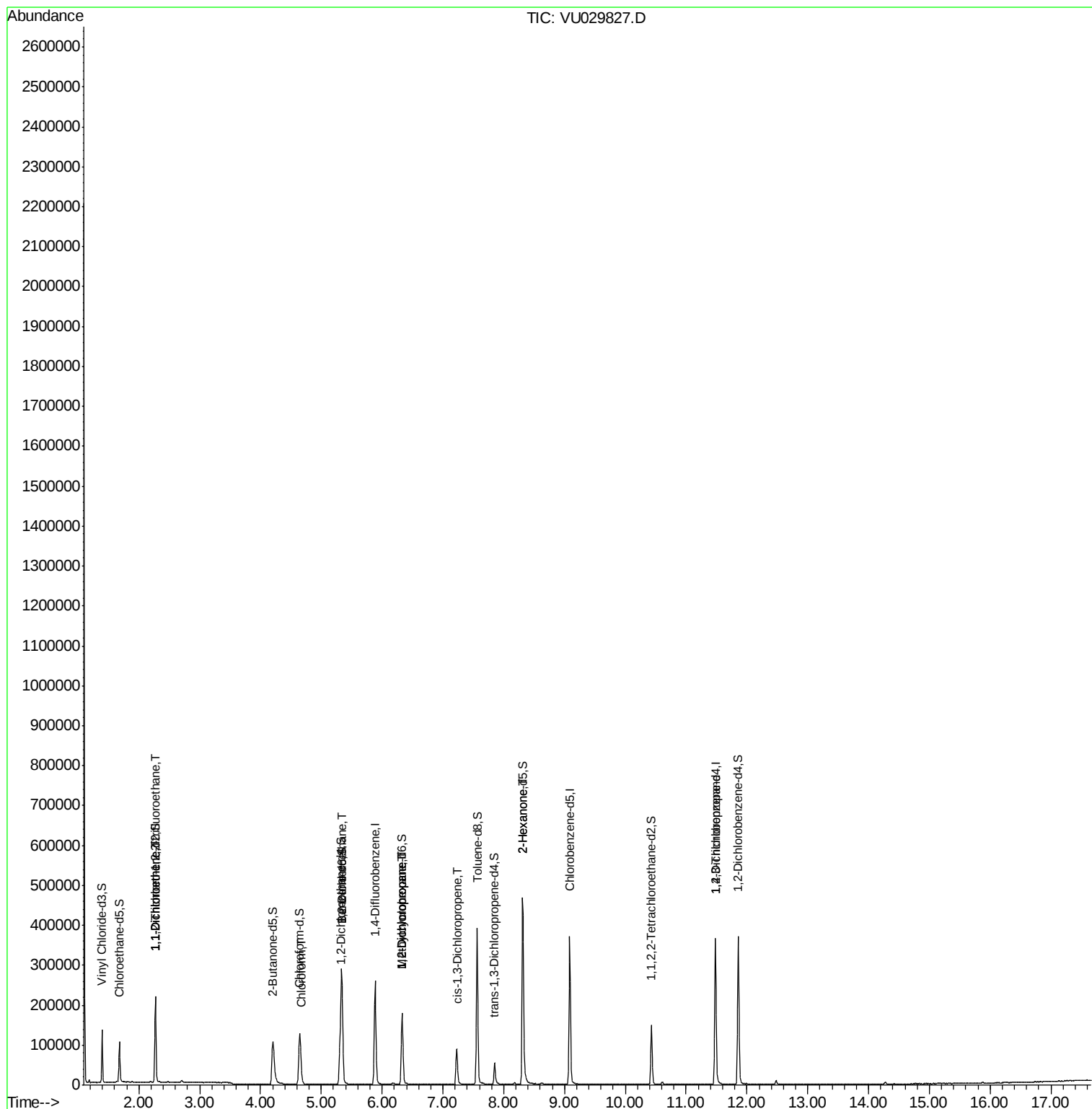
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1268	0.071	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	1099	0.064	ug/L #	1
25) Chloroform	4.67	83	14042	0.484	ug/L	98
27) 1,2-Dichloroethane	5.34	62	1458	0.085	ug/L #	74
35) Methylcyclohexane	6.33	83	21136	0.793	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	8713	0.588	ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	1829	0.084	ug/L #	55
48) 2-Hexanone	8.31	43	18118	2.974	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	11360	1.148	ug/L	95

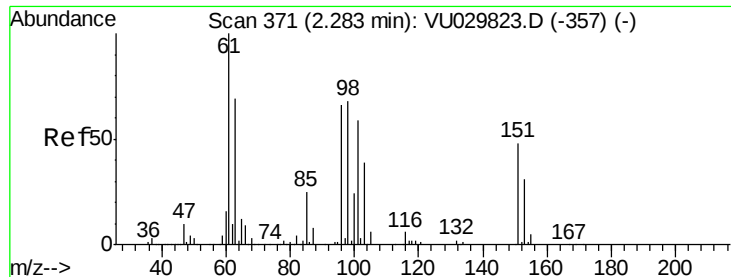
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.071 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029827.D

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

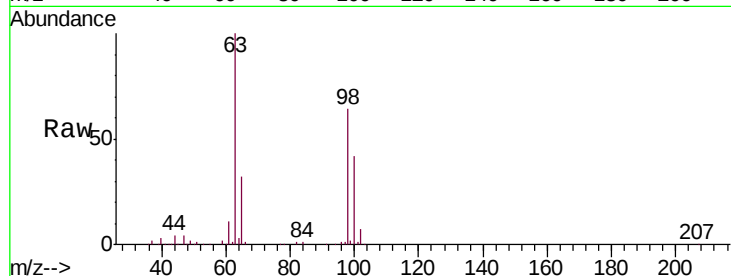
Tgt Ion: 101 Resp: 1268

Ion Ratio Lower Upper

101 100

85 3.7 32.8 49.2#

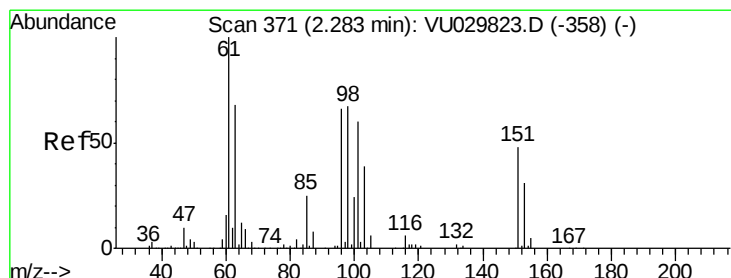
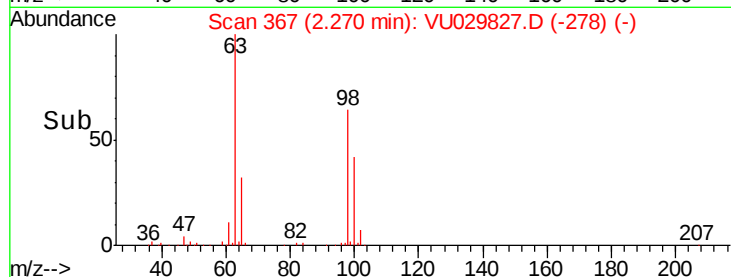
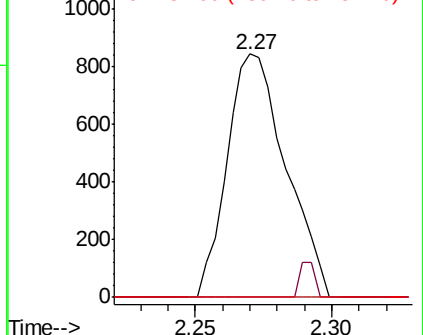
151 0.0 65.9 98.9#



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: 0.064 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029827.D

Acq: 05 Mar 2019 17:26

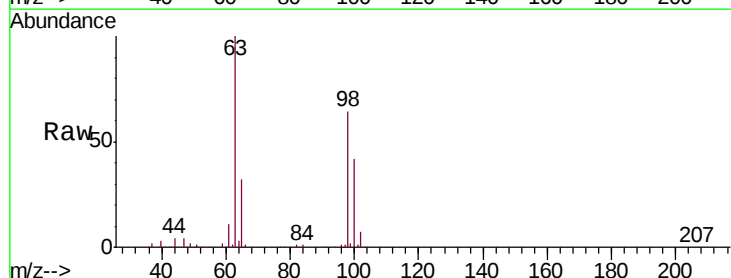
Tgt Ion: 96 Resp: 1099

Ion Ratio Lower Upper

96 100

61 1201.0 111.3 206.7#

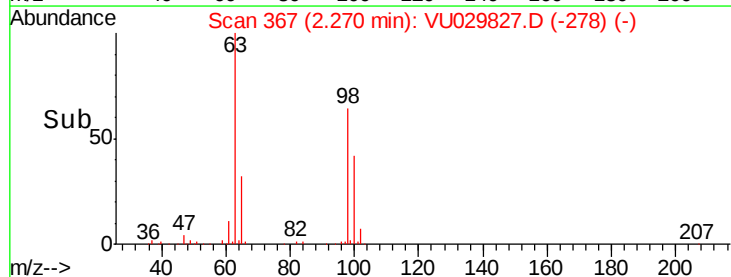
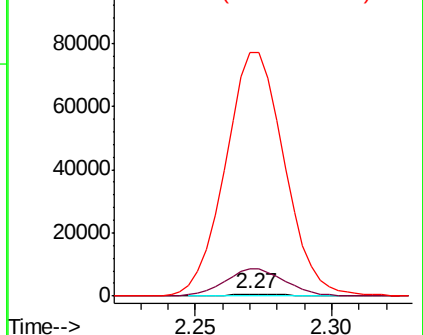
63 10636.5 88.5 164.3#

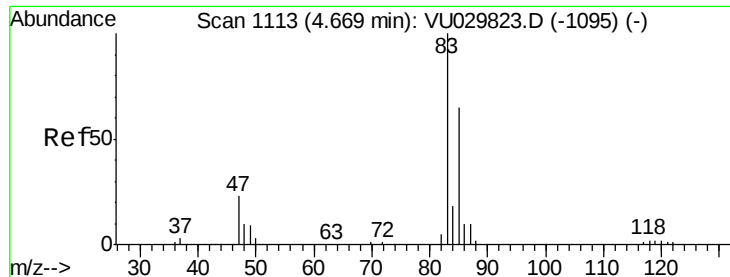


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#25

Chloroform

Concen: 0.484 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

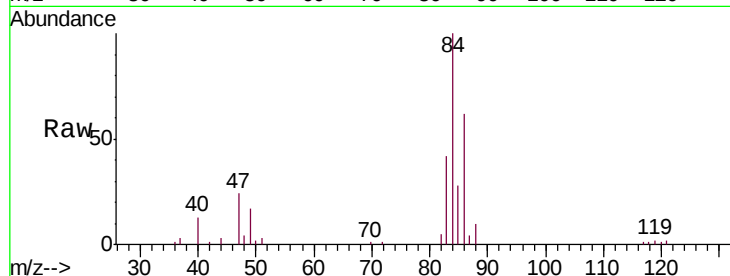
VHBLK01

Tgt Ion: 83 Resp: 14042

Ion Ratio Lower Upper

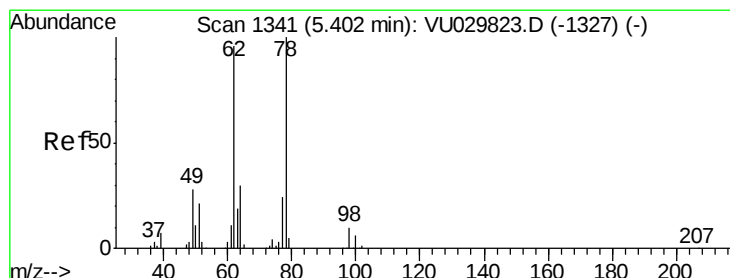
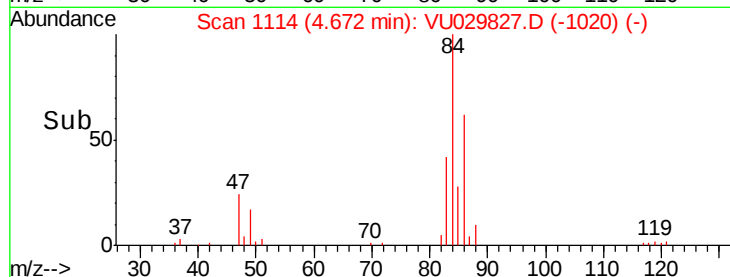
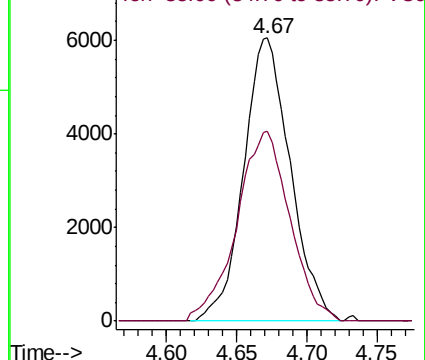
83 100

85 67.0 45.6 84.6



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#27

1,2-Dichloroethane

Concen: 0.085 ug/L

RT: 5.34 min Scan# 1322

Delta R.T. -0.06 min

Lab File: VU029827.D

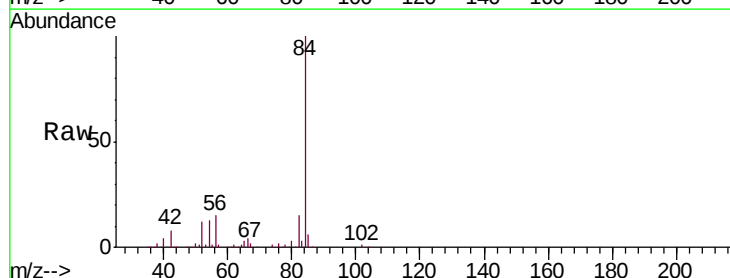
Acq: 05 Mar 2019 17:26

Tgt Ion: 62 Resp: 1458

Ion Ratio Lower Upper

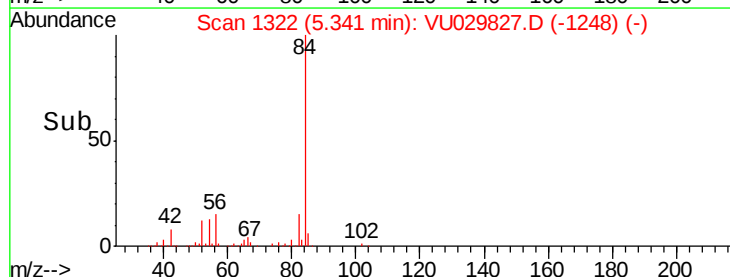
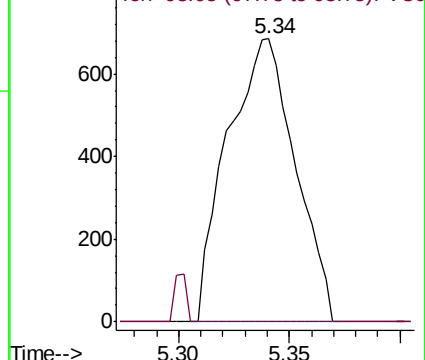
62 100

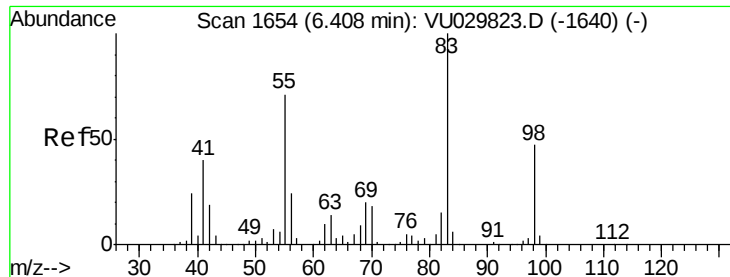
98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

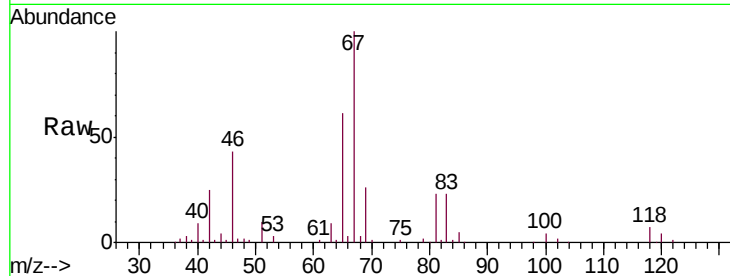




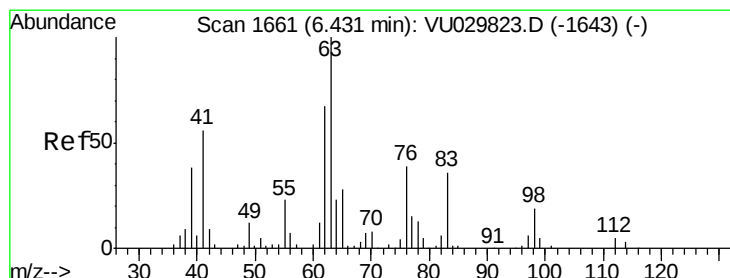
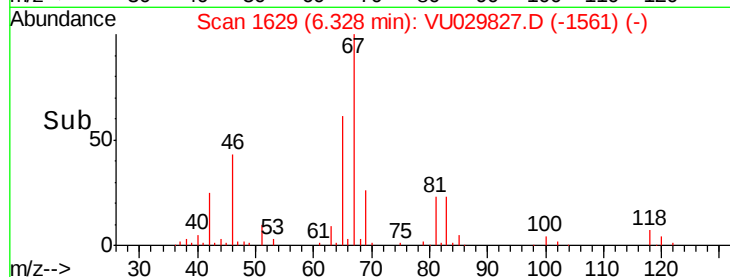
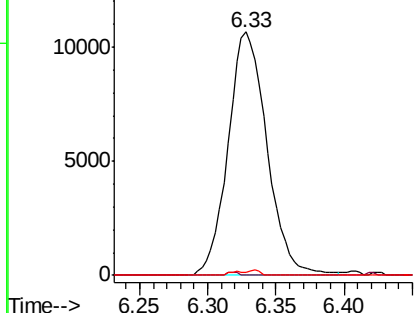
#35
Methylcyclohexane
Concen: 0.793 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029827.D
Acq: 05 Mar 2019 17:26

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 21136
Ion Ratio Lower Upper
83 100
55 0.3 56.5 84.7#
98 1.2 39.4 59.2#

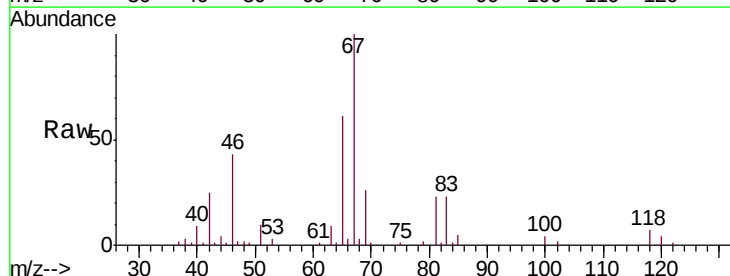


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

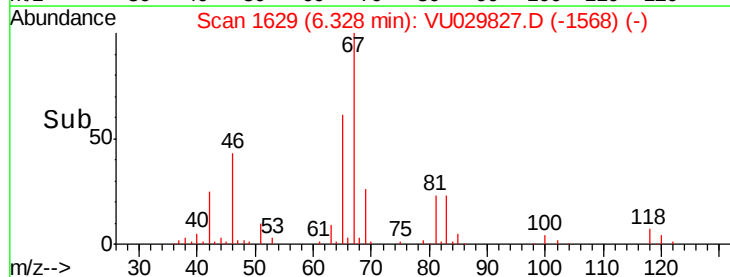
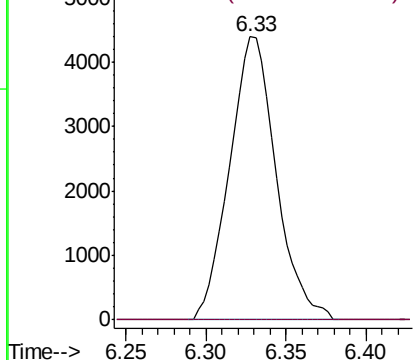


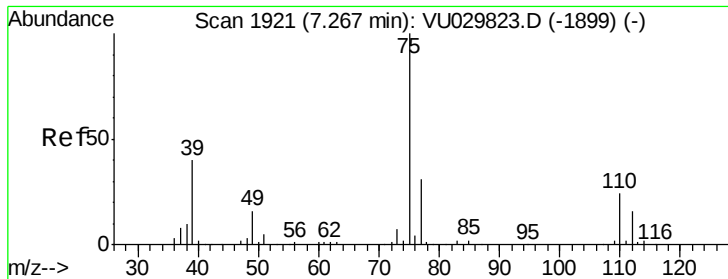
#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029827.D
Acq: 05 Mar 2019 17:26

Tgt Ion: 63 Resp: 8713
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

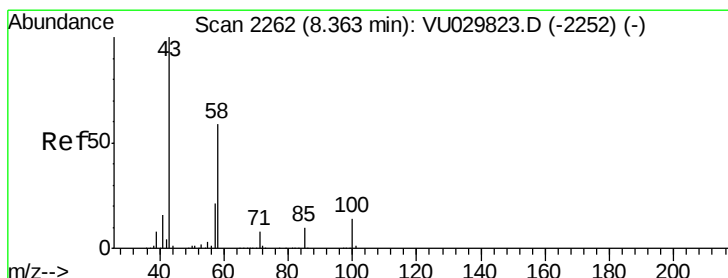
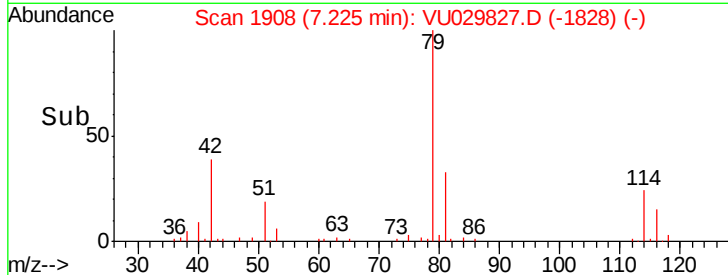
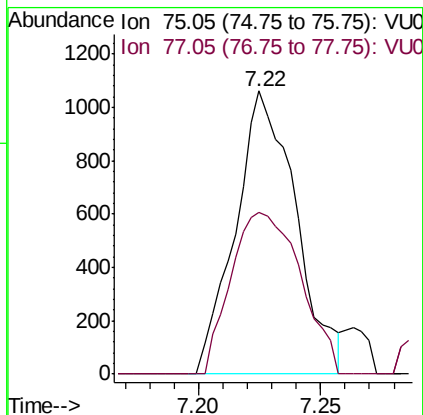
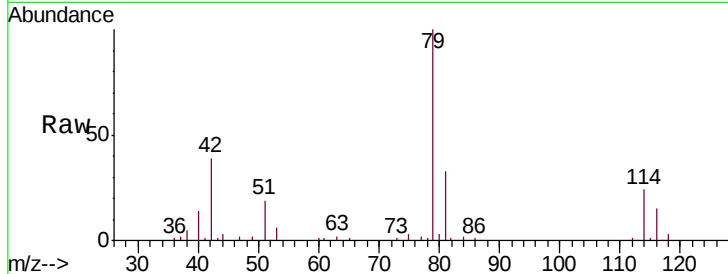




#39
 cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029827.D
 Acq: 05 Mar 2019 17:26

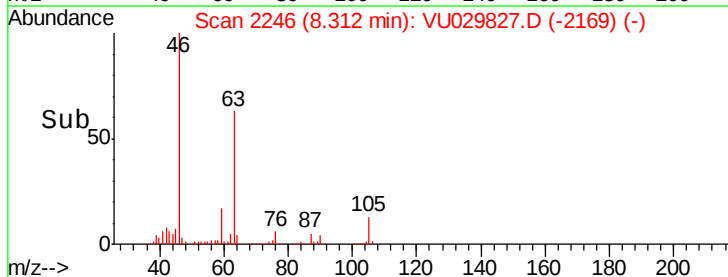
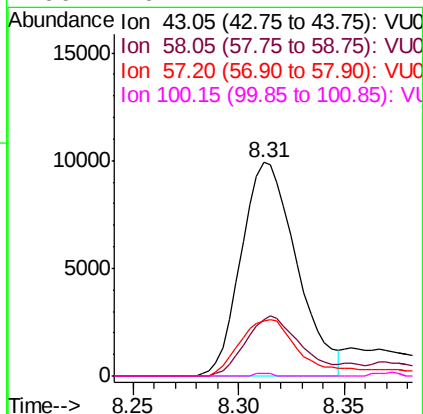
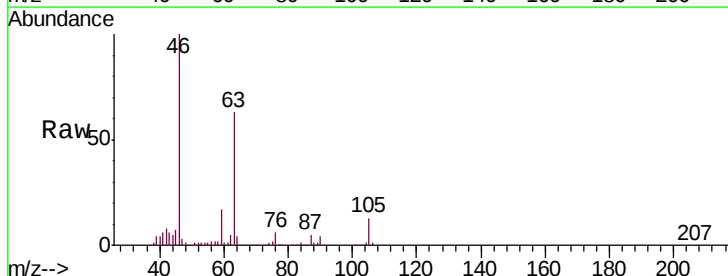
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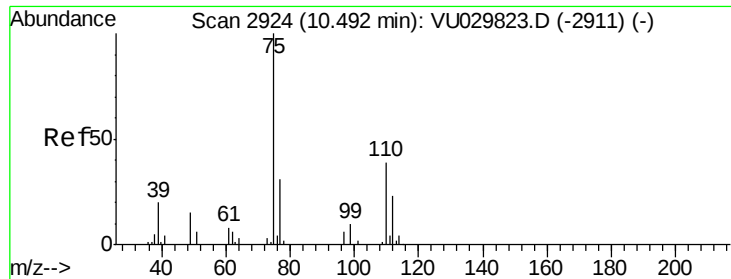
Tgt Ion: 75 Resp: 1829
 Ion Ratio Lower Upper
 75 100
 77 57.0 22.3 41.5#



#48
 2-Hexanone
 Concen: 2.974 ug/L
 RT: 8.31 min Scan# 2246
 Delta R.T. -0.05 min
 Lab File: VU029827.D
 Acq: 05 Mar 2019 17:26

Tgt Ion: 43 Resp: 18118
 Ion Ratio Lower Upper
 43 100
 58 28.1 46.6 69.8#
 57 29.1 15.9 23.9#
 100 0.4 11.4 17.2#





#59

1,2,3-Trichloropropane

Concen: 1.148 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029827.D

Acq: 05 Mar 2019 17:26

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 11360

Ion Ratio Lower Upper

75 100

77 34.9 25.6 38.4

