

Data File : VU030067.D
Acq On : 14 Mar 2019 12:30
Operator : JC/SP
Sample : K1763-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Mar 15 01:25:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 01:21:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	477194	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	463215	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219822	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	159450	50.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.04%
7) Chloroethane-d5	1.68	69	132652	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.12%
11) 1,1-Dichloroethene-d2	2.27	63	221524	38.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.76%
21) 2-Butanone-d5	4.17	46	248491	105.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.08%
24) Chloroform-d	4.65	84	290271	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.54%
26) 1,2-Dichloroethane-d4	5.31	65	175106	53.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.06%
32) Benzene-d6	5.34	84	623982	52.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.66%
36) 1,2-Dichloropropane-d6	6.33	67	197730	54.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.36%
41) Toluene-d8	7.56	98	575849	51.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.14%
43) trans-1,3-Dichloropropene-	7.85	79	83543	47.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.52%
47) 2-Hexanone-d5	8.31	63	217240	106.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.39%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	289270	51.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	233258	54.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.56%

Target Compounds

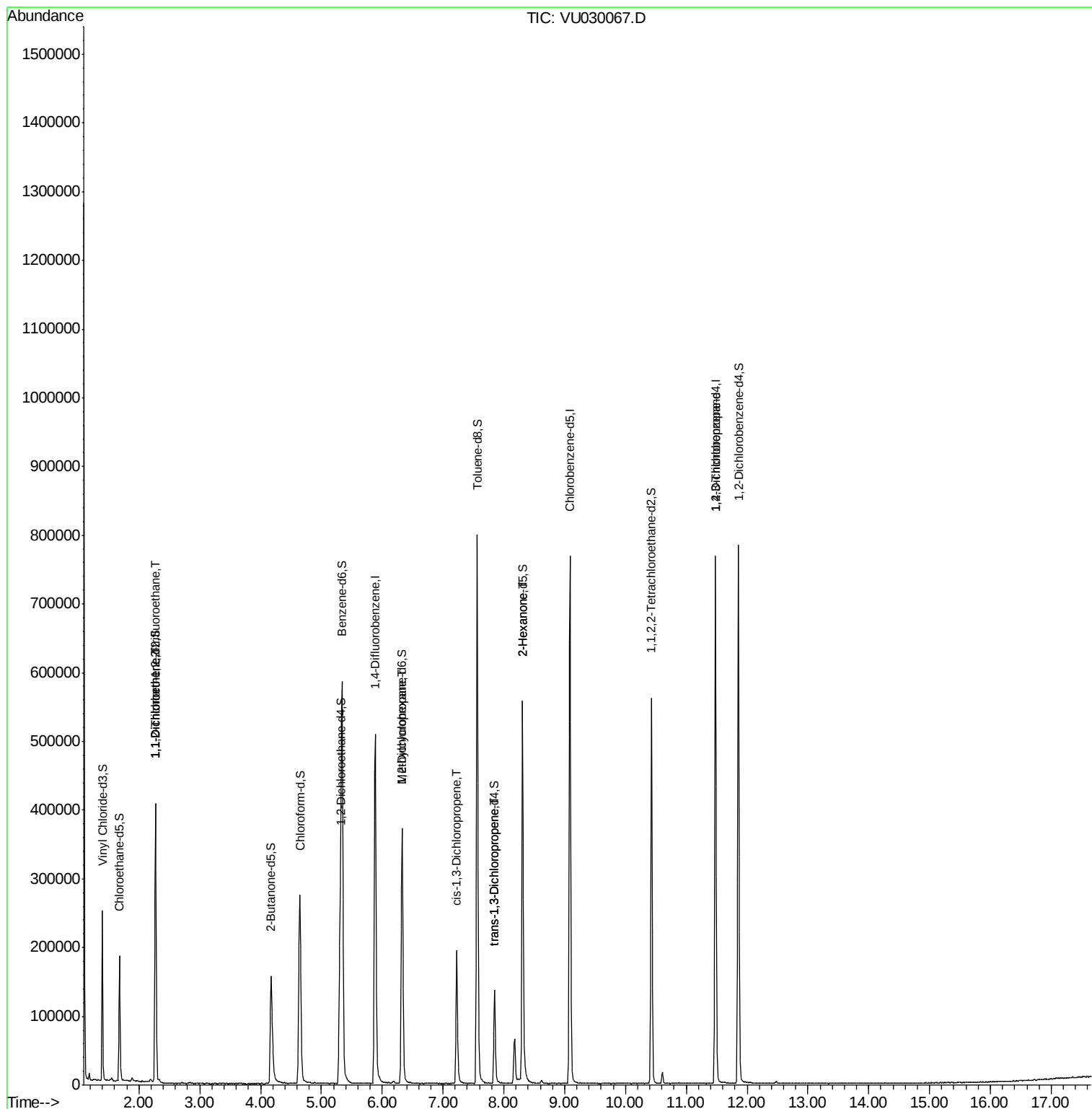
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2306	0.736 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2063	0.690 ug/L #	1
35) Methylcyclohexane	6.33	83	45484	8.074 ug/L #	22
39) cis-1,3-Dichloropropene	7.22	75	4423	0.815 ug/L #	53
44) trans-1,3-Dichloropropene	7.85	75	3330	0.672 ug/L #	82
48) 2-Hexanone	8.31	43	20325	5.061 ug/L #	62
59) 1,2,3-Trichloropropane	11.48	75	22604	4.978 ug/L	97

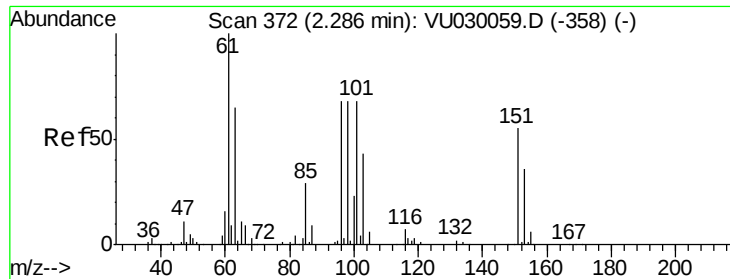
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.736 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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ClientSampleId :

VHBLK01

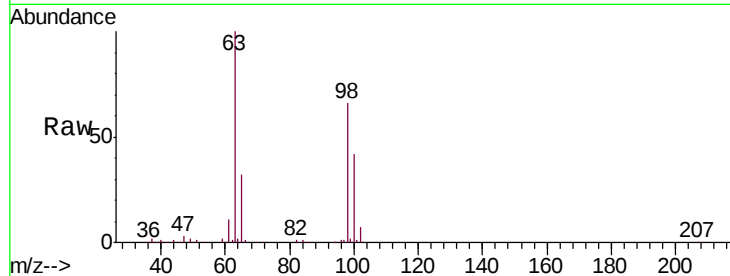
Tgt Ion: 101 Resp: 2306

Ion Ratio Lower Upper

101 100

85 1.9 33.0 49.4#

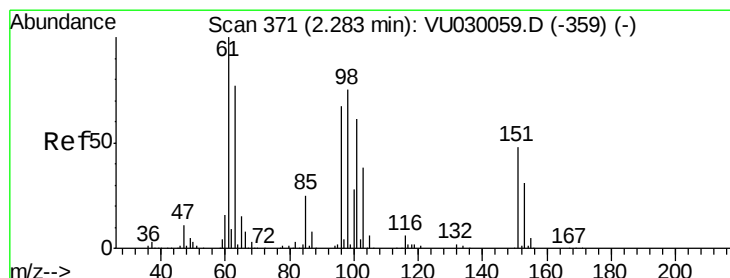
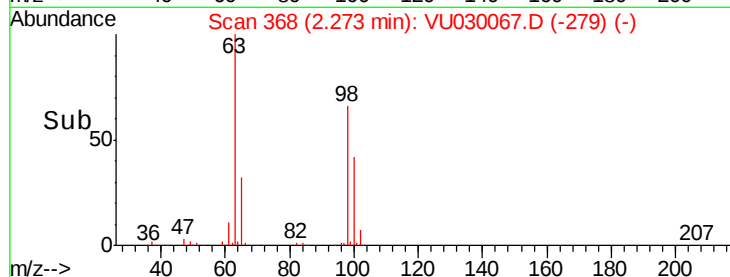
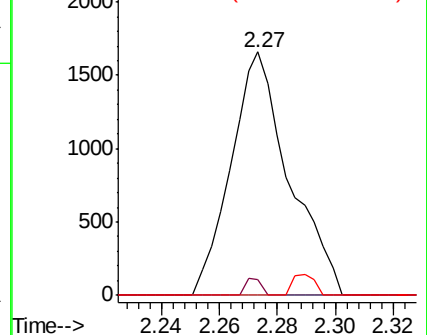
151 3.3 66.1 99.1#



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: 0.690 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030067.D

Acq: 14 Mar 2019 12:30

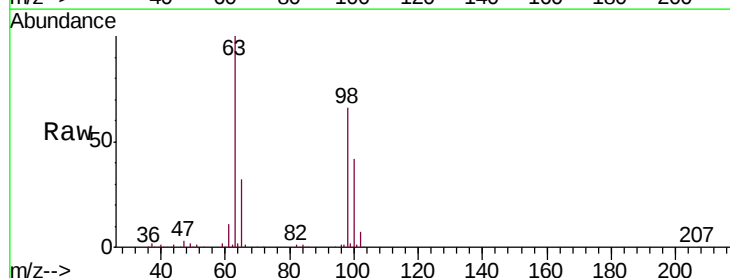
Tgt Ion: 96 Resp: 2063

Ion Ratio Lower Upper

96 100

61 1251.1 110.4 205.0#

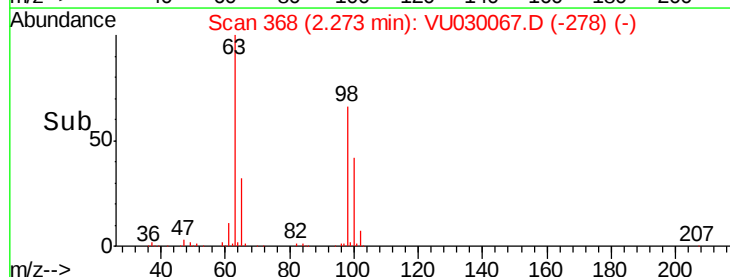
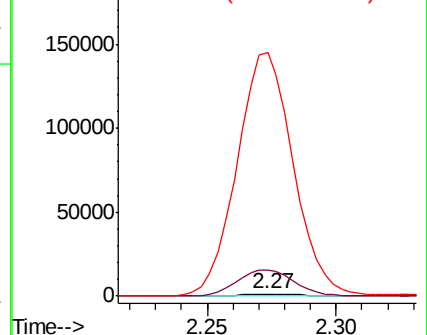
63 11500.7 86.5 160.7#

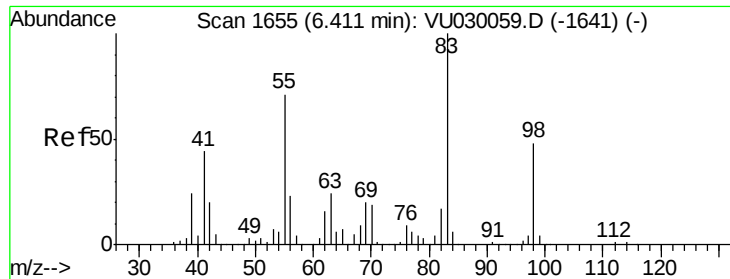


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

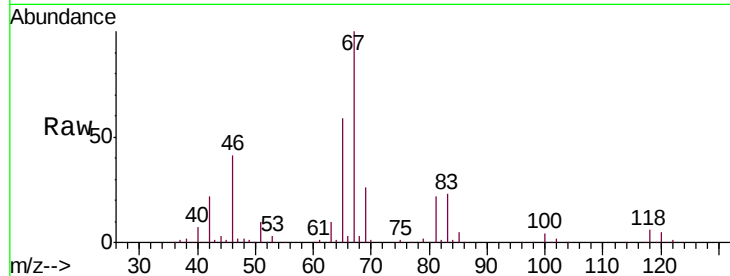




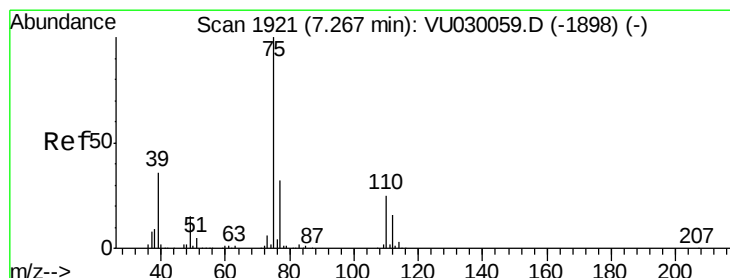
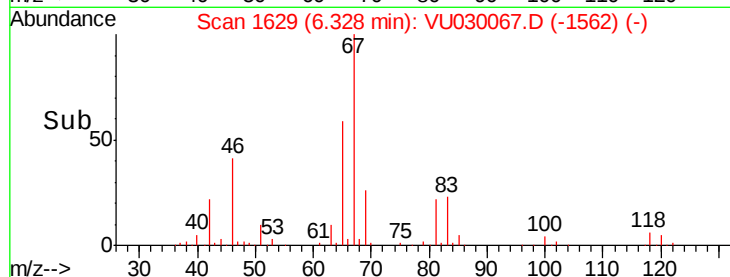
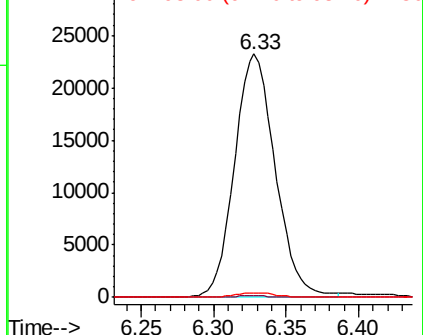
#35
Methylcyclohexane
Concen: 8.074 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
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VHBLK01

Tgt Ion: 83 Resp: 45484
Ion Ratio Lower Upper
83 100
55 0.4 56.6 84.8#
98 1.7 37.8 56.6#

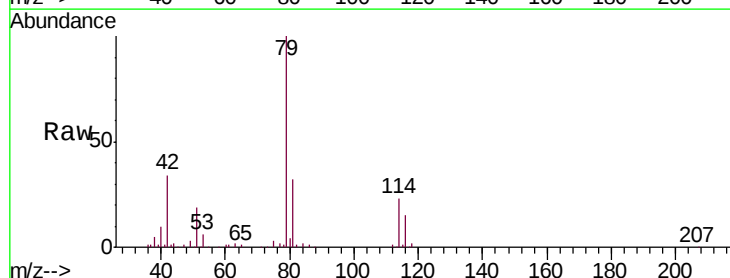


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

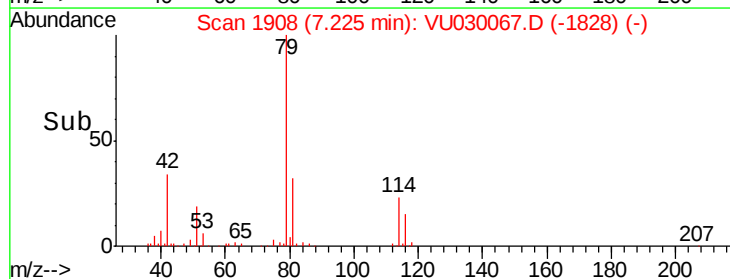
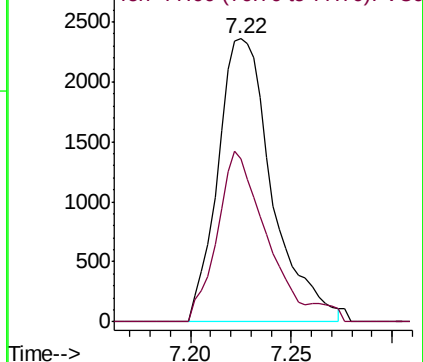


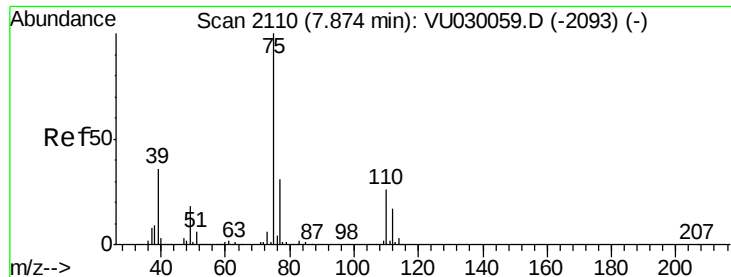
#39
cis-1,3-Dichloropropene
Concen: 0.815 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030067.D
Acq: 14 Mar 2019 12:30

Tgt Ion: 75 Resp: 4423
Ion Ratio Lower Upper
75 100
77 57.8 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.672 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030067.D

Acq: 14 Mar 2019 12:30

Instrument :

MSVOA_U

ClientSampleId :

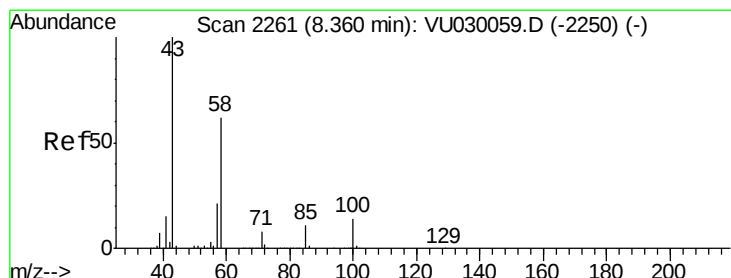
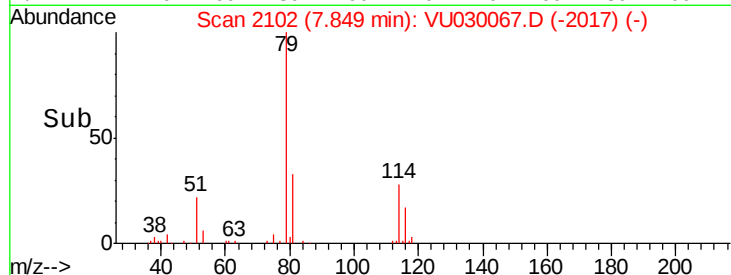
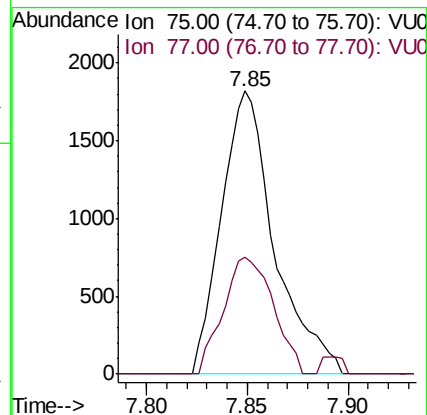
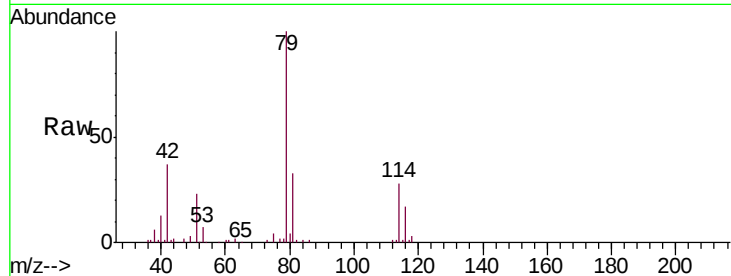
VHBLK01

Tgt Ion: 75 Resp: 3330

Ion Ratio Lower Upper

75 100

77 41.2 21.9 40.7#



#48

2-Hexanone

Concen: 5.061 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU030067.D

Acq: 14 Mar 2019 12:30

Tgt Ion: 43 Resp: 20325

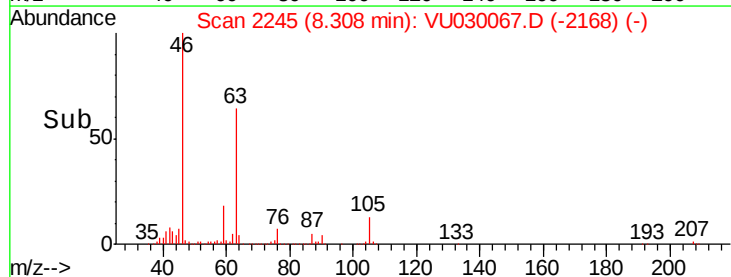
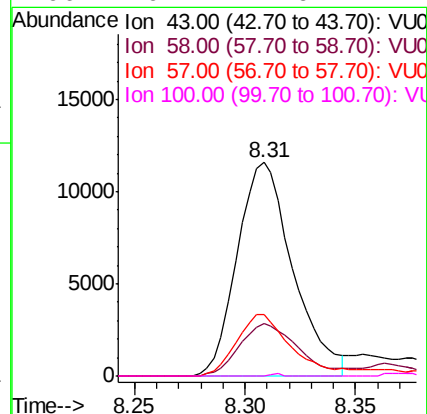
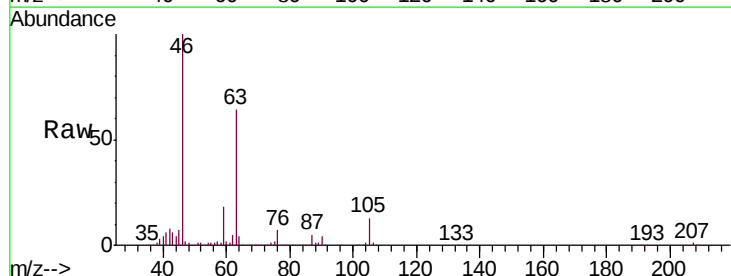
Ion Ratio Lower Upper

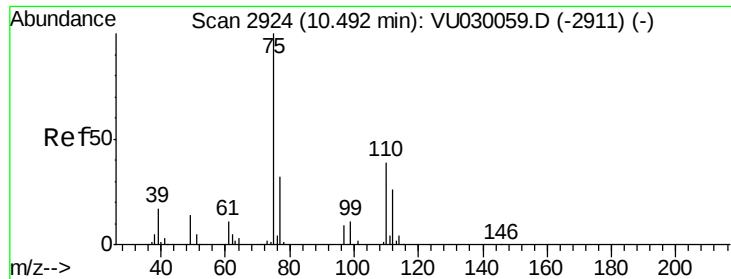
43 100

58 25.3 48.6 72.8#

57 27.7 16.1 24.1#

100 0.2 11.6 17.4#





#59

1,2,3-Trichloropropane

Concen: 4.978 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030067.D

Acq: 14 Mar 2019 12:30

Instrument :

MSVOA_U

ClientSampleId :

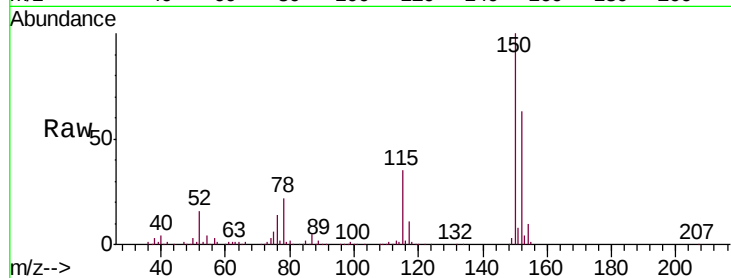
VHBLK01

Tgt Ion: 75 Resp: 22604

Ion Ratio Lower Upper

75 100

77 34.1 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

