

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031235.D
 Acq On : 17 Apr 2019 01:49
 Operator : JC/SP
 Sample : K2339-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Apr 17 04:18:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 04:13:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	489503	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	478273	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	187834	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	169227	37.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.08%
7) Chloroethane-d5	1.68	69	163595	41.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.27	63	280609	31.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.84%
21) 2-Butanone-d5	4.18	46	290477	88.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.47%
24) Chloroform-d	4.64	84	312113	41.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.98%
26) 1,2-Dichloroethane-d4	5.31	65	203421	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.84%
32) Benzene-d6	5.34	84	620146	41.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.04%
36) 1,2-Dichloropropane-d6	6.32	67	211037	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.02%
41) Toluene-d8	7.56	98	581884	43.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.48%
43) trans-1,3-Dichloropropene-	7.85	79	94142	40.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.28%
47) 2-Hexanone-d5	8.31	63	200037	86.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.35%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	280568	41.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	188907	43.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.70%

Target Compounds

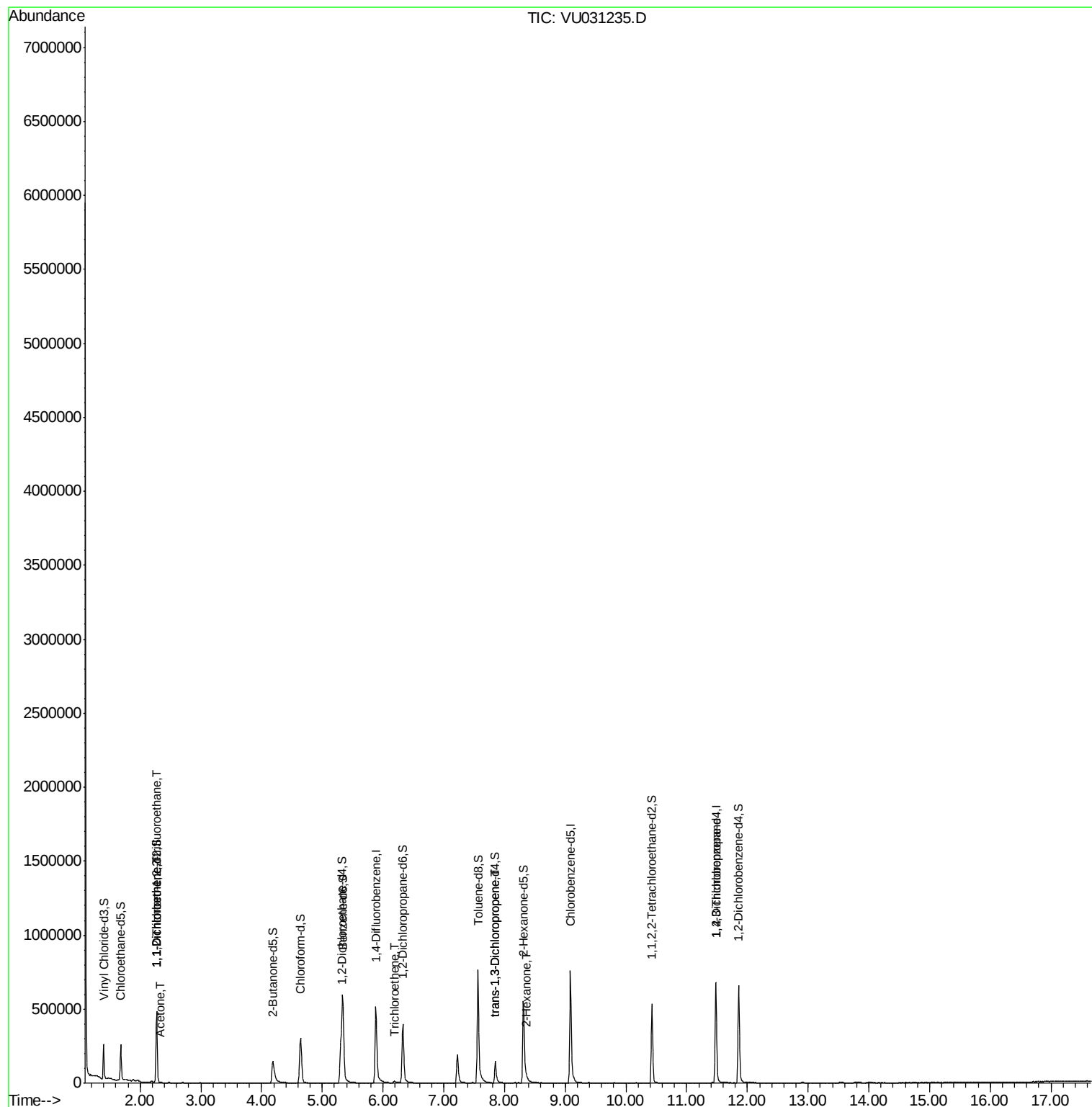
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3099	0.794 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2417	0.632 ug/L #	1
13) Acetone	2.33	43	1268	0.502 ug/L	68
34) Trichloroethene	6.19	95	3311	0.823 ug/L #	76
44) trans-1,3-Dichloropropene	7.85	75	4507	0.813 ug/L	95
48) 2-Hexanone	8.36	43	11510	2.408 ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	21078	4.160 ug/L	89

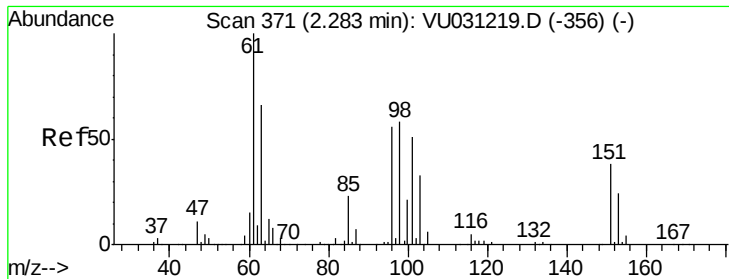
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.794 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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Acq: 17 Apr 2019 01:49

Instrument :

MSVOA_U

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VHBLK01

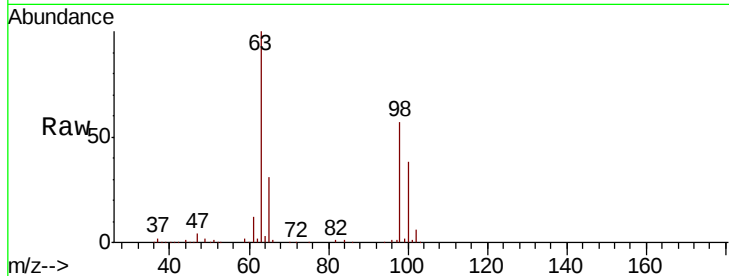
Tgt Ion: 101 Resp: 3099

Ion Ratio Lower Upper

101 100

85 2.5 35.4 53.0#

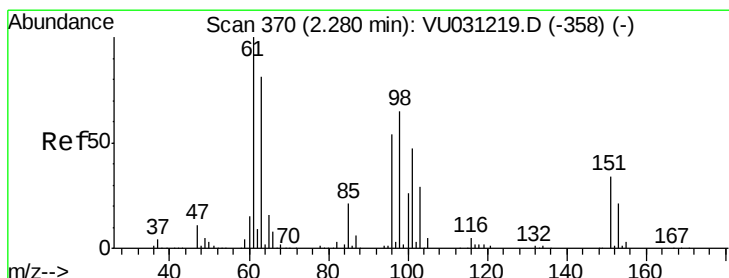
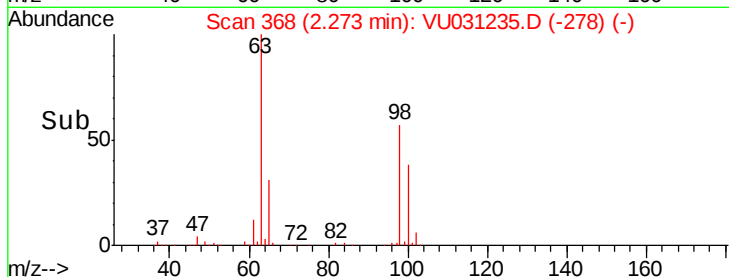
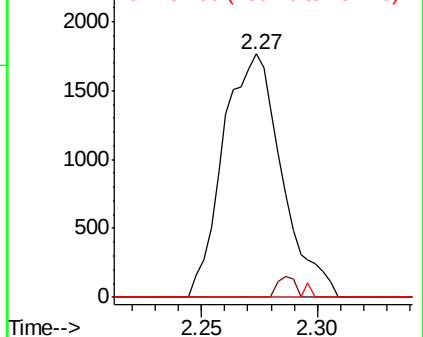
151 0.0 59.8 89.8#



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: 0.632 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031235.D

Acq: 17 Apr 2019 01:49

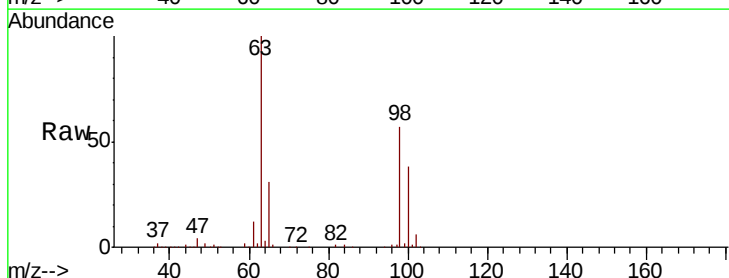
Tgt Ion: 96 Resp: 2417

Ion Ratio Lower Upper

96 100

61 1499.9 130.4 242.2#

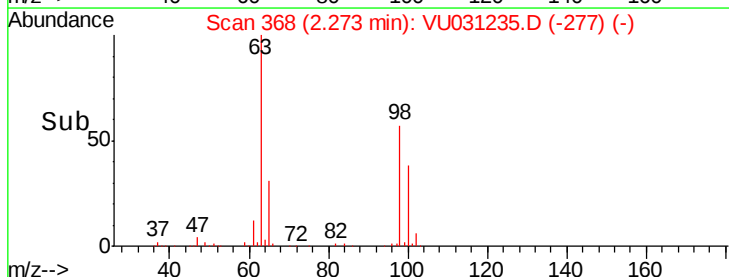
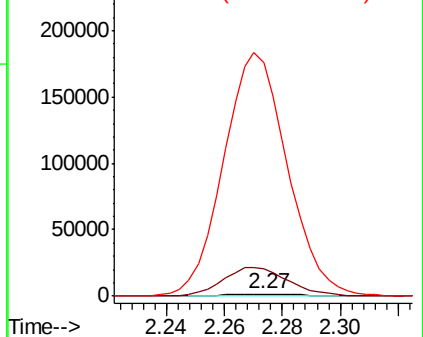
63 12989.5 108.9 202.3#

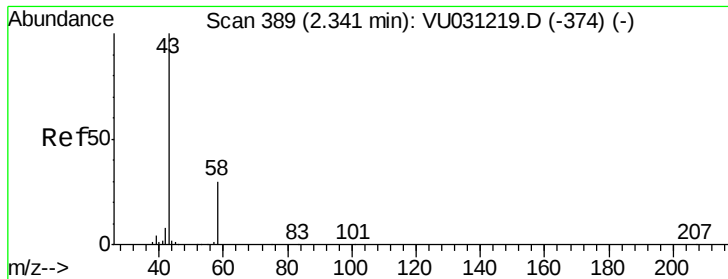


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.502 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.01 min

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Acq: 17 Apr 2019 01:49

Instrument :

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ClientSampleId :

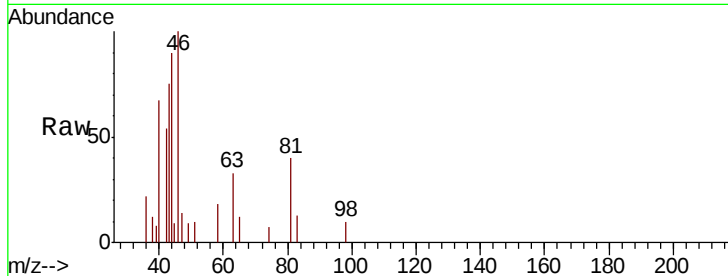
VHBLK01

Tgt Ion: 43 Resp: 1268

Ion Ratio Lower Upper

43 100

58 14.4 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU031219.D (-374) (-)

Ion 58.00 (57.70 to 58.70): VU031219.D (-374) (-)

2.33

1200

1000

800

600

400

200

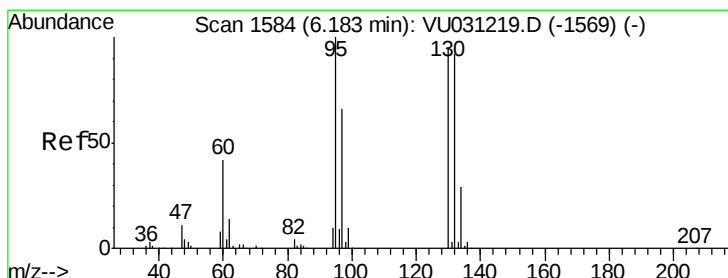
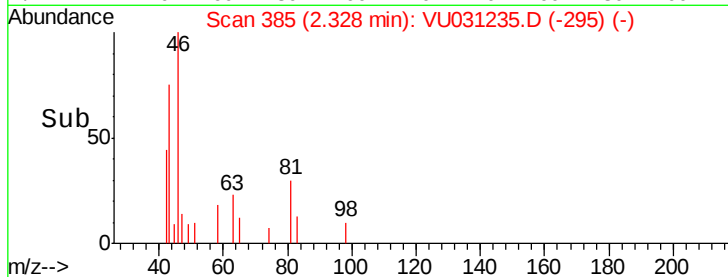
0

Time-->

2.30

2.32

2.34



#34

Trichloroethene

Concen: 0.823 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU031235.D

Acq: 17 Apr 2019 01:49

Tgt Ion: 95 Resp: 3311

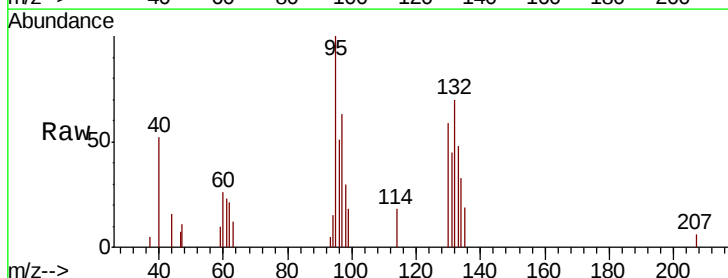
Ion Ratio Lower Upper

95 100

97 63.4 43.6 81.0

132 70.0 64.5 119.7

130 58.8 68.0 126.2#



Abundance Ion 95.00 (94.70 to 95.70): VU031219.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031219.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031219.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031219.D (-1569) (-)

3000

2500

2000

1500

1000

500

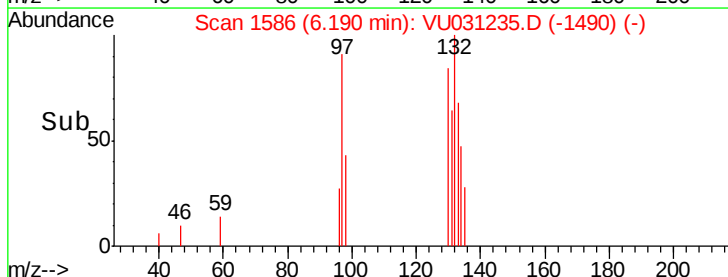
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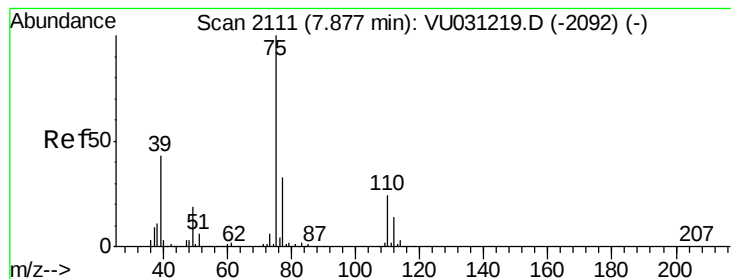
Time-->

6.15

6.20

6.25





#44

trans-1,3-Dichloropropene

Concen: 0.813 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031235.D

Acq: 17 Apr 2019 01:49

Instrument :

MSVOA_U

ClientSampleId :

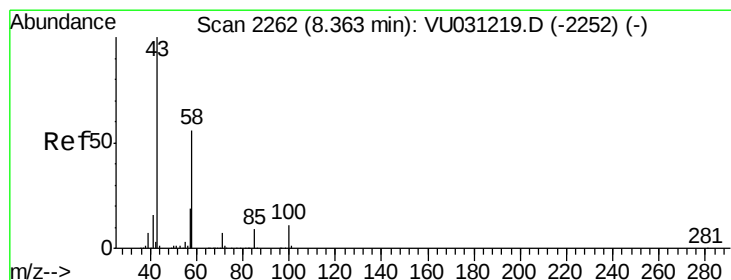
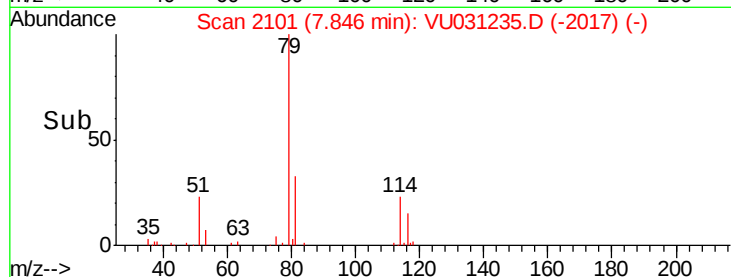
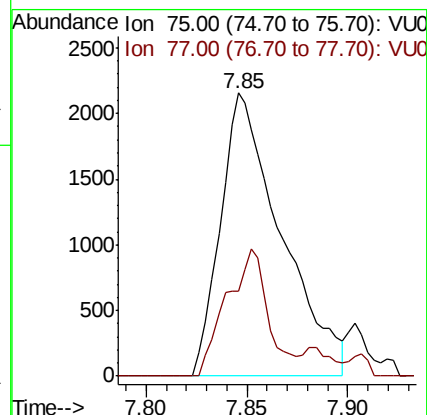
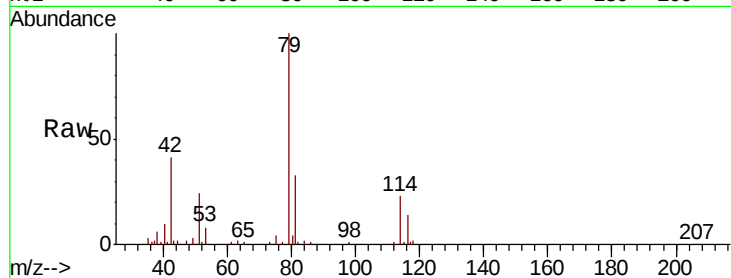
VHBLK01

Tgt Ion: 75 Resp: 4507

Ion Ratio Lower Upper

75 100

77 30.0 22.8 42.4



#48

2-Hexanone

Concen: 2.408 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU031235.D

Acq: 17 Apr 2019 01:49

Tgt Ion: 43 Resp: 11510

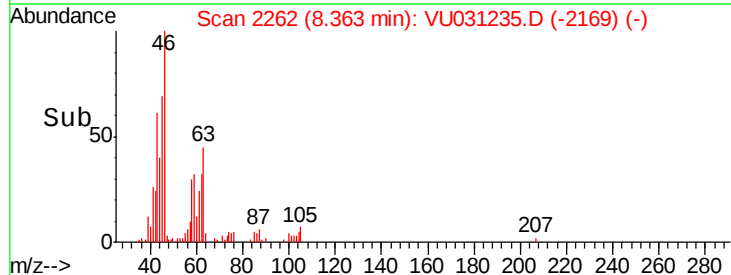
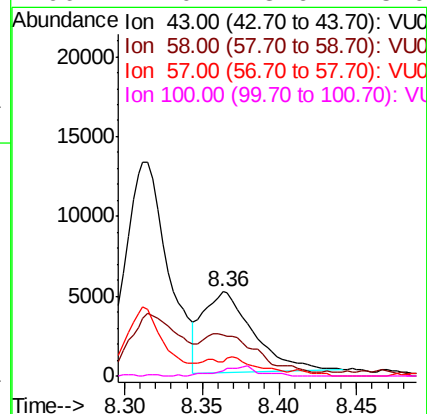
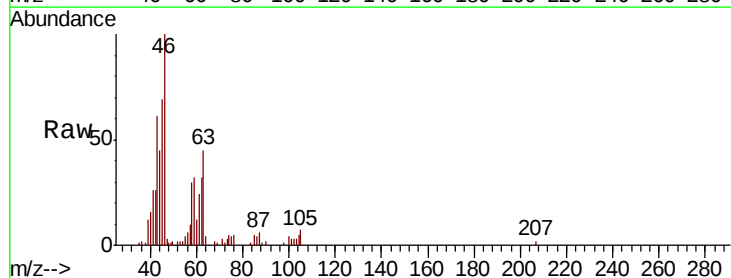
Ion Ratio Lower Upper

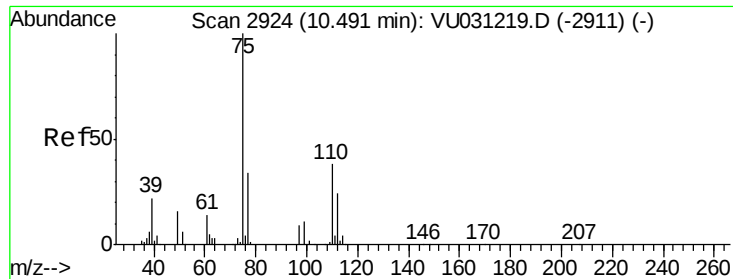
43 100

58 38.1 44.9 67.3#

57 5.4 15.1 22.7#

100 1.0 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 4.160 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031235.D

Acq: 17 Apr 2019 01:49

Instrument :

MSVOA_U

ClientSampleId :

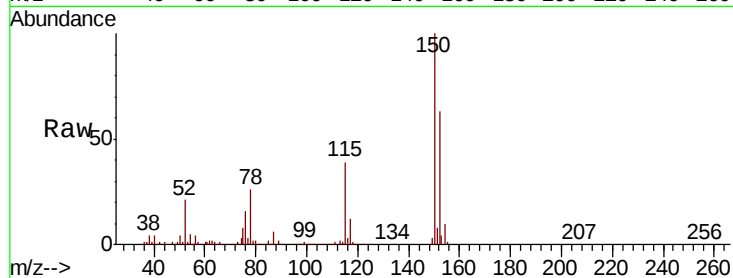
VHBLK01

Tgt Ion: 75 Resp: 21078

Ion Ratio Lower Upper

75 100

77 37.8 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

