

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031157.D
 Acq On : 13 Apr 2019 15:30
 Operator : JC/SP
 Sample : K2354-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1C5

Quant Time: Apr 13 22:30:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 22:25:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	468361	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	469204	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	180875	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	198766	47.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.08%
7) Chloroethane-d5	1.68	69	147051	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.68%
11) 1,1-Dichloroethene-d2	2.27	63	264891	35.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.06%
21) 2-Butanone-d5	4.17	46	293662	88.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.62%
24) Chloroform-d	4.64	84	312820	48.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.96%
26) 1,2-Dichloroethane-d4	5.31	65	214251	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.32%
32) Benzene-d6	5.33	84	642159	46.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.76%
36) 1,2-Dichloropropane-d6	6.32	67	219003	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.30%
41) Toluene-d8	7.56	98	545249	44.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.82%
43) trans-1,3-Dichloropropene-	7.85	79	92562	43.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.48%
47) 2-Hexanone-d5	8.31	63	173029	80.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298491	47.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	189434	53.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.50%

Target Compounds

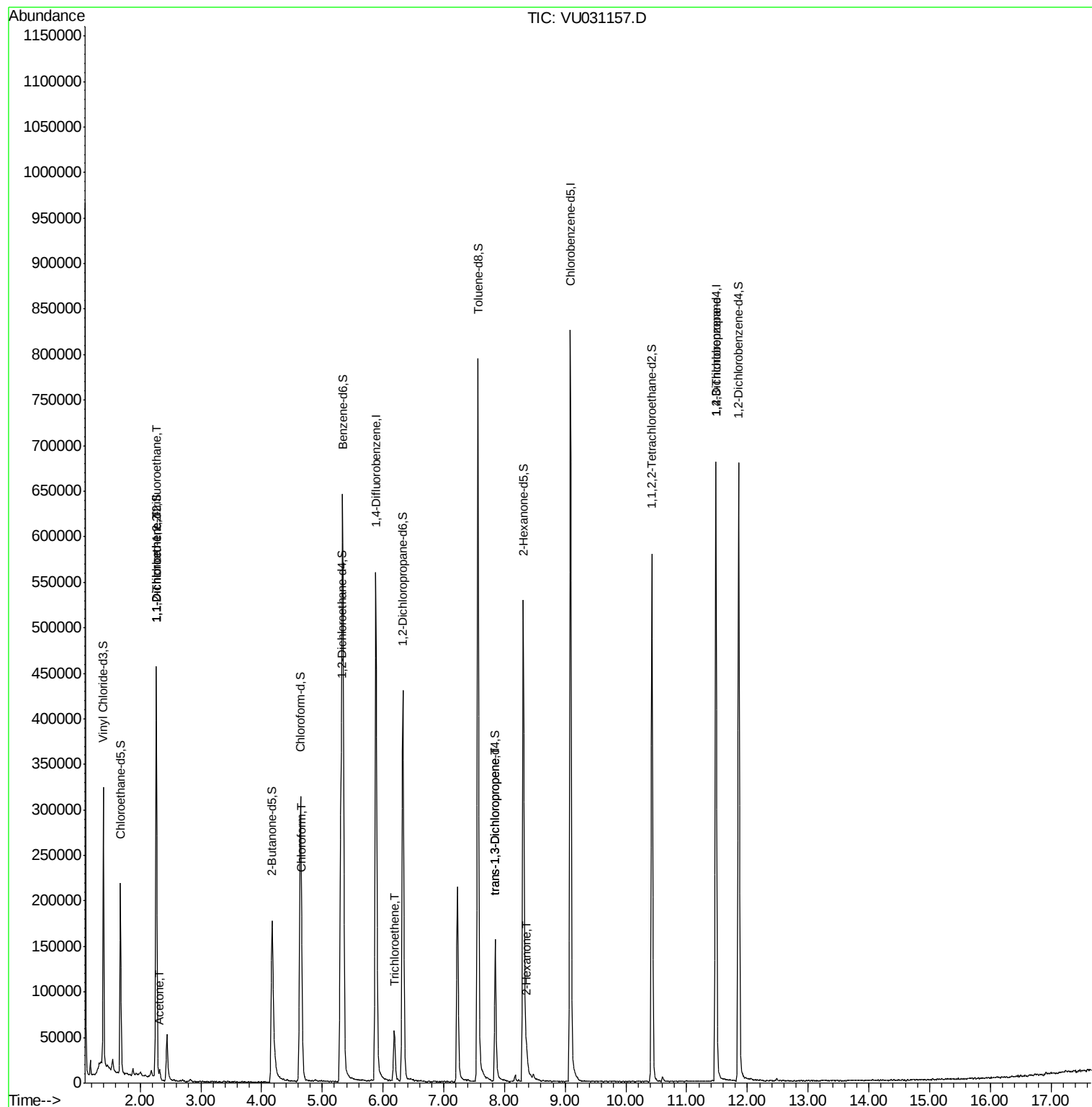
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2312	0.689 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2490	0.769 ug/L #	1
13) Acetone	2.32	43	7687	2.267 ug/L	92
25) Chloroform	4.67	83	10983	1.540 ug/L	87
34) Trichloroethene	6.18	95	20884	5.546 ug/L	91
44) trans-1,3-Dichloropropene	7.85	75	3490	0.640 ug/L #	82
48) 2-Hexanone	8.37	43	11849	2.172 ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	20151	3.870 ug/L	89

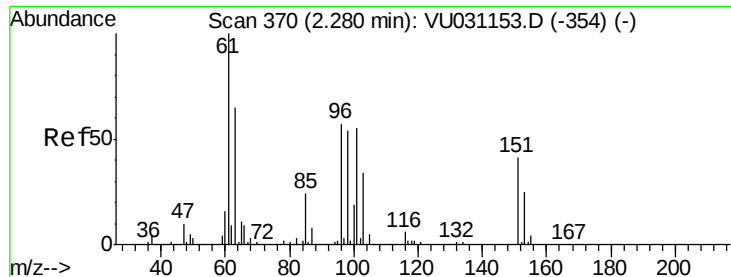
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 13 22:25:59 2019
Response via : Initial Calibration





#10

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

Concen: 0.689 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU031157.D

Acq: 13 Apr 2019 15:30

Instrument :

MSVOA_U

ClientSampled :

BF1C5

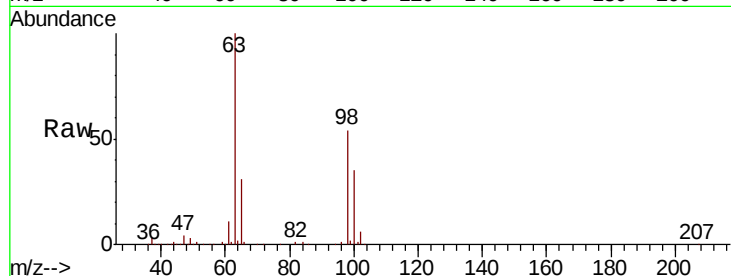
Tot Ion:101 Resp: 2312

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

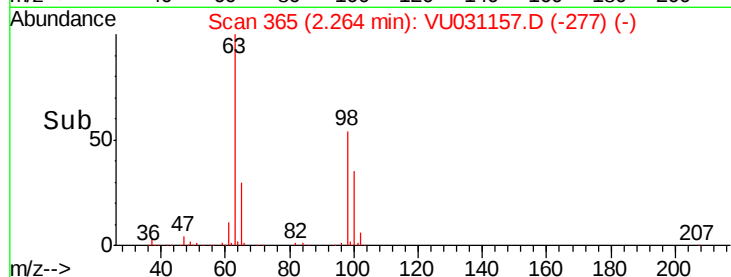
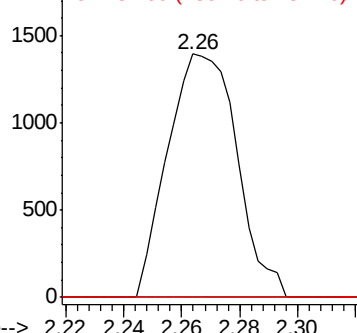
151 0.0 57.4 86.0#



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: 0.769 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031157.D

Acq: 13 Apr 2019 15:30

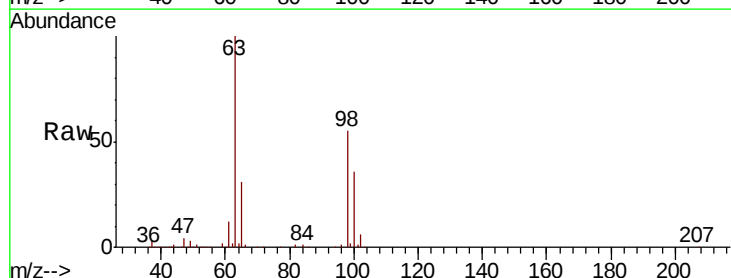
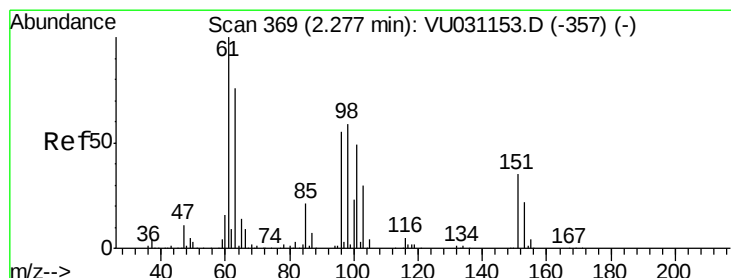
Tgt Ion: 96 Resp: 2490

Ion Ratio Lower Upper

96 100

61 1231.5 132.0 245.2#

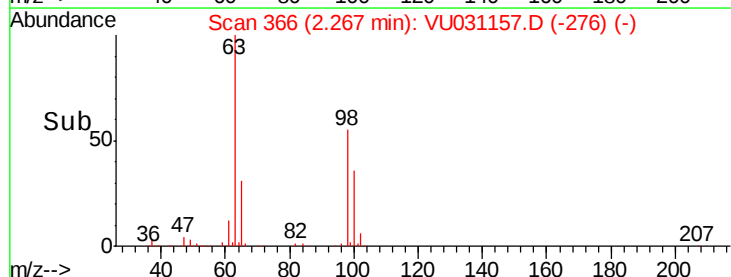
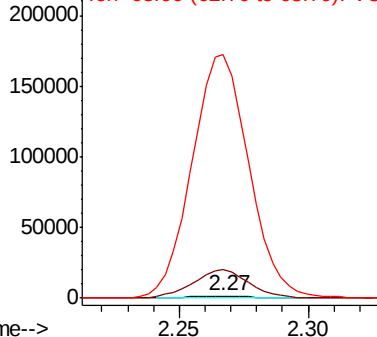
63 10511.8 90.9 168.9#

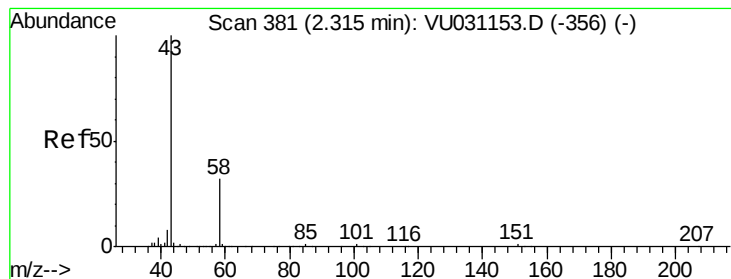


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.267 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031157.D

Acq: 13 Apr 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

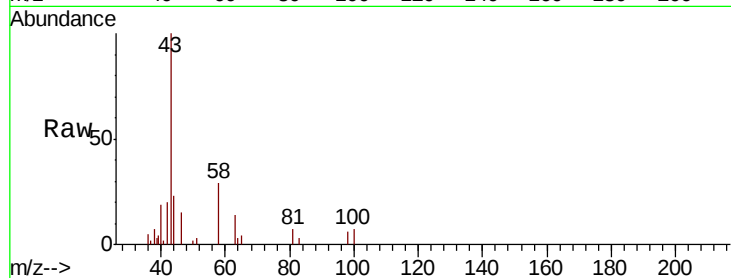
BF1C5

Tot Ion: 43 Resp: 7687

Ion Ratio Lower Upper

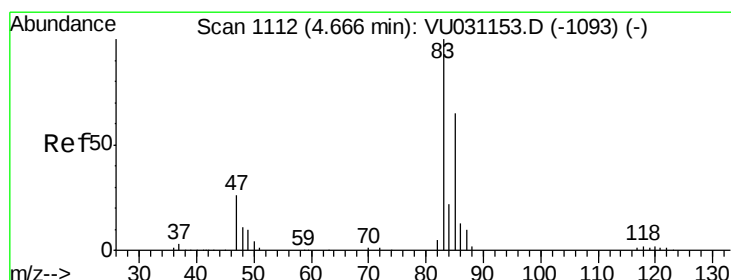
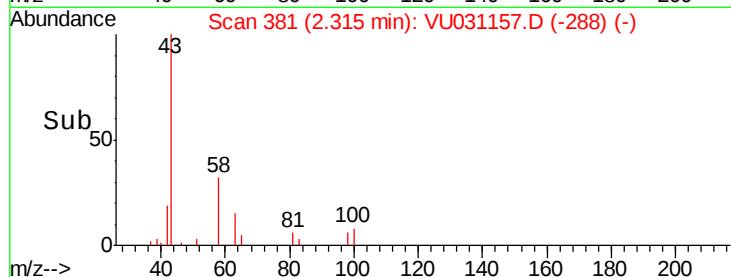
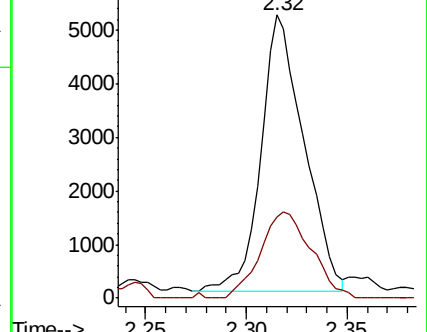
43 100

58 36.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031157.D (-356) (-)

Ion 58.00 (57.70 to 58.70): VU031157.D (-356) (-)



#25

Chloroform

Concen: 1.540 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU031157.D

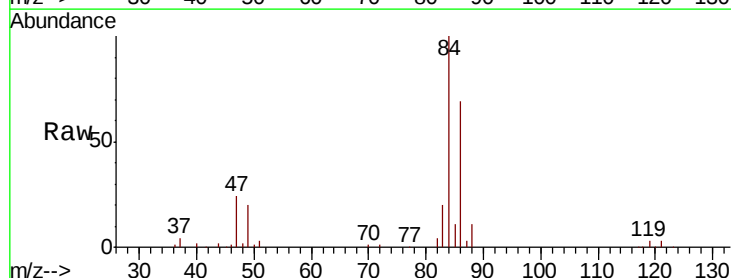
Acq: 13 Apr 2019 15:30

Tgt Ion: 83 Resp: 10983

Ion Ratio Lower Upper

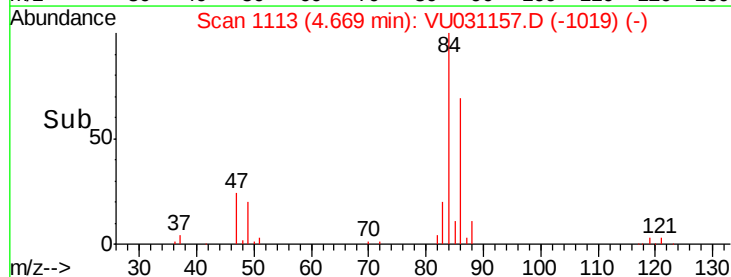
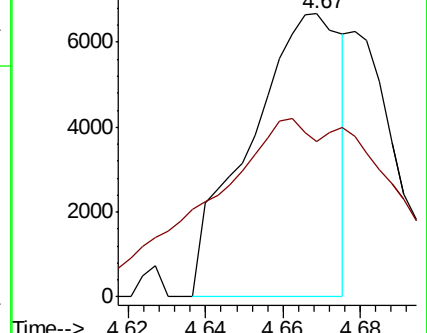
83 100

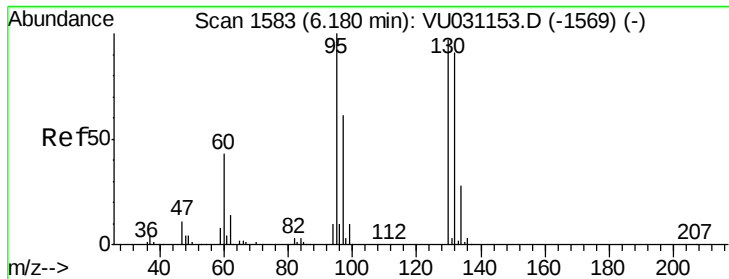
85 54.9 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031157.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VU031157.D (-1019) (-)





#34

Trichloroethene

Concen: 5.546 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031157.D

Acq: 13 Apr 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

BF1C5

Tot Ion: 95 Resp: 20884

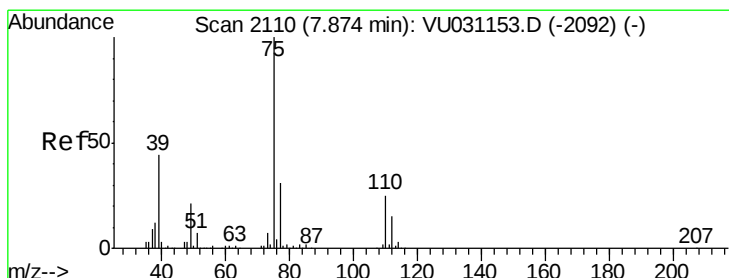
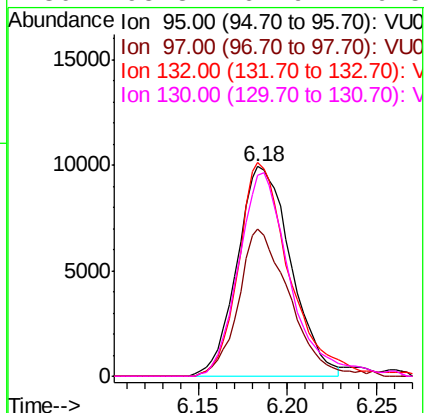
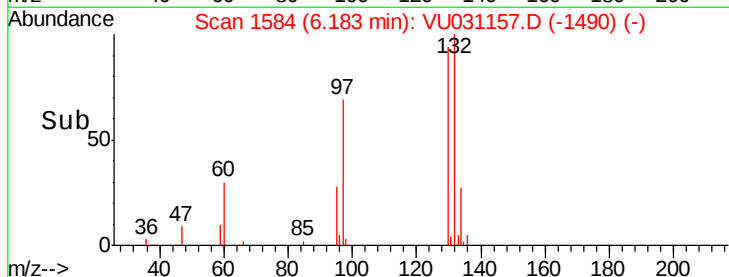
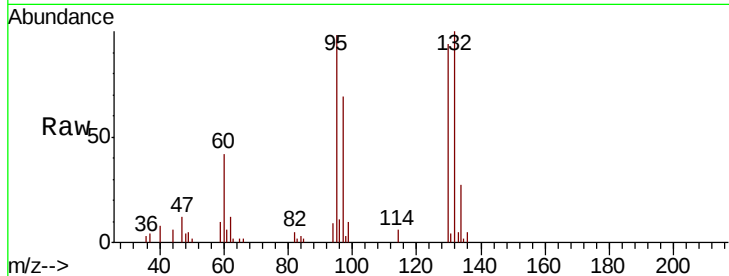
Ion Ratio Lower Upper

95 100

97 70.4 44.5 82.7

132 101.9 61.5 114.1

130 95.8 64.9 120.5



#44

trans-1,3-Dichloropropene

Concen: 0.640 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031157.D

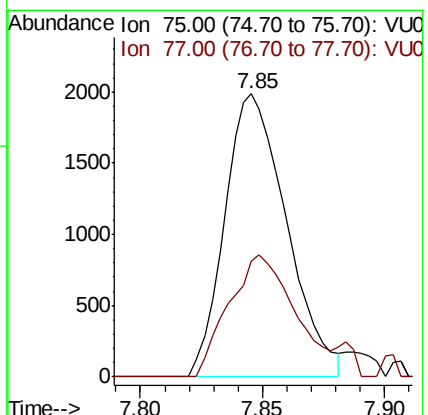
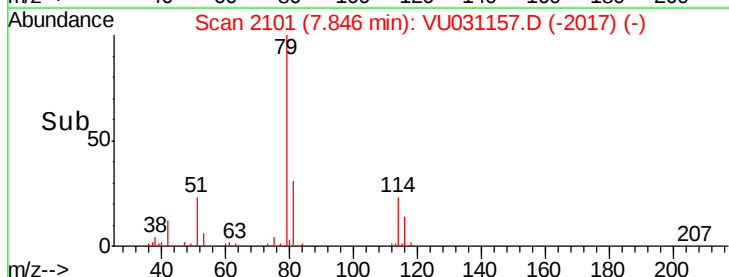
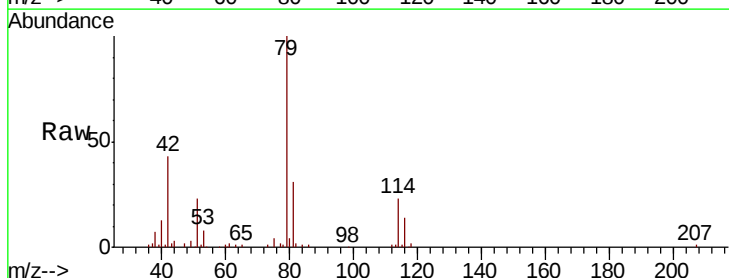
Acq: 13 Apr 2019 15:30

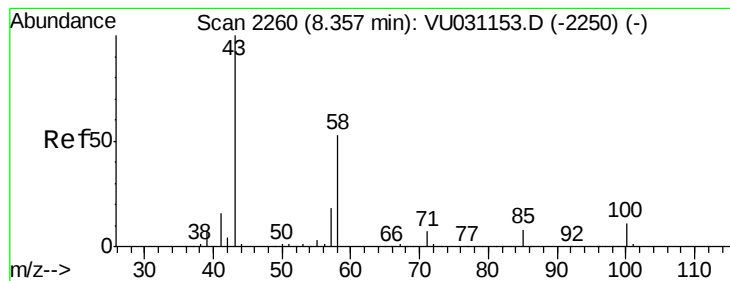
Tgt Ion: 75 Resp: 3490

Ion Ratio Lower Upper

75 100

77 40.8 21.6 40.0#





#48

2-Hexanone

Concen: 2.172 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU031157.D

Acq: 13 Apr 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

BF1C5

Tot Ion: 43 Resp: 11849

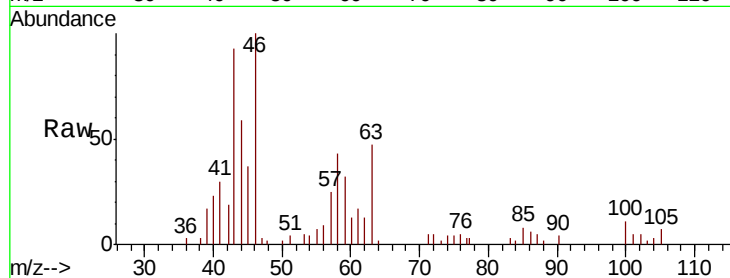
Ion Ratio Lower Upper

43 100

58 31.5 41.9 62.9#

57 16.2 14.3 21.5

100 6.3 7.1 10.7#

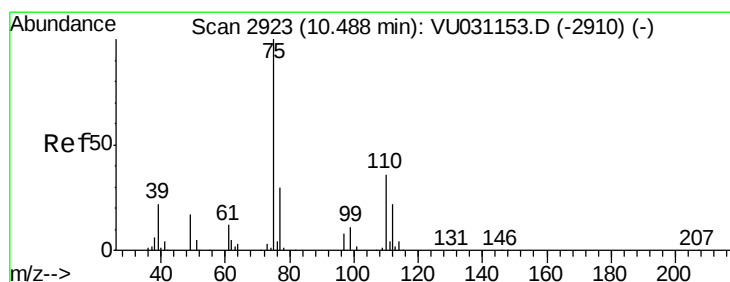
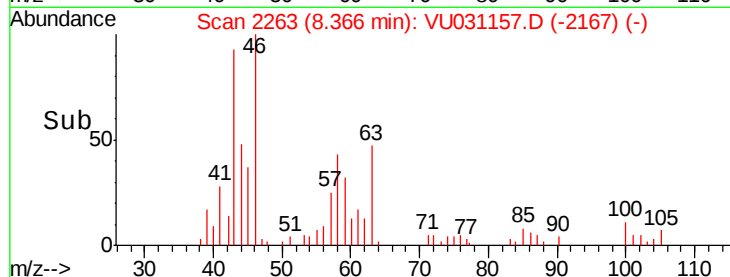
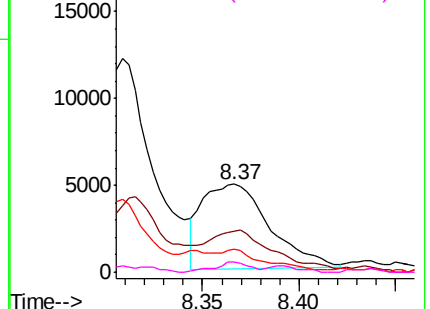


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#59

1,2,3-Trichloropropane

Concen: 3.870 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031157.D

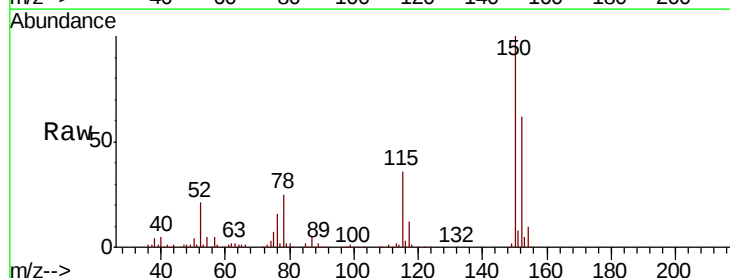
Acq: 13 Apr 2019 15:30

Tgt Ion: 75 Resp: 20151

Ion Ratio Lower Upper

75 100

77 38.9 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

