

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031177.D
 Acq On : 13 Apr 2019 23:38
 Operator : JC/SP
 Sample : K2409-01RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC22

Quant Time: Apr 13 23:58:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 23:49:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	441507	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	448705	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	178116	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	184377	46.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.56%
7) Chloroethane-d5	1.67	69	145980	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.26	63	246291	34.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.10%
21) 2-Butanone-d5	4.17	46	297721	95.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.31%
24) Chloroform-d	4.64	84	311257	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.30	65	212850	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.62%
32) Benzene-d6	5.33	84	600025	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.62%
36) 1,2-Dichloropropane-d6	6.32	67	210970	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.00%
41) Toluene-d8	7.56	98	522750	45.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.04%
43) trans-1,3-Dichloropropene-	7.85	79	88359	43.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.34%
47) 2-Hexanone-d5	8.31	63	186374	90.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	310970	51.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	191157	54.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.14%

Target Compounds

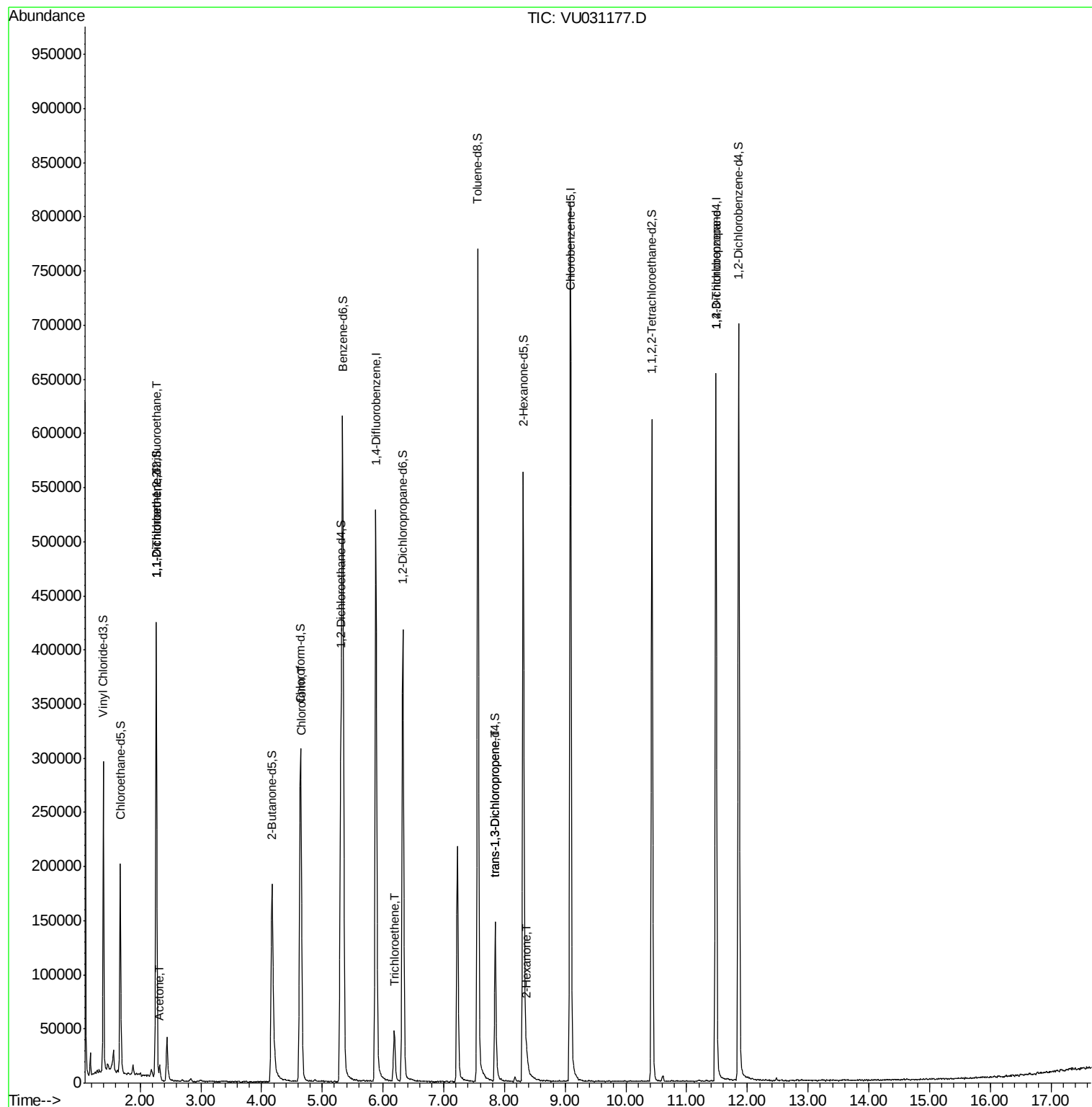
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2089	0.661 ug/L #	22
12) 1,1-Dichloroethene	2.26	96	1999	0.655 ug/L #	1
13) Acetone	2.32	43	12184	3.812 ug/L	93
25) Chloroform	4.66	83	6387	0.950 ug/L	84
34) Trichloroethene	6.18	95	17150	4.762 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3791	0.727 ug/L	94
48) 2-Hexanone	8.37	43	9809	1.880 ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	20285	4.074 ug/L	92

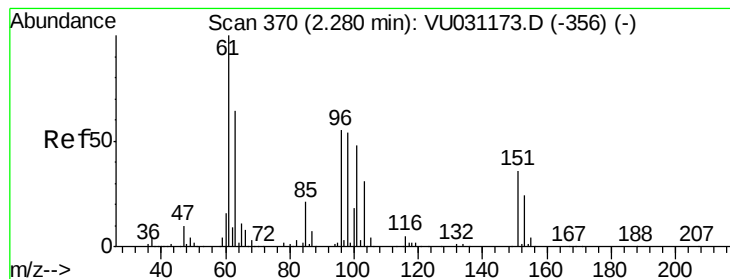
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 13 23:49:21 2019
Response via : Initial Calibration





#10

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

Concen: 0.661 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU031177.D

Acq: 13 Apr 2019 23:38

Instrument :

MSVOA_U

ClientSampleId :

BFC22

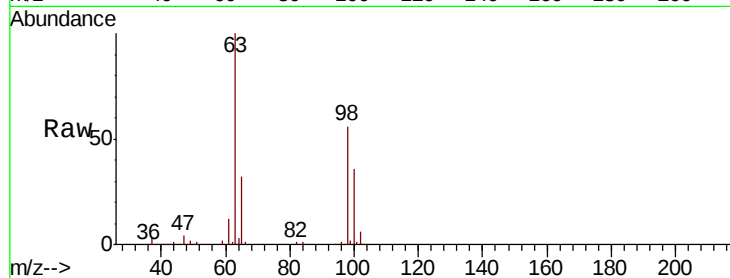
Tot Ion:101 Resp: 2089

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

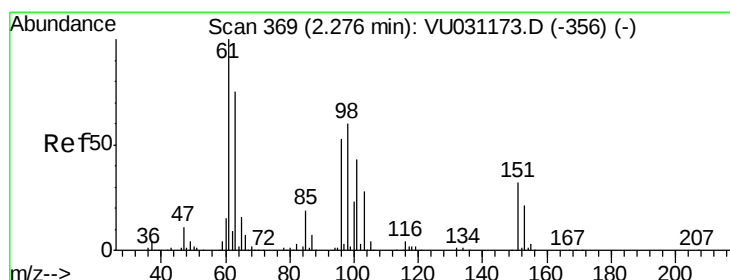
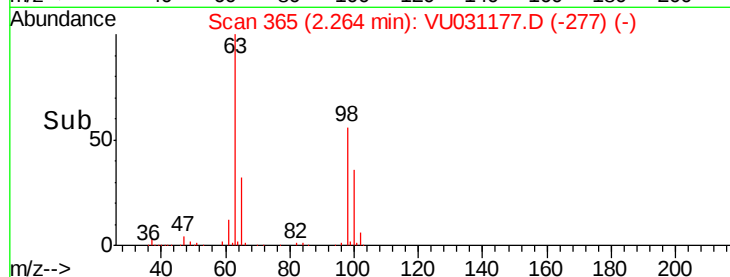
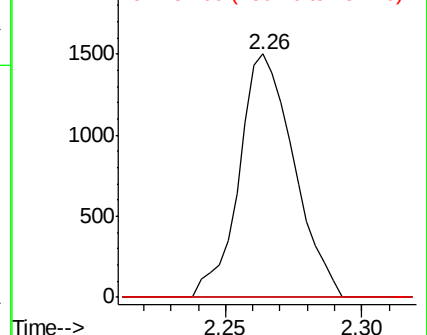
151 1.9 57.4 86.0#



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: 0.655 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU031177.D

Acq: 13 Apr 2019 23:38

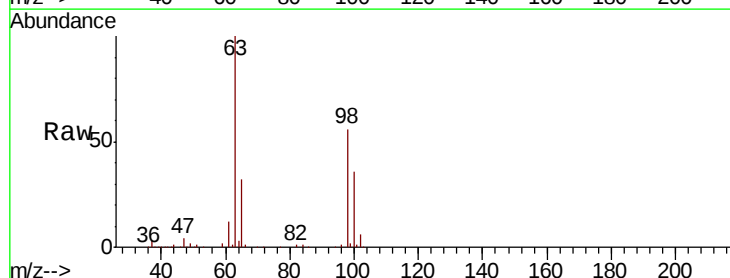
Tgt Ion: 96 Resp: 1999

Ion Ratio Lower Upper

96 100

61 1499.3 132.0 245.2#

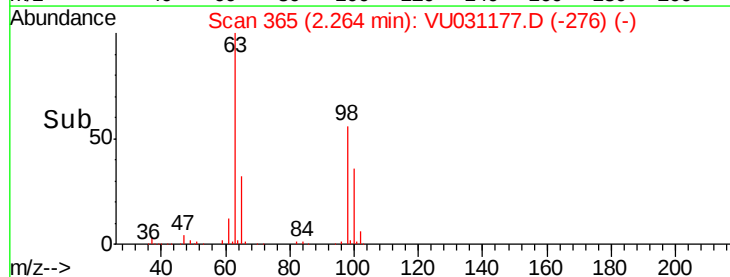
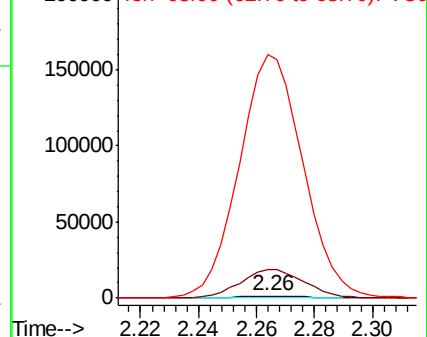
63 12588.5 90.9 168.9#

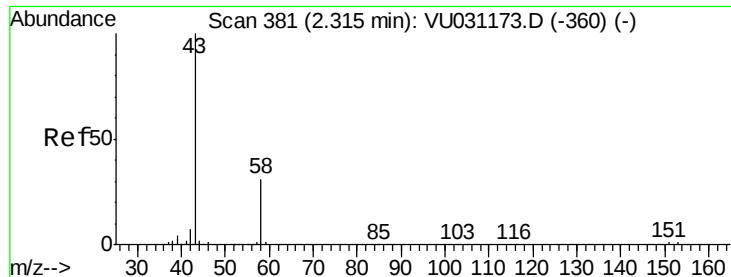


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.812 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031177.D

Acq: 13 Apr 2019 23:38

Instrument :

MSVOA_U

ClientSampleId :

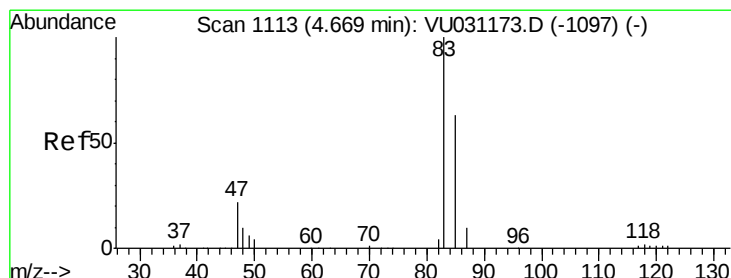
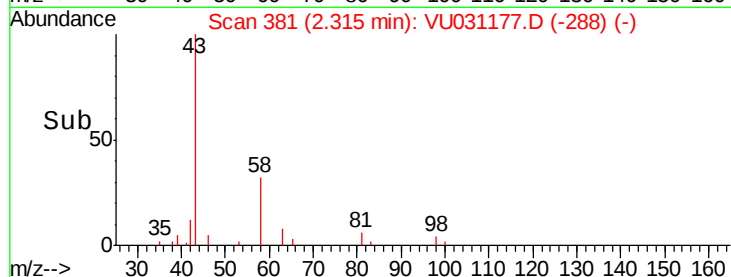
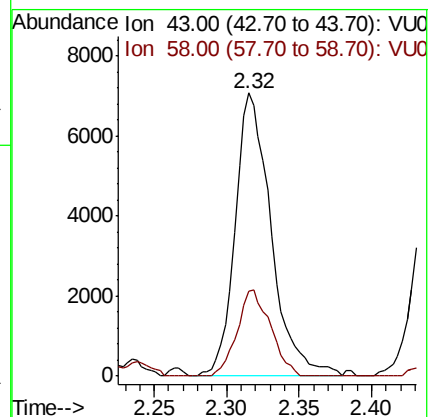
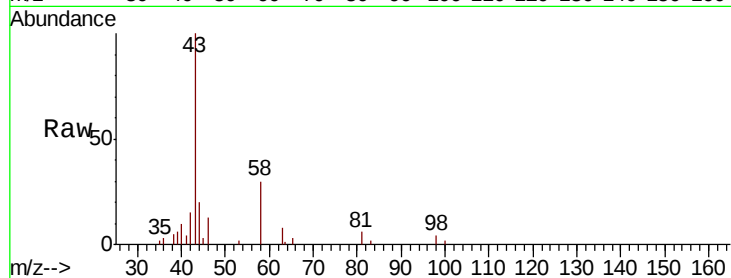
BFC22

Tot Ion: 43 Resp: 12184

Ion Ratio Lower Upper

43 100

58 28.3 0.0 64.0



#25

Chloroform

Concen: 0.950 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VU031177.D

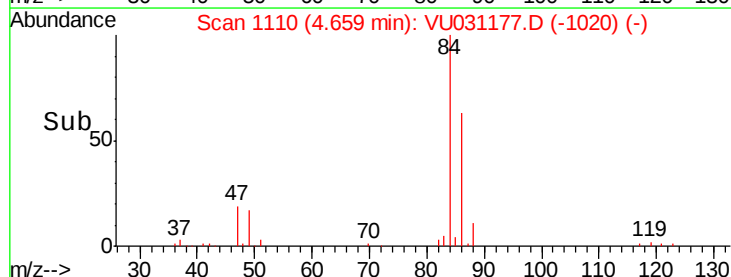
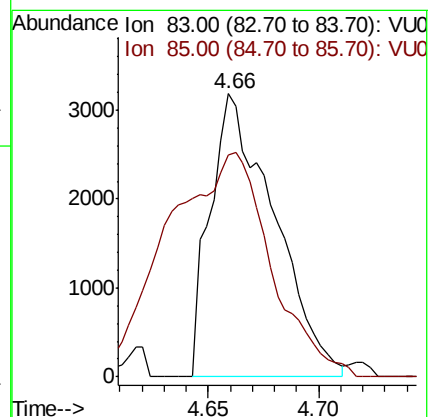
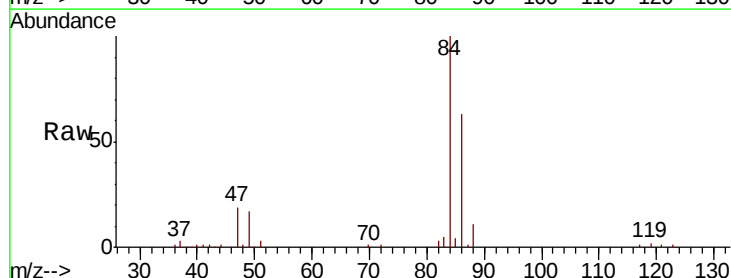
Acq: 13 Apr 2019 23:38

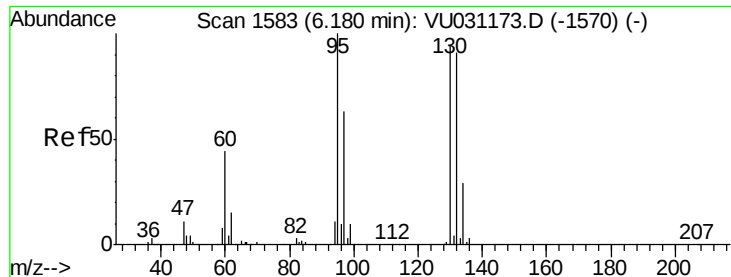
Tgt Ion: 83 Resp: 6387

Ion Ratio Lower Upper

83 100

85 78.2 45.8 85.0





#34

Trichloroethene

Concen: 4.762 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031177.D

Acq: 13 Apr 2019 23:38

Instrument :

MSVOA_U

ClientSampleId :

BFC22

Tot Ion: 95 Resp: 17150

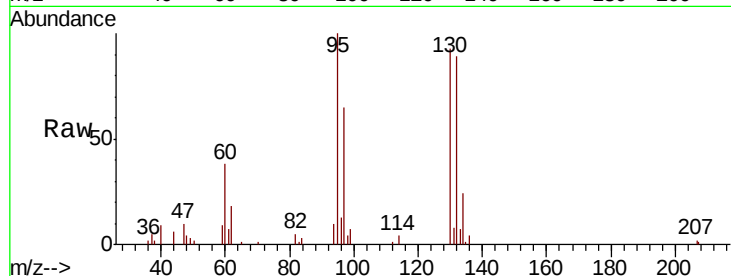
Ion Ratio Lower Upper

95 100

97 64.9 44.5 82.7

132 88.5 61.5 114.1

130 93.3 64.9 120.5

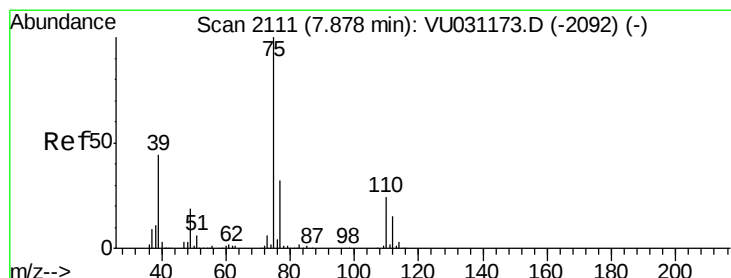
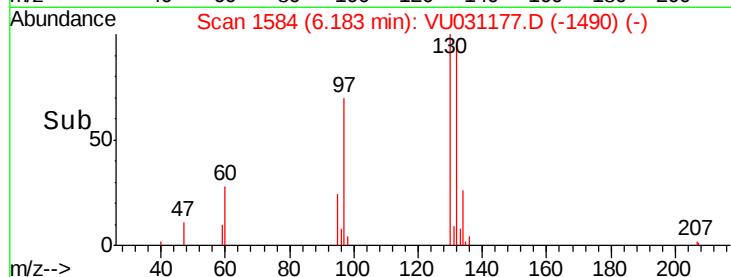
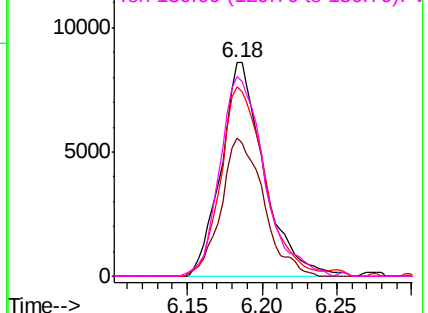


Abundance Ion 95.00 (94.70 to 95.70): VU031177.D (-1490) (-)

Ion 97.00 (96.70 to 97.70): VU031177.D (-1490) (-)

Ion 132.00 (131.70 to 132.70): VU031177.D (-1490) (-)

Ion 130.00 (129.70 to 130.70): VU031177.D (-1490) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.727 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU031177.D

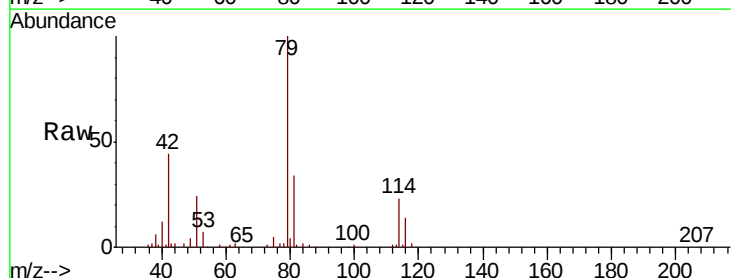
Acq: 13 Apr 2019 23:38

Tgt Ion: 75 Resp: 3791

Ion Ratio Lower Upper

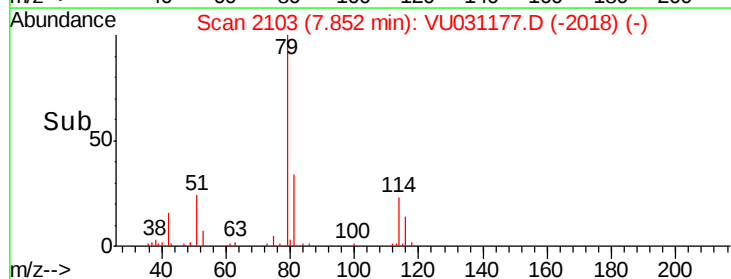
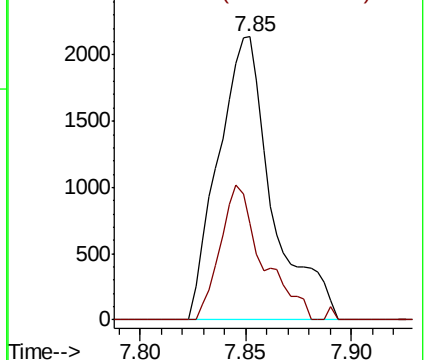
75 100

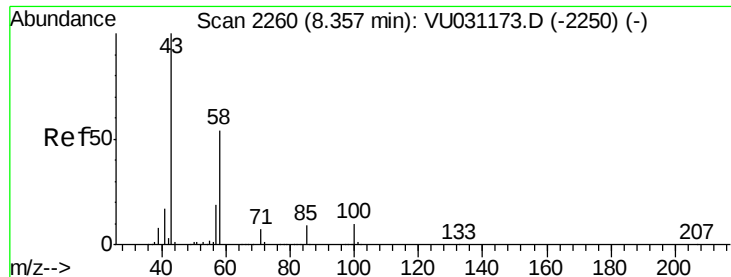
77 33.9 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VU031177.D (-2018) (-)

Ion 77.00 (76.70 to 77.70): VU031177.D (-2018) (-)

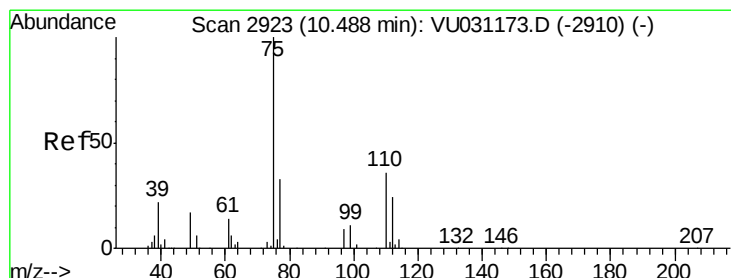
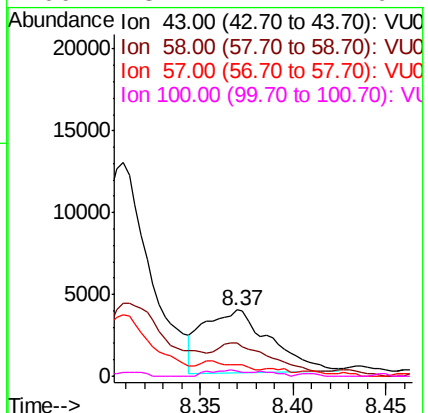
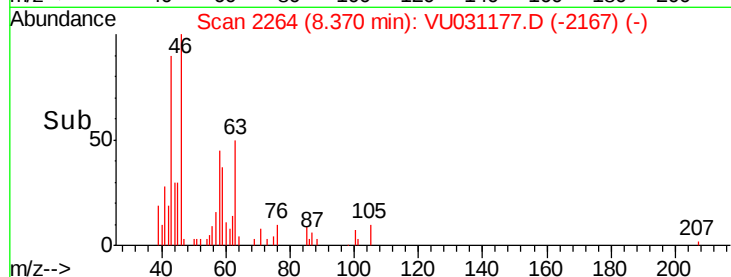
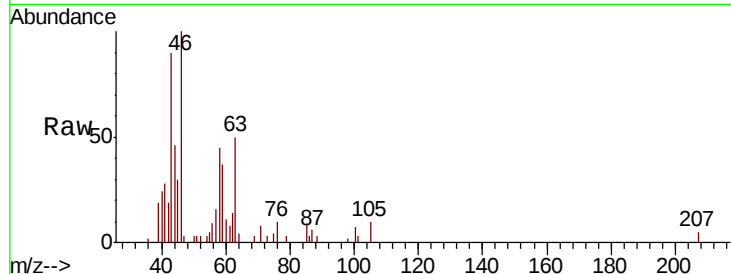




#48
2-Hexanone
Concen: 1.880 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031177.D
Acq: 13 Apr 2019 23:38

Instrument :
MSVOA_U
ClientSampleId :
BFC22

Tot Ion: 43 Resp: 9809
Ion Ratio Lower Upper
43 100
58 36.0 41.9 62.9#
57 0.0 14.3 21.5#
100 3.4 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 4.074 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031177.D
Acq: 13 Apr 2019 23:38

Tgt Ion: 75 Resp: 20285
Ion Ratio Lower Upper
75 100
77 37.2 26.1 39.1

