

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030732.D
 Acq On : 05 Apr 2019 10:51
 Operator : JC/SP
 Sample : K2271-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB7E1

Quant Time: Apr 05 23:45:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:39:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	466674	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	457778	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	195341	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	203089	48.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.50%
7) Chloroethane-d5	1.68	69	163424	51.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.38%
11) 1,1-Dichloroethene-d2	2.27	63	287118	38.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.22%
21) 2-Butanone-d5	4.17	46	333186	100.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.91%
24) Chloroform-d	4.64	84	306302	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
26) 1,2-Dichloroethane-d4	5.30	65	222168	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.32%
32) Benzene-d6	5.34	84	648546	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
36) 1,2-Dichloropropane-d6	6.32	67	232445	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.50%
41) Toluene-d8	7.56	98	566975	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%
43) trans-1,3-Dichloropropene-	7.85	79	102159	48.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.84%
47) 2-Hexanone-d5	8.31	63	203937	97.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	300859	48.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	195190	50.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.62%

Target Compounds

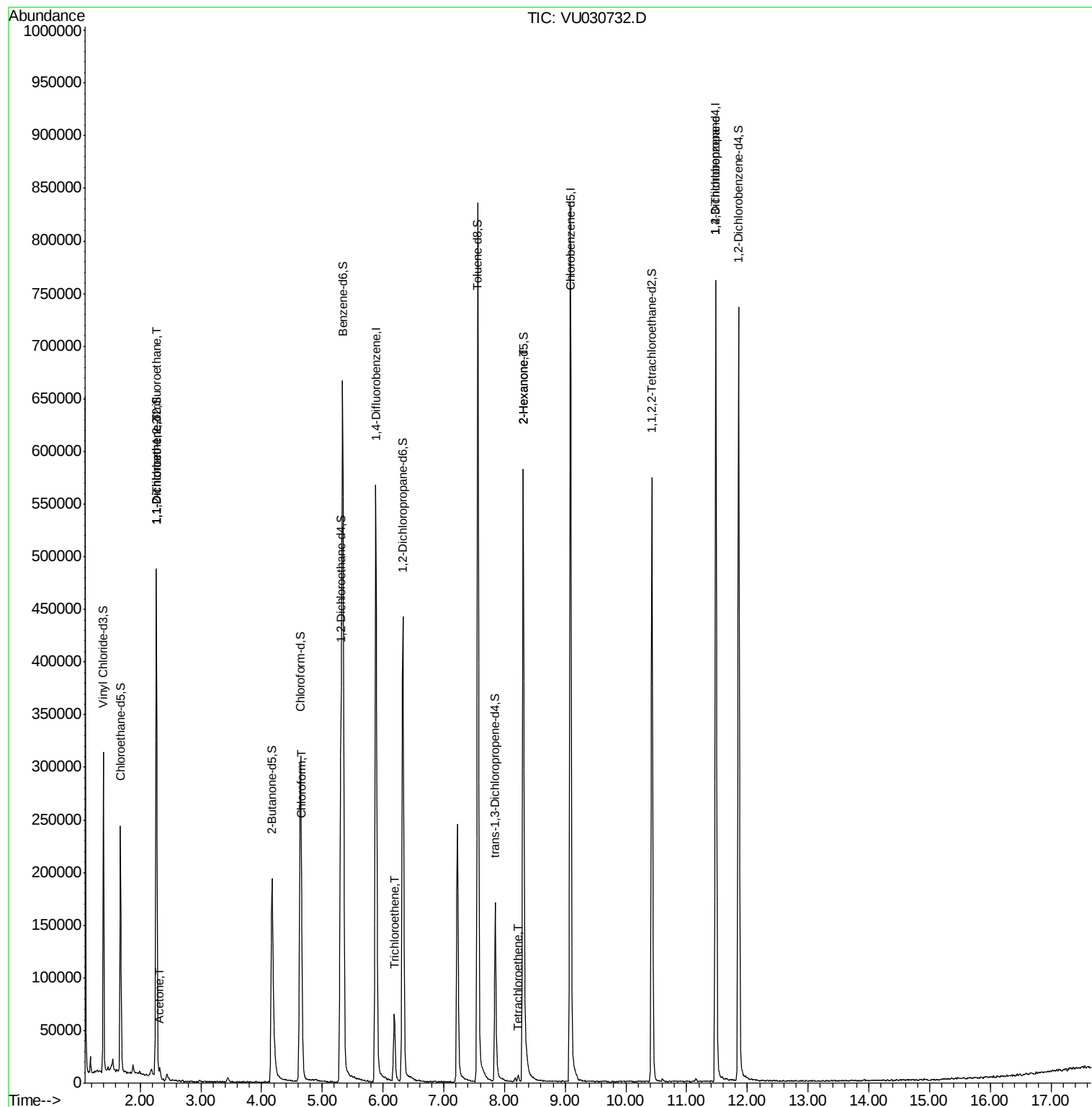
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2489	0.745 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2586	0.802 ug/L #	1
13) Acetone	2.32	43	8022	2.374 ug/L	94
25) Chloroform	4.67	83	17345	2.441 ug/L	97
34) Trichloroethene	6.19	95	23356	6.357 ug/L	98
46) Tetrachloroethene	8.23	164	1243	0.465 ug/L #	76
48) 2-Hexanone	8.31	43	24379	4.581 ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	26258	5.169 ug/L	95

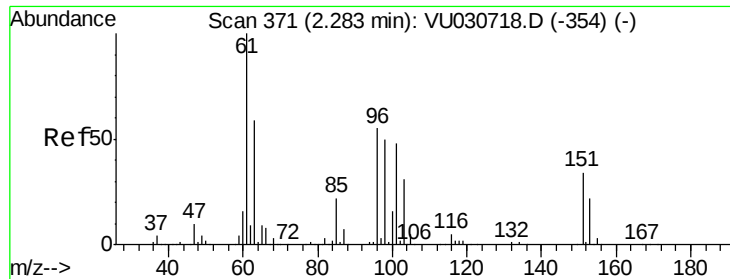
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 05 23:39:17 2019
Response via : Initial Calibration





#10

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

Concen: 0.745 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU030732.D

Acq: 05 Apr 2019 10:51

Instrument :

MSVOA_U

ClientSampleId :

DB7E1

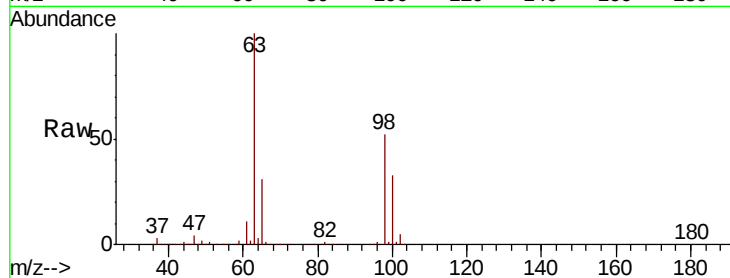
Tot Ion:101 Resp: 2489

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

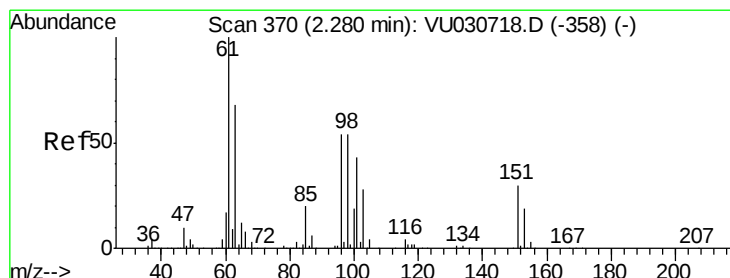
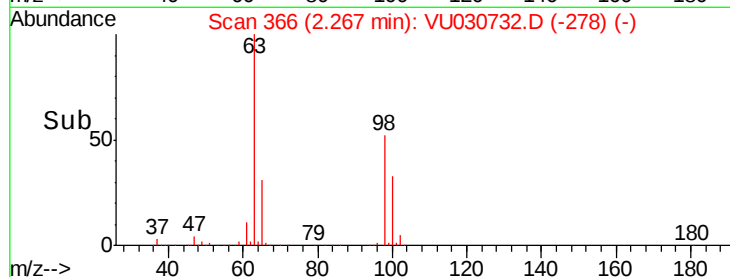
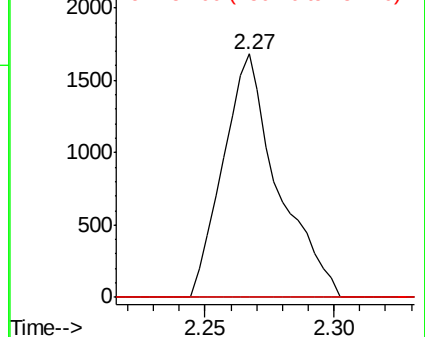
151 0.0 57.4 86.0#



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: 0.802 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030732.D

Acq: 05 Apr 2019 10:51

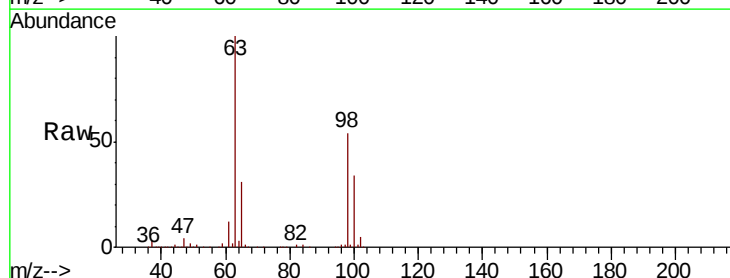
Tgt Ion: 96 Resp: 2586

Ion Ratio Lower Upper

96 100

61 1237.0 132.0 245.2#

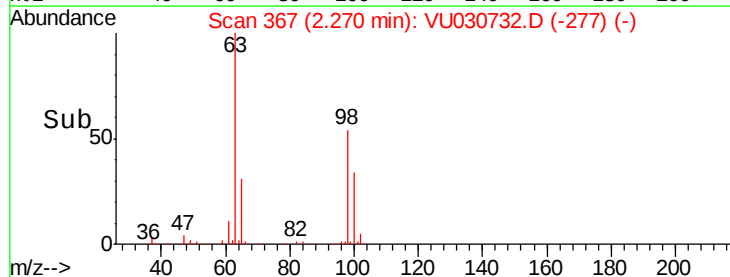
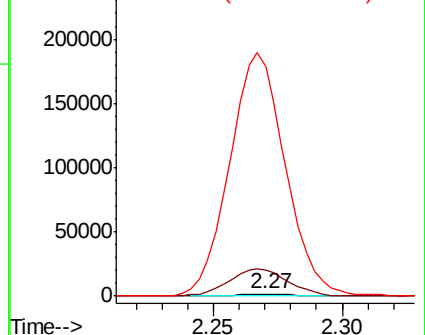
63 10702.5 90.9 168.9#

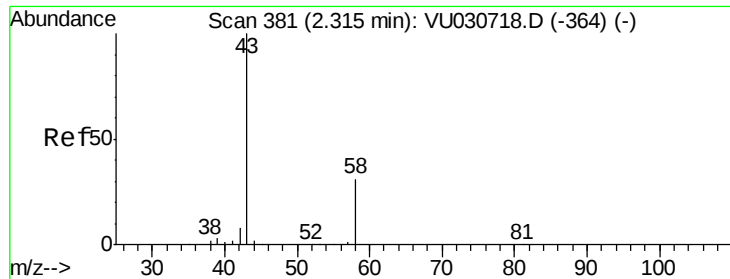


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.374 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030732.D

Acq: 05 Apr 2019 10:51

Instrument :

MSVOA_U

ClientSampleId :

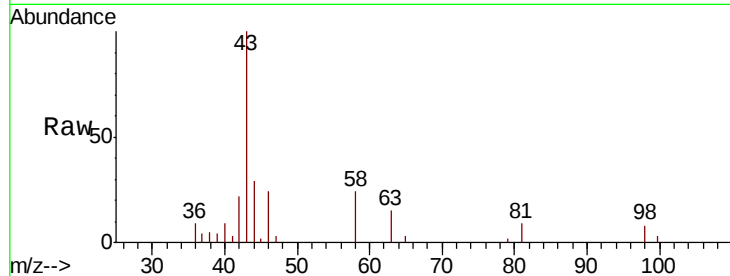
DB7E1

Tot Ion: 43 Resp: 8022

Ion Ratio Lower Upper

43 100

58 28.7 0.0 64.0

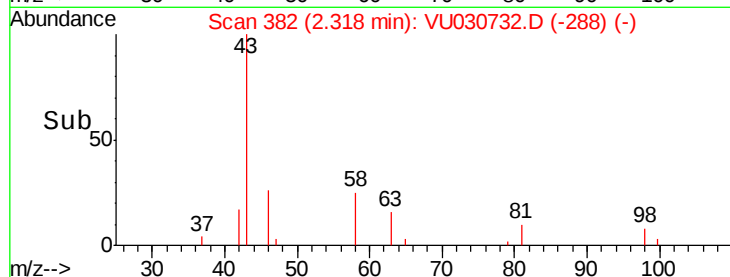


Abundance Ion 43.00 (42.70 to 43.70): VU030732.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU030732.D (-288) (-)

2.32

Time-->



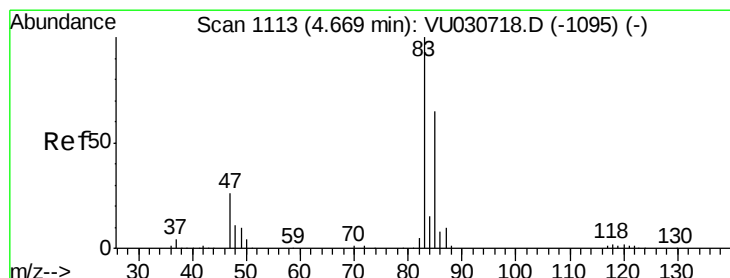
Abundance

Ion 43.00 (42.70 to 43.70): VU030732.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU030732.D (-288) (-)

2.32

Time-->



#25

Chloroform

Concen: 2.441 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU030732.D

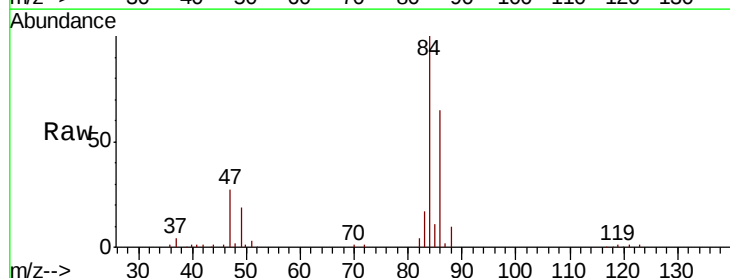
Acq: 05 Apr 2019 10:51

Tgt Ion: 83 Resp: 17345

Ion Ratio Lower Upper

83 100

85 67.6 45.8 85.0

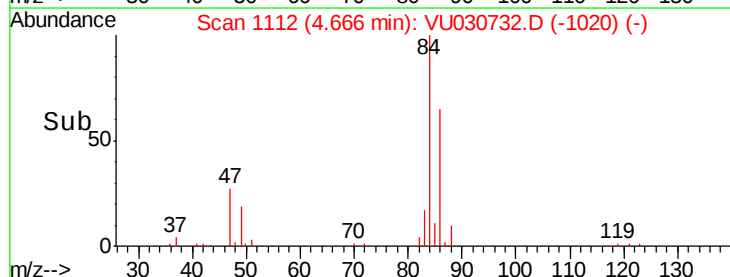


Abundance Ion 83.00 (82.70 to 83.70): VU030732.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VU030732.D (-1020) (-)

4.67

Time-->



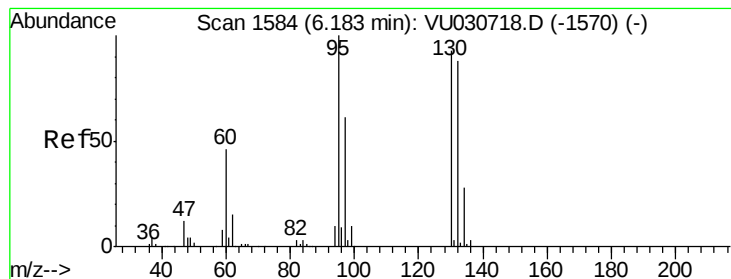
Abundance

Ion 83.00 (82.70 to 83.70): VU030732.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VU030732.D (-1020) (-)

4.67

Time-->



#34

Trichloroethene

Concen: 6.357 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU030732.D

Acq: 05 Apr 2019 10:51

Instrument :

MSVOA_U

ClientSampleId :

DB7E1

Tot Ion: 95 Resp: 23356

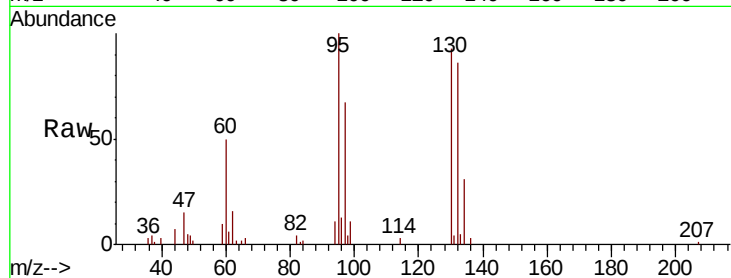
Ion Ratio Lower Upper

95 100

97 67.5 44.5 82.7

132 86.3 61.5 114.1

130 93.4 64.9 120.5

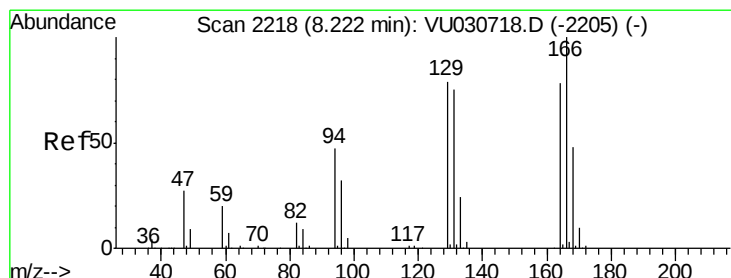
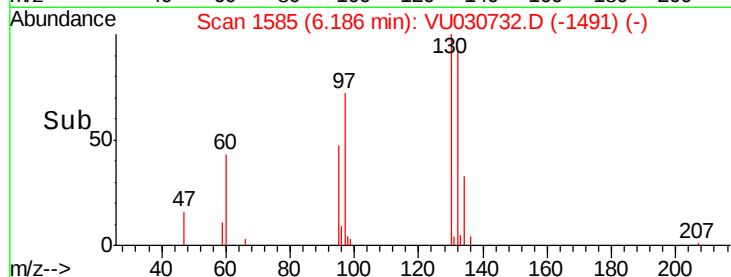
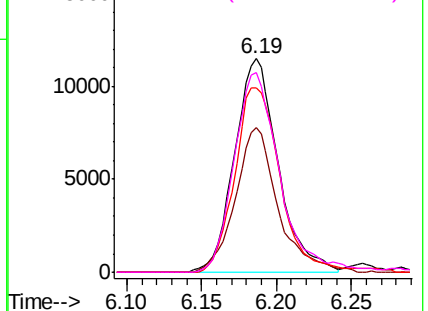


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 0.465 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU030732.D

Acq: 05 Apr 2019 10:51

Tgt Ion: 164 Resp: 1243

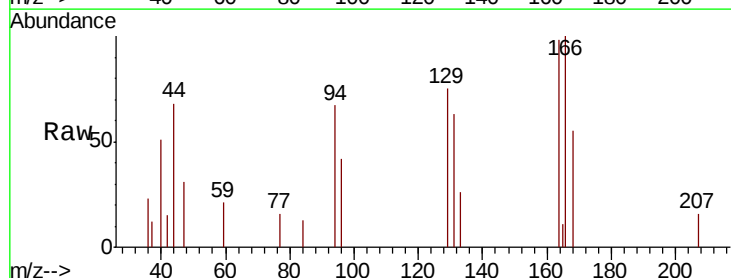
Ion Ratio Lower Upper

164 100

129 77.1 67.4 125.2

131 64.0 65.9 122.5#

166 102.4 88.6 164.6

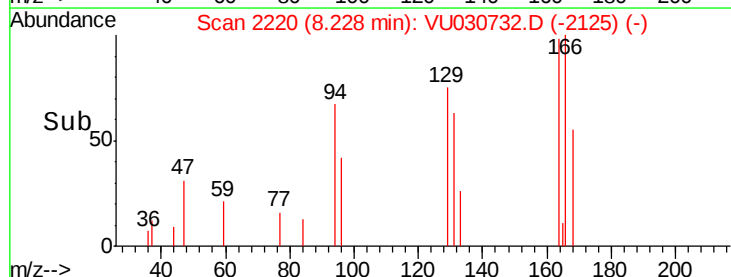
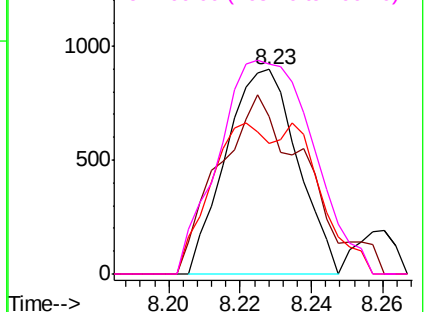


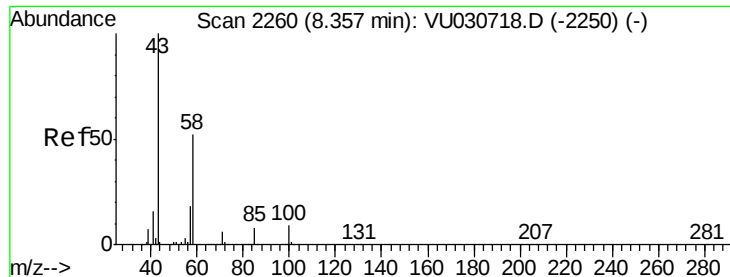
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

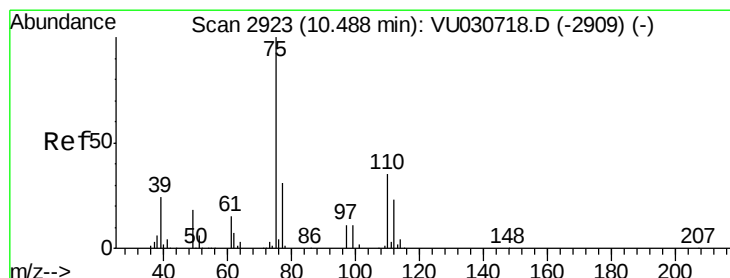
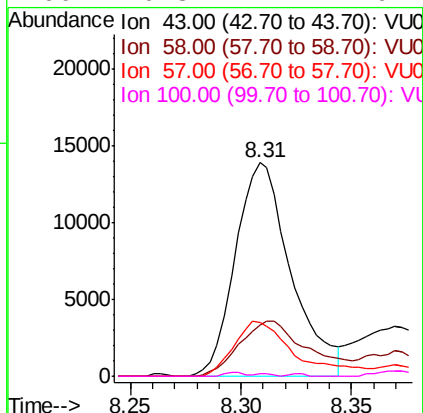
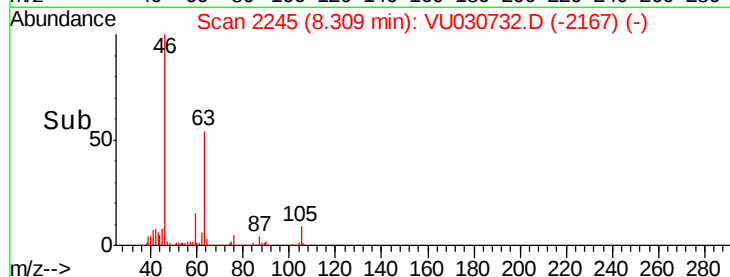
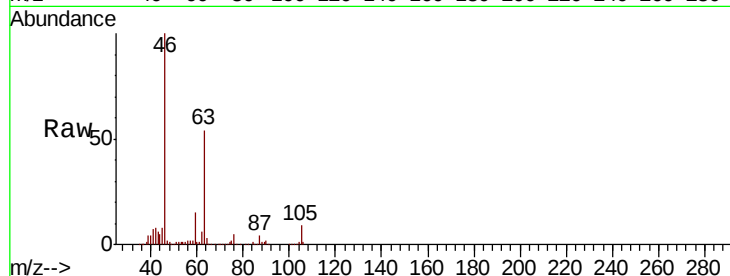




#48
 2-Hexanone
 Concen: 4.581 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU030732.D
 Acq: 05 Apr 2019 10:51

Instrument :
 MSVOA_U
 ClientSampleId :
 DB7E1

Tot Ion: 43 Resp: 24379
 Ion Ratio Lower Upper
 43 100
 58 32.1 41.9 62.9#
 57 28.4 14.3 21.5#
 100 0.3 7.1 10.7#



#59
 1,2,3-Trichloropropane
 Concen: 5.169 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030732.D
 Acq: 05 Apr 2019 10:51

Tgt Ion: 75 Resp: 26258
 Ion Ratio Lower Upper
 75 100
 77 35.6 26.1 39.1

