

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031788.D
 Acq On : 06 May 2019 18:39
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 08:50:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 08:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	563123	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	545448	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	194415	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	250842	53.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.44%
7) Chloroethane-d5	1.68	69	205403	56.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.27	63	383342	40.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.68%
21) 2-Butanone-d5	4.18	46	590078	138.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	138.19%#
24) Chloroform-d	4.64	84	492530	57.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.12%
26) 1,2-Dichloroethane-d4	5.31	65	341030	60.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.96%
32) Benzene-d6	5.34	84	911063	54.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.78%
36) 1,2-Dichloropropane-d6	6.33	67	343824	58.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.70%
41) Toluene-d8	7.56	98	710653	48.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.42%
43) trans-1,3-Dichloropropene-	7.85	79	130779	51.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.40%
47) 2-Hexanone-d5	8.31	63	312483	122.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	450302	56.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	228968	56.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

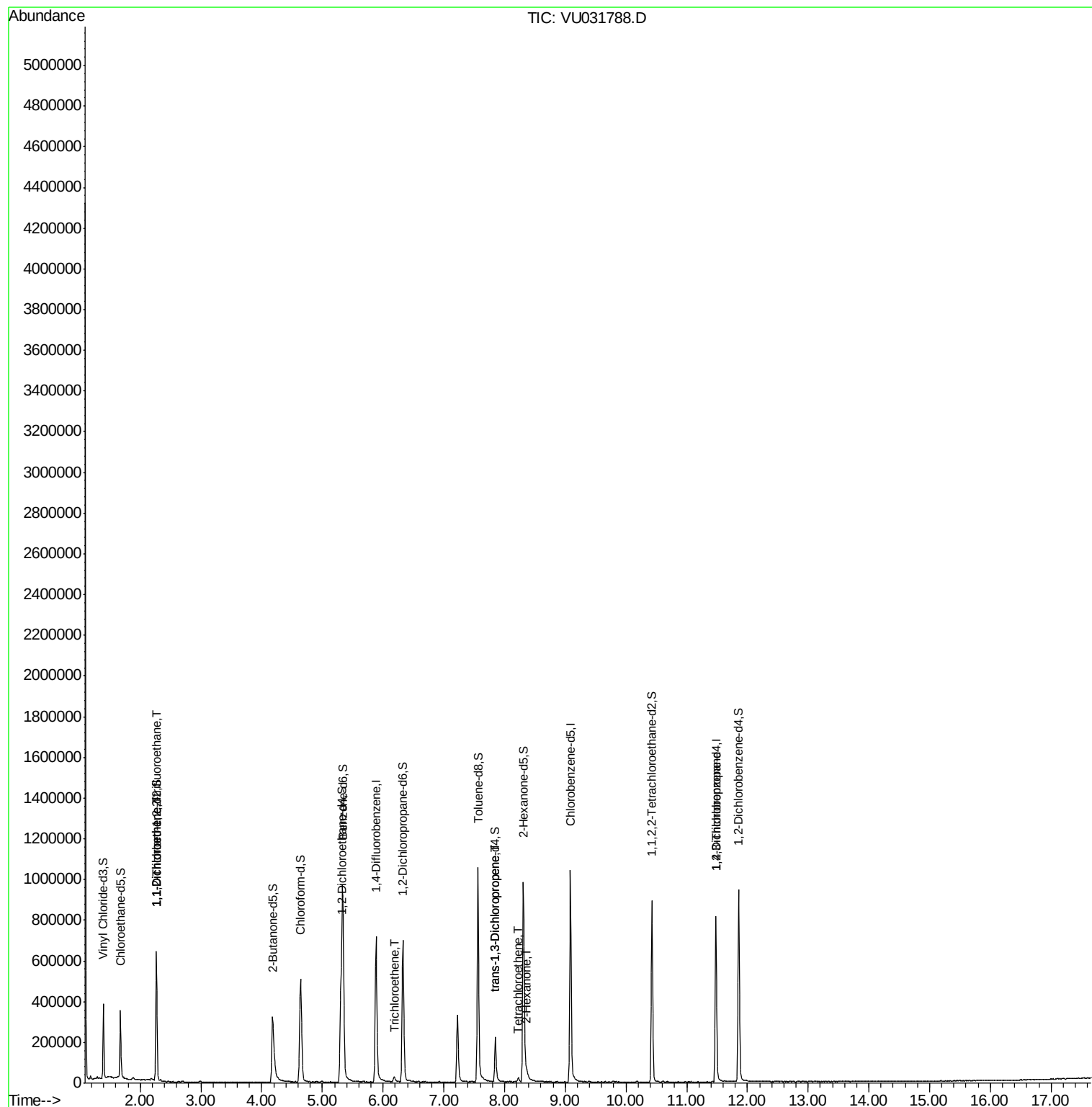
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3159	0.700	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	3438	0.783	ug/L #	1
34) Trichloroethene	6.19	95	5786	1.190	ug/L	83
44) trans-1,3-Dichloropropene	7.85	75	5914	0.867	ug/L	90
46) Tetrachloroethene	8.22	164	2673	0.807	ug/L	90
48) 2-Hexanone	8.37	43	22704	3.205	ug/L #	44
59) 1,2,3-Trichloropropane	11.48	75	30484	4.516	ug/L	90

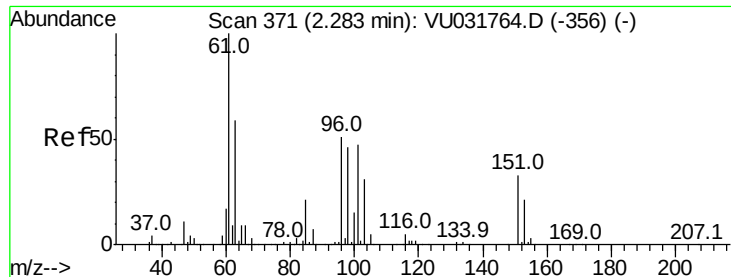
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050619\
Data File : VU031788.D
Acq On : 06 May 2019 18:39
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 07 08:50:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 07 08:38:32 2019
Response via : Initial Calibration





#10

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

Concen: 0.700 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031788.D

Acq: 06 May 2019 18:39

Instrument :

MSVOA_U

ClientSampleId :

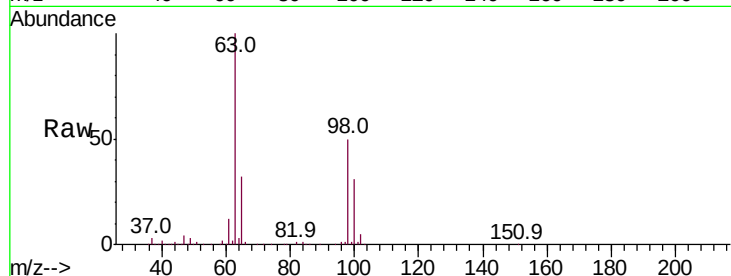
Tot Ion:101 Resp: 3159

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

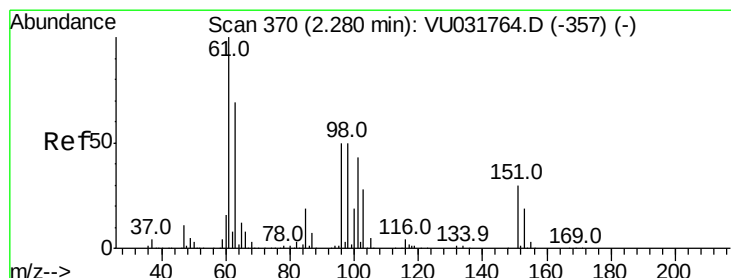
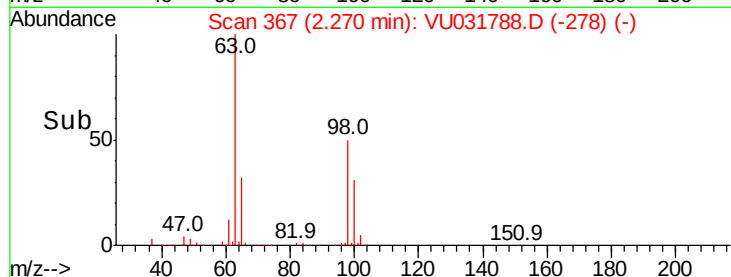
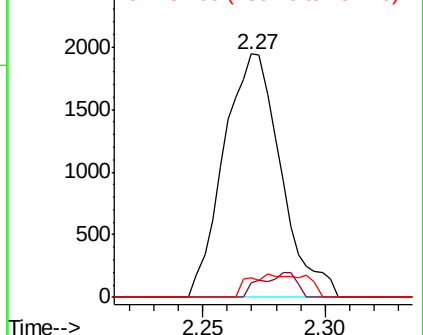
151 2.7 56.1 84.1#



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: 0.783 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031788.D

Acq: 06 May 2019 18:39

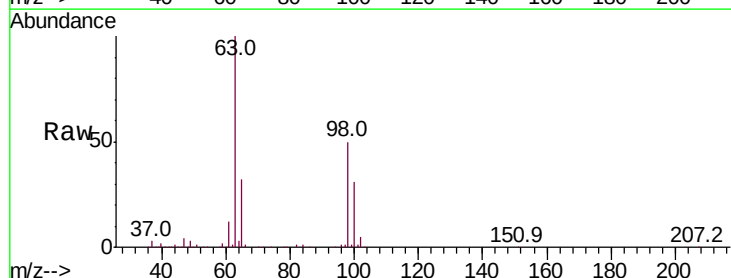
Tgt Ion: 96 Resp: 3438

Ion Ratio Lower Upper

96 100

61 1427.9 135.0 250.6#

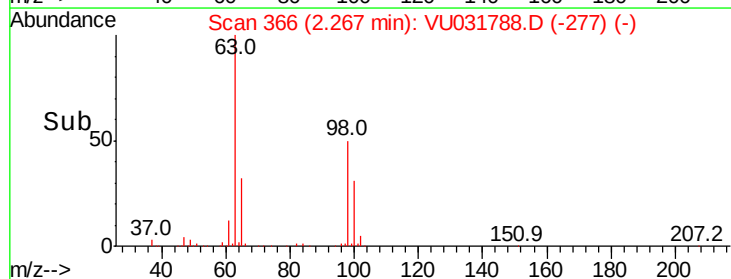
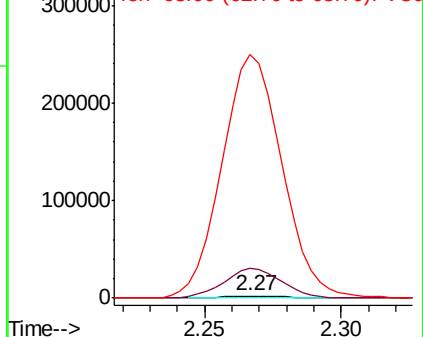
63 11520.6 103.5 192.3#

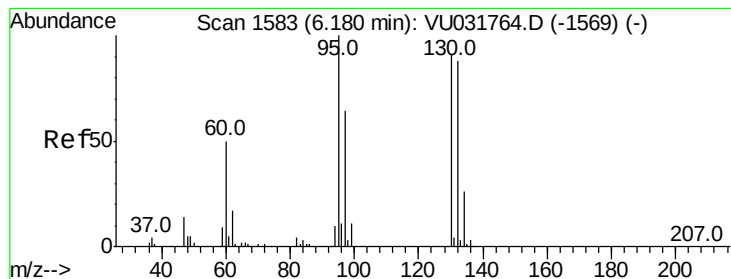


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#34

Trichloroethene

Concen: 1.190 ug/L

RT: 6.19 min Scan# 1587

Delta R.T. 0.01 min

Lab File: VU031788.D

Acq: 06 May 2019 18:39

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 5786

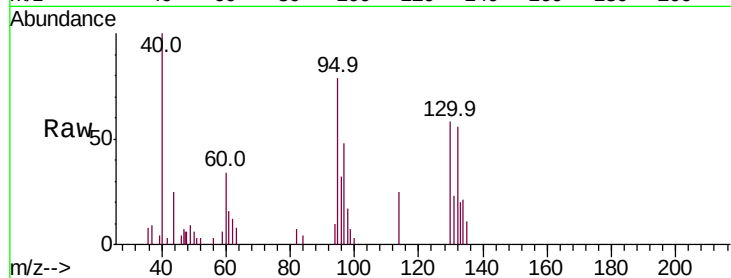
Ion Ratio Lower Upper

95 100

97 60.7 44.8 83.2

132 71.3 63.1 117.1

130 73.7 66.5 123.5

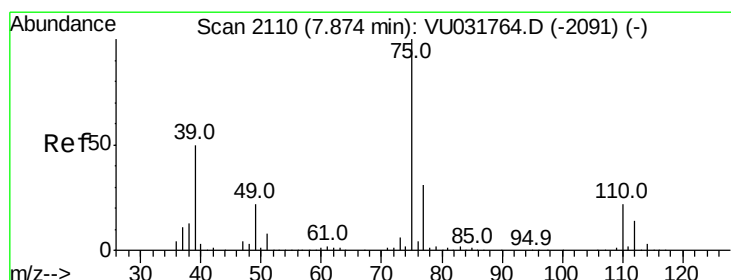
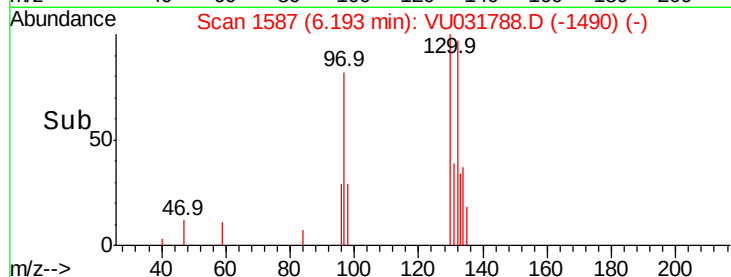
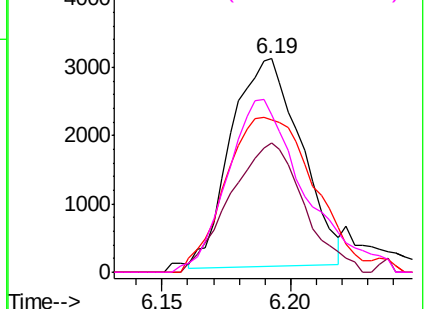


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#44

trans-1,3-Dichloropropene

Concen: 0.867 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031788.D

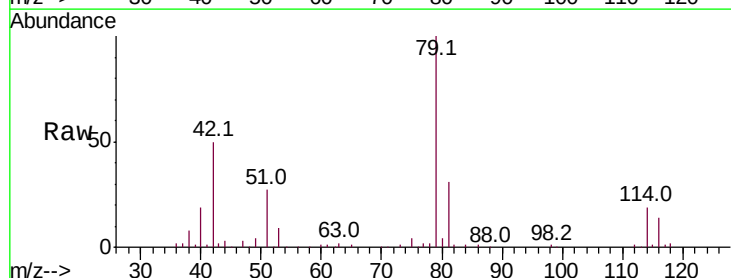
Acq: 06 May 2019 18:39

Tgt Ion: 75 Resp: 5914

Ion Ratio Lower Upper

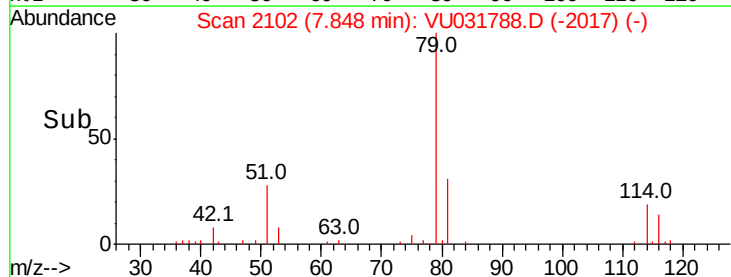
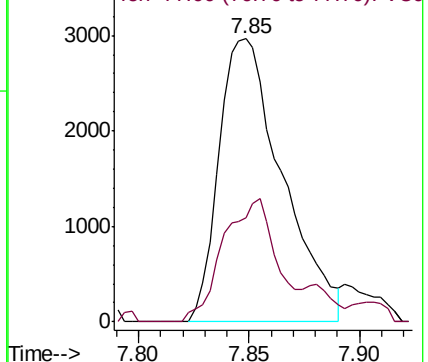
75 100

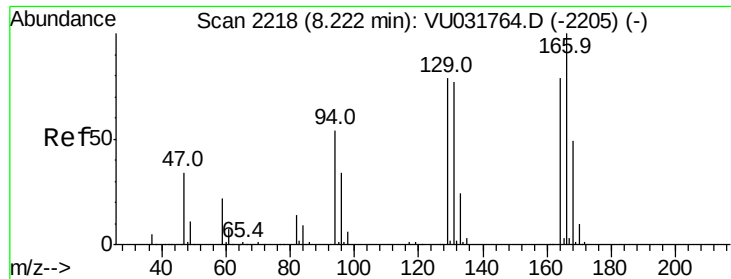
77 36.9 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

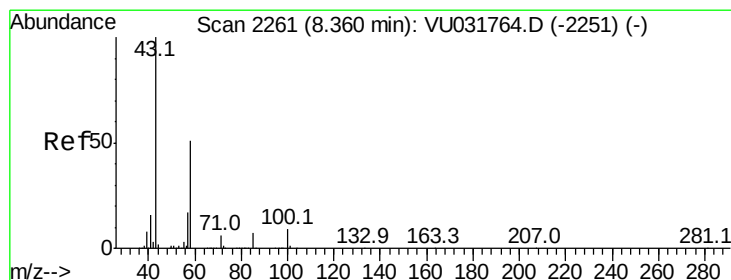
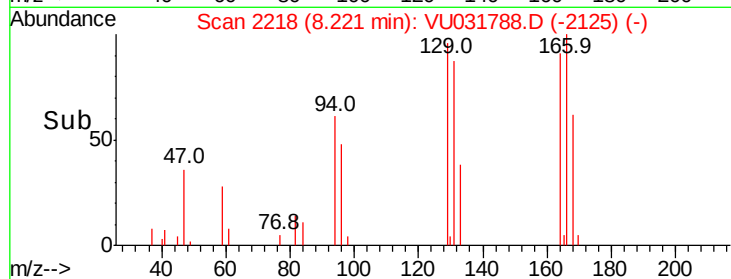
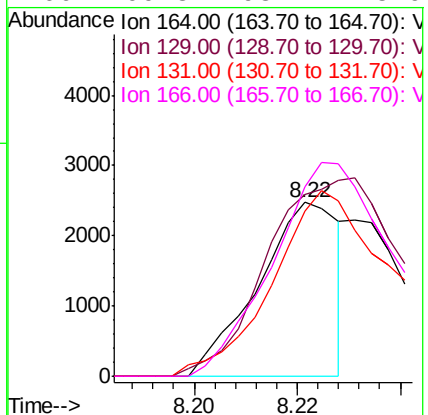
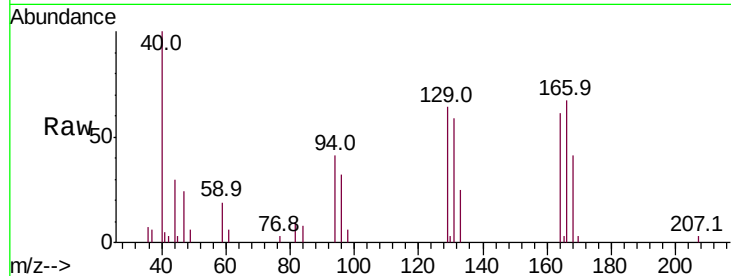




#46
Tetrachloroethene
Concen: 0.807 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU031788.D
Acq: 06 May 2019 18:39

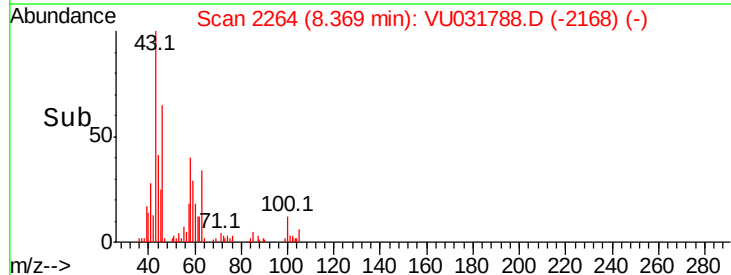
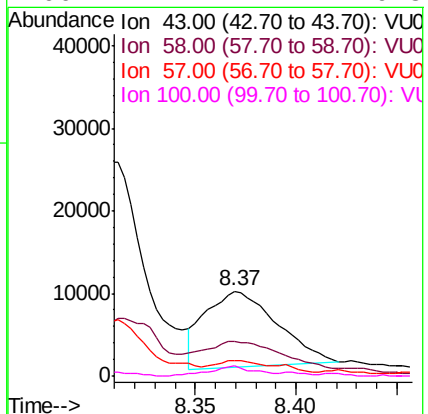
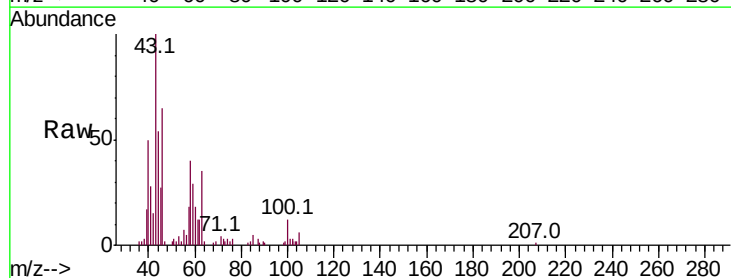
Instrument :
MSVOA_U
ClientSampleId :

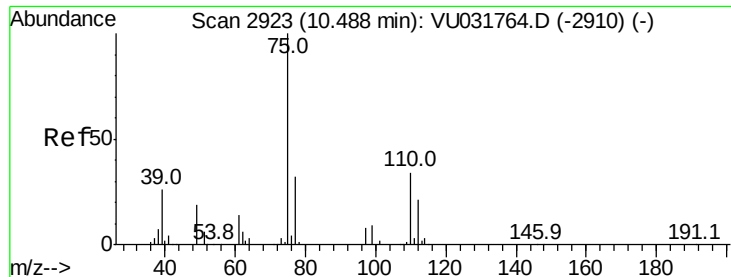
Tot Ion:164 Resp: 2673
Ion Ratio Lower Upper
164 100
129 105.0 71.5 132.9
131 95.4 69.0 128.2
166 109.3 93.7 173.9



#48
2-Hexanone
Concen: 3.205 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031788.D
Acq: 06 May 2019 18:39

Tgt Ion: 43 Resp: 22704
Ion Ratio Lower Upper
43 100
58 0.0 42.1 63.1#
57 5.1 14.6 22.0#
100 7.7 7.2 10.8





#59

1,2,3-Trichloropropane

Concen: 4.516 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031788.D

Acq: 06 May 2019 18:39

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 30484

Ion Ratio Lower Upper

75 100

77 37.8 25.9 38.9

