

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031782.D
 Acq On : 06 May 2019 15:56
 Operator : JC/SP
 Sample : K2694-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 08:50:12 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	642863	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	622723	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	229495	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	249456	46.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.72%
7) Chloroethane-d5	1.68	69	203178	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.74%
11) 1,1-Dichloroethene-d2	2.55	63	250	0.02	ug/L	0.28
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.18	46	600665	123.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.22%
24) Chloroform-d	4.64	84	492262	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.92%
26) 1,2-Dichloroethane-d4	5.31	65	348008	54.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.12%
32) Benzene-d6	5.34	84	910372	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
36) 1,2-Dichloropropane-d6	6.33	67	348391	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.58%
41) Toluene-d8	7.56	98	706469	42.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.84%
43) trans-1,3-Dichloropropene-	7.85	79	131282	45.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.92%
47) 2-Hexanone-d5	8.31	63	333238	114.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	475986	52.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.44%
64) 1,2-Dichlorobenzene-d4	11.85	152	231886	48.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.10%

Target Compounds

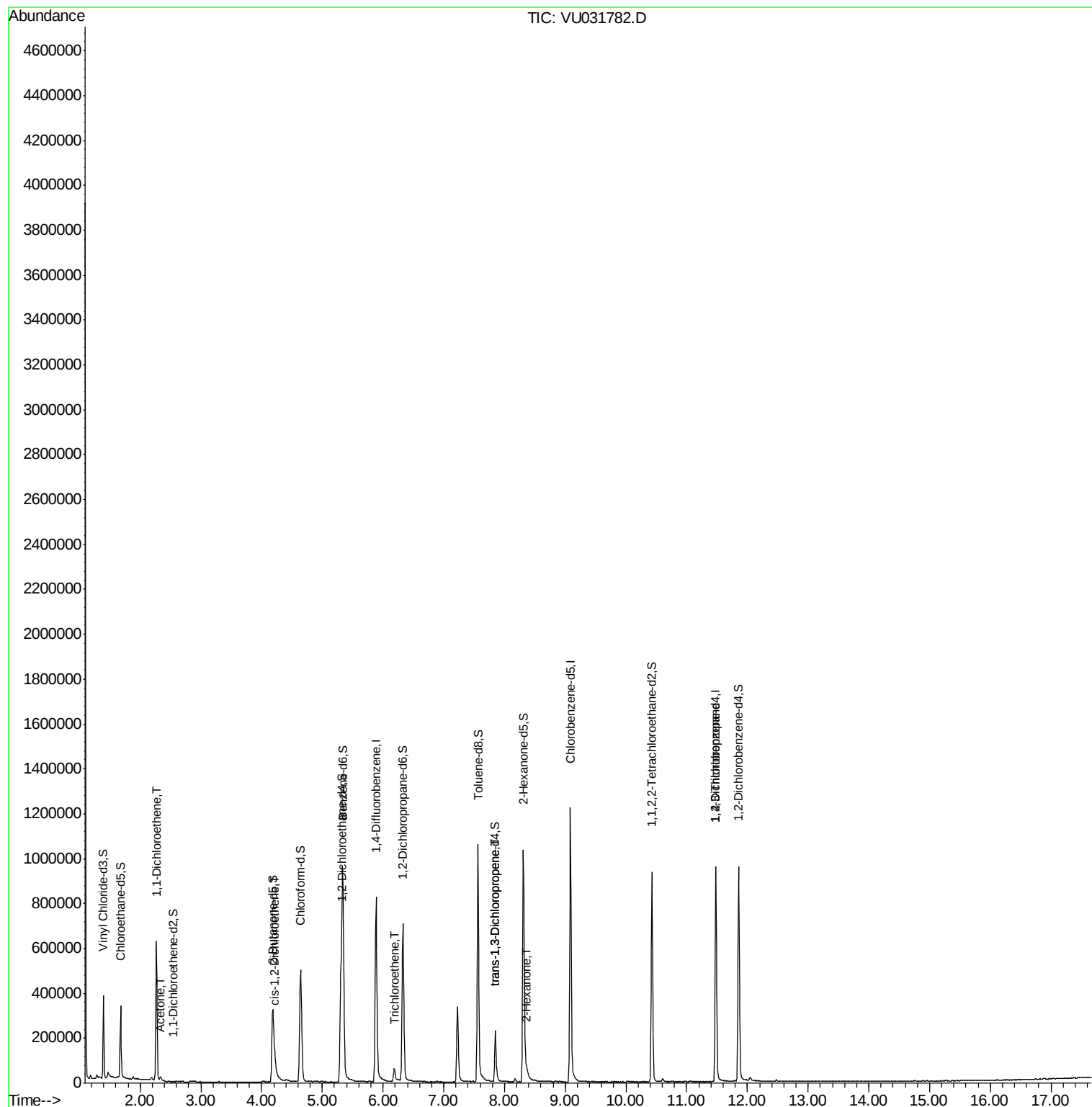
					Ovalue
12) 1,1-Dichloroethene	2.27	96	3313	0.661 ug/L #	1
13) Acetone	2.34	43	18071	3.291 ug/L	62
20) cis-1,2-Dichloroethene	4.23	96	13013	2.321 ug/L	83
34) Trichloroethene	6.19	95	20352	3.667 ug/L	86
44) trans-1,3-Dichloropropene	7.85	75	5999	0.770 ug/L #	73
48) 2-Hexanone	8.37	43	25172	3.112 ug/L #	51
59) 1,2,3-Trichloropropane	11.48	75	33969	4.408 ug/L	97

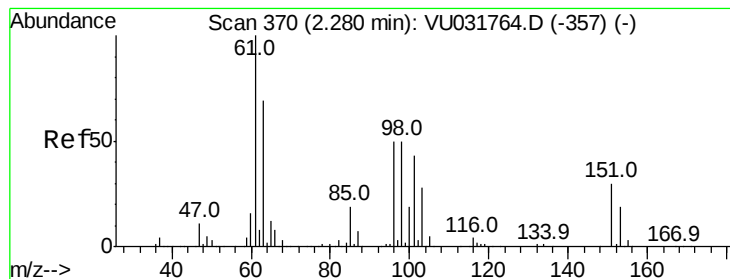
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 08:38:32 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.661 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031782.D

Acq: 06 May 2019 15:56

Instrument :
MSVOA_U
ClientSampleId :

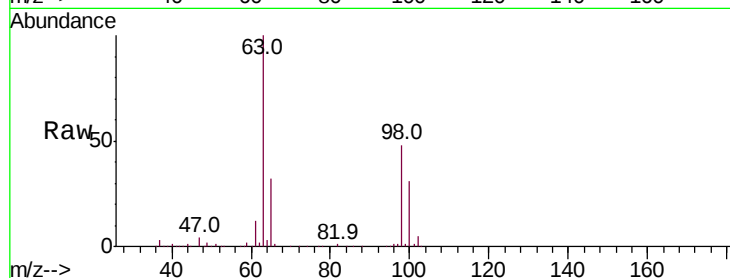
Tot Ion: 96 Resp: 3313

Ion Ratio Lower Upper

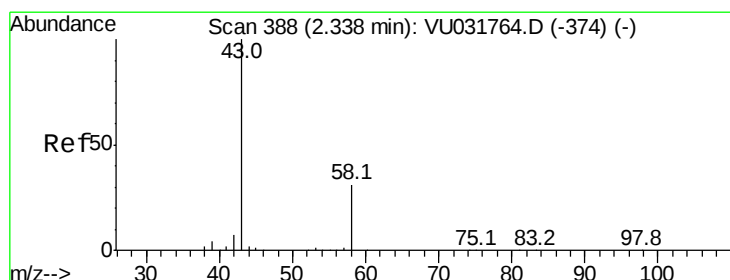
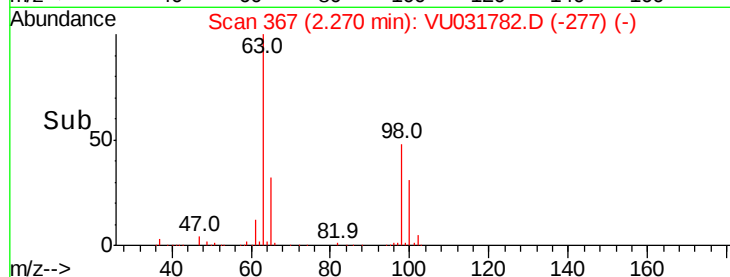
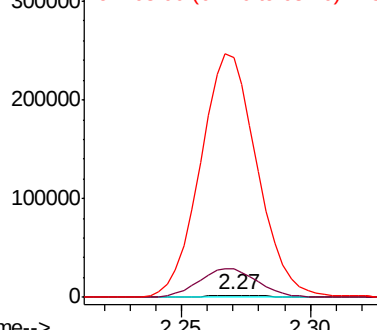
96 100

61 1464.4 135.0 250.6#

63 12529.6 103.5 192.3#



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



#13

Acetone

Concen: 3.291 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.00 min

Lab File: VU031782.D

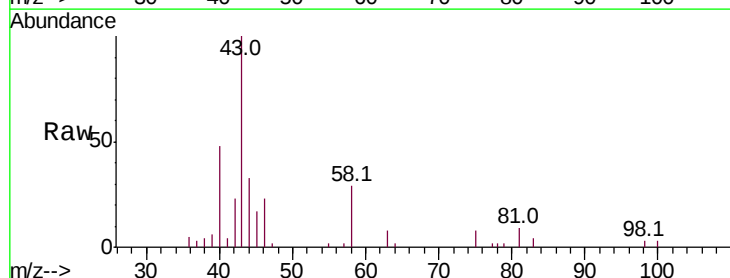
Acq: 06 May 2019 15:56

Tgt Ion: 43 Resp: 18071

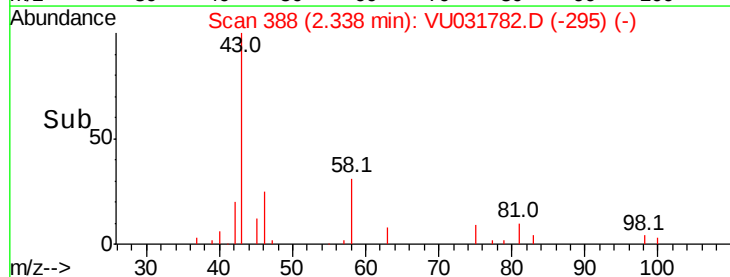
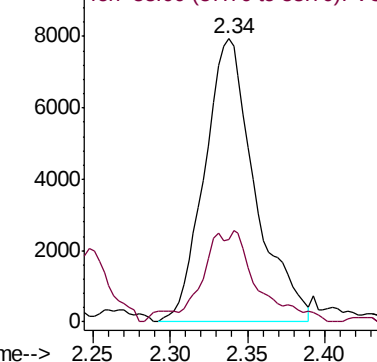
Ion Ratio Lower Upper

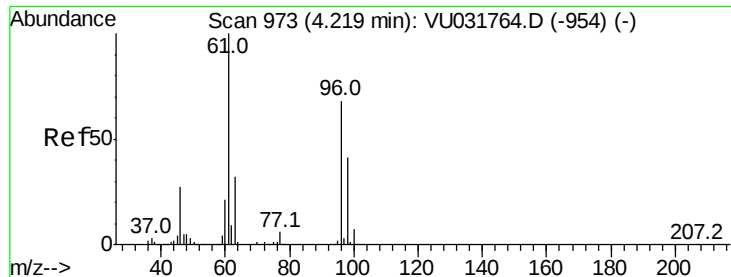
43 100

58 11.0 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0



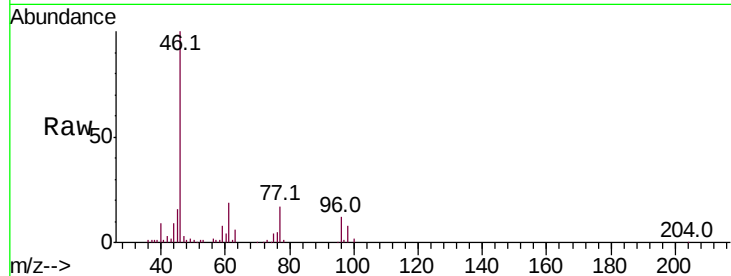


#20

cis-1,2-Dichloroethene
Concen: 2.321 ug/L
RT: 4.23 min Scan# 975
Delta R.T. 0.01 min
Lab File: VU031782.D
Acq: 06 May 2019 15:56

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.3	99.5	184.7
68	0.0	0.0	0.0

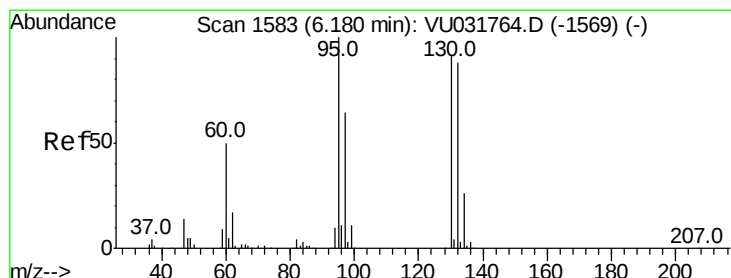
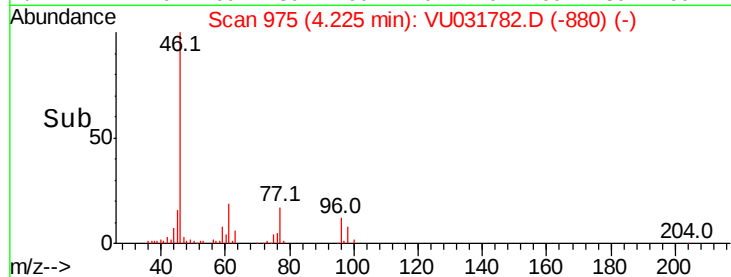
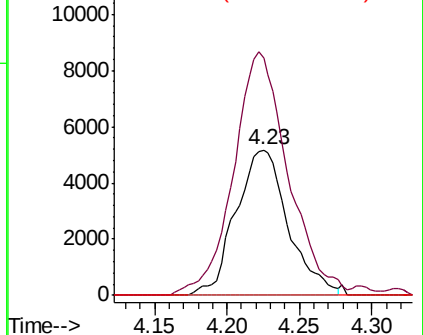


Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

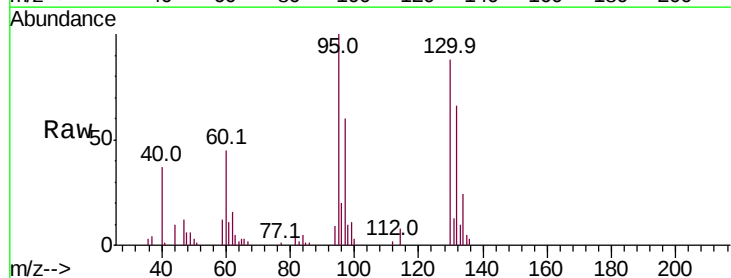
Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene
Concen: 3.667 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU031782.D
Acq: 06 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
95	100		
97	59.6	44.8	83.2
132	65.8	63.1	117.1
130	87.6	66.5	123.5



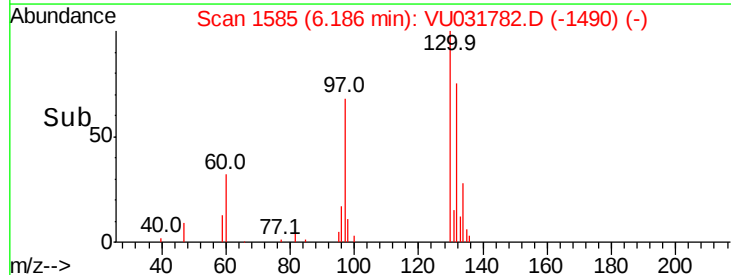
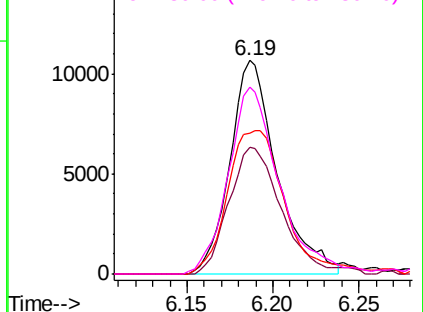
Abundance

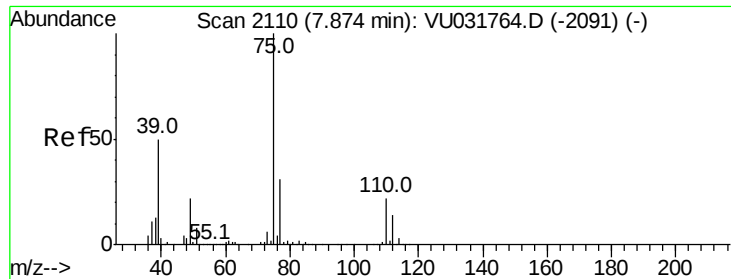
Ion 95.00 (94.70 to 95.70): VU0

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: 0.770 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

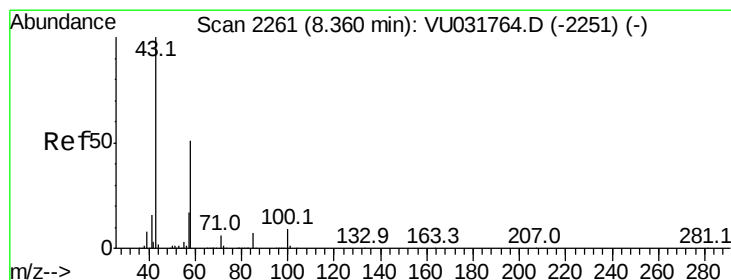
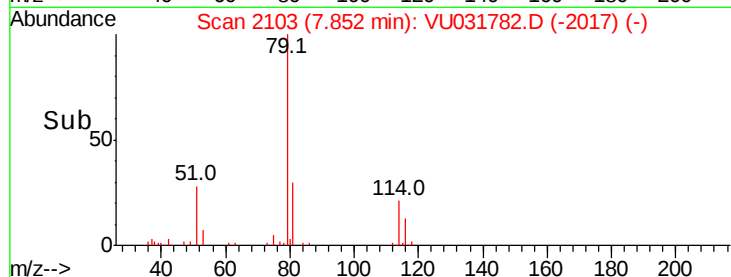
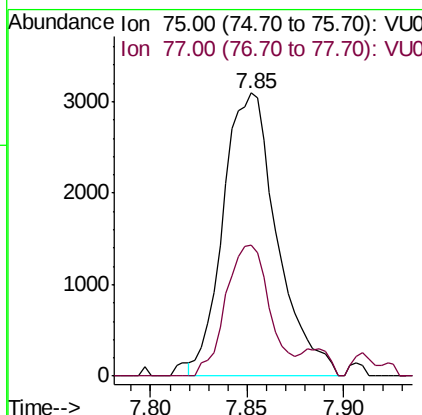
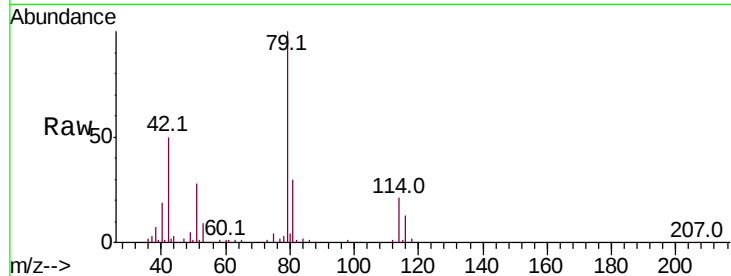
Lab File: VU031782.D

Acq: 06 May 2019 15:56

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 5999

Ion	Ratio	Lower	Upper
75	100		
77	46.3	22.1	41.1#



#48

2-Hexanone

Concen: 3.112 ug/L

RT: 8.37 min Scan# 2265

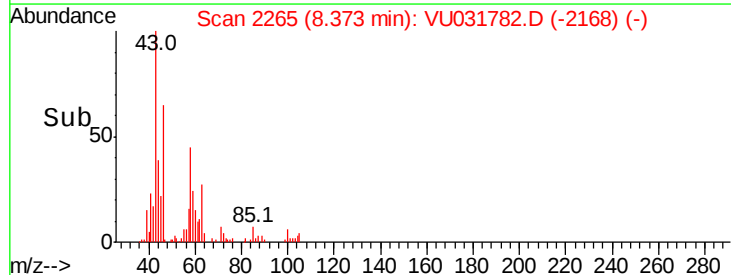
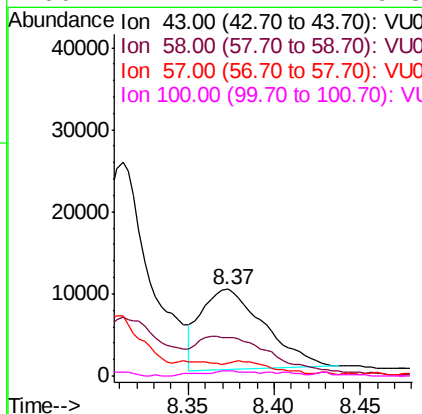
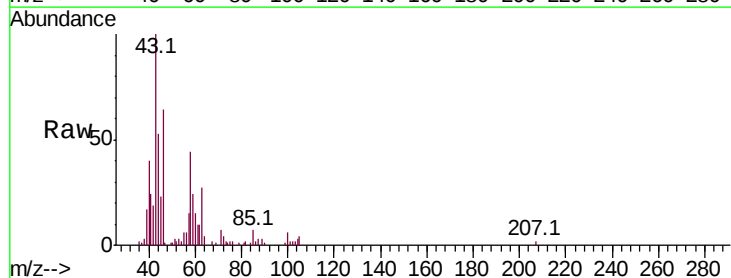
Delta R.T. 0.01 min

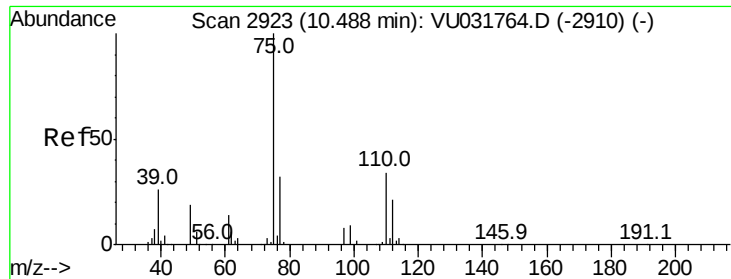
Lab File: VU031782.D

Acq: 06 May 2019 15:56

Tgt Ion: 43 Resp: 25172

Ion	Ratio	Lower	Upper
43	100		
58	7.3	42.1	63.1#
57	10.4	14.6	22.0#
100	1.7	7.2	10.8#





#59

1,2,3-Trichloropropane

Concen: 4.408 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031782.D

Acq: 06 May 2019 15:56

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 33969

Ion Ratio Lower Upper

75 100

77 33.9 25.9 38.9

