

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030720.D
 Acq On : 05 Apr 2019 06:06
 Operator : JC/SP
 Sample : K2269-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BR8

Quant Time: Apr 05 08:38:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 08:33:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	461365	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	455477	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	194573	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	228609	55.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.02%
7) Chloroethane-d5	1.68	69	172564	55.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.42%
11) 1,1-Dichloroethene-d2	2.27	63	304927	40.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.86%
21) 2-Butanone-d5	4.17	46	342529	104.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.94%
24) Chloroform-d	4.64	84	316852	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
26) 1,2-Dichloroethane-d4	5.31	65	223513	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.14%
32) Benzene-d6	5.34	84	683509	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.32	67	237585	52.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.28%
41) Toluene-d8	7.56	98	592742	50.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.58%
43) trans-1,3-Dichloropropene-	7.85	79	98243	47.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.56%
47) 2-Hexanone-d5	8.31	63	209216	100.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	310107	50.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	202212	52.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.68%

Target Compounds

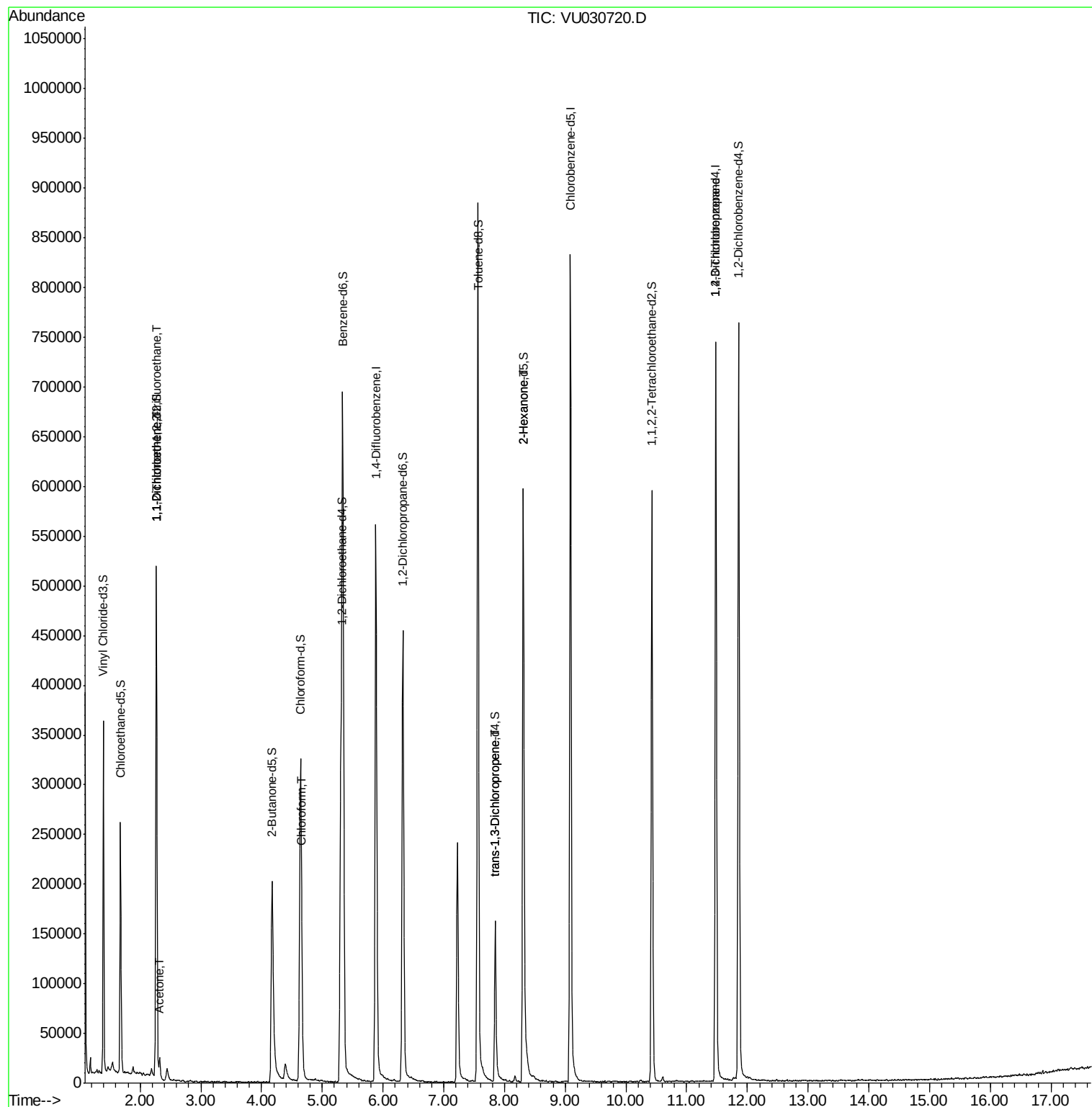
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2261	0.684 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	2250	0.706 ug/L #	1
13) Acetone	2.32	43	19104	5.720 ug/L	94
25) Chloroform	4.67	83	18290	2.604 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	4282	0.809 ug/L #	75
48) 2-Hexanone	8.31	43	26614	5.026 ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	26216	5.186 ug/L	99

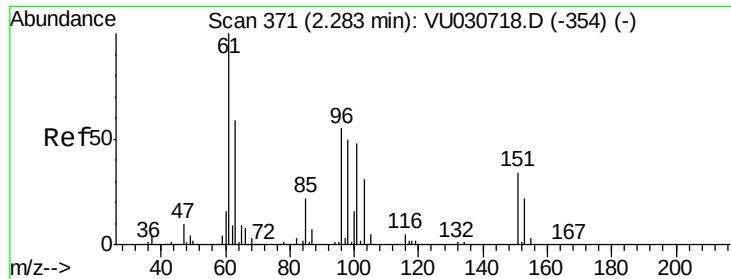
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 05 08:33:21 2019
Response via : Initial Calibration





#10

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

Concen: 0.684 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU030720.D

Acq: 05 Apr 2019 06:06

Instrument :

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C0BR8

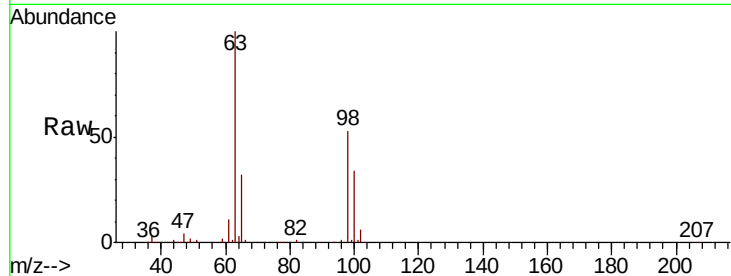
Tot Ion:101 Resp: 2261

Ion Ratio Lower Upper

101 100

85 1.8 36.8 55.2#

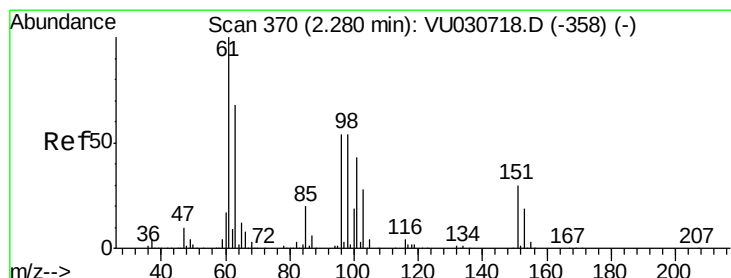
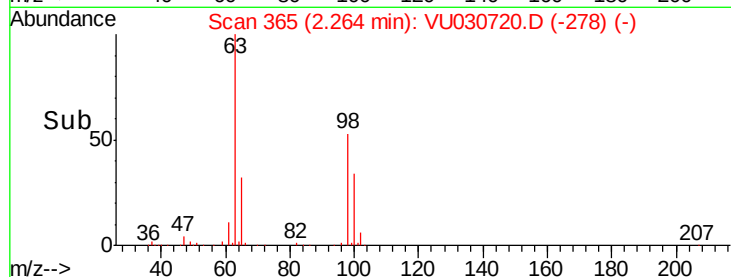
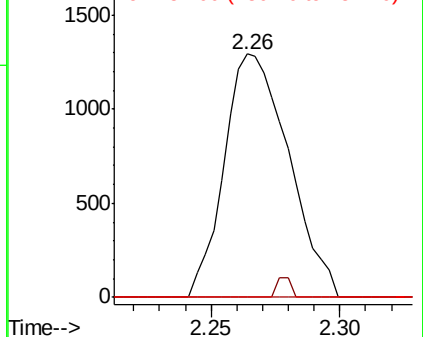
151 0.0 57.4 86.0#



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: 0.706 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU030720.D

Acq: 05 Apr 2019 06:06

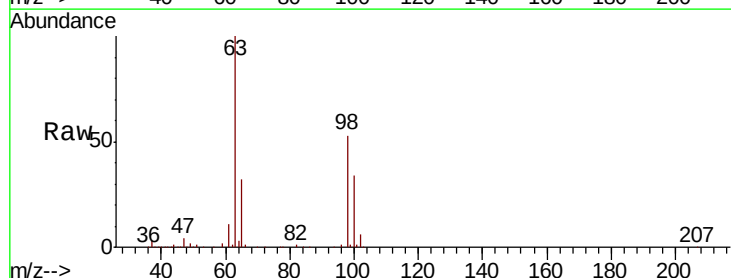
Tgt Ion: 96 Resp: 2250

Ion Ratio Lower Upper

96 100

61 1524.5 132.0 245.2#

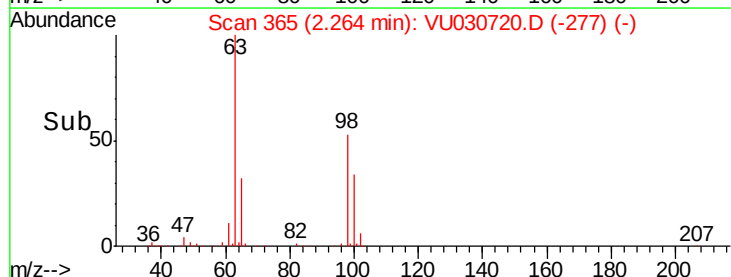
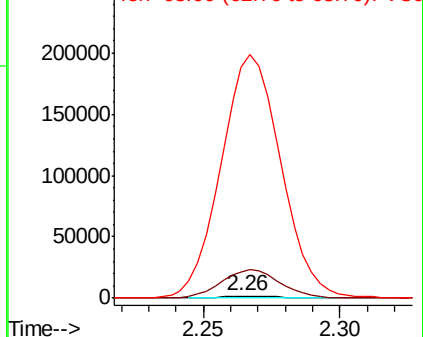
63 13295.8 90.9 168.9#

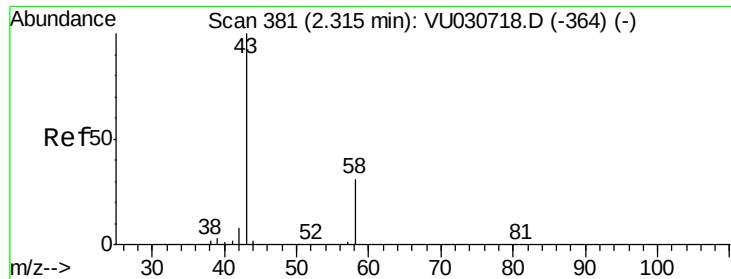


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 5.720 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030720.D

Acq: 05 Apr 2019 06:06

Instrument :

MSVOA_U

ClientSampleId :

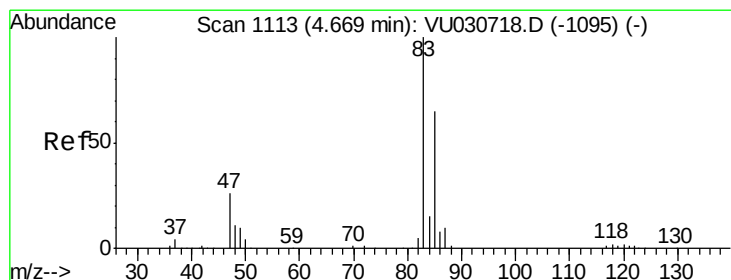
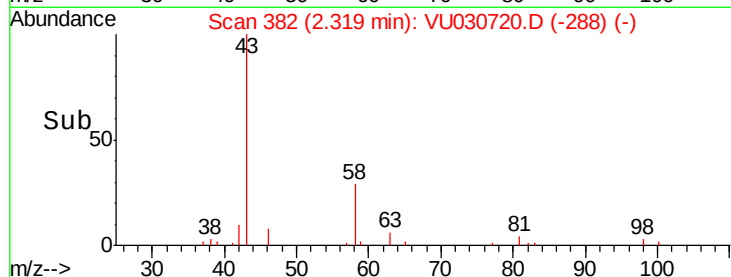
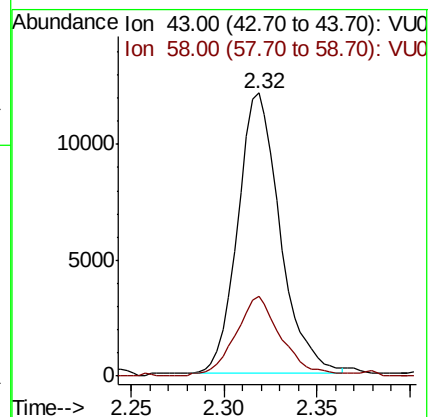
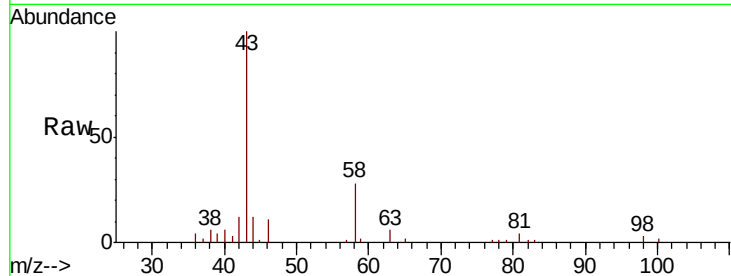
C0BR8

Tot Ion: 43 Resp: 19104

Ion Ratio Lower Upper

43 100

58 28.4 0.0 64.0



#25

Chloroform

Concen: 2.604 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030720.D

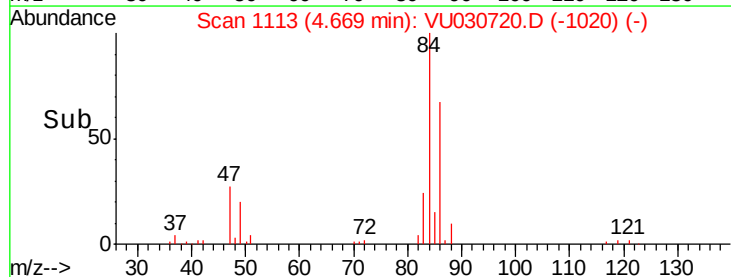
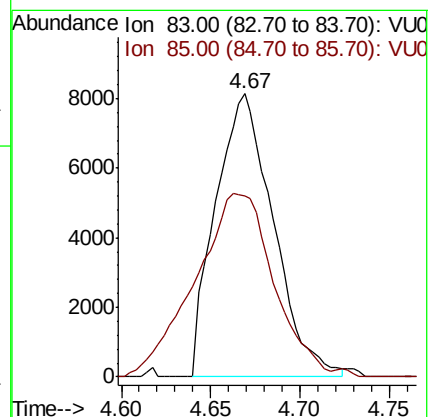
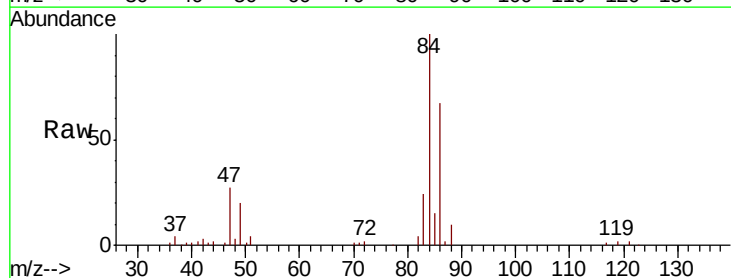
Acq: 05 Apr 2019 06:06

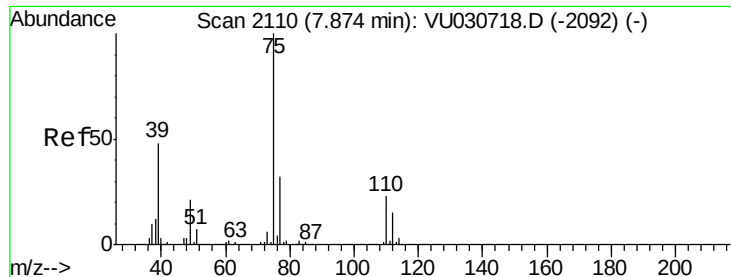
Tgt Ion: 83 Resp: 18290

Ion Ratio Lower Upper

83 100

85 64.2 45.8 85.0

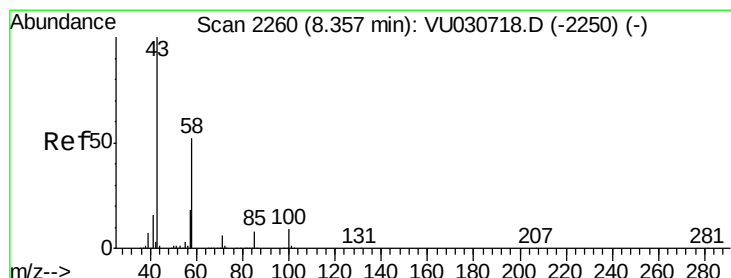
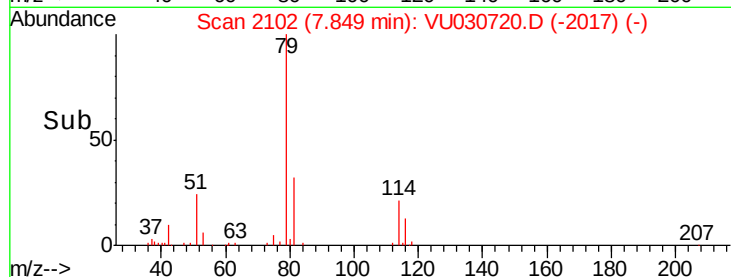
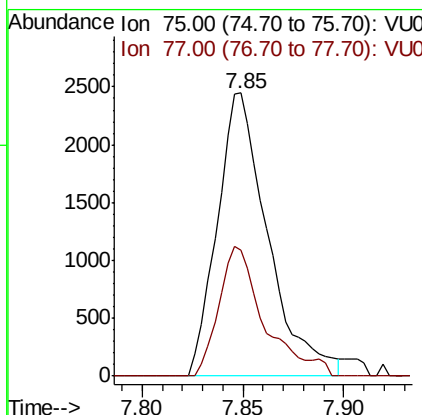
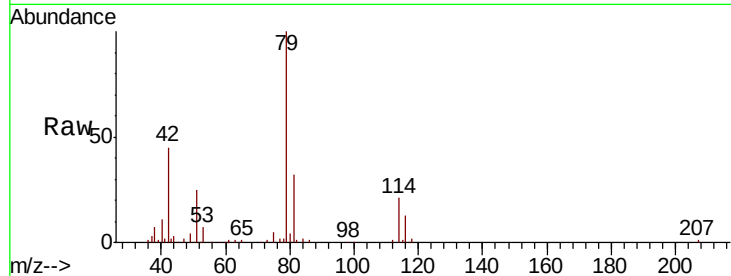




#44
 trans-1,3-Dichloropropene
 Concen: 0.809 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030720.D
 Acq: 05 Apr 2019 06:06

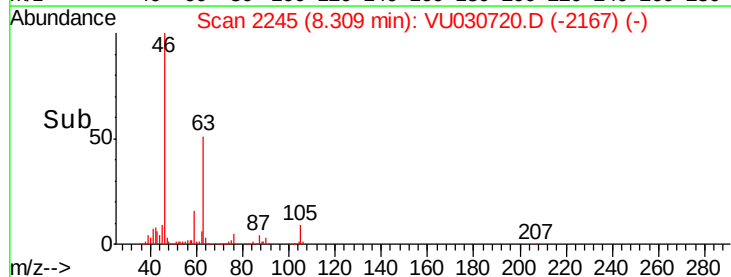
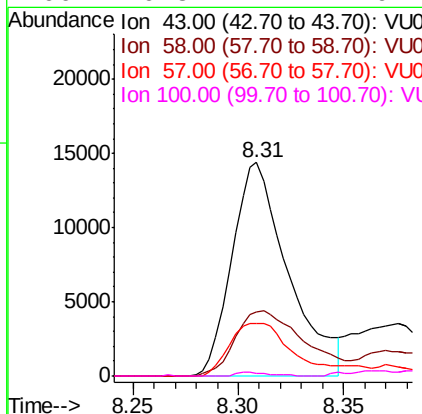
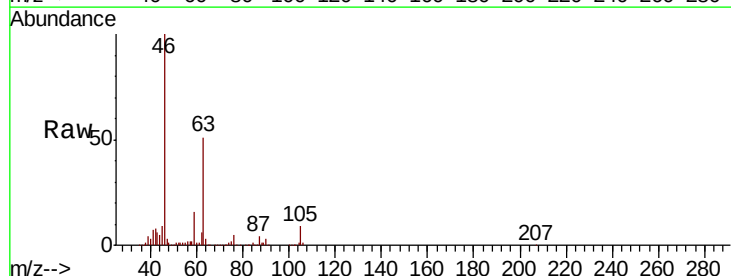
Instrument :
 MSVOA_U
 ClientSampled :
 C0BR8

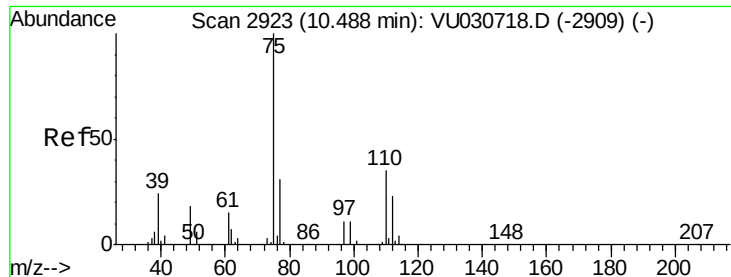
Tot Ion: 75 Resp: 4282
 Ion Ratio Lower Upper
 75 100
 77 44.7 21.6 40.0#



#48
 2-Hexanone
 Concen: 5.026 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU030720.D
 Acq: 05 Apr 2019 06:06

Tgt Ion: 43 Resp: 26614
 Ion Ratio Lower Upper
 43 100
 58 38.2 41.9 62.9#
 57 27.7 14.3 21.5#
 100 0.8 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 5.186 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030720.D

Acq: 05 Apr 2019 06:06

Instrument :

MSVOA_U

ClientSampleId :

C0BR8

Tot Ion: 75 Resp: 26216

Ion Ratio Lower Upper

75 100

77 33.2 26.1 39.1

