

Data File : VU030787.D
Acq On : 06 Apr 2019 09:27
Operator : JC/SP
Sample : VIBLK41
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Quant Time: Apr 08 01:08:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 01:03:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	477462	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	478537	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	193886	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	203790	47.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.62%
7) Chloroethane-d5	1.68	69	162491	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.46%
11) 1,1-Dichloroethene-d2	2.27	63	289444	37.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.10%
21) 2-Butanone-d5	4.17	46	376409	111.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.43%
24) Chloroform-d	4.64	84	311721	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.76%
26) 1,2-Dichloroethane-d4	5.31	65	239405	53.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.78%
32) Benzene-d6	5.33	84	683619	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
36) 1,2-Dichloropropane-d6	6.32	67	241363	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.82%
41) Toluene-d8	7.56	98	593018	47.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.78%
43) trans-1,3-Dichloropropene-	7.85	79	98943	45.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.64%
47) 2-Hexanone-d5	8.31	63	225954	103.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	327465	50.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.42%
64) 1,2-Dichlorobenzene-d4	11.85	152	203291	53.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.62%

Target Compounds

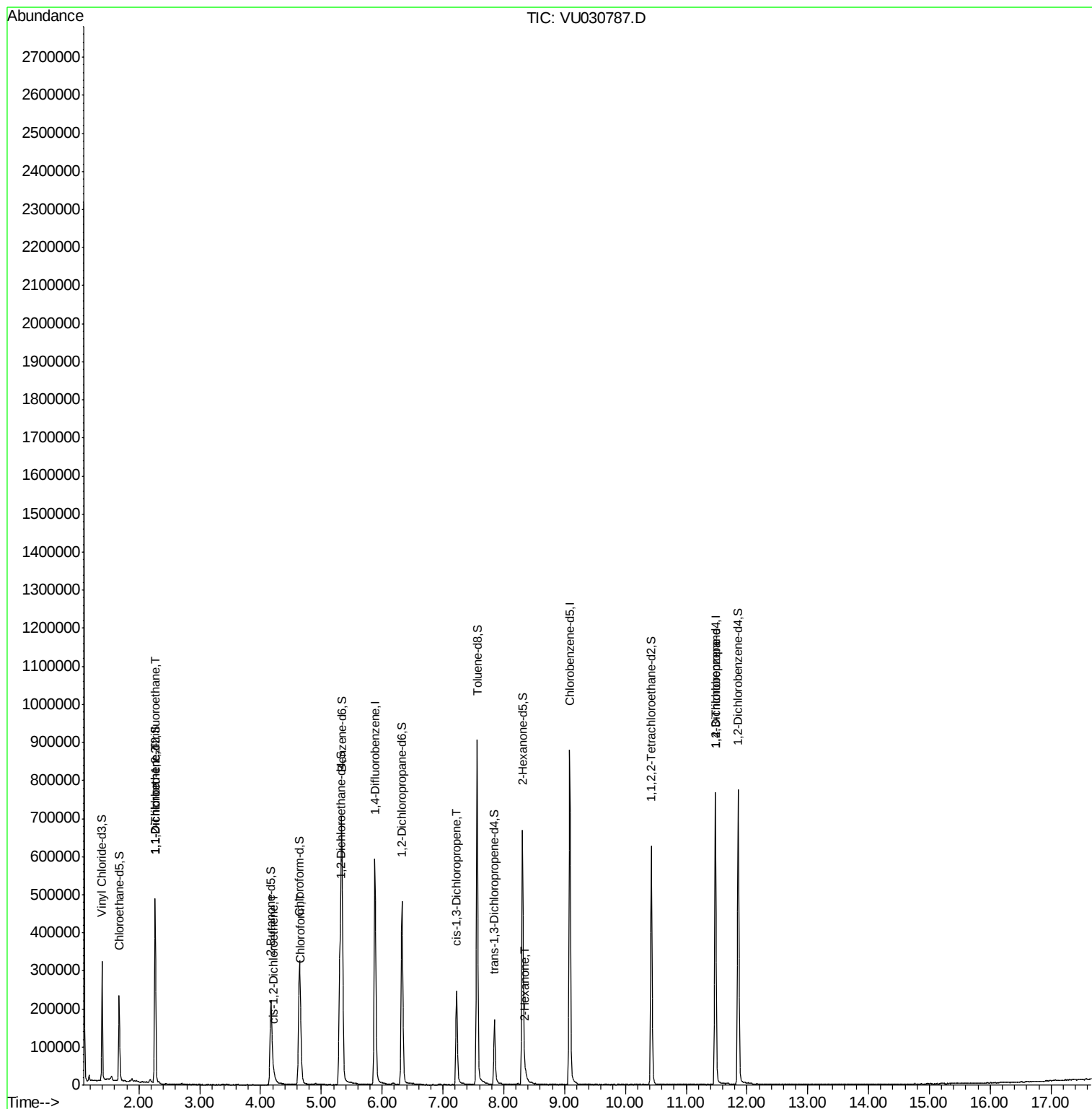
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2291	0.670	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2304	0.698	ug/L #	1
20) cis-1,2-Dichloroethene	4.22	96	4616	1.193	ug/L #	61
25) Chloroform	4.67	83	33509	4.610	ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	5801	0.919	ug/L	90
48) 2-Hexanone	8.36	43	7208	1.296	ug/L #	40
59) 1,2,3-Trichloropropane	11.48	75	24906	4.690	ug/L	94

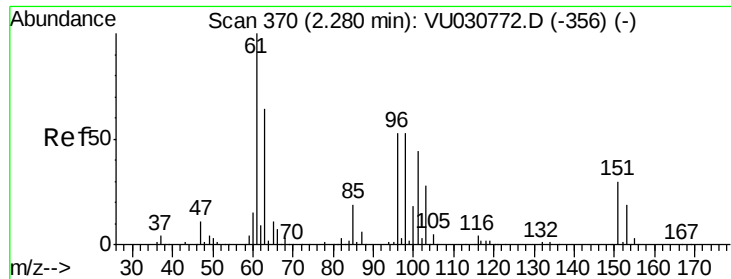
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.670 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030787.D

Acq: 06 Apr 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

VIBLK41

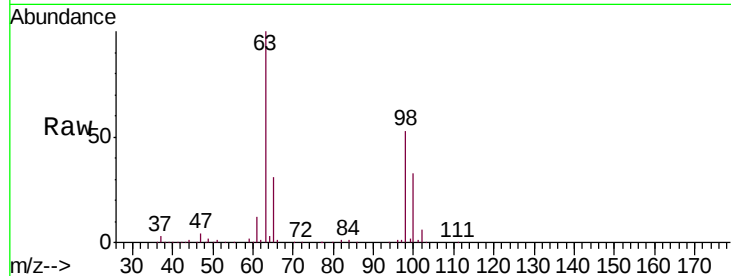
Tgt Ion: 101 Resp: 2291

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

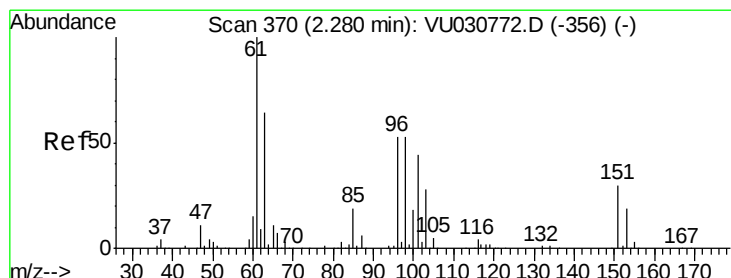
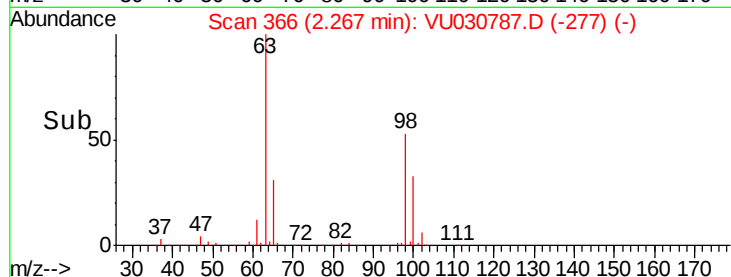
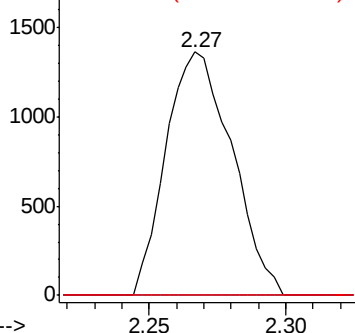
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VUC

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.698 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030787.D

Acq: 06 Apr 2019 09:27

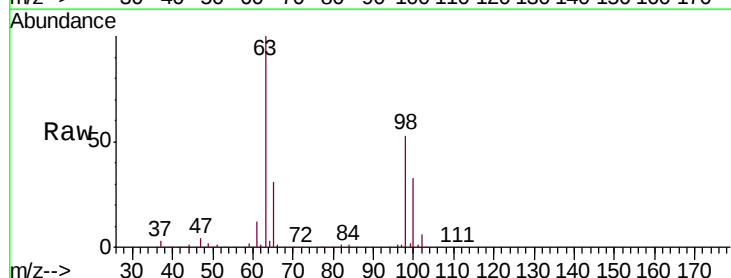
Tgt Ion: 96 Resp: 2304

Ion Ratio Lower Upper

96 100

61 1673.9 132.0 245.2#

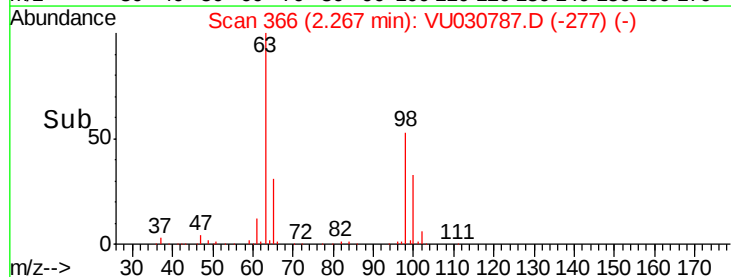
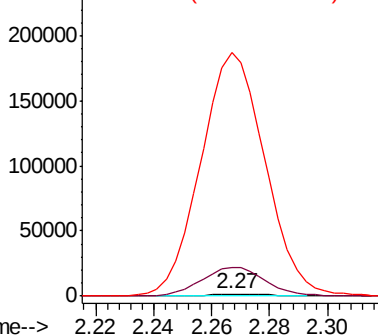
63 14167.3 90.9 168.9#

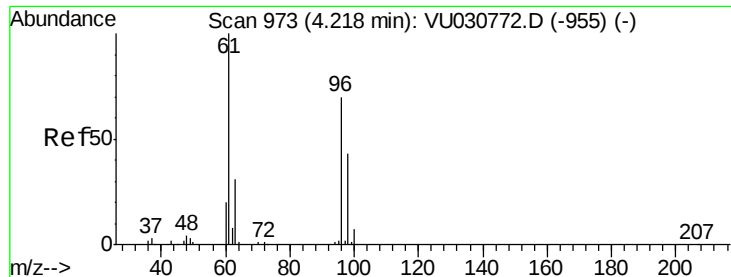


Abundance Ion 96.00 (95.70 to 96.70): VUC

Ion 61.00 (60.70 to 61.70): VUC

Ion 63.00 (62.70 to 63.70): VUC

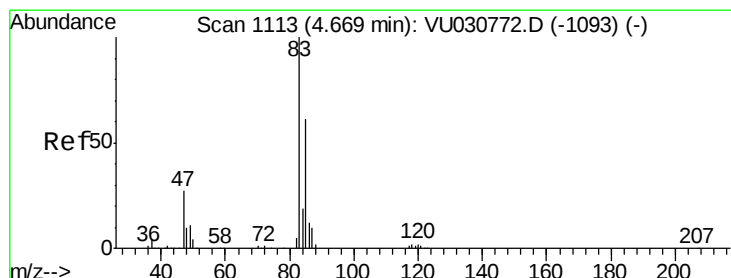
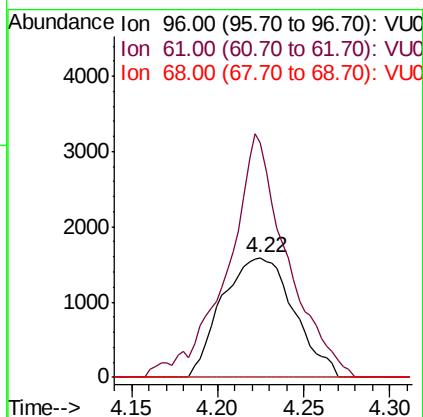
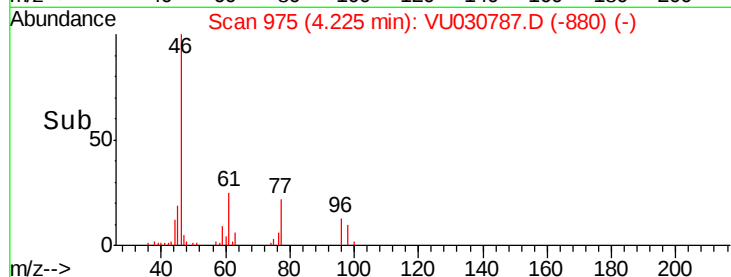
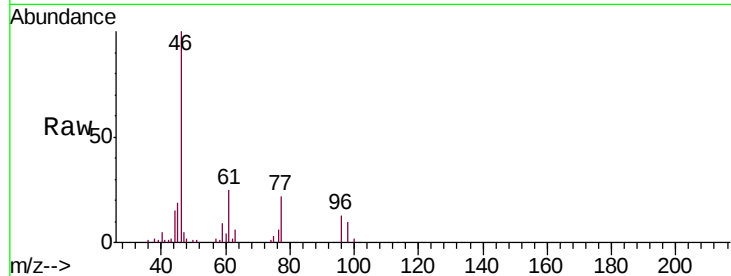




#20
 cis-1,2-Dichloroethene
 Concen: 1.193 ug/L
 RT: 4.22 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: VU030787.D
 Acq: 06 Apr 2019 09:27

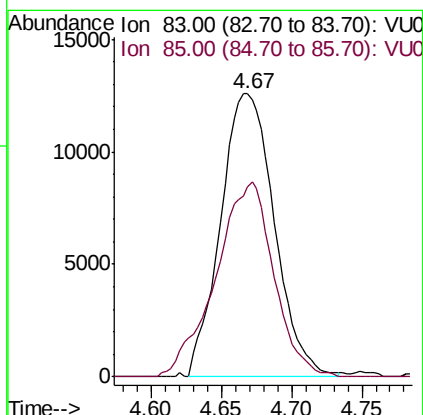
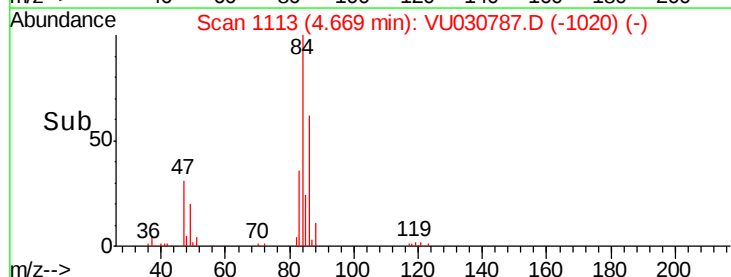
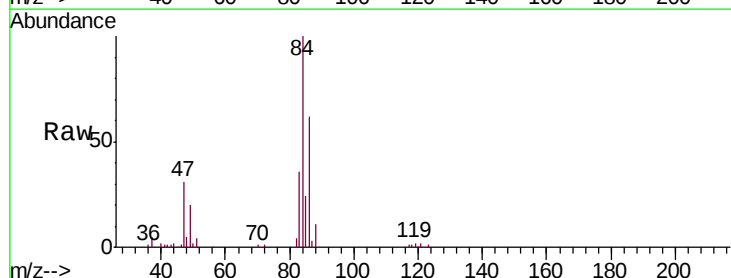
Instrument :
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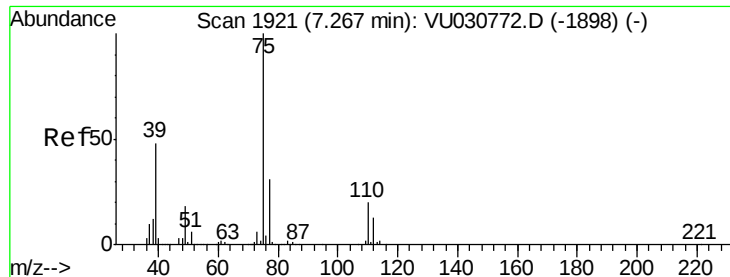
Tgt Ion: 96 Resp: 4616
 Ion Ratio Lower Upper
 96 100
 61 196.0 102.9 191.1#
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 4.610 ug/L
 RT: 4.67 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VU030787.D
 Acq: 06 Apr 2019 09:27

Tgt Ion: 83 Resp: 33509
 Ion Ratio Lower Upper
 83 100
 85 67.2 45.8 85.0



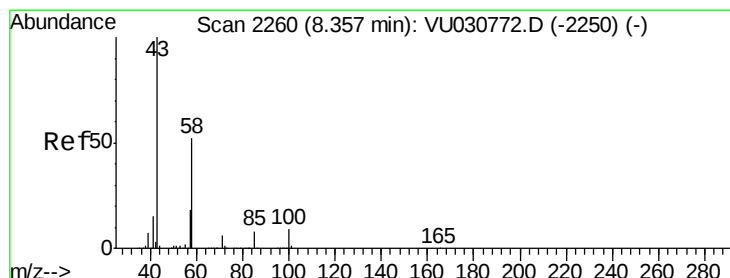
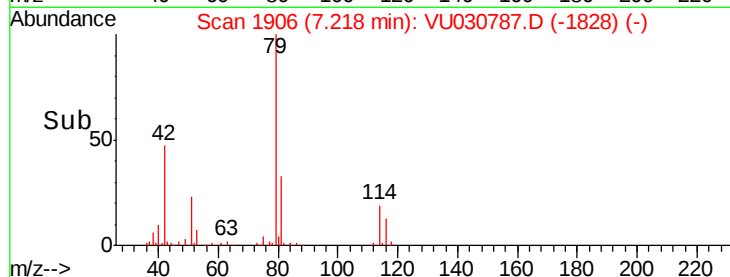
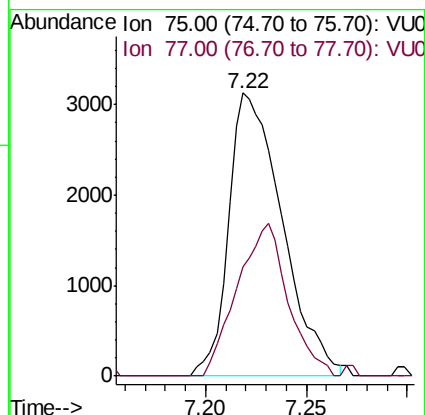
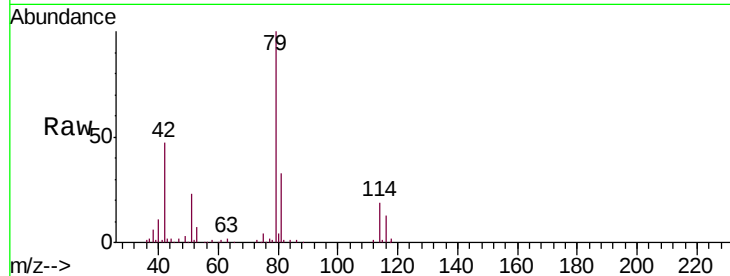


#39

cis-1,3-Dichloropropene
 Concen: 0.919 ug/L
 RT: 7.22 min Scan# 1906
 Delta R.T. -0.05 min
 Lab File: VU030787.D
 Acq: 06 Apr 2019 09:27

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK41

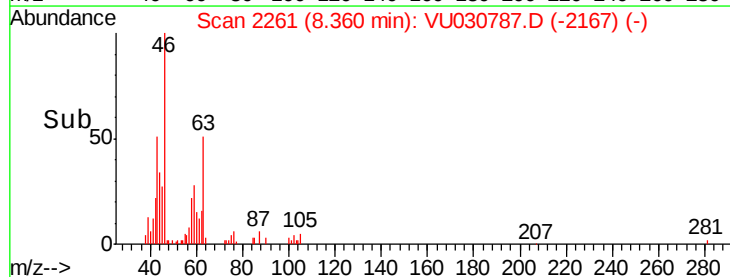
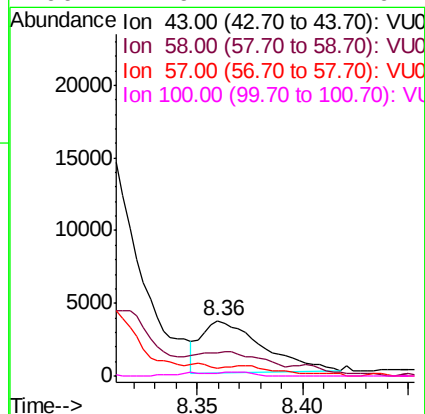
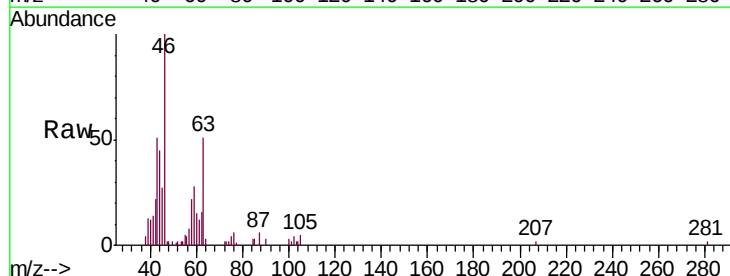
Tgt Ion: 75 Resp: 5801
 Ion Ratio Lower Upper
 75 100
 77 38.7 23.1 42.9

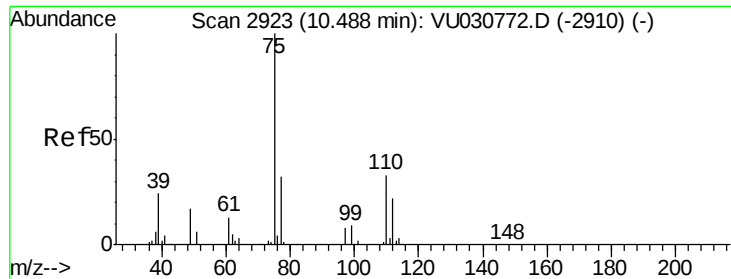


#48

2-Hexanone
 Concen: 1.296 ug/L
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU030787.D
 Acq: 06 Apr 2019 09:27

Tgt Ion: 43 Resp: 7208
 Ion Ratio Lower Upper
 43 100
 58 0.0 41.9 62.9#
 57 0.0 14.3 21.5#
 100 4.9 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.690 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030787.D

Acq: 06 Apr 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

VIBLK41

Tgt Ion: 75 Resp: 24906

Ion Ratio Lower Upper

75 100

77 36.0 26.1 39.1

