

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041719\
 Data File : VU031232.D
 Acq On : 16 Apr 2019 23:51
 Operator : JC/SP
 Sample : K2339-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC36

Quant Time: Apr 17 05:40:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 04:13:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	491839	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	465797	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	195691	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	201177	44.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.84%
7) Chloroethane-d5	1.68	69	171900	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.42%
11) 1,1-Dichloroethene-d2	2.28	63	462527	51.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.10%
21) 2-Butanone-d5	4.19	46	320238	97.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.07%
24) Chloroform-d	4.65	84	322895	42.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.44%
26) 1,2-Dichloroethane-d4	5.31	65	213015	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
32) Benzene-d6	5.34	84	632455	42.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.90%
36) 1,2-Dichloropropane-d6	6.33	67	222255	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.02%
41) Toluene-d8	7.56	98	570278	44.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.02%
43) trans-1,3-Dichloropropene-	7.85	79	94565	41.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.80%
47) 2-Hexanone-d5	8.31	63	209856	93.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	294997	44.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.92%
64) 1,2-Dichlorobenzene-d4	11.85	152	204519	45.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.14%

Target Compounds

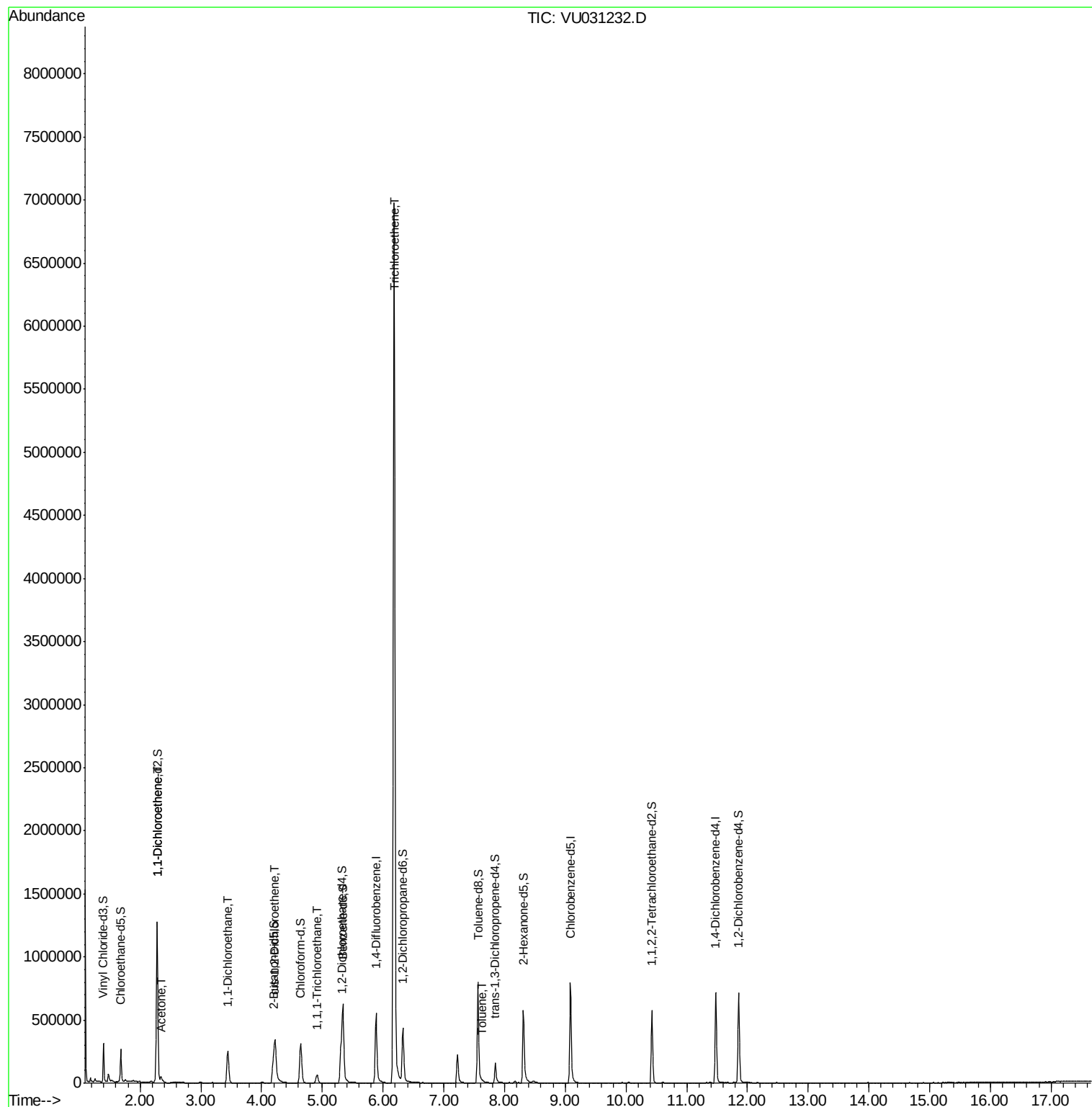
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	311695	81.084	ug/L	# 78
13) Acetone	2.34	43	74792	29.460	ug/L	96
19) 1,1-Dichloroethane	3.44	63	280886	40.346	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	159778	39.198	ug/L	95
30) 1,1,1-Trichloroethane	4.91	97	53534	8.686	ug/L	99
34) Trichloroethene	6.18	95	2527043	644.660	ug/L	97
42) Toluene	7.64	91	5850	0.375	ug/L	88

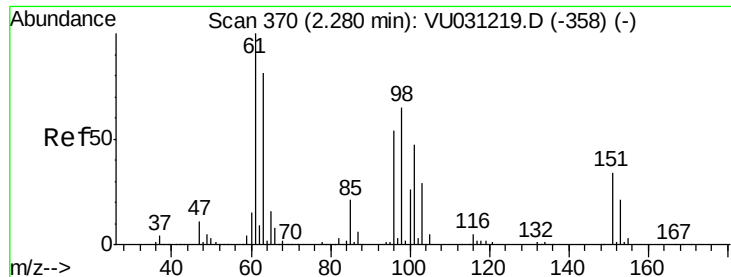
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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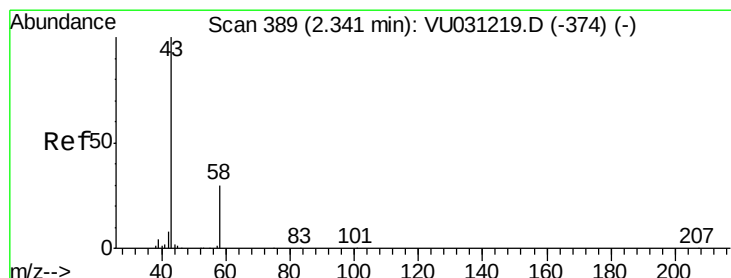
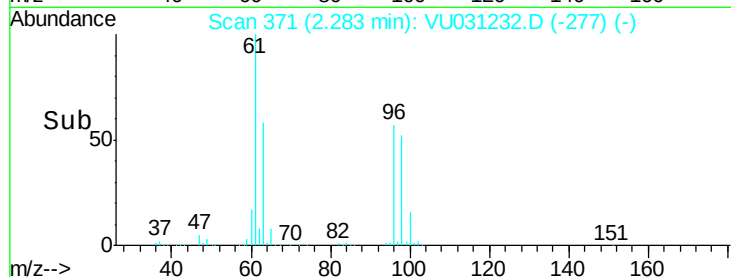
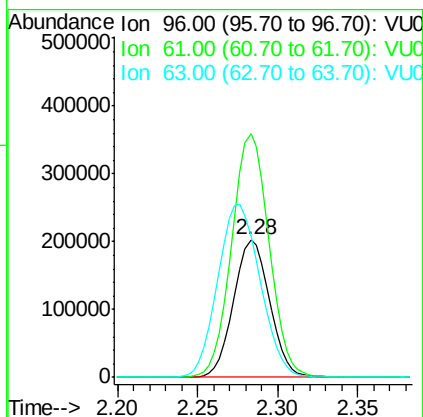
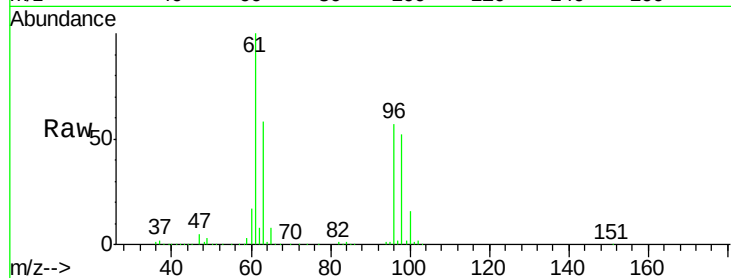




#12
 1,1-Dichloroethene
 Concen: 81.084 ug/L
 RT: 2.28 min Scan# 371
 Delta R.T. 0.00 min
 Lab File: VU031232.D
 Acq: 16 Apr 2019 23:51

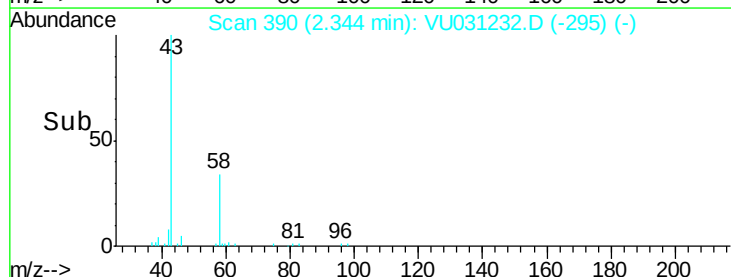
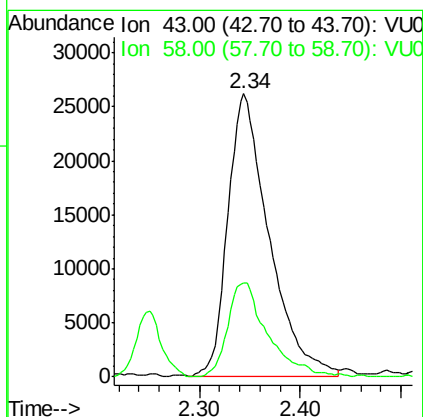
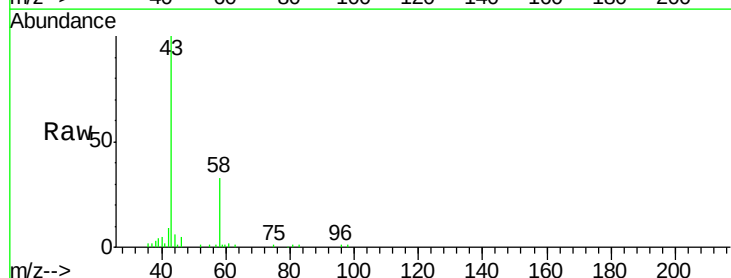
Instrument :
 MSVOA_U
 ClientSampleId :
 BFC36

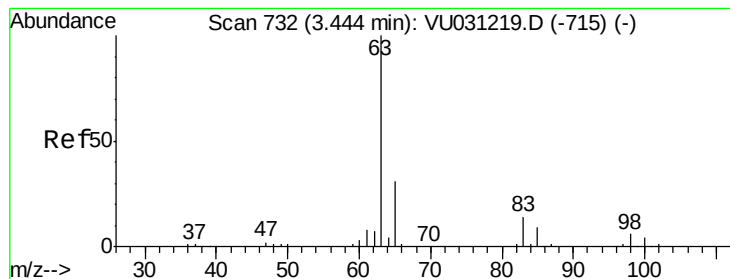
Tot Ion: 96 Resp: 311695
 Ion Ratio Lower Upper
 96 100
 61 176.8 130.4 242.2
 63 102.5 108.9 202.3#



#13
 Acetone
 Concen: 29.460 ug/L
 RT: 2.34 min Scan# 390
 Delta R.T. 0.01 min
 Lab File: VU031232.D
 Acq: 16 Apr 2019 23:51

Tgt Ion: 43 Resp: 74792
 Ion Ratio Lower Upper
 43 100
 58 30.5 0.0 65.0





#19

1,1-Dichloroethane

Concen: 40.346 ug/L

RT: 3.44 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU031232.D

Acq: 16 Apr 2019 23:51

Instrument :

MSVOA_U

ClientSampleId :

BFC36

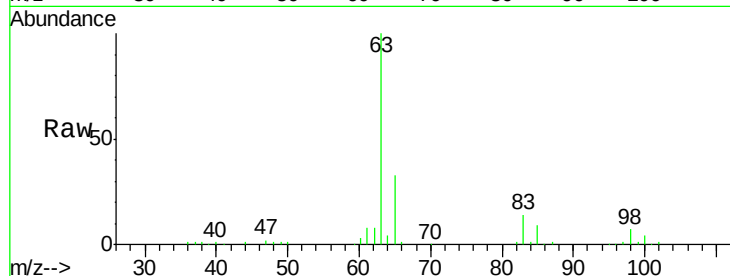
Tot Ion: 63 Resp: 280886

Ion Ratio Lower Upper

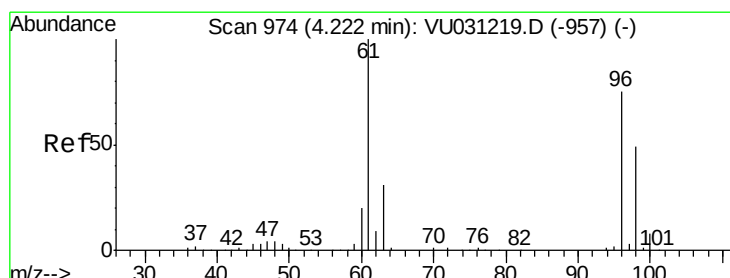
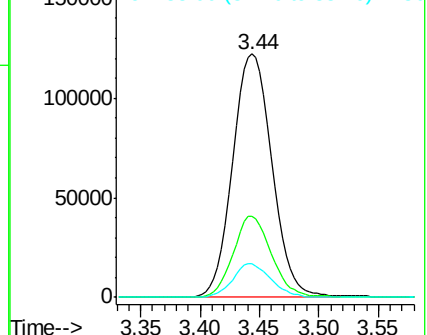
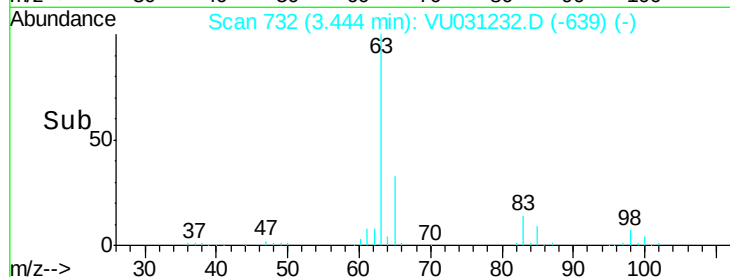
63 100

65 33.3 22.8 42.4

83 13.6 9.7 17.9



Abundance Ion 63.00 (62.70 to 63.70): VU031232.D (-639) (-)



#20

cis-1,2-Dichloroethene

Concen: 39.198 ug/L

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU031232.D

Acq: 16 Apr 2019 23:51

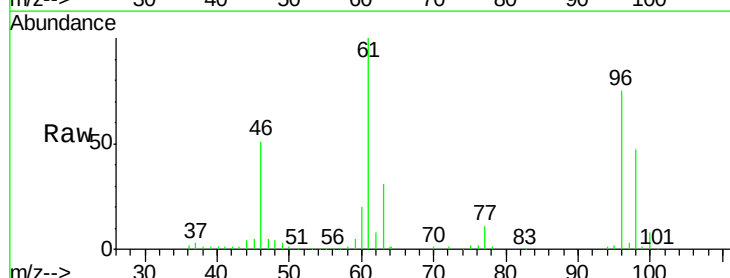
Tgt Ion: 96 Resp: 159778

Ion Ratio Lower Upper

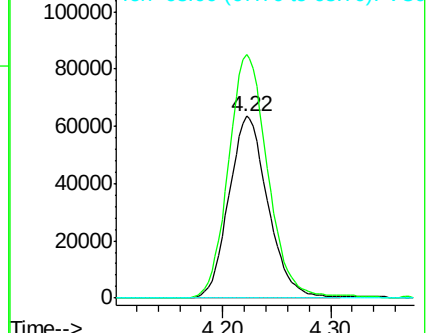
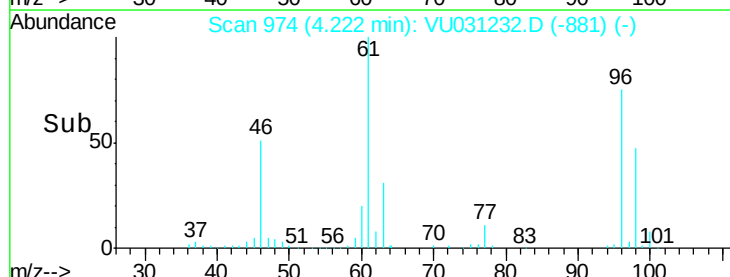
96 100

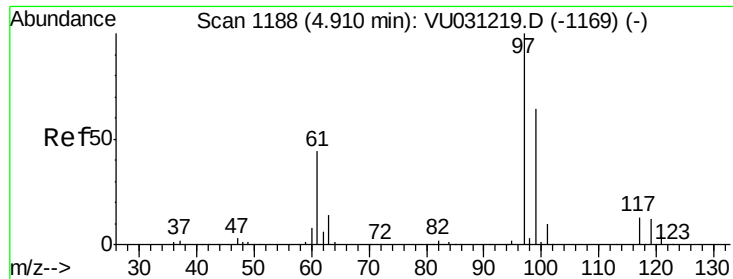
61 134.1 98.2 182.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031232.D (-881) (-)

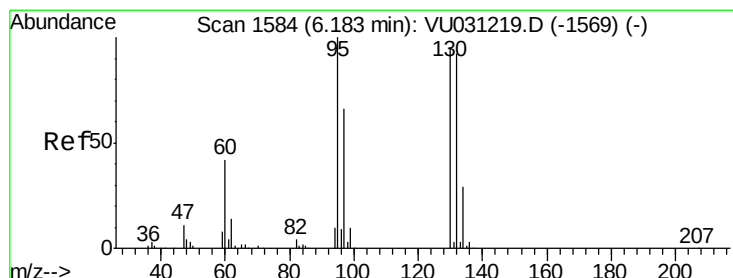
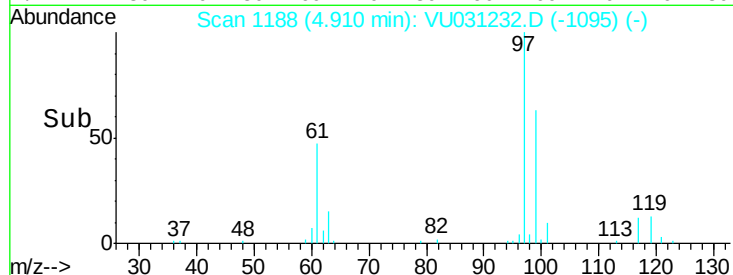
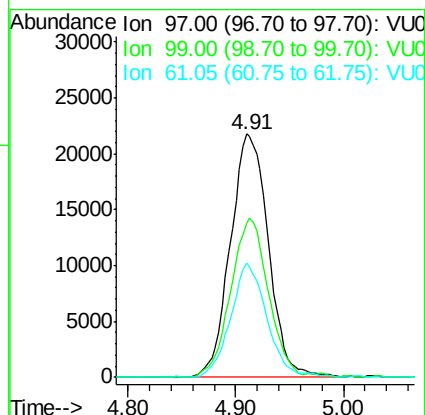
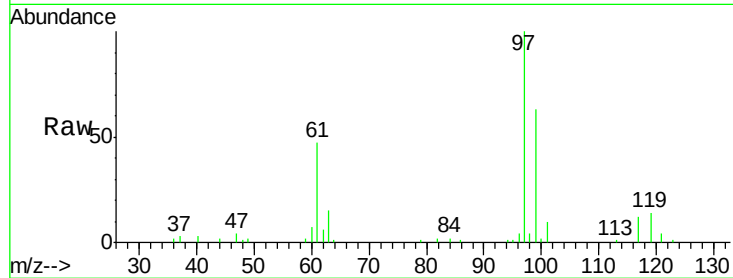




#30
 1,1,1-Trichloroethane
 Concen: 8.686 ug/L
 RT: 4.91 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: VU031232.D
 Acq: 16 Apr 2019 23:51

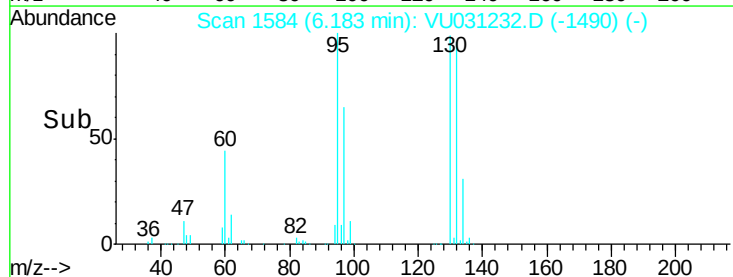
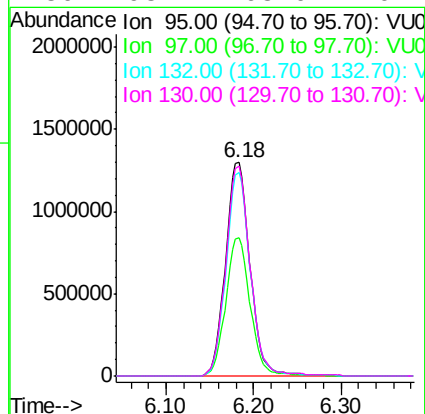
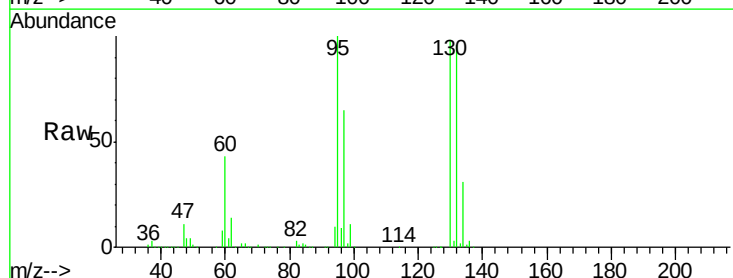
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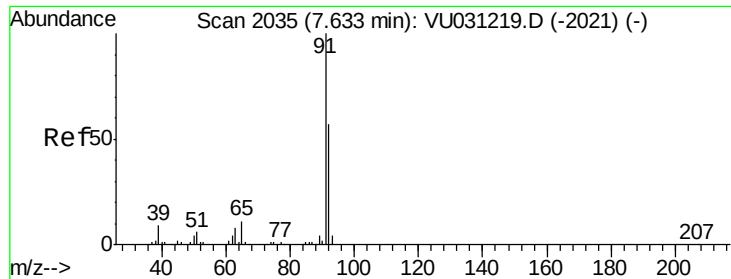
Tot Ion: 97 Resp: 53534
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.4 77.2
 61 44.6 35.0 52.4



#34
 Trichloroethene
 Concen: 644.660 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031232.D
 Acq: 16 Apr 2019 23:51

Tgt Ion: 95 Resp: 2527043
 Ion Ratio Lower Upper
 95 100
 97 64.8 43.6 81.0
 132 95.5 64.5 119.7
 130 98.1 68.0 126.2





#42

Toluene

Concen: 0.375 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. 0.01 min

Lab File: VU031232.D

Acq: 16 Apr 2019 23:51

Instrument :

MSVOA_U

ClientSampleId :

BFC36

Tot Ion: 91 Resp: 5850

Ion Ratio Lower Upper

91 100

92 48.5 40.1 74.5

