

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041819\
 Data File : VU031289.D
 Acq On : 18 Apr 2019 04:48
 Operator : JC/SP
 Sample : K2452-07MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAMZ5MSD

Quant Time: Apr 18 10:10:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 18 08:39:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	216782	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	210940	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82849	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	106650	5.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.20%
7) Chloroethane-d5	1.68	69	87449	5.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.00%
11) 1,1-Dichloroethene-d2	2.27	63	216424	5.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	117.40%
20) 2-Butanone-d5	4.22	46	245685	59.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.70%
24) Chloroform-d	4.64	84	146070	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
26) 1,2-Dichloroethane-d4	5.31	65	78898	5.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.80%
32) Benzene-d6	5.33	84	282011	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.33	67	91954	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.56	98	245776	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.85	79	36256	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.31	63	189016	52.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	78885	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	85501	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

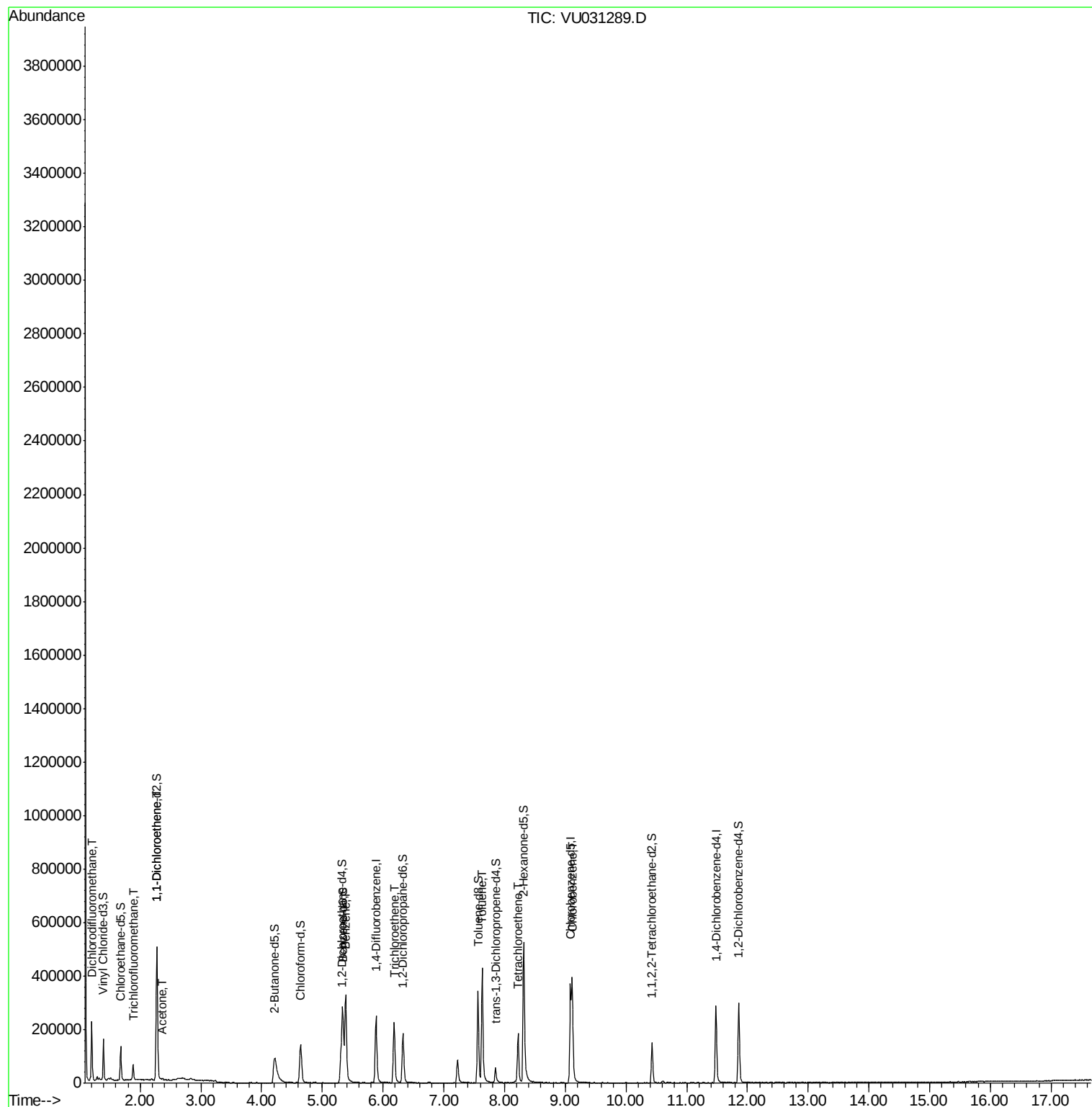
					Ovalue
2) Dichlorodifluoromethane	1.20	85	129359	7.188 ug/L	99
9) Trichlorofluoromethane	1.88	101	31982	1.090 ug/L	98
12) 1,1-Dichloroethene	2.28	96	103381	6.175 ug/L	100
13) Acetone	2.36	43	8841	2.617 ug/L	78
33) Benzene	5.38	78	337199	5.369 ug/L	100
34) Trichloroethene	6.18	95	82456	4.766 ug/L	96
42) Toluene	7.63	91	331598	4.899 ug/L	98
47) Tetrachloroethene	8.22	164	45815	3.506 ug/L	97
51) Chlorobenzene	9.12	112	212361	5.119 ug/L	99

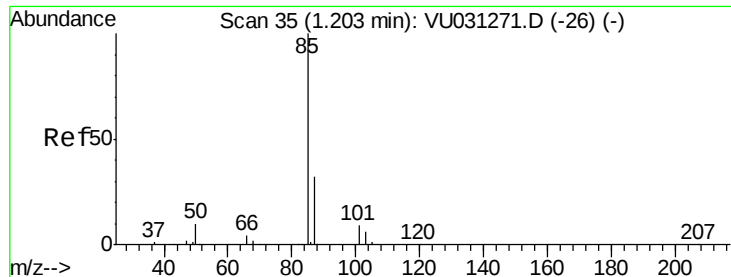
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 7.188 ug/L

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU031289.D

Acq: 18 Apr 2019 04:48

Instrument :

MSVOA_U

ClientSampleId :

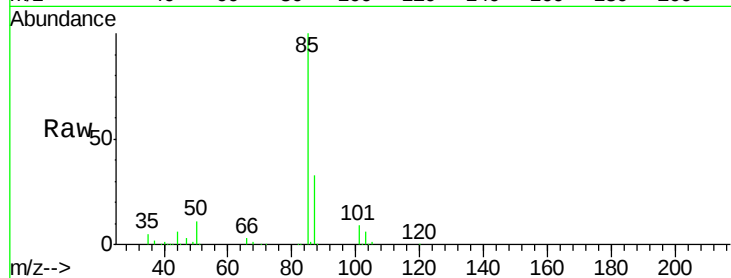
YAMZ5MSD

Tot Ion: 85 Resp: 129359

Ion Ratio Lower Upper

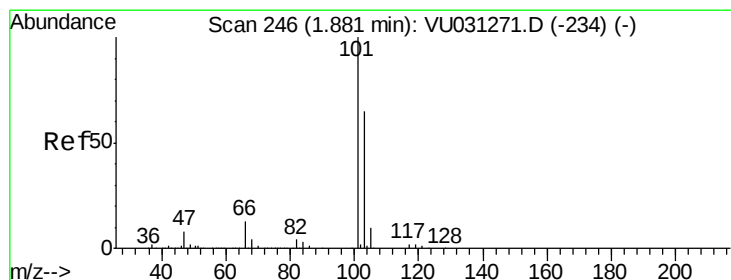
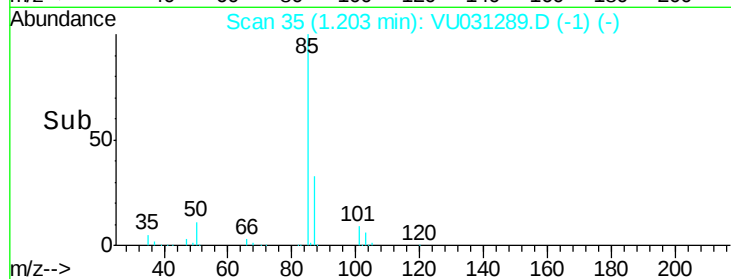
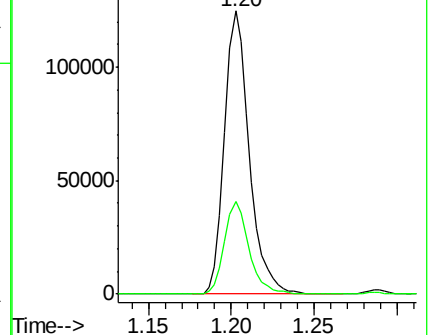
85 100

87 32.4 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VU031271.D (-26) (-)

Ion 87.00 (86.70 to 87.70): VU031271.D (-26) (-)



#9

Trichlorofluoromethane

Concen: 1.090 ug/L

RT: 1.88 min Scan# 247

Delta R.T. 0.00 min

Lab File: VU031289.D

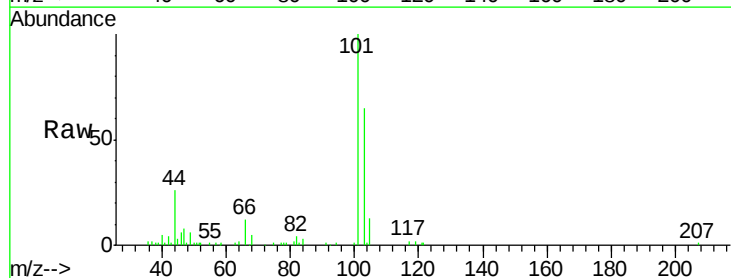
Acq: 18 Apr 2019 04:48

Tgt Ion: 101 Resp: 31982

Ion Ratio Lower Upper

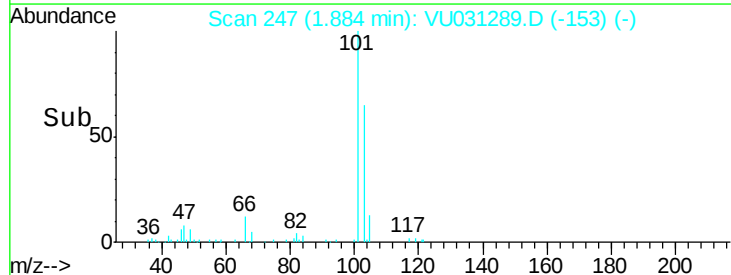
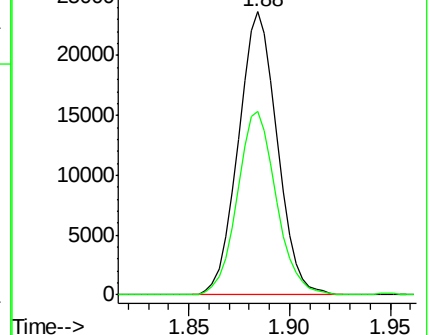
101 100

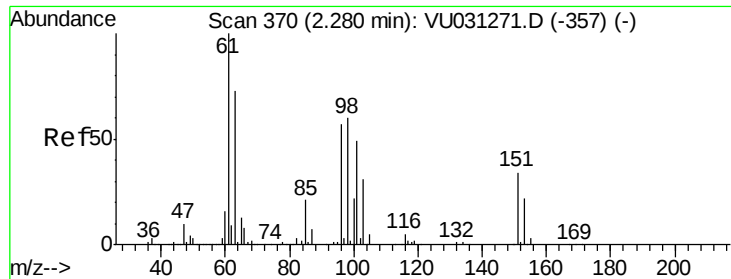
103 64.9 50.9 76.3



Abundance Ion 101.00 (100.70 to 101.70): VU031271.D (-234) (-)

Ion 103.00 (102.70 to 103.70): VU031271.D (-234) (-)





#12

1,1-Dichloroethene

Concen: 6.175 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU031289.D

Acq: 18 Apr 2019 04:48

Instrument :

MSVOA_U

ClientSampleId :

YAMZ5MSD

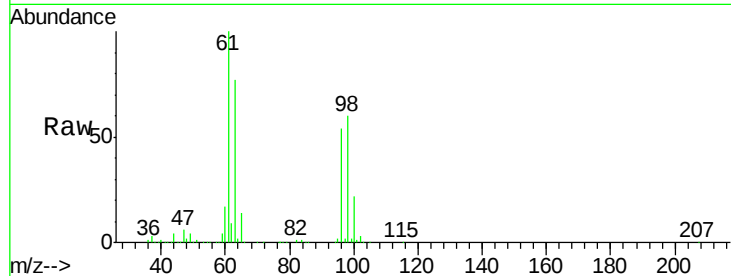
Tot Ion: 96 Resp: 103381

Ion Ratio Lower Upper

96 100

61 184.1 128.5 238.7

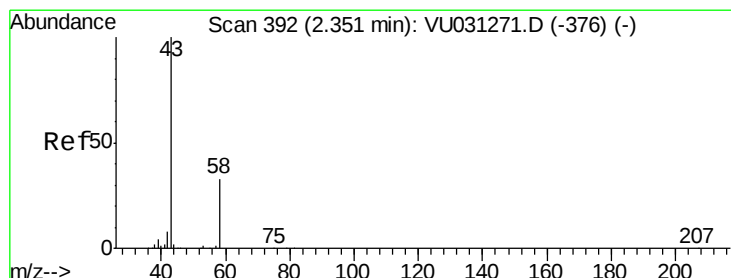
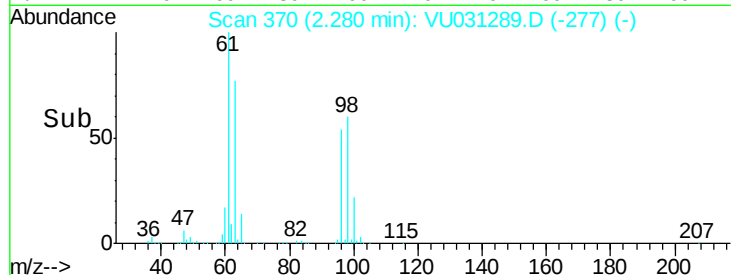
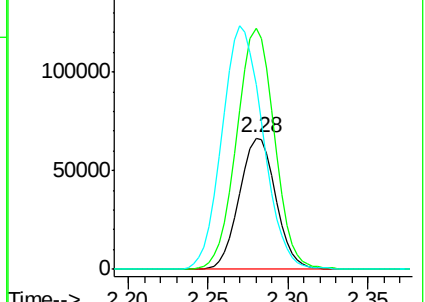
63 141.5 98.9 183.7



Abundance Ion 96.00 (95.70 to 96.70): VU031289.D (-277) (-)

Ion 61.05 (60.75 to 61.75): VU031289.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU031289.D (-277) (-)



#13

Acetone

Concen: 2.617 ug/L

RT: 2.36 min Scan# 396

Delta R.T. 0.01 min

Lab File: VU031289.D

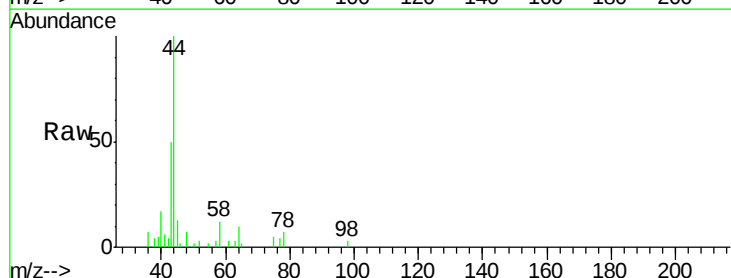
Acq: 18 Apr 2019 04:48

Tgt Ion: 43 Resp: 8841

Ion Ratio Lower Upper

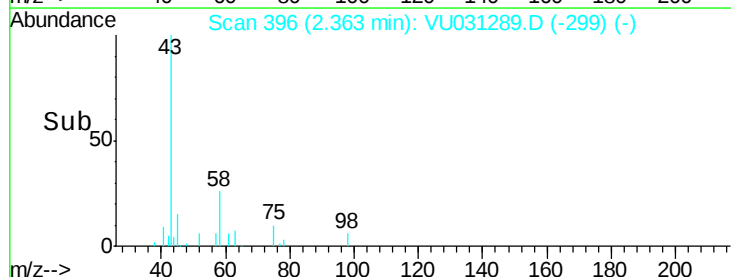
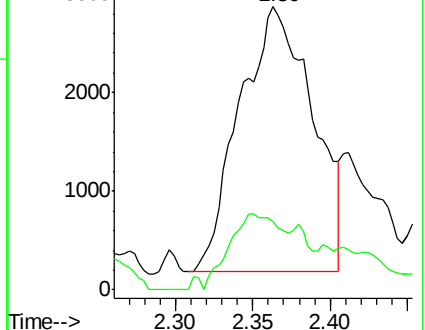
43 100

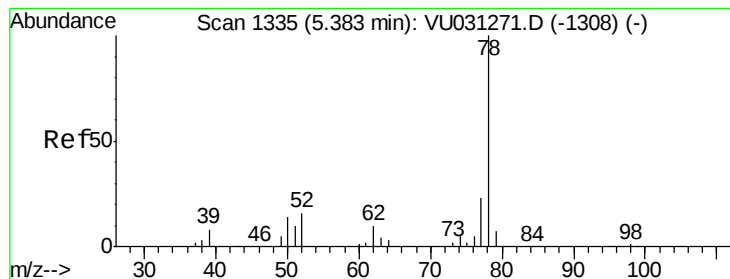
58 20.6 0.0 65.8



Abundance Ion 43.05 (42.75 to 43.75): VU031289.D (-299) (-)

Ion 58.05 (57.75 to 58.75): VU031289.D (-299) (-)





#33

Benzene

Concen: 5.369 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU031289.D

Acq: 18 Apr 2019 04:48

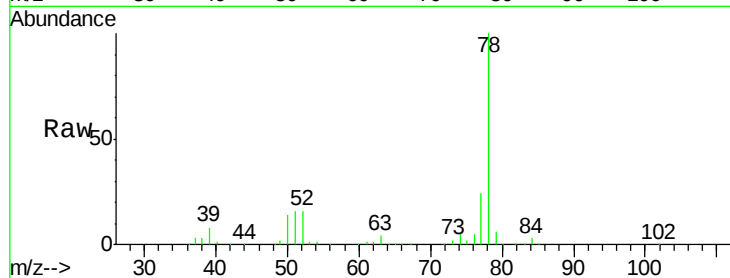
Instrument :

MSVOA_U

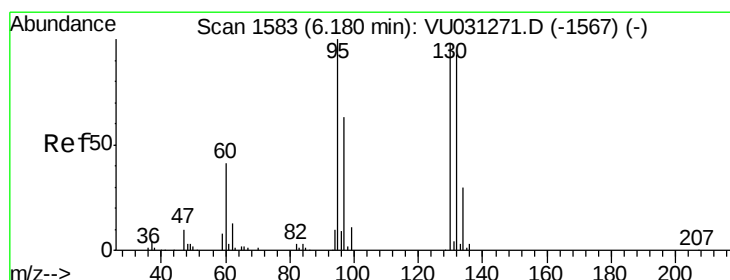
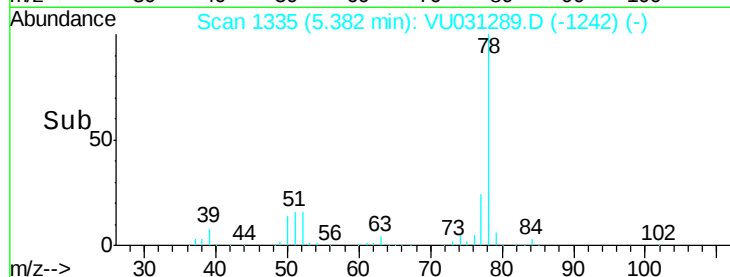
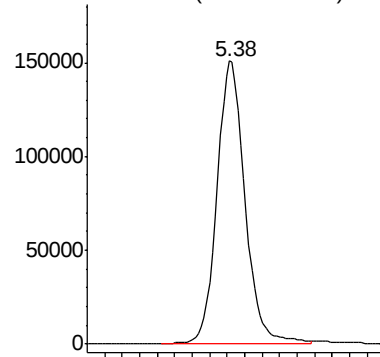
ClientSampleId :

YAMZ5MSD

Tgt Ion: 78 Resp: 337199



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.766 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031289.D

Acq: 18 Apr 2019 04:48

Tgt Ion: 95 Resp: 82456

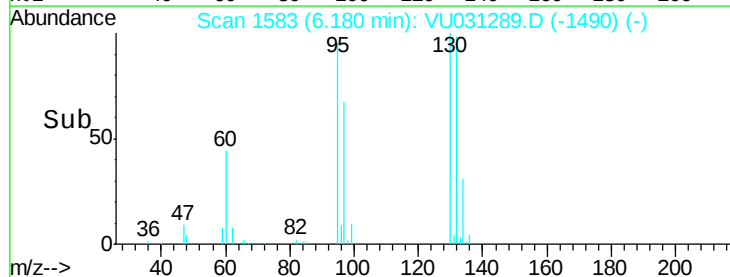
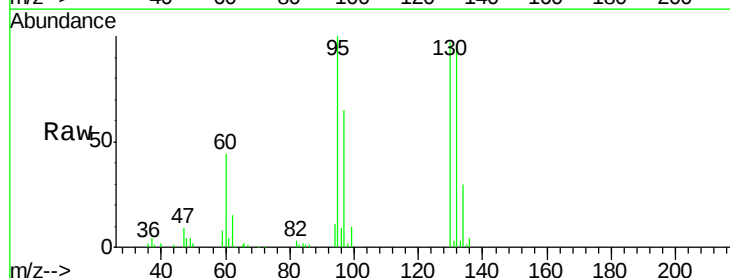
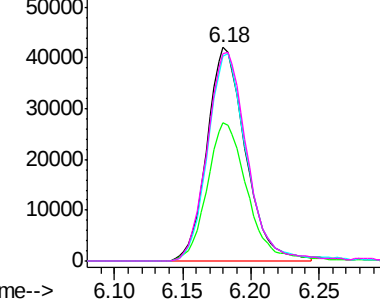
Ion	Ratio	Lower	Upper
95	100		
97	64.7	42.7	79.3
132	95.6	62.7	116.5
130	97.3	69.7	129.4

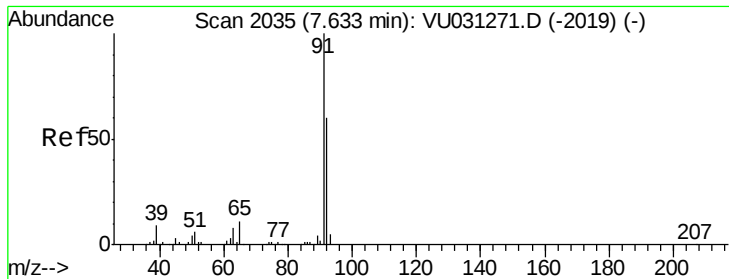
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#42

Toluene

Concen: 4.899 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU031289.D

Acq: 18 Apr 2019 04:48

Instrument :

MSVOA_U

ClientSampleId :

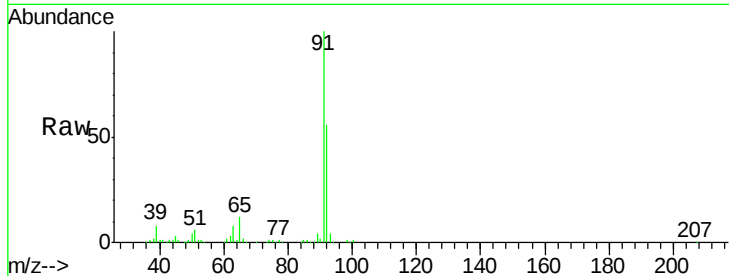
YAMZ5MSD

Tot Ion: 91 Resp: 331598

Ion Ratio Lower Upper

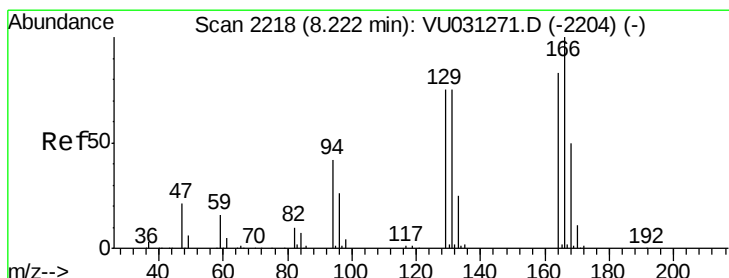
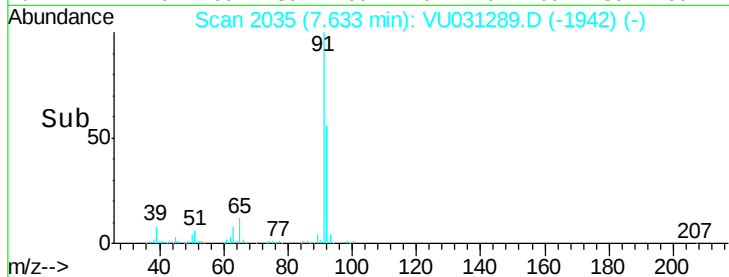
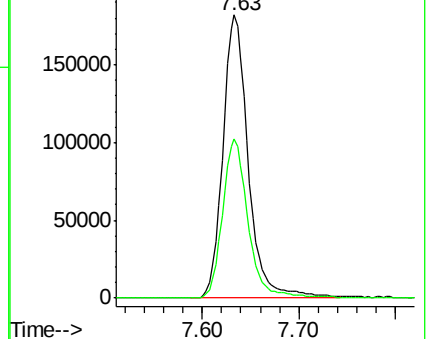
91 100

92 56.2 40.4 75.0



Abundance Ion 91.15 (90.85 to 91.85): VU031289.D (-2126) (-)

Ion 92.15 (91.85 to 92.85): VU031289.D (-2126) (-)



#47

Tetrachloroethene

Concen: 3.506 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU031289.D

Acq: 18 Apr 2019 04:48

Tgt Ion: 164 Resp: 45815

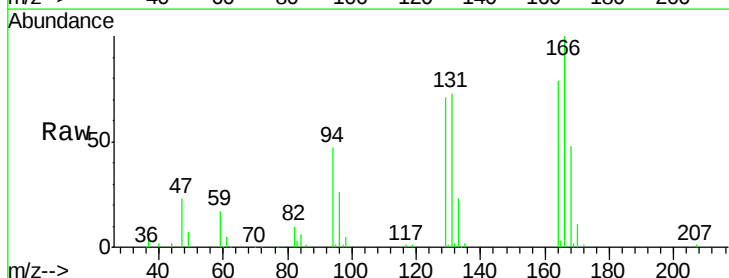
Ion Ratio Lower Upper

164 100

129 90.9 65.2 121.2

131 92.5 61.9 114.9

166 127.4 91.2 169.4

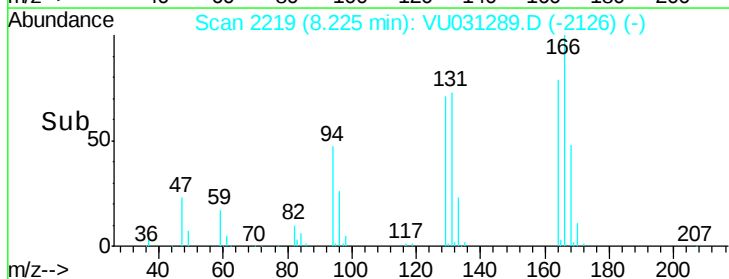
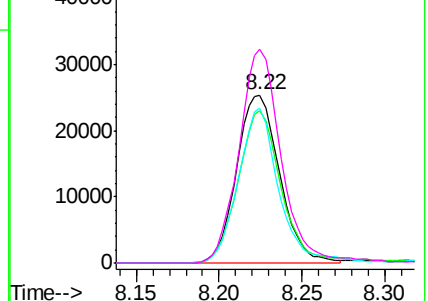


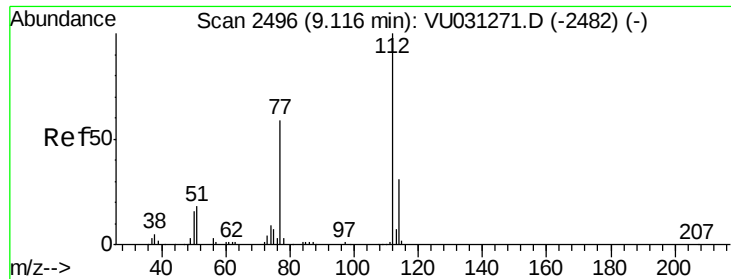
Abundance Ion 163.90 (163.60 to 164.60): VU031289.D (-2126) (-)

Ion 128.95 (128.65 to 129.65): VU031289.D (-2126) (-)

Ion 130.95 (130.65 to 131.65): VU031289.D (-2126) (-)

Ion 165.90 (165.60 to 166.60): VU031289.D (-2126) (-)





#51
 Chlorobenzene
 Concen: 5.119 ug/L
 RT: 9.12 min Scan# 2496
 Delta R.T. -0.00 min
 Lab File: VU031289.D
 Acq: 18 Apr 2019 04:48

Instrument :
 MSVOA_U
 ClientSampleId :
 YAMZ5MSD

Tot Ion:	112	Resp:	212361
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.2	41.2
77	57.8	46.7	70.1

