

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041819\
 Data File : VU031288.D
 Acq On : 18 Apr 2019 04:23
 Operator : JC/SP
 Sample : K2452-06MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAMZ5MS

Quant Time: Apr 18 10:06:17 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	220016	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	213890	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87375	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109459	6.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.60%
7) Chloroethane-d5	1.68	69	91526	6.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.60%
11) 1,1-Dichloroethene-d2	2.27	63	224355	6.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	120.00%
20) 2-Butanone-d5	4.22	46	245799	58.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.00%
24) Chloroform-d	4.64	84	148011	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
26) 1,2-Dichloroethane-d4	5.31	65	81835	6.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.40%
32) Benzene-d6	5.33	84	289257	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.33	67	94565	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.56	98	253604	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.85	79	35811	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.31	63	185849	51.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	76733	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	89353	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

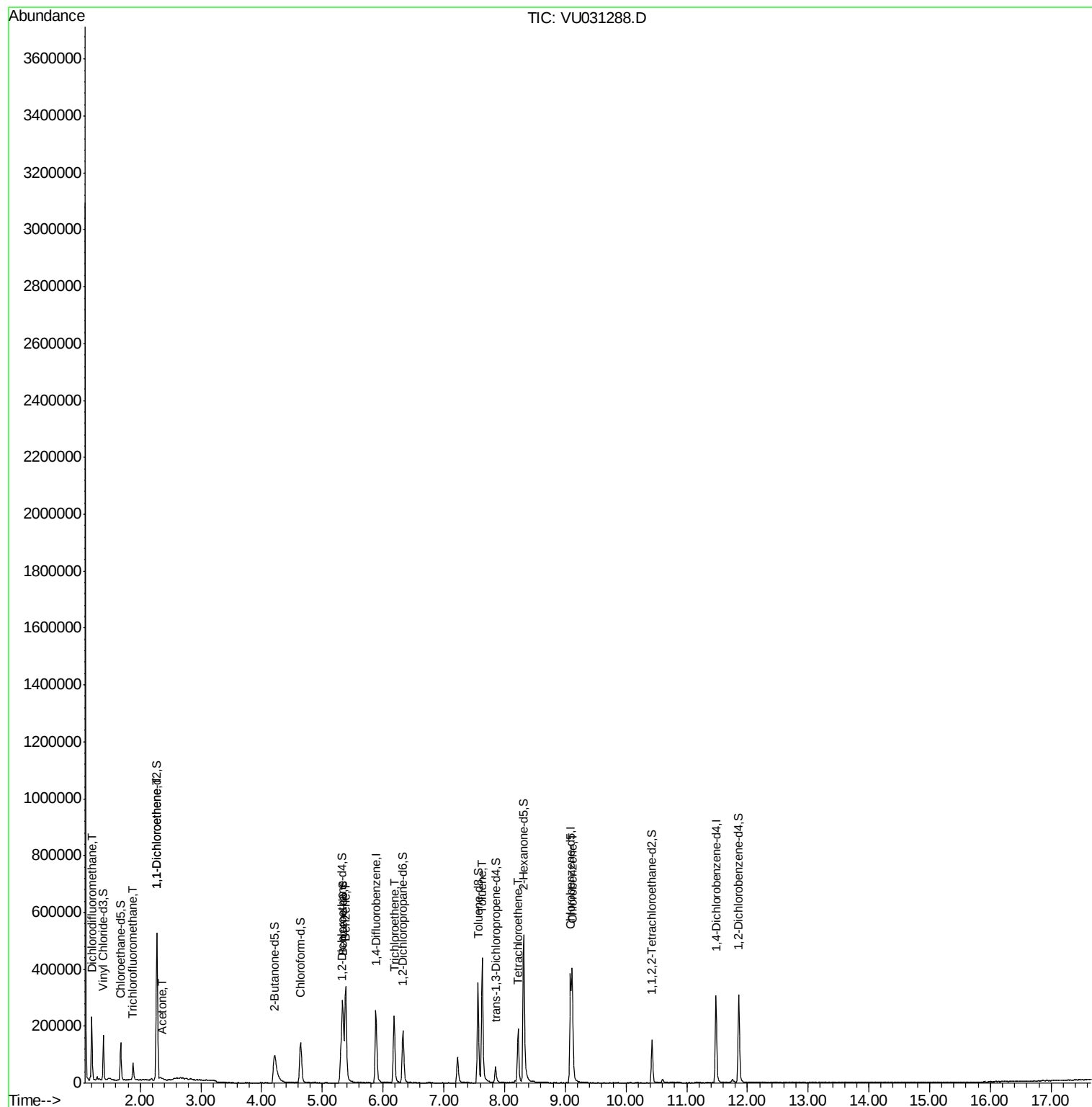
					Ovalue
2) Dichlorodifluoromethane	1.20	85	136476	7.472 ug/L	96
9) Trichlorofluoromethane	1.88	101	32358	1.087 ug/L	98
12) 1,1-Dichloroethene	2.28	96	104957	6.177 ug/L	88
13) Acetone	2.36	43	11125	3.245 ug/L	76
33) Benzene	5.38	78	343616	5.396 ug/L	100
34) Trichloroethene	6.18	95	85469	4.872 ug/L	95
42) Toluene	7.63	91	340170	4.956 ug/L	100
47) Tetrachloroethene	8.22	164	46695	3.524 ug/L	93
51) Chlorobenzene	9.12	112	217578	5.172 ug/L	97

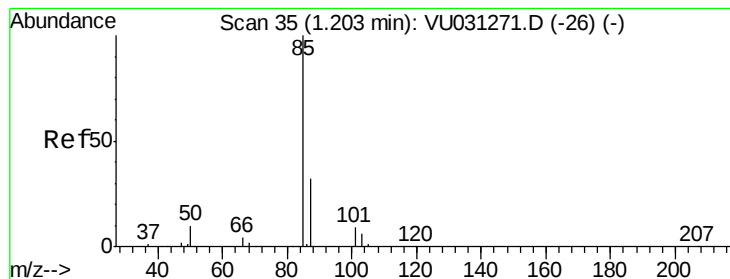
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041819\
Data File : VU031288.D
Acq On : 18 Apr 2019 04:23
Operator : JC/SP
Sample : K2452-06MS
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YAMZ5MS

Quant Time: Apr 18 10:06:17 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





#2

Dichlorodifluoromethane

Concen: 7.472 ug/L

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU031288.D

Acq: 18 Apr 2019 04:23

Instrument :

MSVOA_U

ClientSampleId :

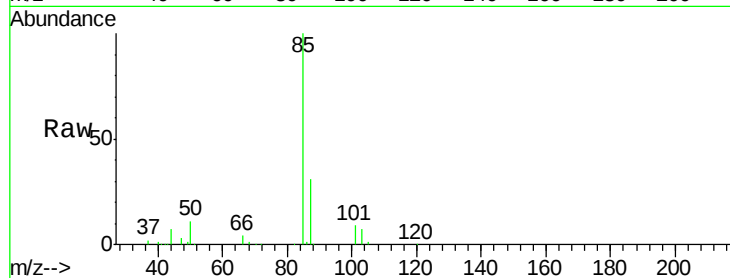
YAMZ5MS

Tot Ion: 85 Resp: 136476

Ion Ratio Lower Upper

85 100

87 30.9 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) (-)

1.20

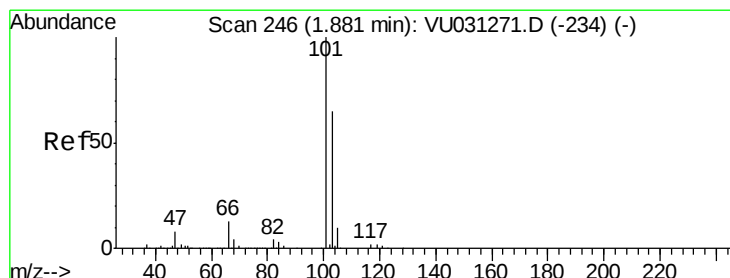
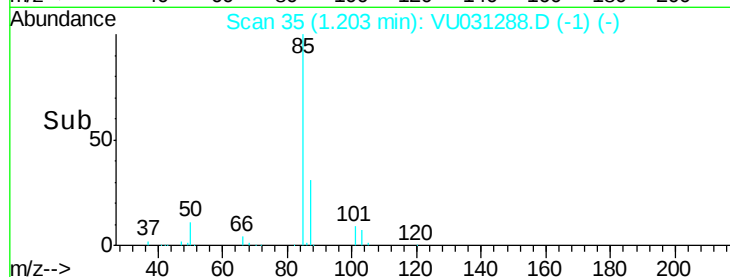
150000

100000

50000

0

Time-->



#9

Trichlorofluoromethane

Concen: 1.087 ug/L

RT: 1.88 min Scan# 247

Delta R.T. 0.00 min

Lab File: VU031288.D

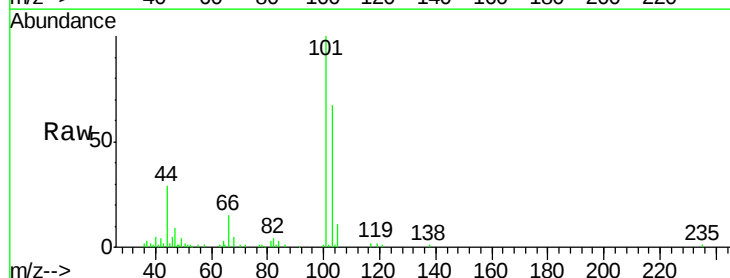
Acq: 18 Apr 2019 04:23

Tgt Ion:101 Resp: 32358

Ion Ratio Lower Upper

101 100

103 65.2 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) (-)

1.88

25000

20000

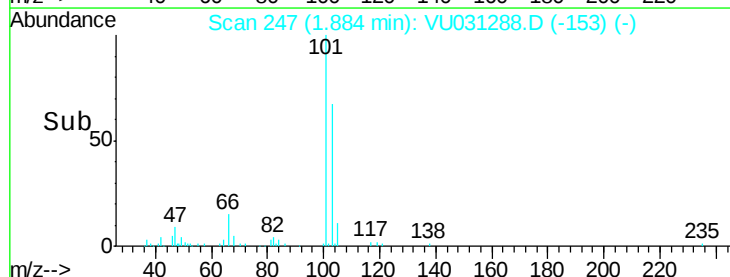
15000

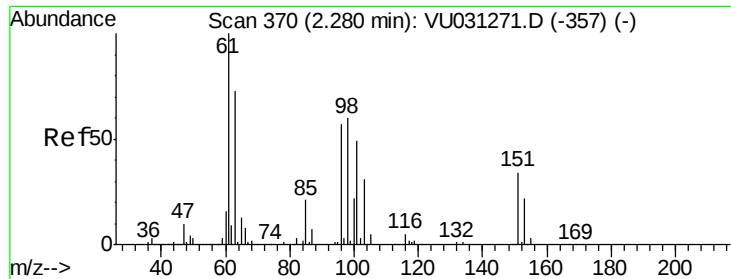
10000

5000

0

Time-->

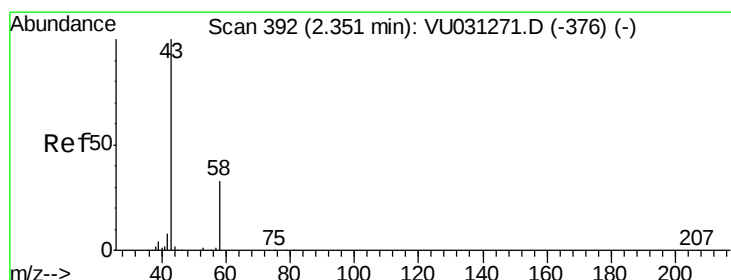
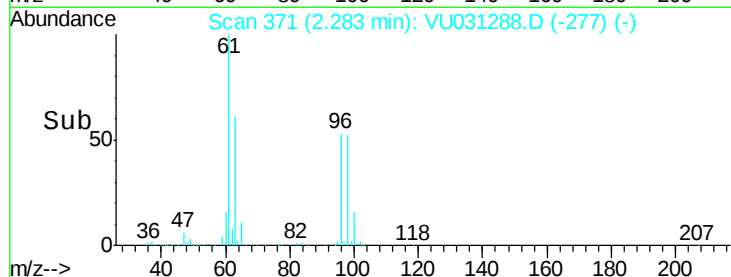
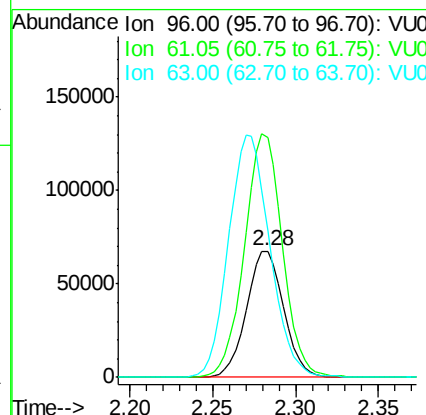
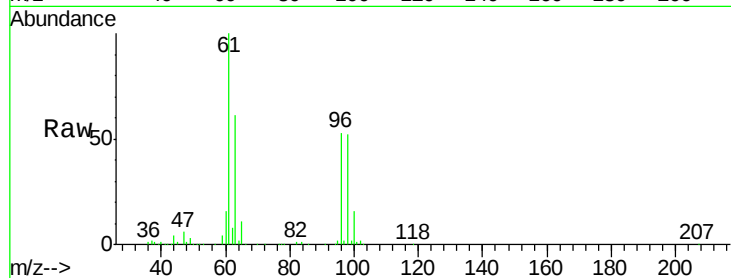




#12
 1,1-Dichloroethene
 Concen: 6.177 ug/L
 RT: 2.28 min Scan# 371
 Delta R.T. 0.00 min
 Lab File: VU031288.D
 Acq: 18 Apr 2019 04:23

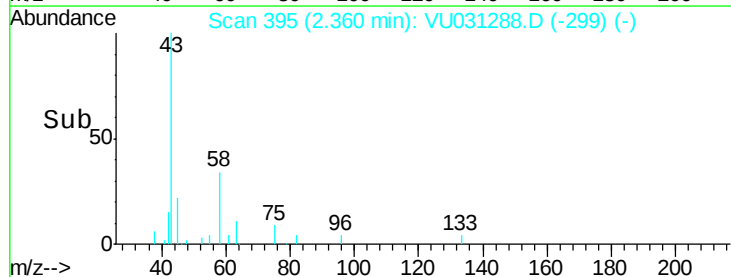
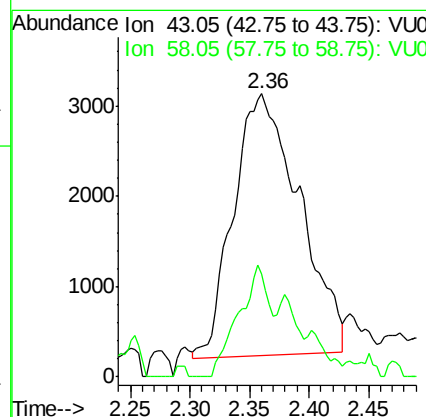
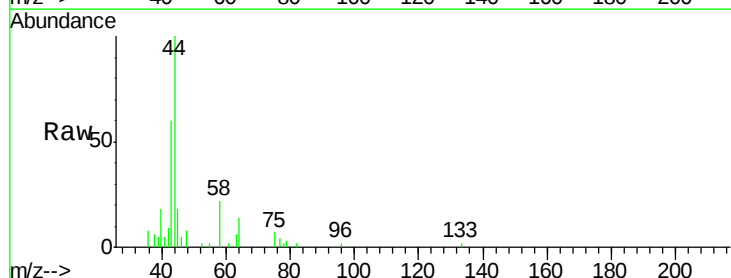
Instrument :
 MSVOA_U
 ClientSampleId :
 YAMZ5MS

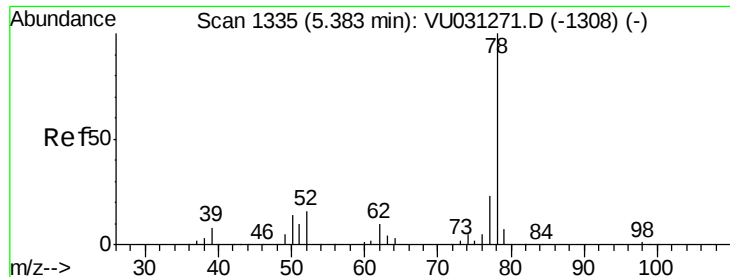
Tot Ion	96	Resp	104957
Ion Ratio	Lower	Upper	
96	100		
61	190.5	128.5	238.7
63	116.4	98.9	183.7



#13
 Acetone
 Concen: 3.245 ug/L
 RT: 2.36 min Scan# 395
 Delta R.T. 0.01 min
 Lab File: VU031288.D
 Acq: 18 Apr 2019 04:23

Tgt Ion	43	Resp	11125
Ion Ratio	Lower	Upper	
43	100		
58	19.6	0.0	65.8





#33

Benzene

Concen: 5.396 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU031288.D

Acq: 18 Apr 2019 04:23

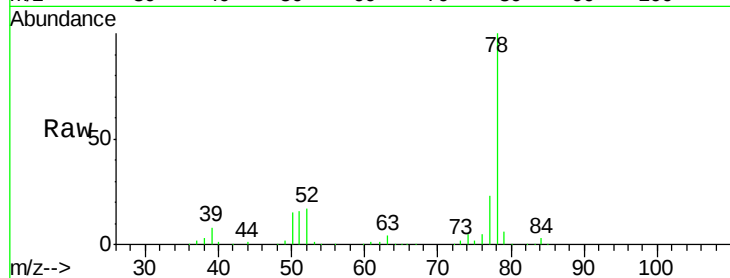
Instrument :

MSVOA_U

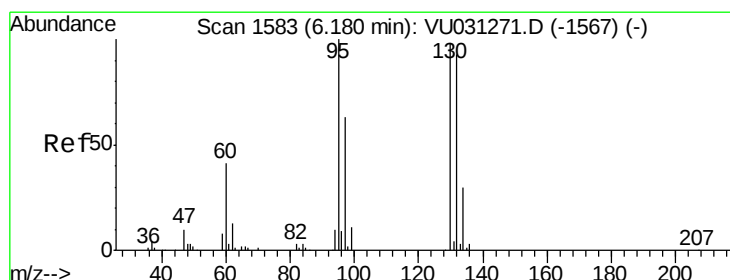
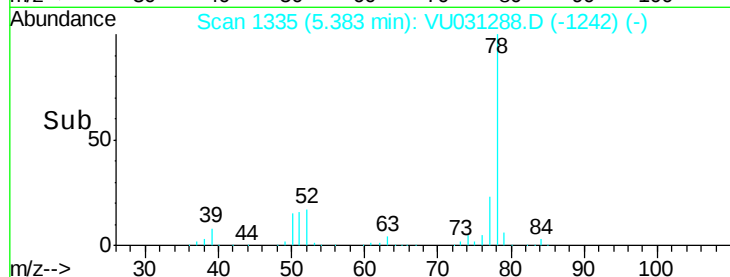
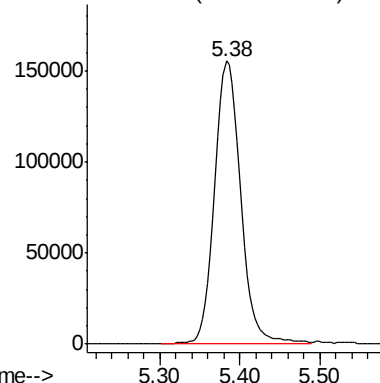
ClientSampleId :

YAMZ5MS

Tgt Ion: 78 Resp: 343616



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.872 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU031288.D

Acq: 18 Apr 2019 04:23

Tgt Ion: 95 Resp: 85469

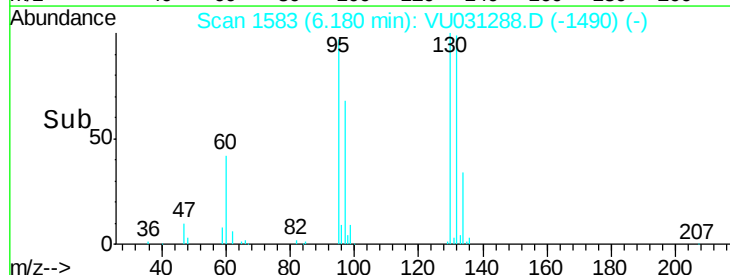
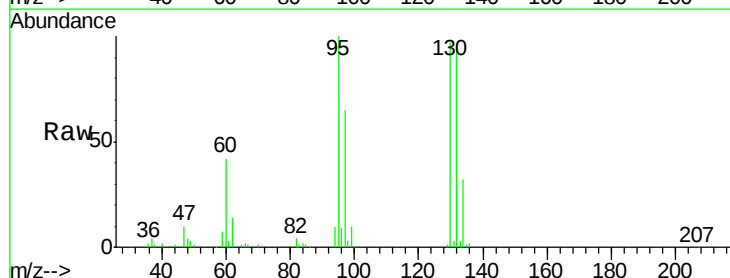
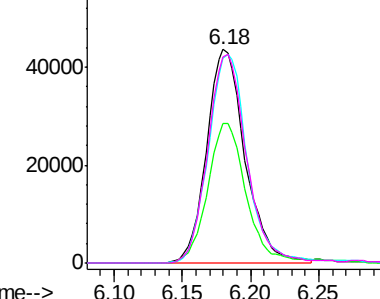
Ion	Ratio	Lower	Upper
95	100		
97	65.2	42.7	79.3
132	96.0	62.7	116.5
130	96.5	69.7	129.4

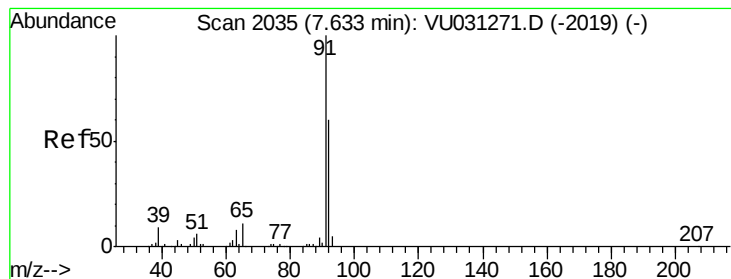
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.956 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031288.D

Acq: 18 Apr 2019 04:23

Instrument :

MSVOA_U

ClientSampleId :

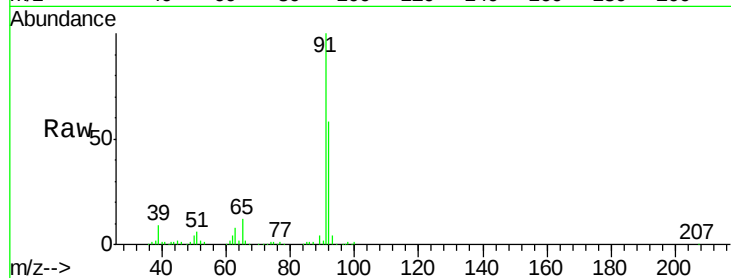
YAMZ5MS

Tot Ion: 91 Resp: 340170

Ion Ratio Lower Upper

91 100

92 57.5 40.4 75.0



Abundance Ion 91.15 (90.85 to 91.85): VU031271.D (-2019) (-)

Ion 92.15 (91.85 to 92.85): VU031271.D (-2019) (-)

7.63

200000

150000

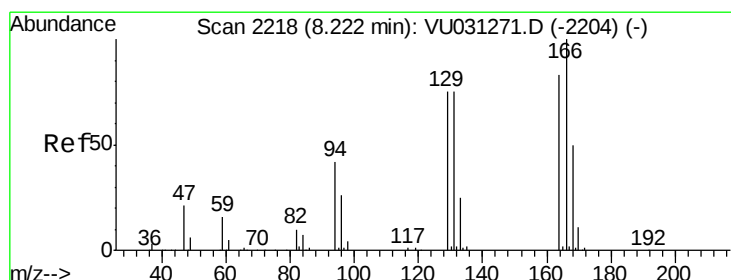
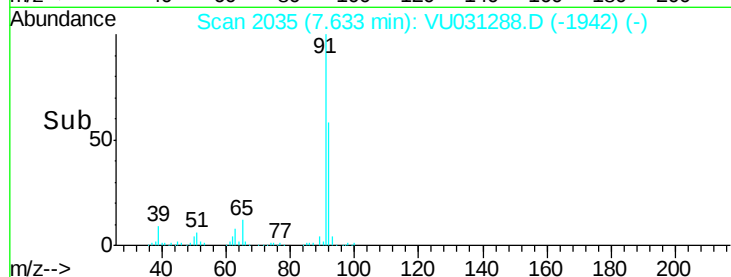
100000

50000

0

7.60 7.70

Time-->



#47

Tetrachloroethene

Concen: 3.524 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031288.D

Acq: 18 Apr 2019 04:23

Tgt Ion:164 Resp: 46695

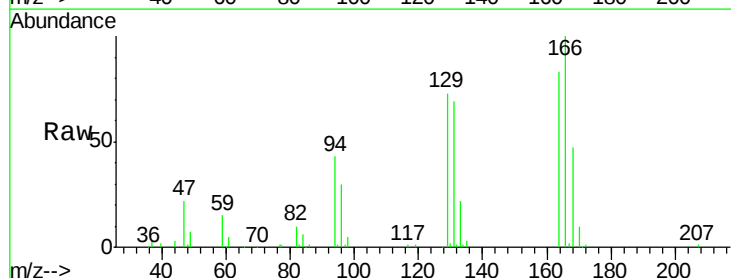
Ion Ratio Lower Upper

164 100

129 87.8 65.2 121.2

131 83.1 61.9 114.9

166 121.1 91.2 169.4



Abundance Ion 163.90 (163.60 to 164.60): VU031271.D (-2204) (-)

Ion 128.95 (128.65 to 129.65): VU031271.D (-2204) (-)

Ion 130.95 (130.65 to 131.65): VU031271.D (-2204) (-)

Ion 165.90 (165.60 to 166.60): VU031271.D (-2204) (-)

50000

40000

30000

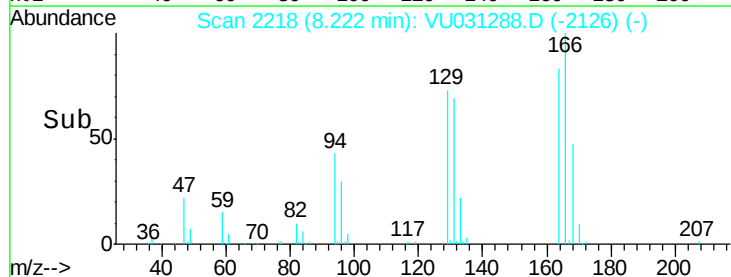
20000

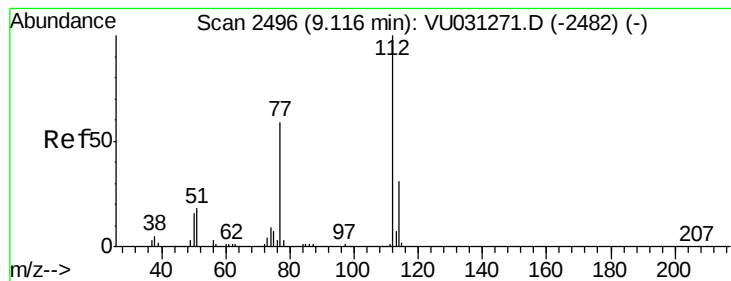
10000

0

8.15 8.20 8.25 8.30

Time-->





#51

Chlorobenzene

Concen: 5.172 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU031288.D

Acq: 18 Apr 2019 04:23

Instrument :

MSVOA_U

ClientSampleId :

YAMZ5MS

Tot Ion:112 Resp: 217578

Ion Ratio Lower Upper

112 100

114 32.3 22.2 41.2

77 61.2 46.7 70.1

