

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070419\
 Data File : VU033172.D
 Acq On : 03 Jul 2019 14:52
 Operator : JC/SP
 Sample : K3598-08MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM85MS

Quant Time: Jul 04 02:05:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 04 01:20:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	80775	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	83422	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	36753	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36538	7.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	156.40%#
7) Chloroethane-d5	1.68	69	29071	6.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	136.00%#
11) 1,1-Dichloroethene-d2	2.27	63	69699	6.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	126.60%#
20) 2-Butanone-d5	4.19	46	96168	56.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.00%
24) Chloroform-d	4.64	84	64354	5.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.40%
26) 1,2-Dichloroethane-d4	5.31	65	37632	5.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.80%
32) Benzene-d6	5.33	84	120983	6.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.80%
36) 1,2-Dichloropropane-d6	6.32	67	39716	5.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.20%
41) Toluene-d8	7.56	98	99593	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	7.85	79	13933	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.31	63	61744	52.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31605	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	39489	5.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.40%

Target Compounds

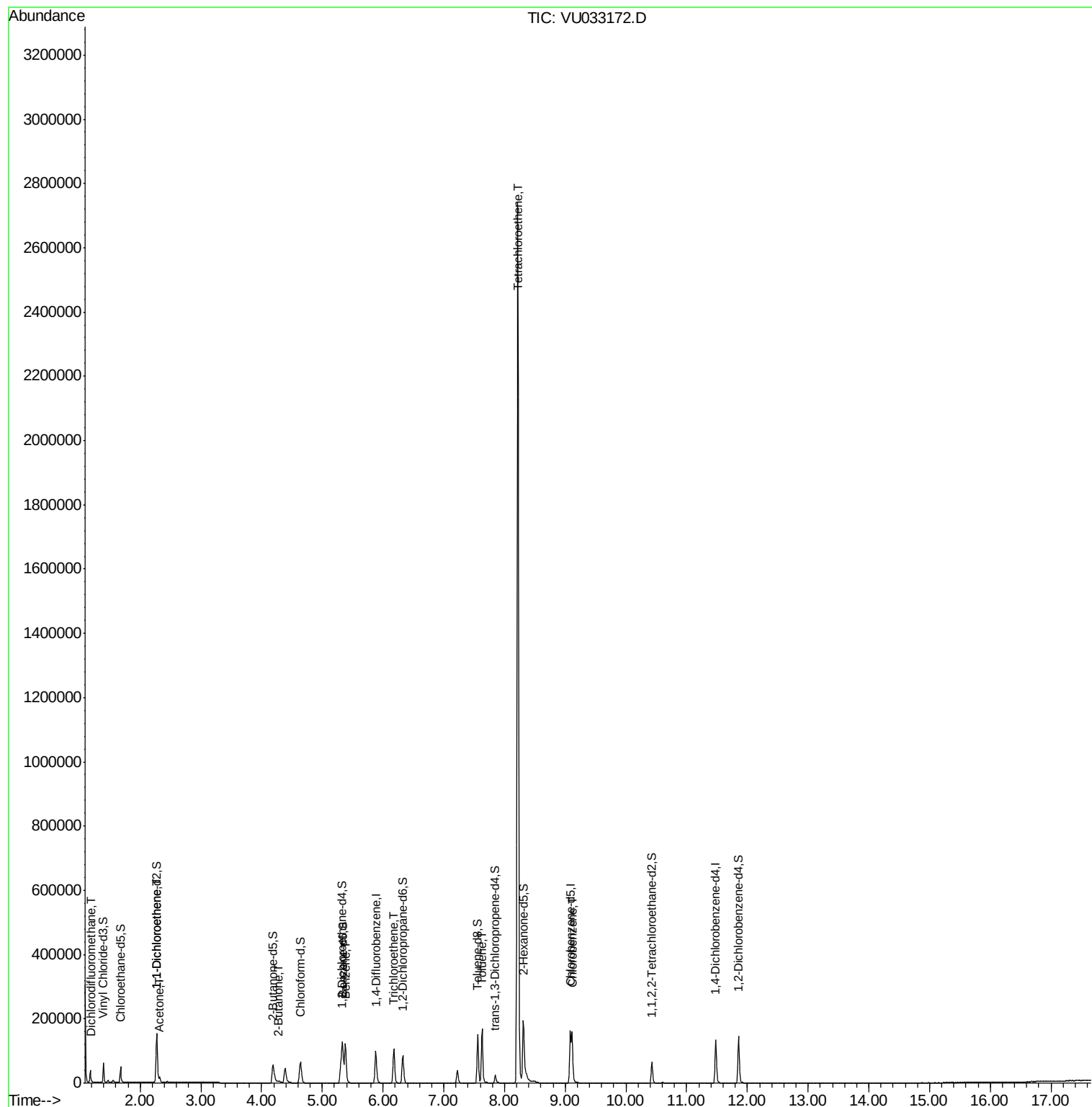
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	1301	0.157	ug/L	92
12) 1,1-Dichloroethene	2.28	96	23979	4.549	ug/L	86
13) Acetone	2.32	43	16748	12.239	ug/L	100
21) 2-Butanone	4.28	43	7915	3.999	ug/L #	74
33) Benzene	5.38	78	113001	4.597	ug/L	100
34) Trichloroethene	6.18	95	34726	5.178	ug/L	97
42) Toluene	7.63	91	118162	4.464	ug/L	99
47) Tetrachloroethene	8.22	164	576155	103.421	ug/L	95
51) Chlorobenzene	9.11	112	78007	4.472	ug/L	98

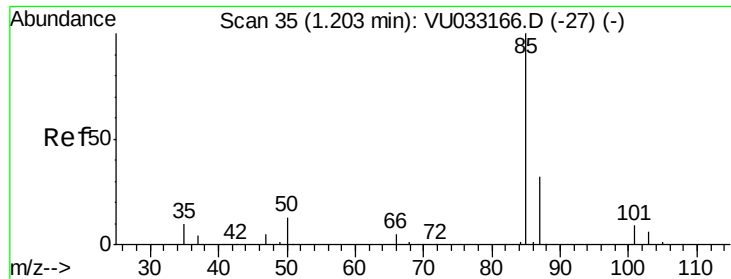
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.157 ug/L

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU033172.D

Acq: 03 Jul 2019 14:52

Instrument :

MSVOA_U

ClientSampleId :

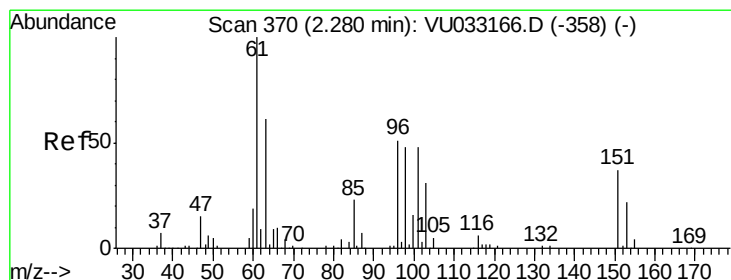
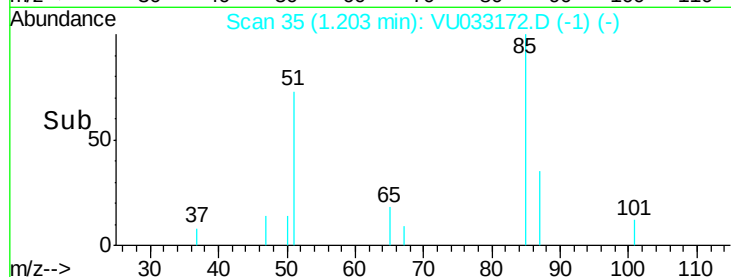
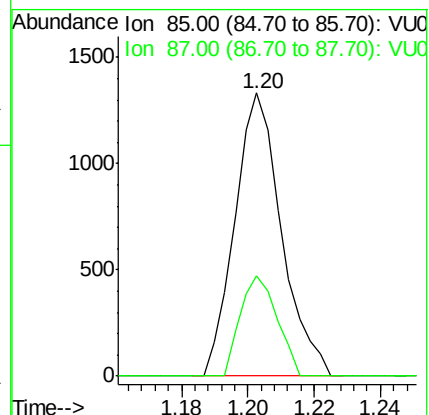
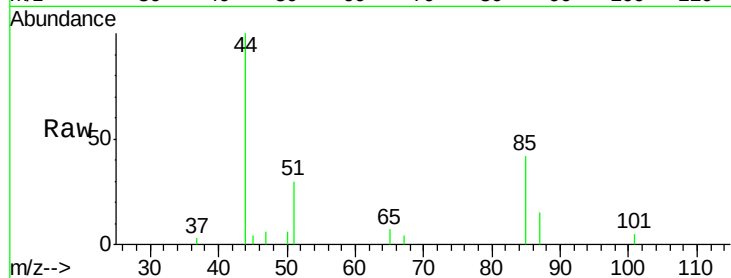
GAM85MS

Tot Ion: 85 Resp: 1301

Ion Ratio Lower Upper

85 100

87 27.8 25.8 38.8



#12

1,1-Dichloroethene

Concen: 4.549 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU033172.D

Acq: 03 Jul 2019 14:52

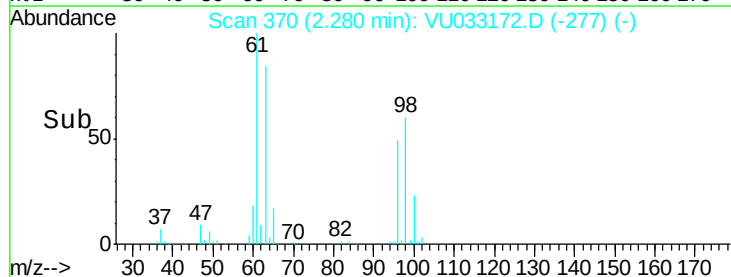
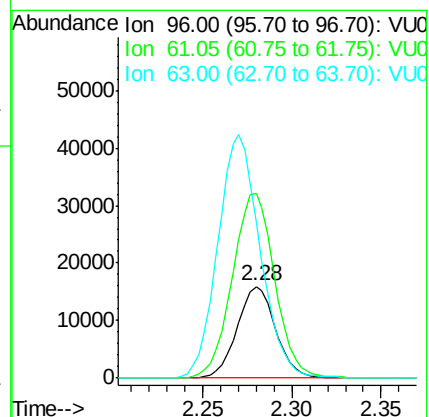
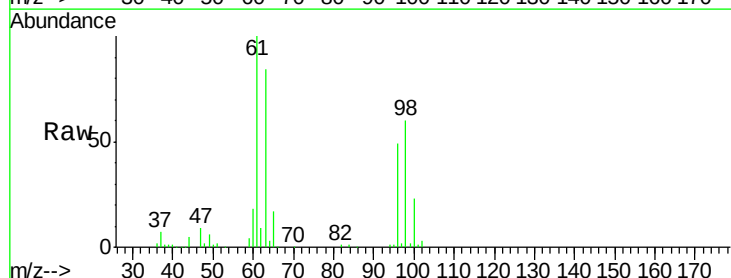
Tgt Ion: 96 Resp: 23979

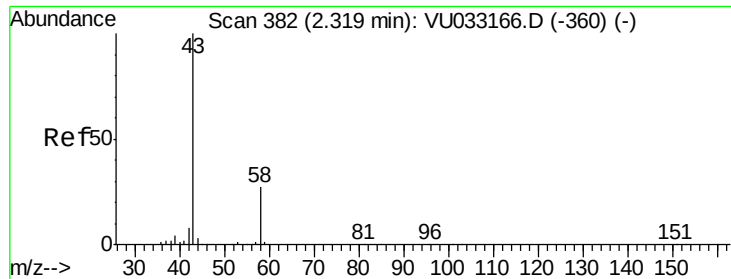
Ion Ratio Lower Upper

96 100

61 202.1 135.5 251.7

63 170.0 98.0 182.0





#13

Acetone

Concen: 12.239 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU033172.D

Acq: 03 Jul 2019 14:52

Instrument :

MSVOA_U

ClientSampleId :

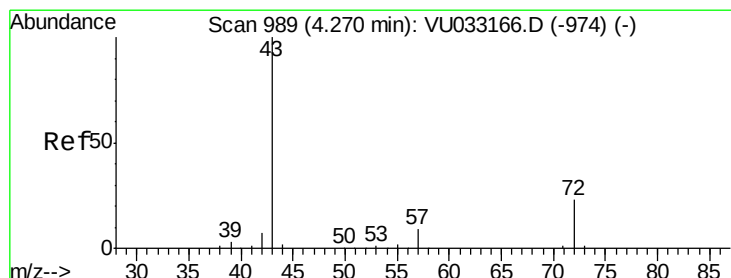
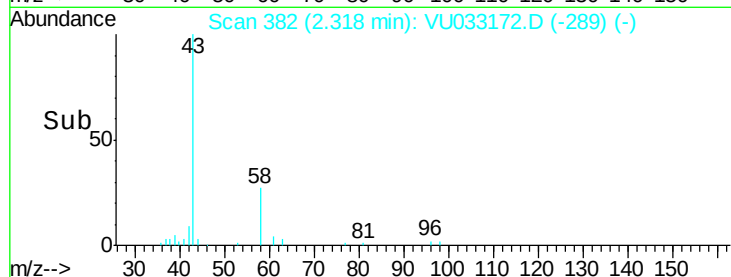
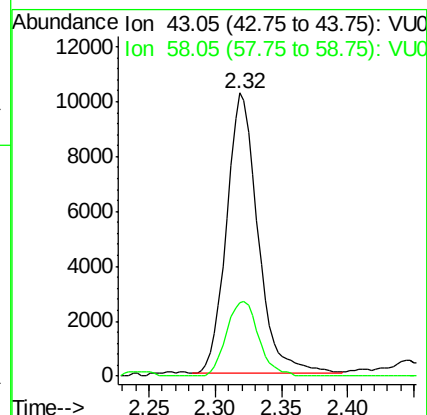
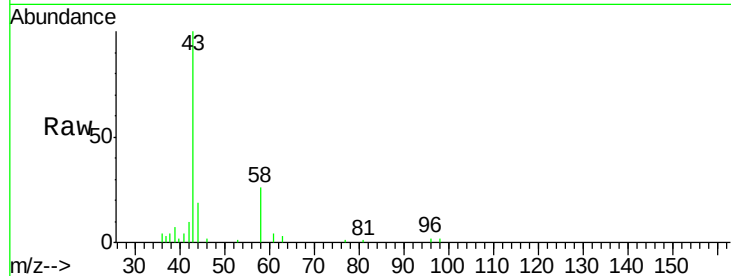
GAM85MS

Tot Ion: 43 Resp: 16748

Ion Ratio Lower Upper

43 100

58 27.5 0.0 55.4



#21

2-Butanone

Concen: 3.999 ug/L

RT: 4.28 min Scan# 993

Delta R.T. 0.01 min

Lab File: VU033172.D

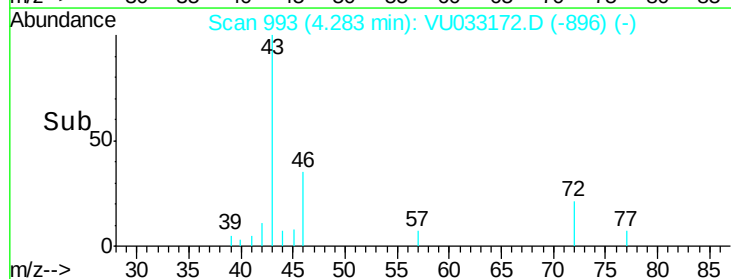
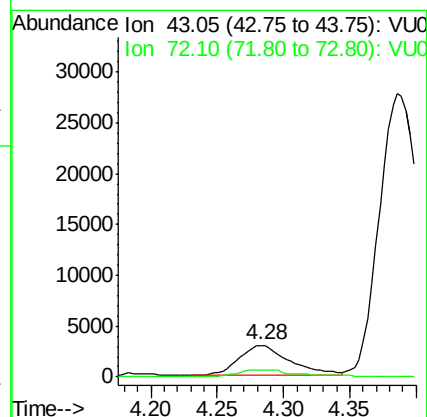
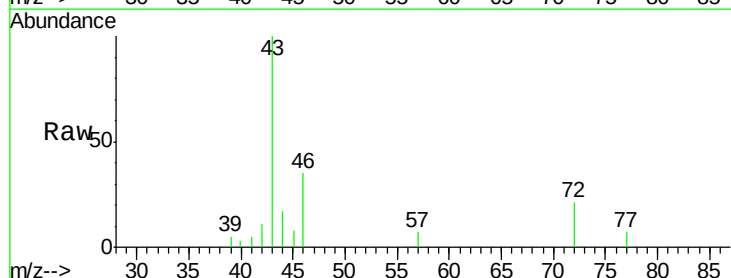
Acq: 03 Jul 2019 14:52

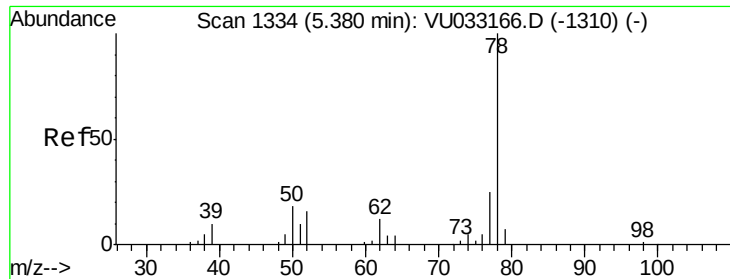
Tgt Ion: 43 Resp: 7915

Ion Ratio Lower Upper

43 100

72 11.1 12.1 36.3#





#33

Benzene

Concen: 4.597 ug/L

RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VU033172.D

Acq: 03 Jul 2019 14:52

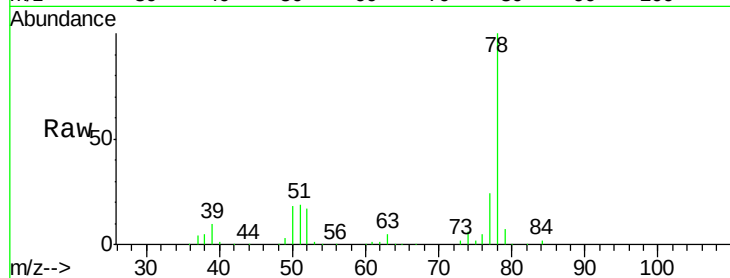
Instrument :

MSVOA_U

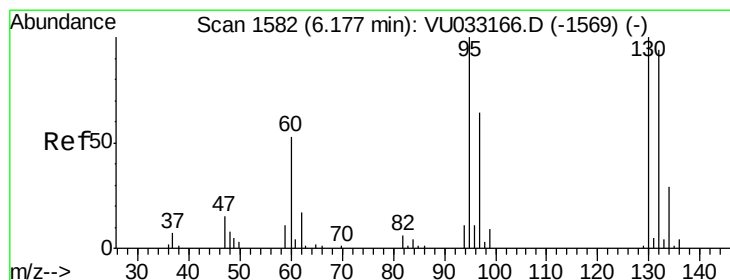
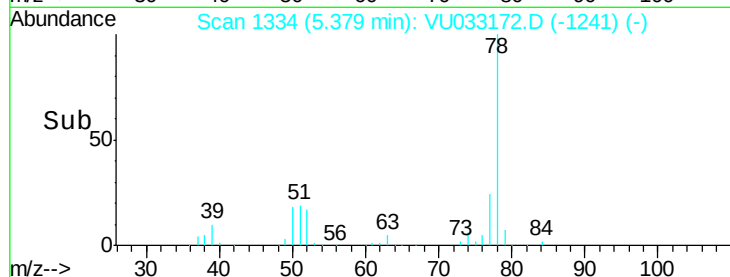
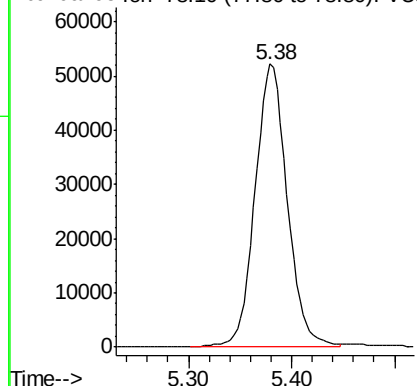
ClientSampleId :

GAM85MS

Tgt Ion: 78 Resp: 113001



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 5.178 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU033172.D

Acq: 03 Jul 2019 14:52

Tgt Ion: 95 Resp: 34726

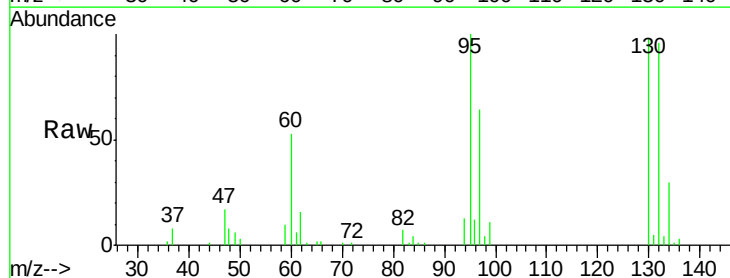
Ion	Ratio	Lower	Upper
95	100		
97	64.3	42.8	79.4
132	96.0	64.6	120.0
130	98.0	70.0	130.0

95 100

97 64.3 42.8 79.4

132 96.0 64.6 120.0

130 98.0 70.0 130.0

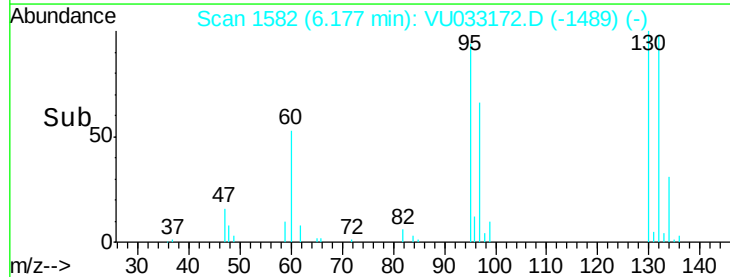
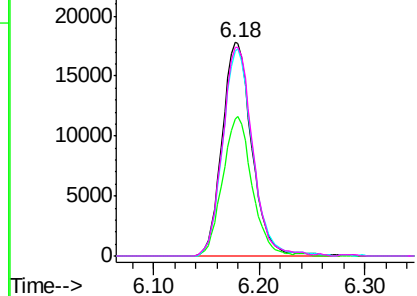


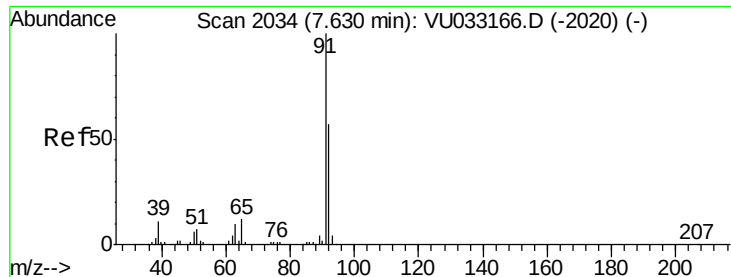
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.464 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU033172.D

Acq: 03 Jul 2019 14:52

Instrument :

MSVOA_U

ClientSampleId :

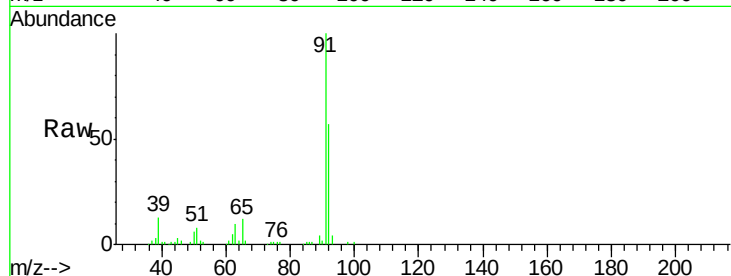
GAM85MS

Tot Ion: 91 Resp: 118162

Ion Ratio Lower Upper

91 100

92 57.5 39.7 73.7



Abundance Ion 91.15 (90.85 to 91.85): VU033166.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VU033166.D (-2020) (-)

7.63

60000

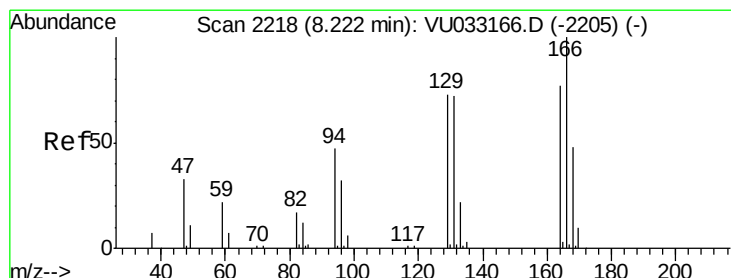
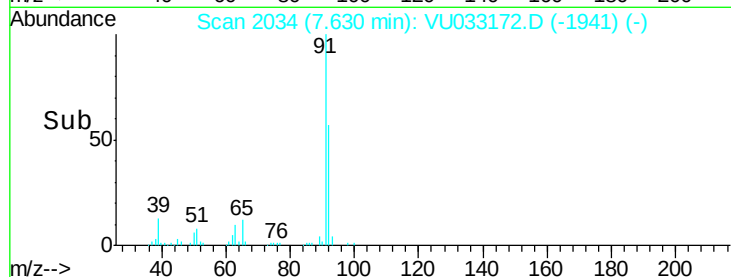
40000

20000

0

7.60 7.70

Time-->



#47

Tetrachloroethene

Concen: 103.421 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU033172.D

Acq: 03 Jul 2019 14:52

Tgt Ion: 164 Resp: 576155

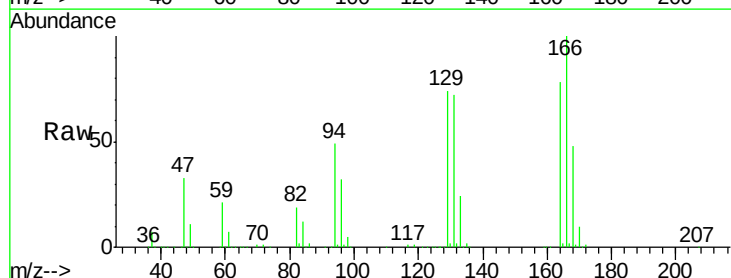
Ion Ratio Lower Upper

164 100

129 95.7 65.3 121.3

131 93.0 60.3 112.1

166 128.8 86.9 161.3



Abundance Ion 163.90 (163.60 to 164.60): VU033166.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VU033166.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VU033166.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VU033166.D (-2205) (-)

8.22

60000

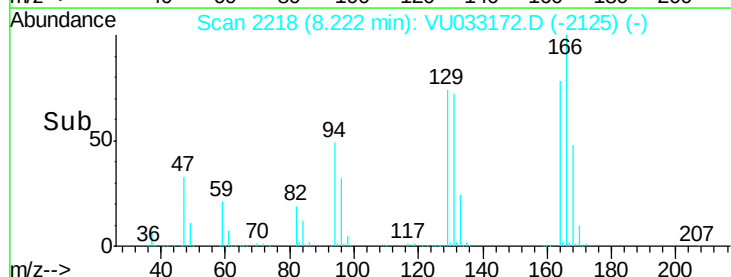
40000

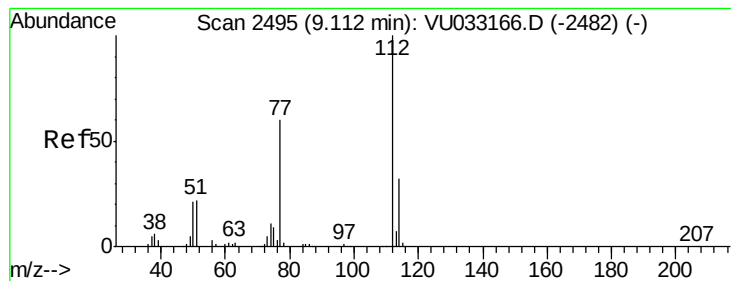
20000

0

8.10 8.20 8.30

Time-->





#51

Chlorobenzene

Concen: 4.472 ug/L

RT: 9.11 min Scan# 2495

Delta R.T. -0.00 min

Lab File: VU033172.D

Acq: 03 Jul 2019 14:52

Instrument :

MSVOA_U

ClientSampleId :

GAM85MS

Tot Ion:112 Resp: 78007

Ion Ratio Lower Upper

112 100

114 31.2 23.0 42.6

77 61.8 48.3 72.5

