

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\
 Data File : VU041707.D
 Acq On : 21 Dec 2020 17:53
 Operator : SY/MD
 Sample : L5162-10MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB255MS

Quant Time: Dec 22 05:27:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 22 02:49:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	145615	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	136859	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	62192	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	44943	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.92	69	45237	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.58	63	88953	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	4.65	46	179847	55.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.00%
24) Chloroform-d	5.08	84	93014	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.72	65	53220	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.74	84	170920	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.70	67	57251	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.90	98	148821	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	8.19	79	24752	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.64	63	157050	52.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.00%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55824	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	51940	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

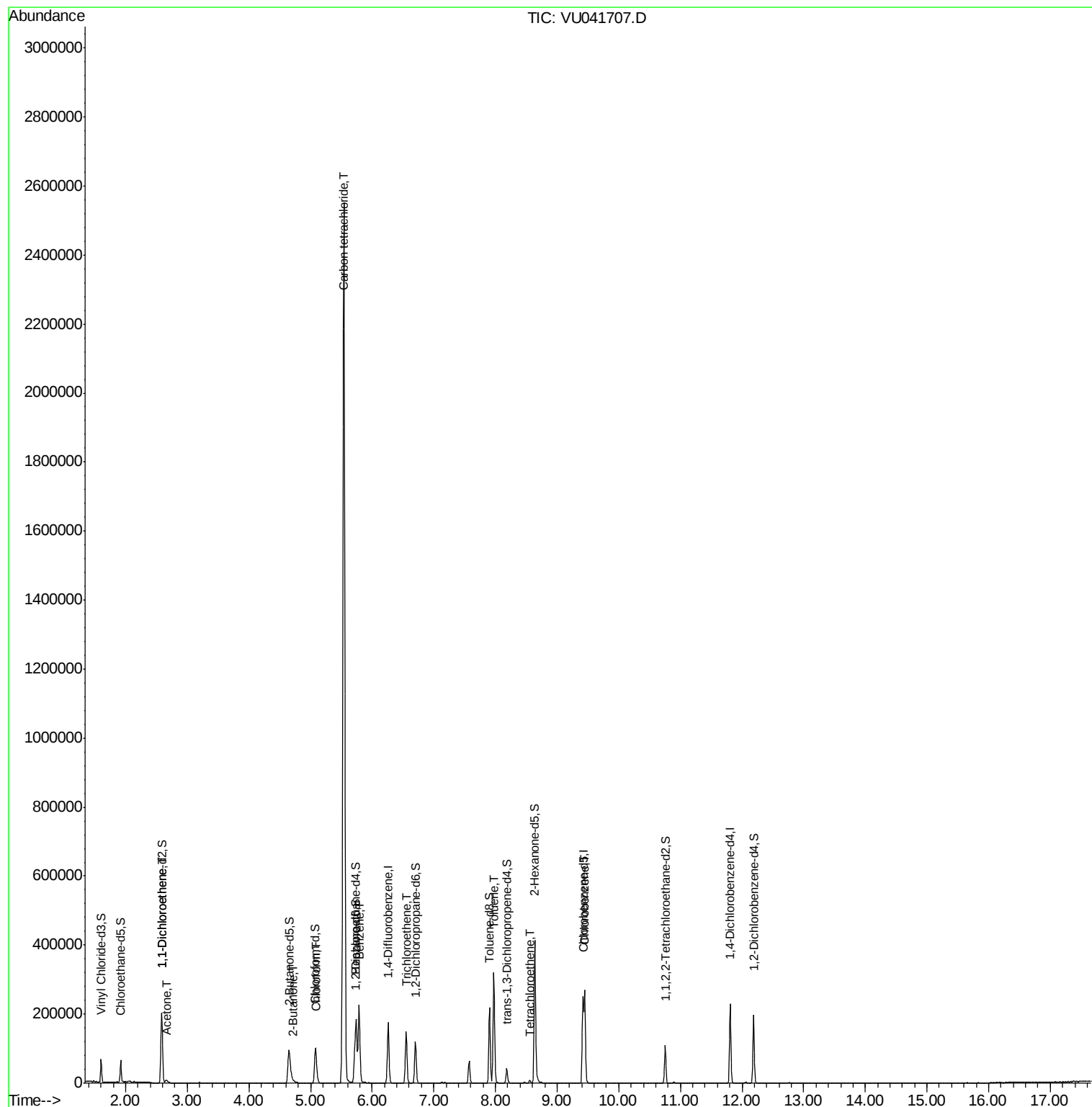
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	49110	4.972	ug/L	91
13) Acetone	2.66	43	15648	7.523	ug/L	87
21) 2-Butanone	4.73	43	2806	0.828	ug/L	75
25) Chloroform	5.10	83	14164	0.737	ug/L	99
31) Carbon tetrachloride	5.54	117	1776192	130.698	ug/L	99
33) Benzene	5.79	78	214516	4.901	ug/L	100
34) Trichloroethene	6.55	95	53788	4.890	ug/L	98
42) Toluene	7.97	91	238989	5.289	ug/L	98
47) Tetrachloroethene	8.56	164	1721	0.224	ug/L	87
51) Chlorobenzene	9.45	112	142438	5.071	ug/L	99

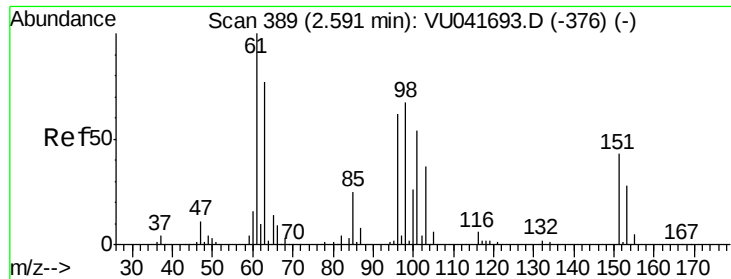
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.972 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU041707.D

Acq: 21 Dec 2020 17:53

Instrument :

MSVOA_U

ClientSampleId :

GB255MS

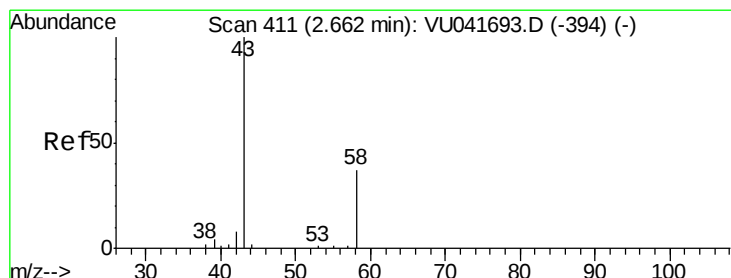
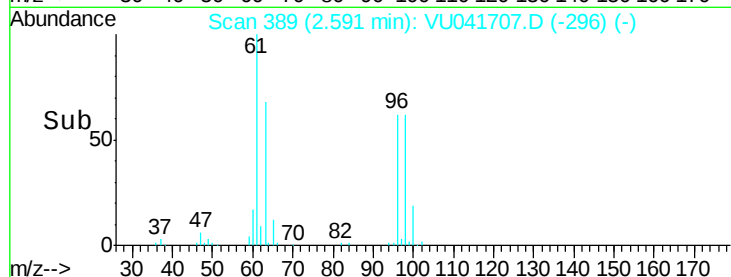
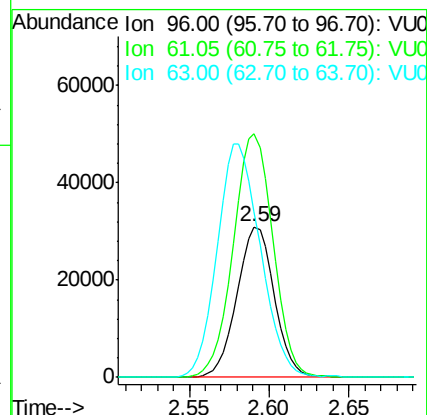
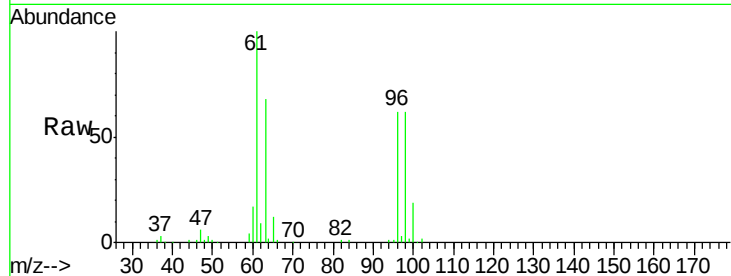
Tot Ion: 96 Resp: 49110

Ion Ratio Lower Upper

96 100

61 161.9 123.8 230.0

63 110.1 81.0 150.4



#13

Acetone

Concen: 7.523 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.00 min

Lab File: VU041707.D

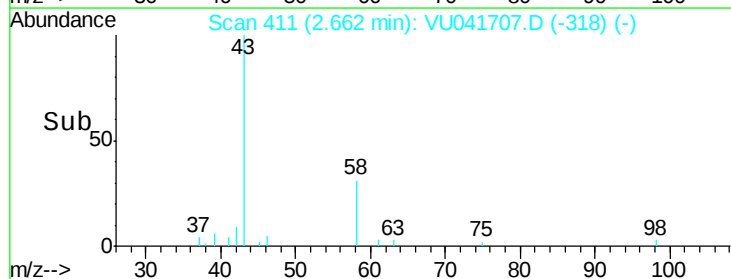
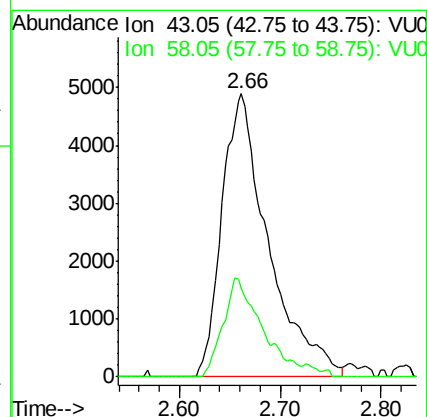
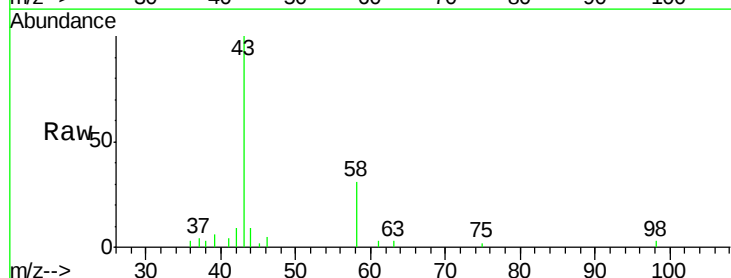
Acq: 21 Dec 2020 17:53

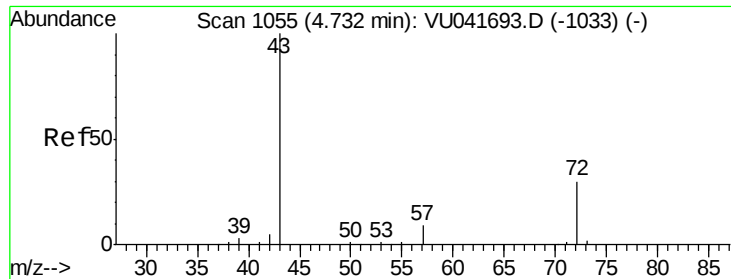
Tgt Ion: 43 Resp: 15648

Ion Ratio Lower Upper

43 100

58 28.9 0.0 73.2





#21

2-Butanone

Concen: 0.828 ug/L

RT: 4.73 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VU041707.D

Acq: 21 Dec 2020 17:53

Instrument :

MSVOA_U

ClientSampleId :

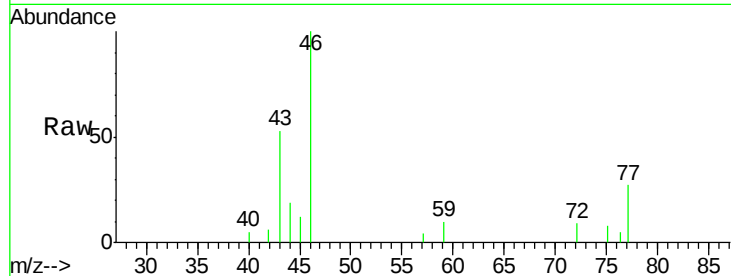
GB255MS

Tot Ion: 43 Resp: 2806

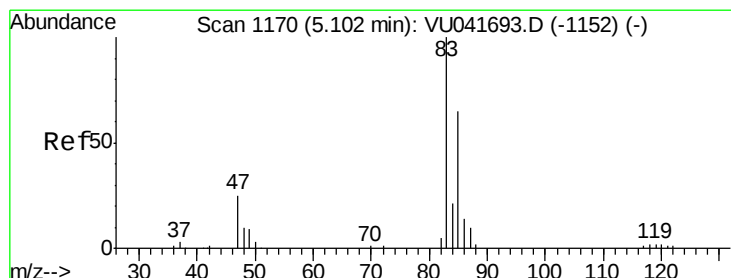
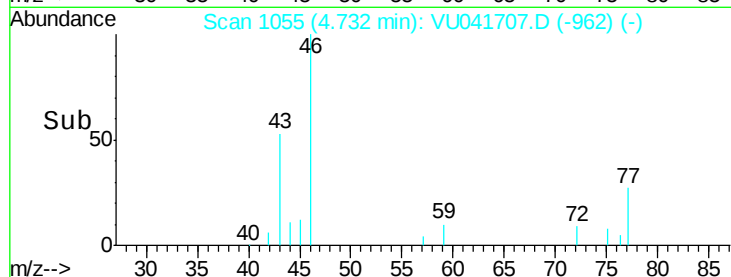
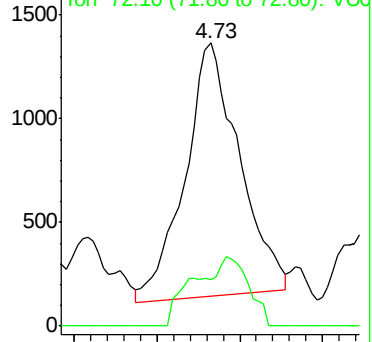
Ion Ratio Lower Upper

43 100

72 16.1 14.6 44.0



Abundance Ion 43.05 (42.75 to 43.75): VU041707.D (-962) (-)



#25

Chloroform

Concen: 0.737 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VU041707.D

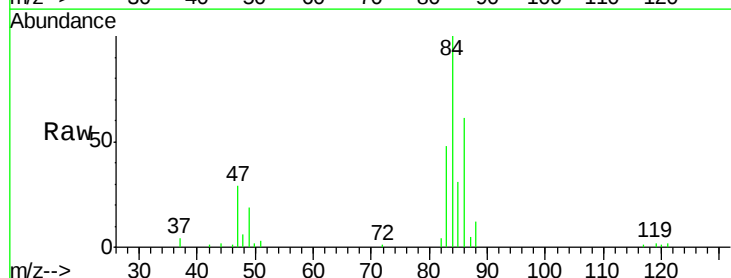
Acq: 21 Dec 2020 17:53

Tgt Ion: 83 Resp: 14164

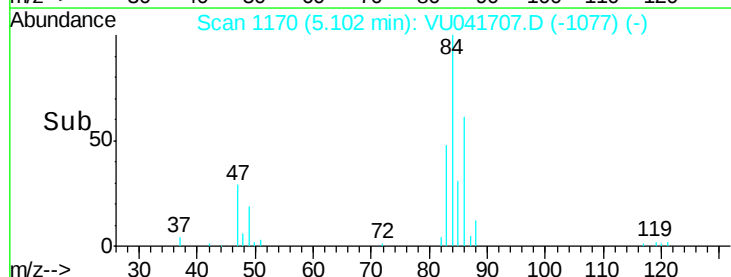
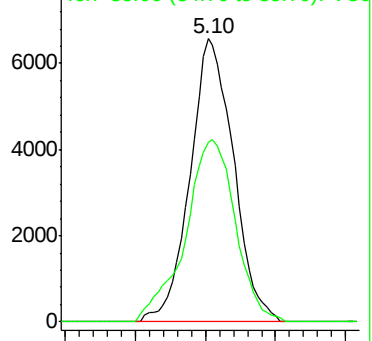
Ion Ratio Lower Upper

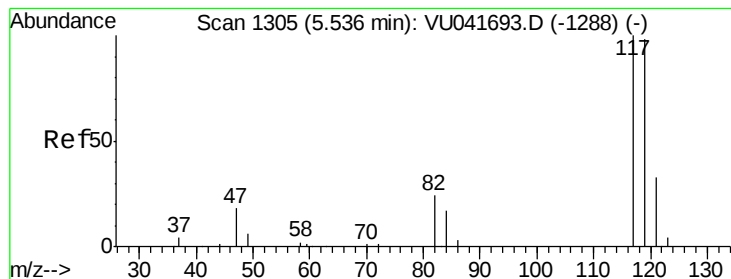
83 100

85 63.6 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU041707.D (-1077) (-)





#31

Carbon tetrachloride

Concen: 130.698 ug/L

RT: 5.54 min Scan# 1307

Delta R.T. 0.01 min

Lab File: VU041707.D

Acq: 21 Dec 2020 17:53

Instrument :

MSVOA_U

ClientSampleId :

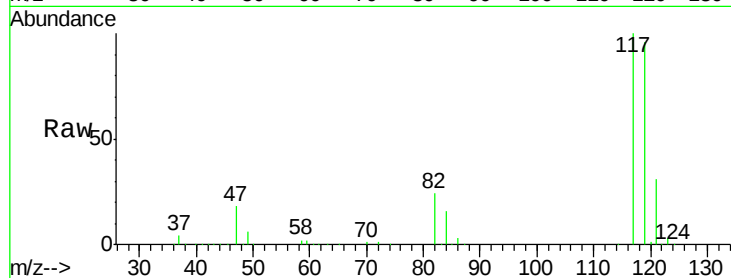
GB255MS

Tot Ion:117 Resp: 1776192

Ion Ratio Lower Upper

117 100

119 96.4 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.54

800000

600000

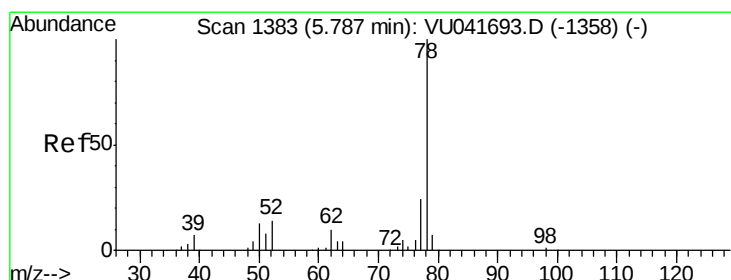
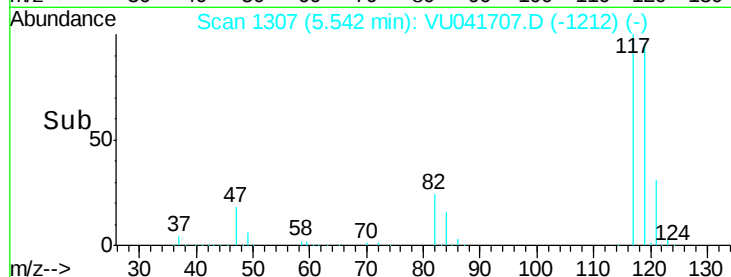
400000

200000

0

Time-->

5.40 5.50 5.60



#33

Benzene

Concen: 4.901 ug/L

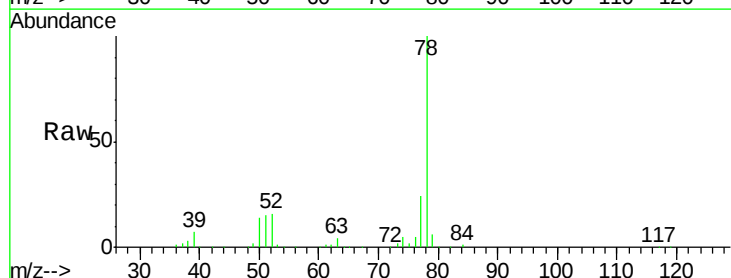
RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU041707.D

Acq: 21 Dec 2020 17:53

Tgt Ion: 78 Resp: 214516



Abundance Ion 78.10 (77.80 to 78.80): VU0

120000

100000

80000

60000

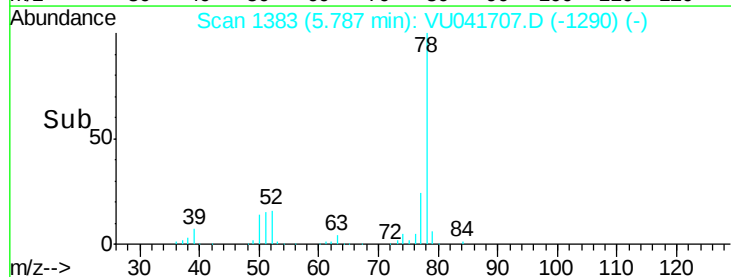
40000

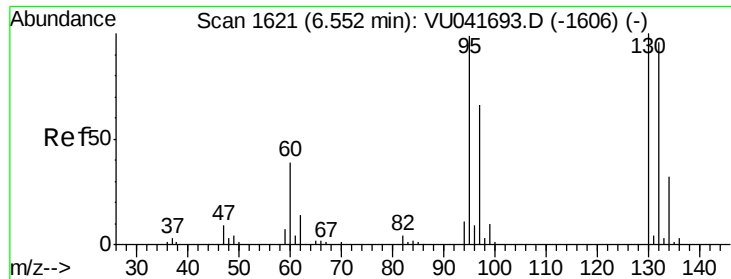
20000

0

Time-->

5.70 5.80 5.90

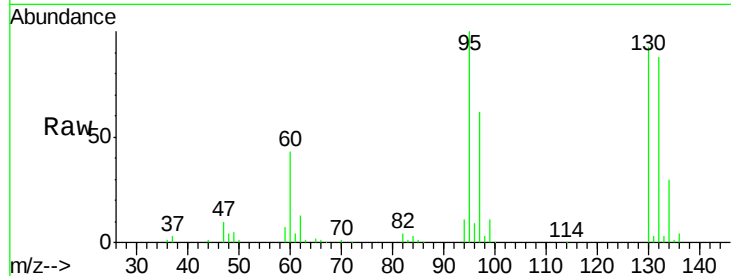




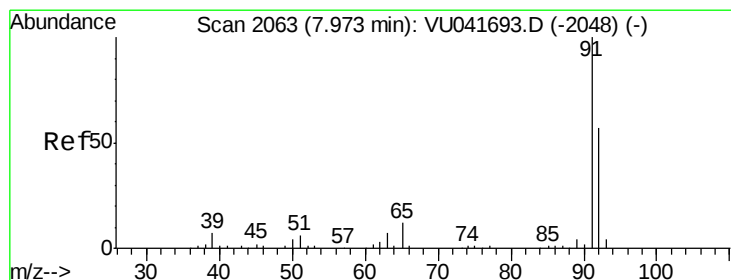
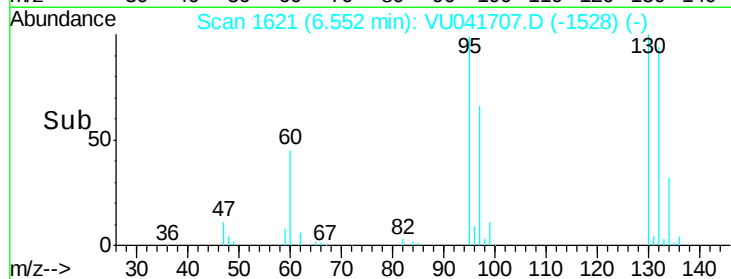
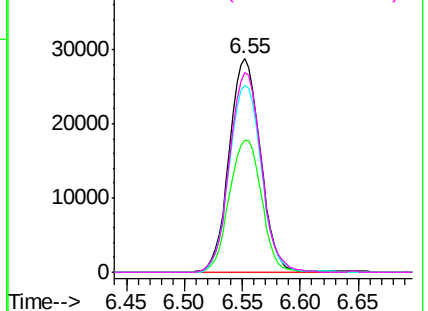
#34
 Trichloroethene
 Concen: 4.890 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041707.D
 Acq: 21 Dec 2020 17:53

Instrument :
 MSVOA_U
 ClientSampleId :
 GB255MS

Tot Ion: 95 Resp: 53788
 Ion Ratio Lower Upper
 95 100
 97 61.6 43.9 81.5
 132 87.5 63.1 117.3
 130 93.5 67.4 125.2

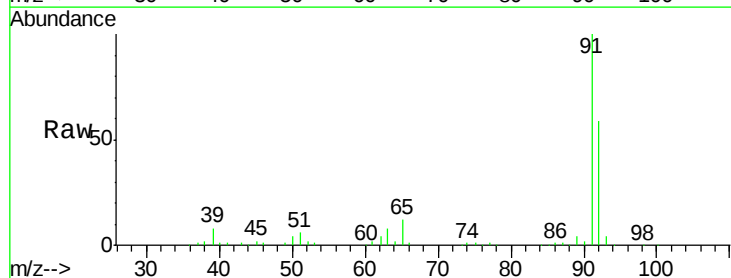


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

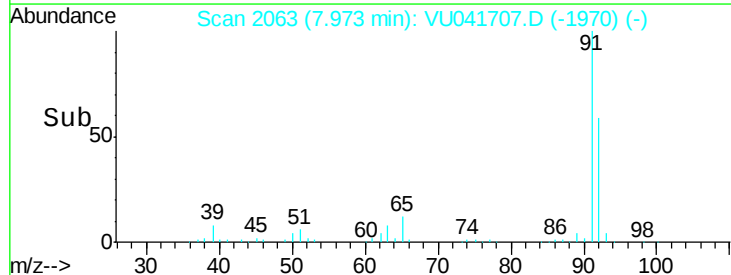
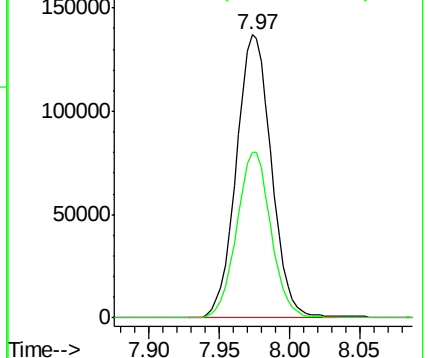


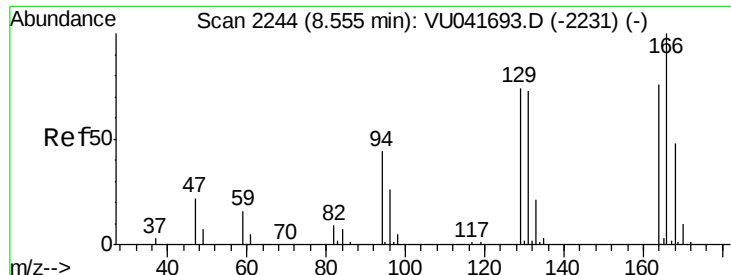
#42
 Toluene
 Concen: 5.289 ug/L
 RT: 7.97 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VU041707.D
 Acq: 21 Dec 2020 17:53

Tgt Ion: 91 Resp: 238989
 Ion Ratio Lower Upper
 91 100
 92 58.7 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0

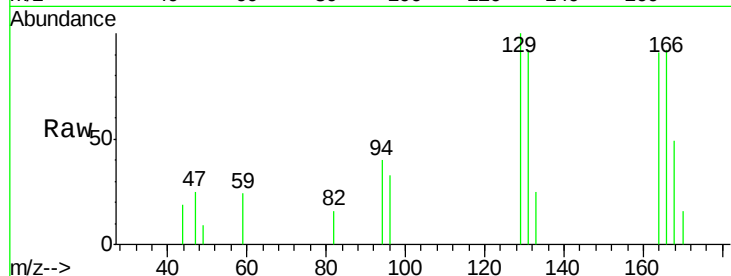




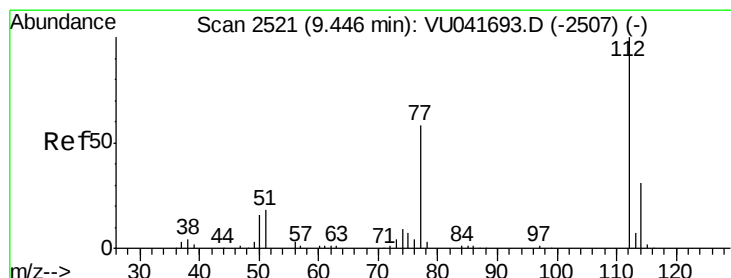
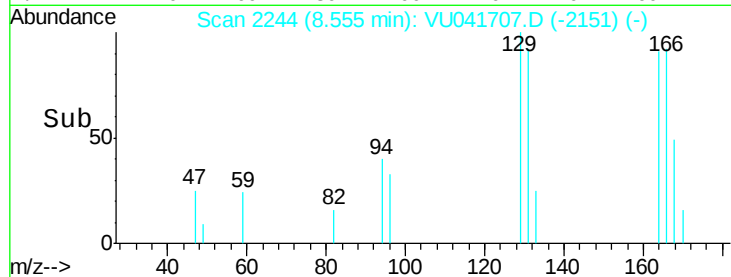
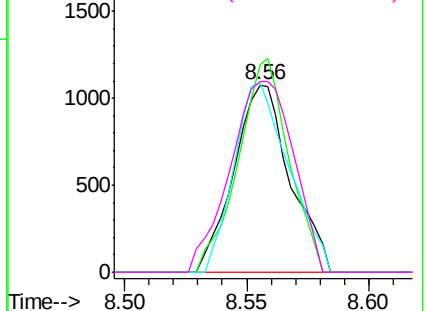
#47
Tetrachloroethene
Concen: 0.224 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU041707.D
Acq: 21 Dec 2020 17:53

Instrument :
MSVOA_U
ClientSampleId :
GB255MS

Tot Ion:164 Resp: 1721
Ion Ratio Lower Upper
164 100
129 110.3 72.2 134.0
131 101.0 66.9 124.3
166 101.9 89.6 166.4

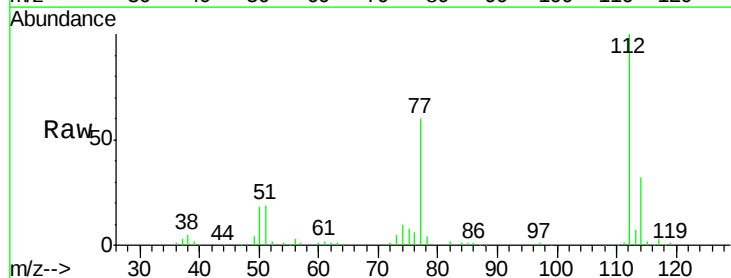


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#51
Chlorobenzene
Concen: 5.071 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU041707.D
Acq: 21 Dec 2020 17:53

Tgt Ion:112 Resp: 142438
Ion Ratio Lower Upper
112 100
114 31.9 22.7 42.3
77 60.2 49.1 73.7



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

