

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
 Data File : VU039603.D
 Acq On : 21 Jul 2020 17:42
 Operator : SY/MD
 Sample : L3348-10MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAXZ2MSD

Quant Time: Jul 22 03:07:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 02:01:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	106851	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	102053	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46553	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32169	6.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	129.80%
7) Chloroethane-d5	1.92	69	33871	6.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	125.20%
11) 1,1-Dichloroethene-d2	2.58	63	70444	6.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	126.40%#
20) 2-Butanone-d5	4.66	46	121568	54.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.68%
24) Chloroform-d	5.08	84	65206	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.72	65	43609	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.75	84	130781	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.70	67	42639	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.91	98	120382	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
43) trans-1,3-Dichloropropene-	8.19	79	16657	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.64	63	89163	51.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.88%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	36344	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	44628	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

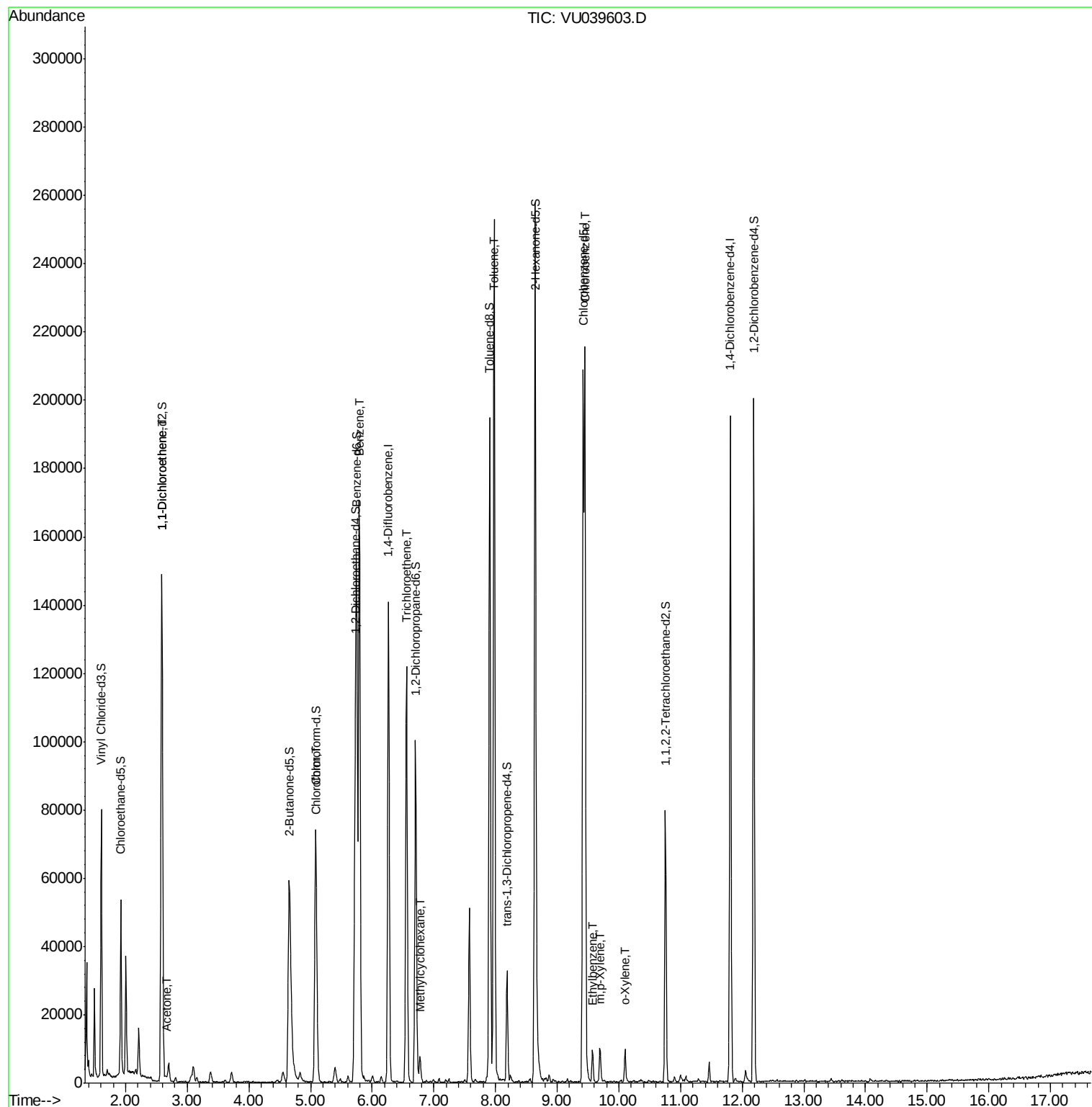
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.59	96	29760	5.889	ug/L	94
13) Acetone	2.67	43	2211	1.776	ug/L	94
25) Chloroform	5.10	83	4633	0.353	ug/L #	73
33) Benzene	5.79	78	152809	6.231	ug/L	100
34) Trichloroethene	6.56	95	40101	5.938	ug/L	95
35) Methylcyclohexane	6.78	83	2725	0.275	ug/L	89
42) Toluene	7.98	91	174067	6.484	ug/L	98
51) Chlorobenzene	9.45	112	100157	5.829	ug/L	98
52) Ethylbenzene	9.57	91	6960	0.228	ug/L	91
53) m,p-Xylene	9.70	106	2290	0.201	ug/L	86
54) o-Xylene	10.10	106	2272	0.204	ug/L	86

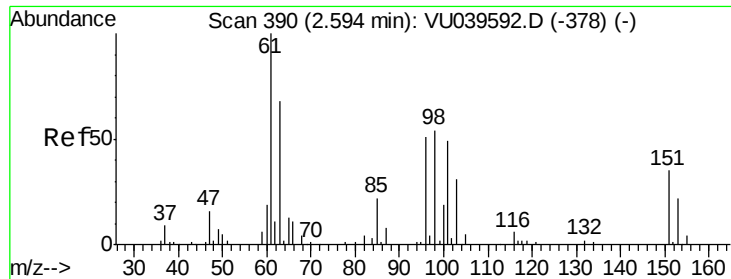
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 22 02:01:33 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.889 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU039603.D

Acq: 21 Jul 2020 17:42

Instrument :

MSVOA_U

ClientSampleId :

GAXZ2MSD

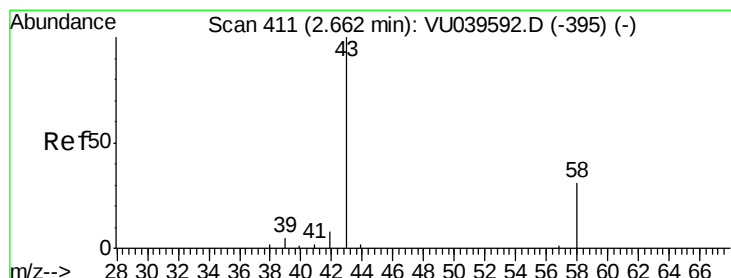
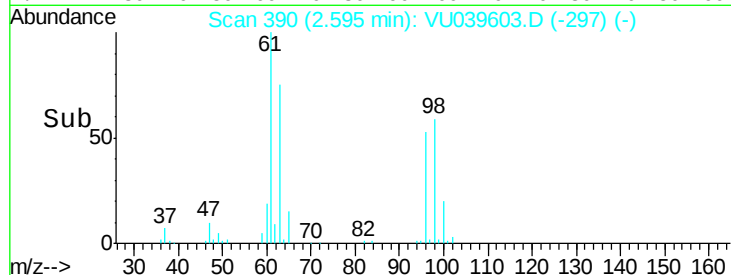
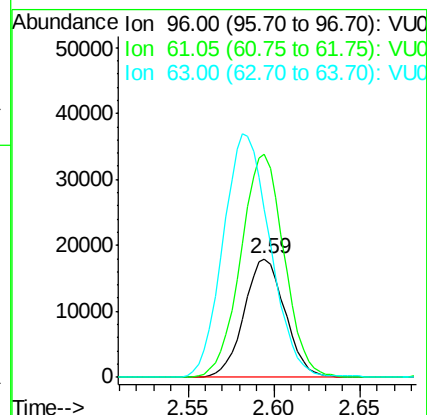
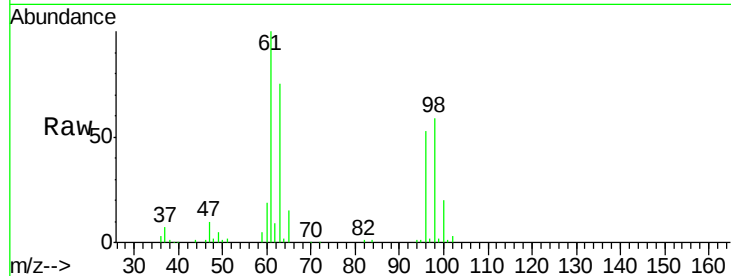
Tgt Ion: 96 Resp: 29760

Ion Ratio Lower Upper

96 100

61 188.0 129.1 239.7

63 141.6 89.7 166.7



#13

Acetone

Concen: 1.776 ug/L

RT: 2.67 min Scan# 412

Delta R.T. 0.00 min

Lab File: VU039603.D

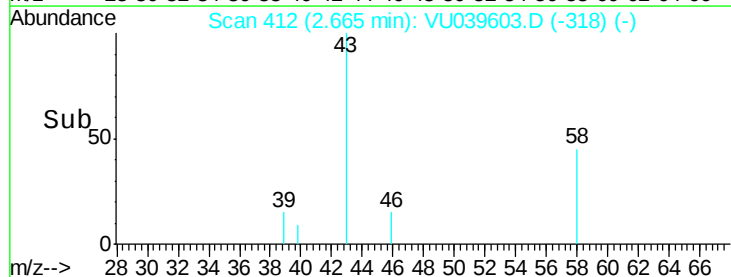
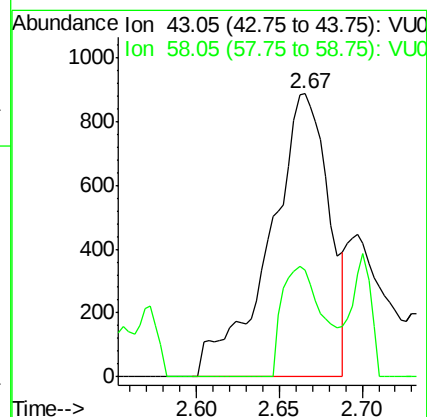
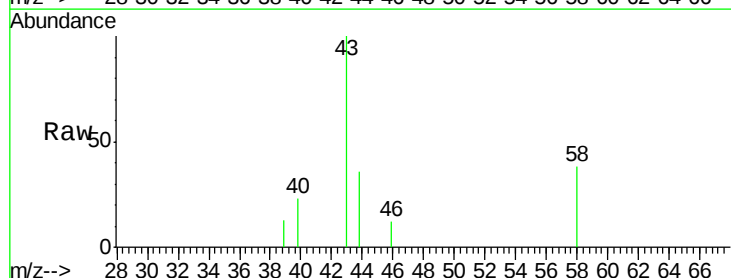
Acq: 21 Jul 2020 17:42

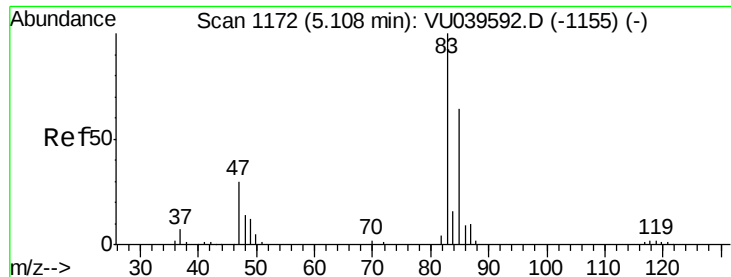
Tgt Ion: 43 Resp: 2211

Ion Ratio Lower Upper

43 100

58 26.4 0.0 59.0

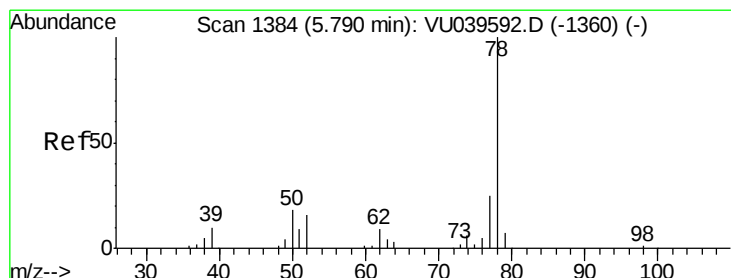
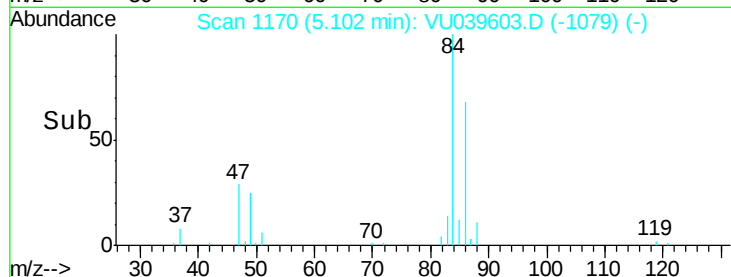
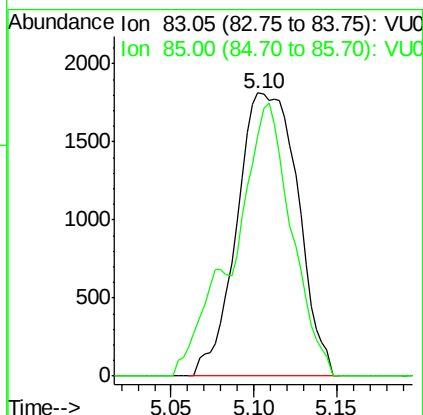
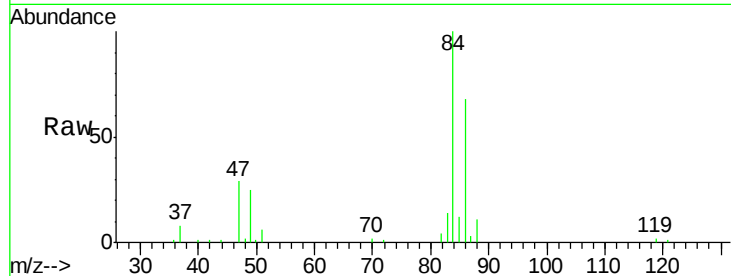




#25
Chloroform
Concen: 0.353 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.01 min
Lab File: VU039603.D
Acq: 21 Jul 2020 17:42

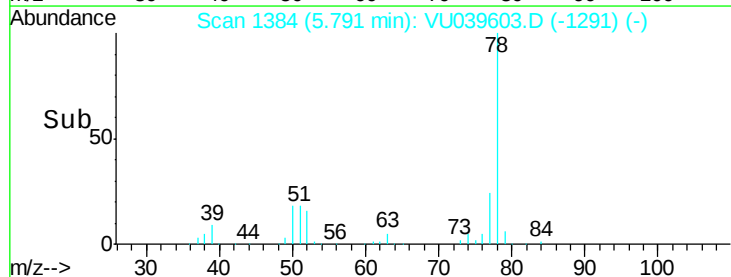
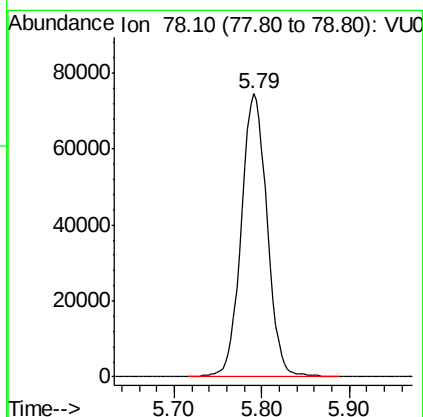
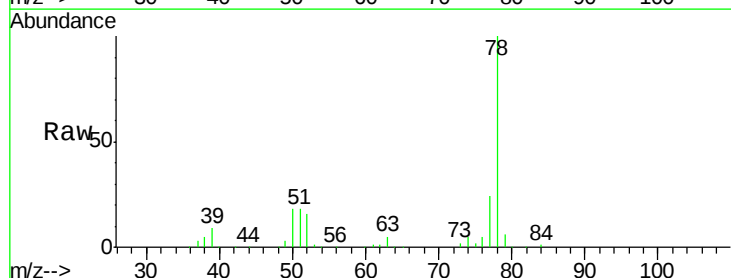
Instrument :
MSVOA_U
ClientSampleId :
GAXZ2MSD

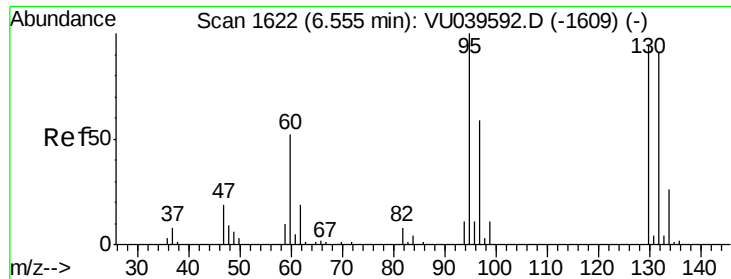
Tgt Ion: 83 Resp: 4633
Ion Ratio Lower Upper
83 100
85 84.8 44.4 82.5#



#33
Benzene
Concen: 6.231 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU039603.D
Acq: 21 Jul 2020 17:42

Tgt Ion: 78 Resp: 152809

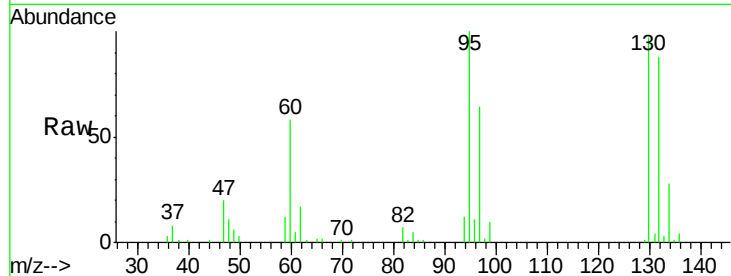




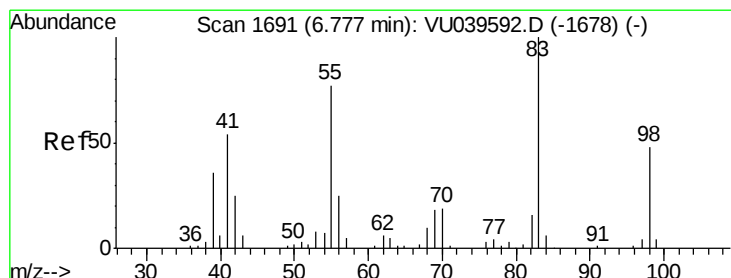
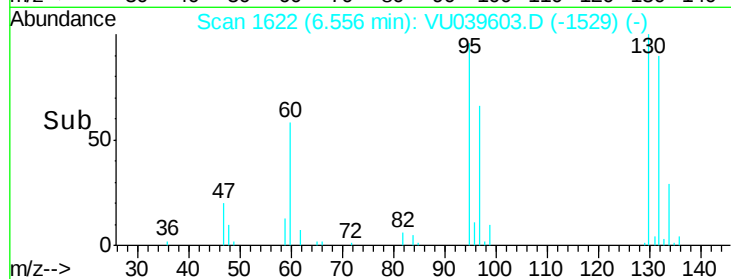
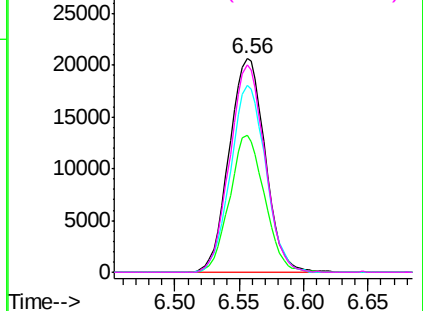
#34
 Trichloroethene
 Concen: 5.938 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU039603.D
 Acq: 21 Jul 2020 17:42

Instrument :
 MSVOA_U
 ClientSampleId :
 GAXZ2MSD

Tgt Ion:	95	Resp:	40101
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.9	83.3
132	87.5	62.8	116.6
130	97.3	61.5	114.1

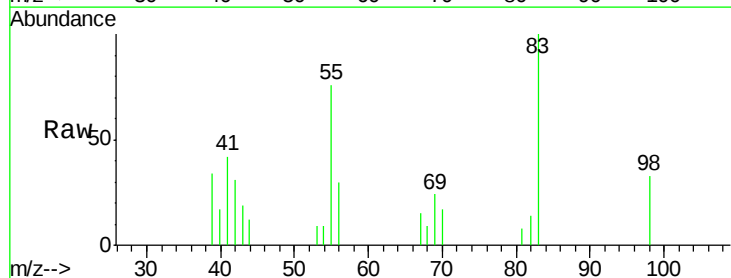


Abundance Ion 95.00 (94.70 to 95.70): VU039592.D (-1609) (-)
 Ion 96.95 (96.65 to 97.65): VU039592.D (-1609) (-)
 Ion 131.95 (131.65 to 132.65): VU039592.D (-1609) (-)
 Ion 129.95 (129.65 to 130.65): VU039592.D (-1609) (-)

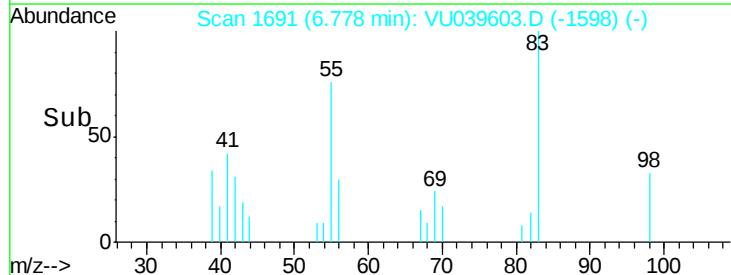
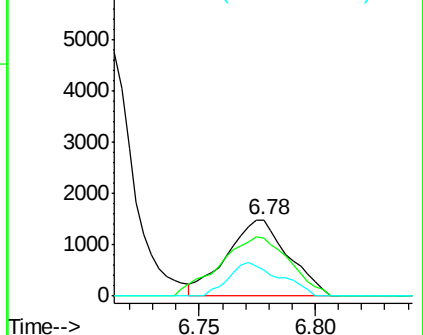


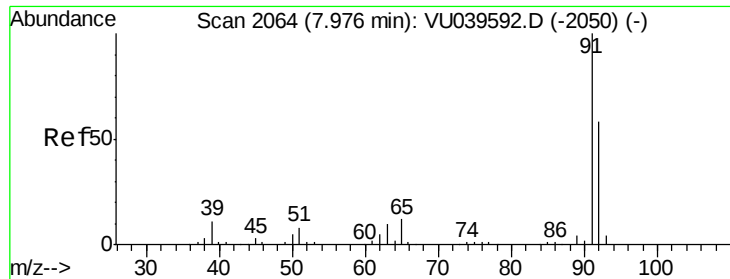
#35
 Methylcyclohexane
 Concen: 0.275 ug/L
 RT: 6.78 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: VU039603.D
 Acq: 21 Jul 2020 17:42

Tgt Ion:	83	Resp:	2725
Ion	Ratio	Lower	Upper
83	100		
55	87.9	63.0	94.6
98	36.8	35.3	52.9



Abundance Ion 83.15 (82.85 to 83.85): VU039592.D (-1678) (-)
 Ion 55.10 (54.80 to 55.80): VU039592.D (-1678) (-)
 Ion 98.15 (97.85 to 98.85): VU039592.D (-1678) (-)





#42

Toluene

Concen: 6.484 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU039603.D

Acq: 21 Jul 2020 17:42

Instrument :

MSVOA_U

ClientSampleId :

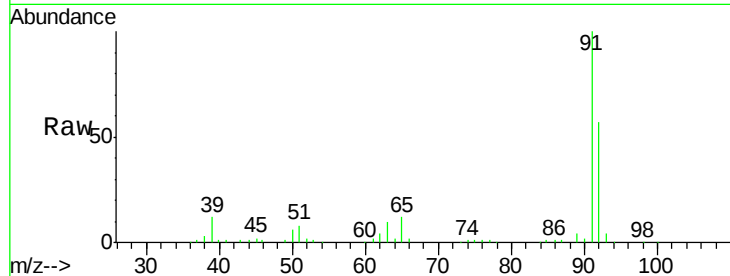
GAXZ2MSD

Tgt Ion: 91 Resp: 174067

Ion Ratio Lower Upper

91 100

92 56.7 38.6 71.6



Abundance Ion 91.15 (90.85 to 91.85): VU039592.D (-2050) (-)

Ion 92.15 (91.85 to 92.85): VU039592.D (-2050) (-)

7.98

100000

80000

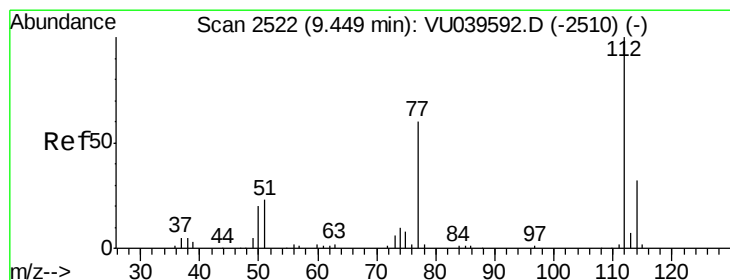
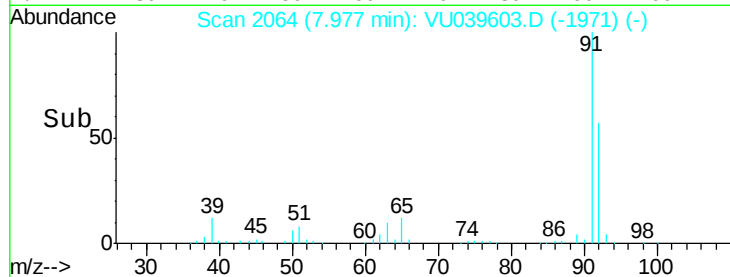
60000

40000

20000

0

Time-->



#51

Chlorobenzene

Concen: 5.829 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU039603.D

Acq: 21 Jul 2020 17:42

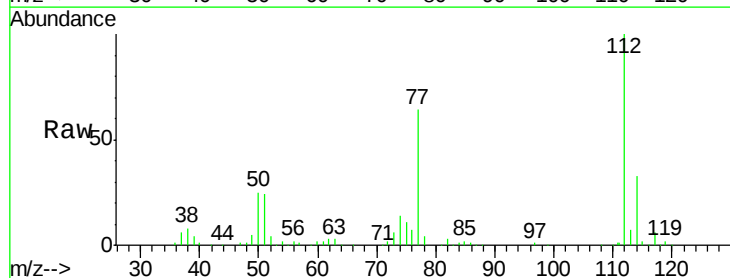
Tgt Ion: 112 Resp: 100157

Ion Ratio Lower Upper

112 100

114 33.3 22.9 42.5

77 63.9 50.0 75.0



Abundance Ion 112.10 (111.80 to 112.80): VU039592.D (-2510) (-)

Ion 114.05 (113.75 to 114.75): VU039592.D (-2510) (-)

Ion 77.10 (76.80 to 77.80): VU039592.D (-2510) (-)

9.45

80000

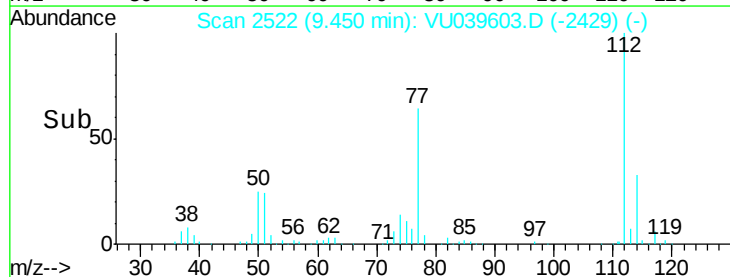
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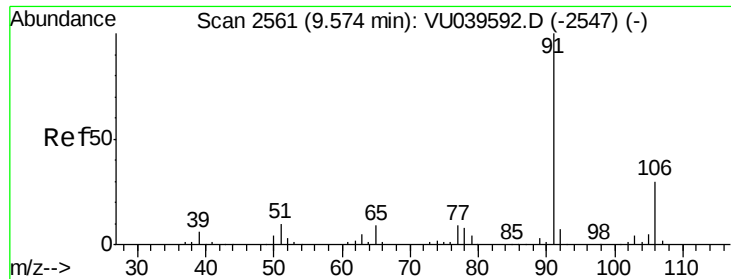
40000

20000

0

Time-->





#52

Ethylbenzene

Concen: 0.228 ug/L

RT: 9.57 min Scan# 2561

Delta R.T. 0.00 min

Lab File: VU039603.D

Acq: 21 Jul 2020 17:42

Instrument :

MSVOA_U

ClientSampleId :

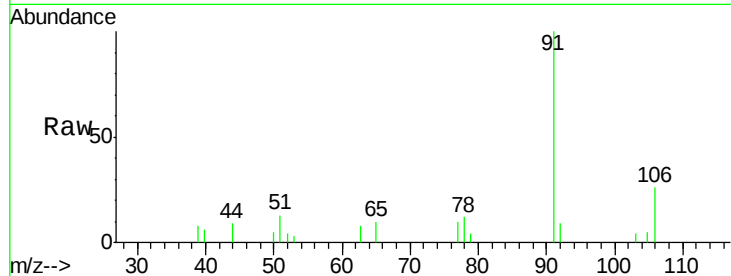
GAXZ2MSD

Tgt Ion: 91 Resp: 6960

Ion Ratio Lower Upper

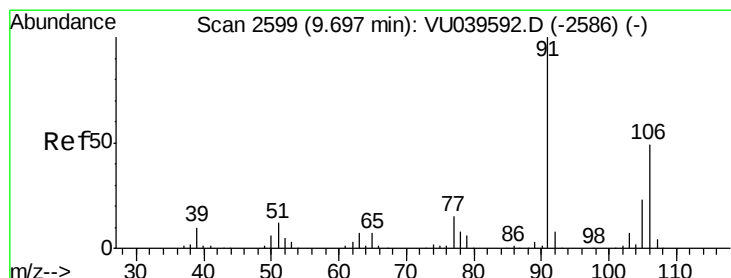
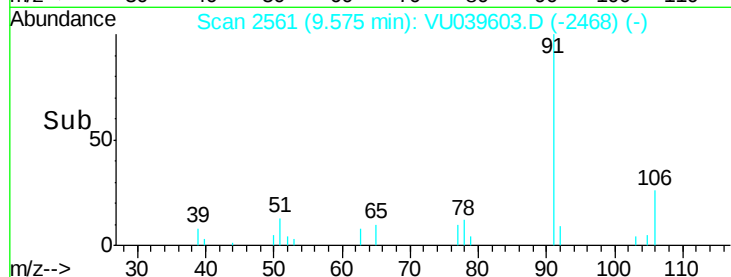
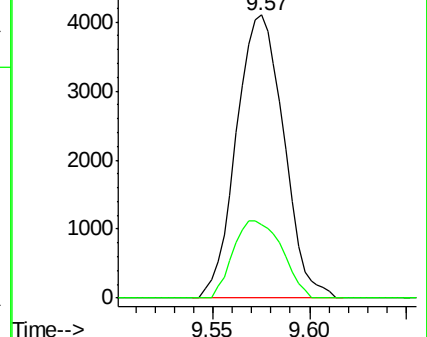
91 100

106 25.8 21.3 39.6



Abundance Ion 91.15 (90.85 to 91.85): VU039592.D (-2547) (-)

Ion 106.15 (105.85 to 106.85): VU039592.D (-2547) (-)



#53

m,p-Xylene

Concen: 0.201 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU039603.D

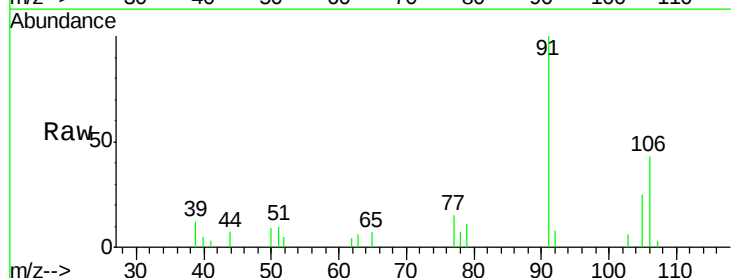
Acq: 21 Jul 2020 17:42

Tgt Ion: 106 Resp: 2290

Ion Ratio Lower Upper

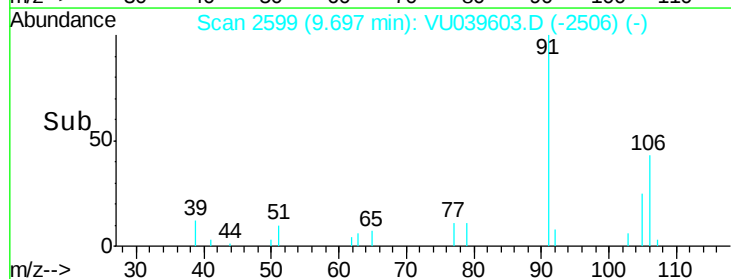
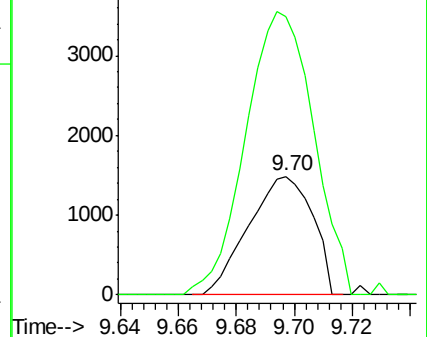
106 100

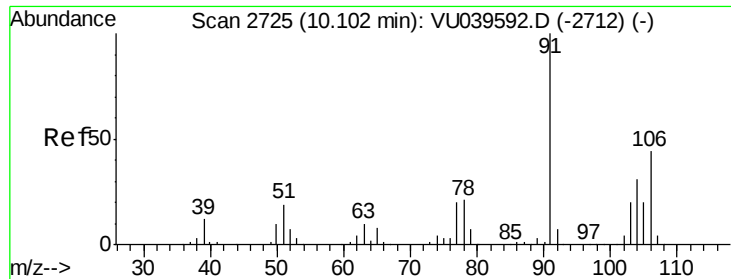
91 234.8 149.3 277.3



Abundance Ion 106.15 (105.85 to 106.85): VU039592.D (-2586) (-)

Ion 91.15 (90.85 to 91.85): VU039592.D (-2586) (-)





#54
 o-Xylene
 Concen: 0.204 ug/L
 RT: 10.10 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VU039603.D
 Acq: 21 Jul 2020 17:42

Instrument :
 MSVOA_U
 ClientSampleId :
 GAXZ2MSD

Tgt Ion:106 Resp: 2272
 Ion Ratio Lower Upper
 106 100
 91 247.7 157.4 292.4

