

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031522\
 Data File : VU047578.D
 Acq On : 15 Mar 2022 15:32
 Operator : SY/MD
 Sample : N1858-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNG6

Quant Time: Mar 16 06:47:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 06:43:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

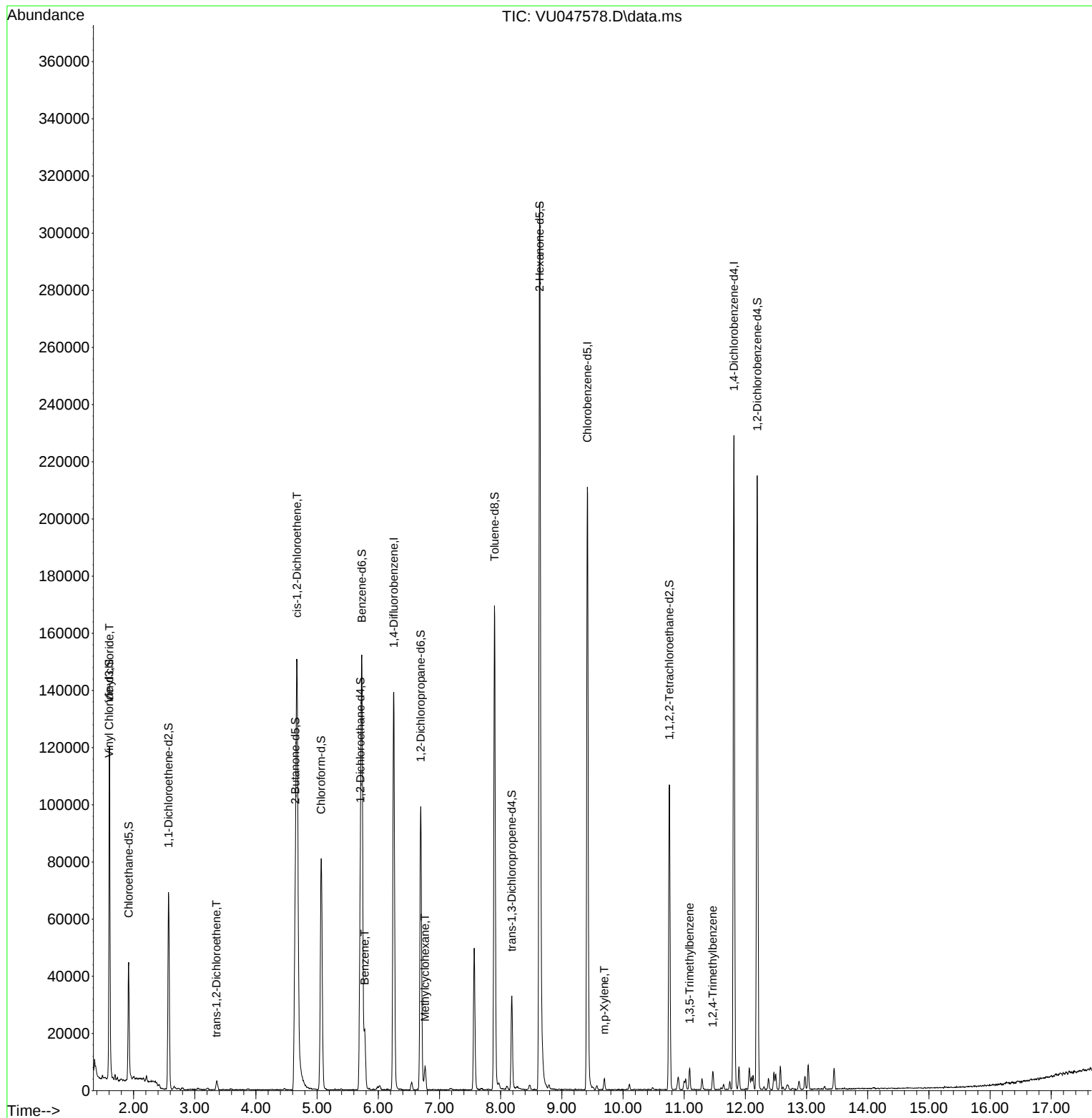
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	122523	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	126333	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	63382	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29220	3.647	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.919	69	31585	4.343	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.572	65	12410	3.303	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	4.645	46	137342	59.570	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.140%
24) Chloroform-d	5.067	84	77512	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.707	65	45893	4.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.732	84	142072	3.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	6.694	67	47772	4.131	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.899	98	117883	3.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
43) trans-1,3-Dichloroprop...	8.182	79	18970	3.902	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.639	63	119896	47.570	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.140%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	51418	4.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	57925	4.374	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
5) Vinyl chloride	1.607	62	58235	7.638	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	1542	0.235	ug/L	86
22) cis-1,2-Dichloroethene	4.671	96	63474	8.719	ug/L	99
33) Benzene	5.777	78	19755	0.692	ug/L	100
35) Methylcyclohexane	6.764	83	3036	0.279	ug/L	90
53) m,p-Xylene	9.694	106	1220	0.096	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	4536	0.248	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	4373	0.184	ug/L	91

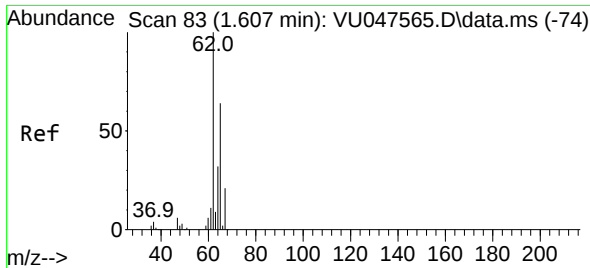
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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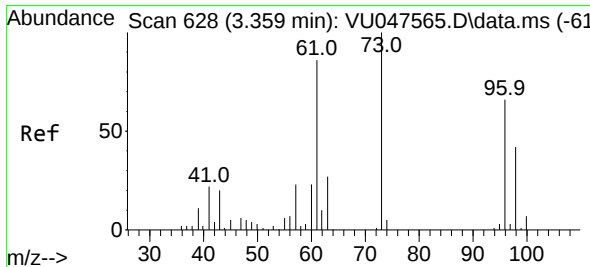
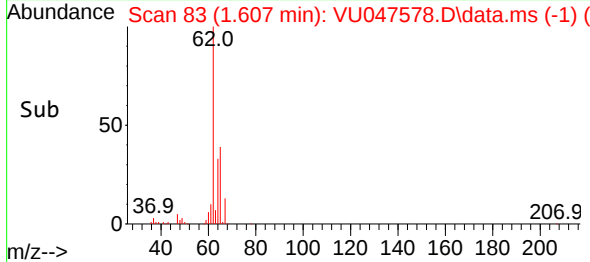
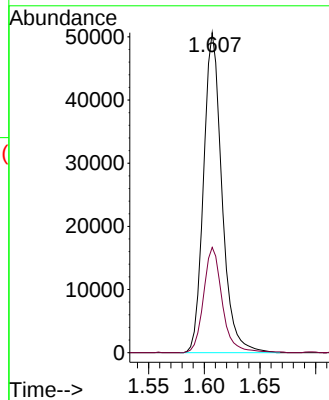
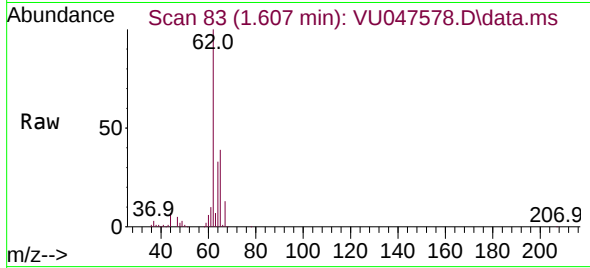




#5
 Vinyl chloride
 Concen: 7.638 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047578.D
 Acq: 15 Mar 2022 15:32

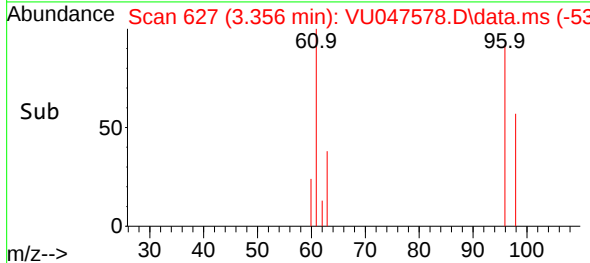
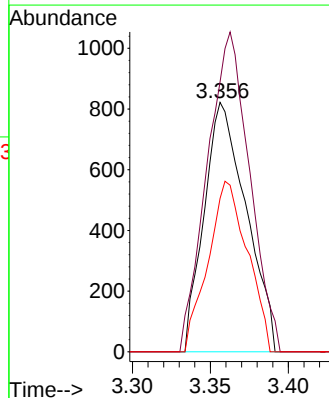
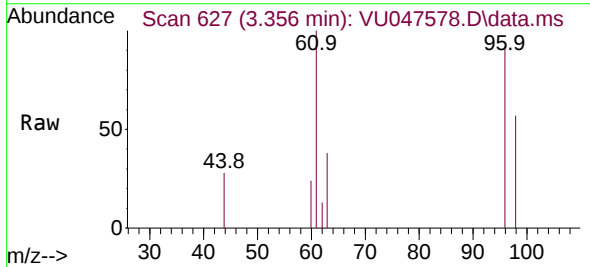
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNG6

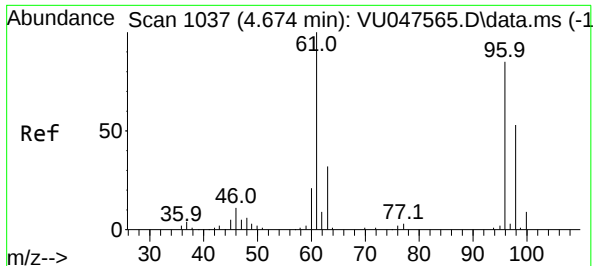
Tgt Ion: 62 Resp: 58235
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.5 43.7



#18
 trans-1,2-Dichloroethene
 Concen: 0.235 ug/L
 RT: 3.356 min Scan# 627
 Delta R.T. -0.003 min
 Lab File: VU047578.D
 Acq: 15 Mar 2022 15:32

Tgt Ion: 96 Resp: 1542
 Ion Ratio Lower Upper
 96 100
 61 108.2 91.7 170.3
 98 61.4 45.1 83.7





#22

cis-1,2-Dichloroethene

Concen: 8.719 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU047578.D

Acq: 15 Mar 2022 15:32

Instrument :

MSVOA_U

ClientSampleId :

ETNG6

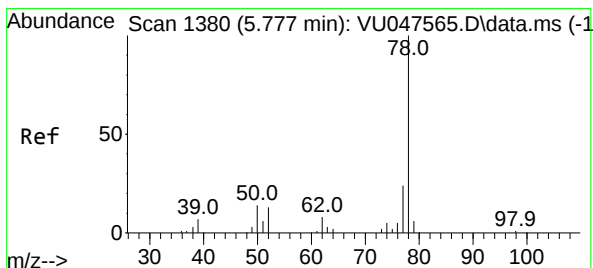
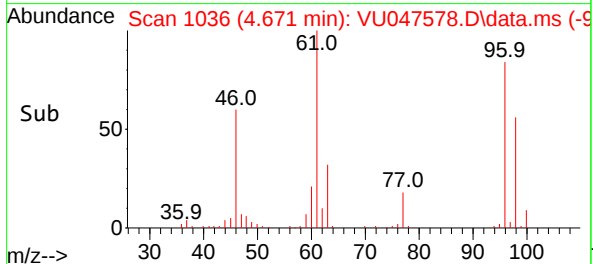
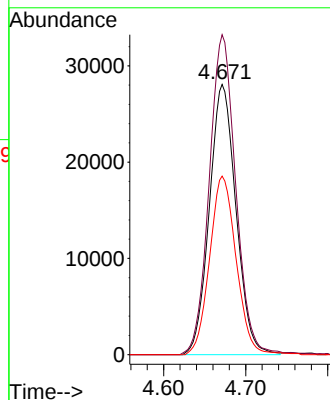
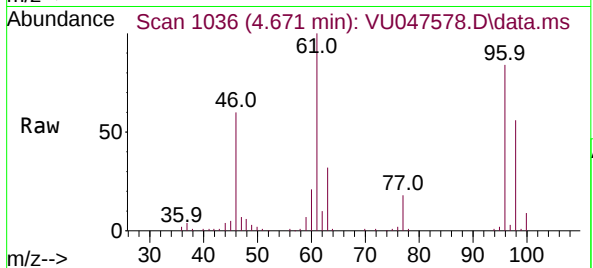
Tgt Ion: 96 Resp: 63474

Ion Ratio Lower Upper

96 100

61 118.4 83.9 155.7

98 66.1 46.4 86.2



#33

Benzene

Concen: 0.692 ug/L

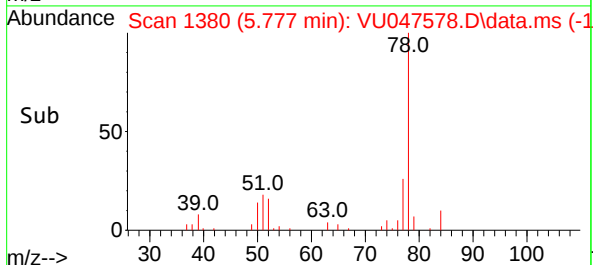
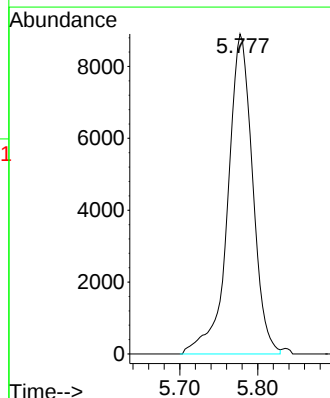
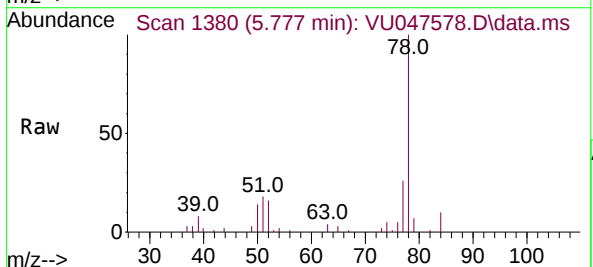
RT: 5.777 min Scan# 1380

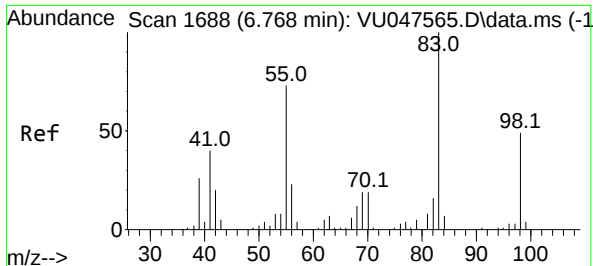
Delta R.T. 0.000 min

Lab File: VU047578.D

Acq: 15 Mar 2022 15:32

Tgt Ion: 78 Resp: 19755





#35

Methylcyclohexane

Concen: 0.279 ug/L

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047578.D

Acq: 15 Mar 2022 15:32

Instrument :

MSVOA_U

ClientSampleId :

ETNG6

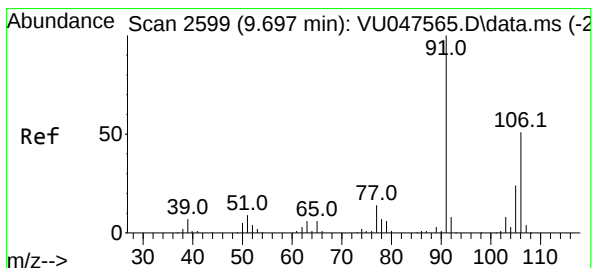
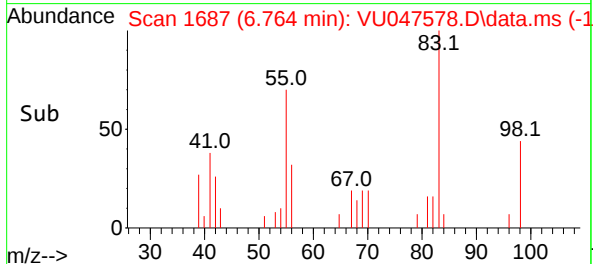
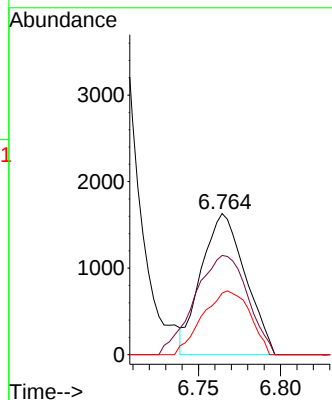
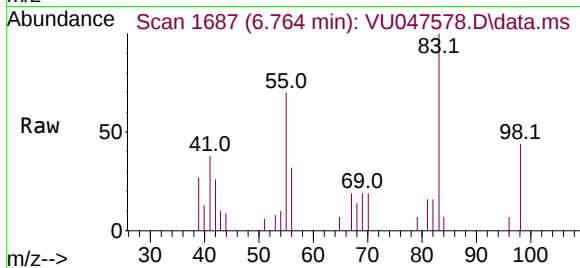
Tgt Ion: 83 Resp: 3036

Ion Ratio Lower Upper

83 100

55 84.3 57.3 85.9

98 48.6 37.5 56.3



#53

m,p-Xylene

Concen: 0.096 ug/L

RT: 9.694 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU047578.D

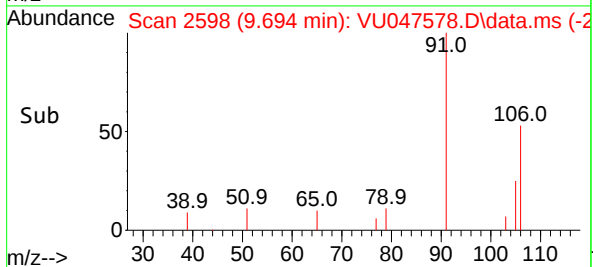
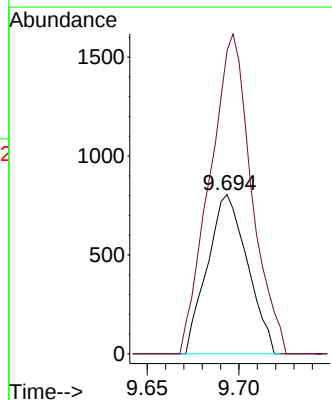
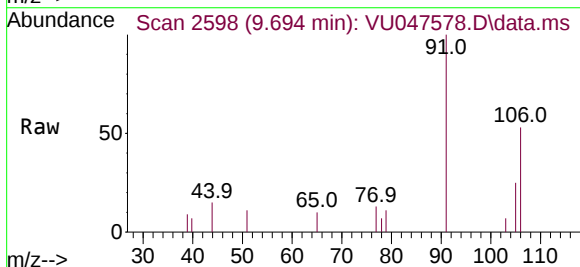
Acq: 15 Mar 2022 15:32

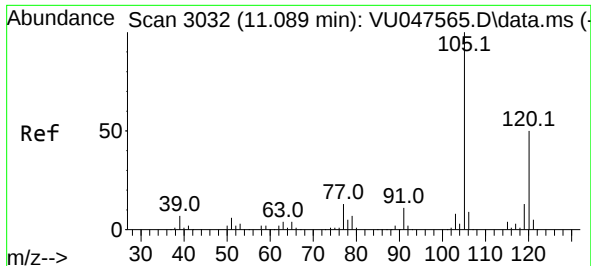
Tgt Ion: 106 Resp: 1220

Ion Ratio Lower Upper

106 100

91 190.4 136.6 253.8





#62

1,3,5-Trimethylbenzene

Concen: 0.248 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU047578.D

Acq: 15 Mar 2022 15:32

Instrument :

MSVOA_U

ClientSampleId :

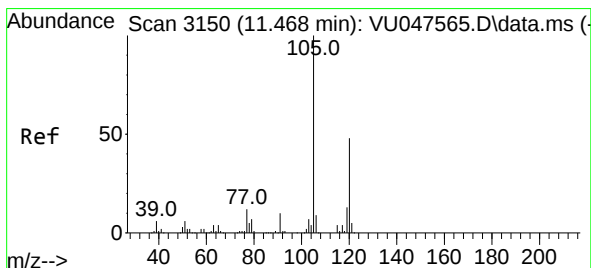
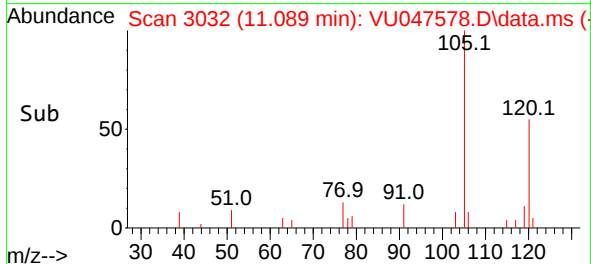
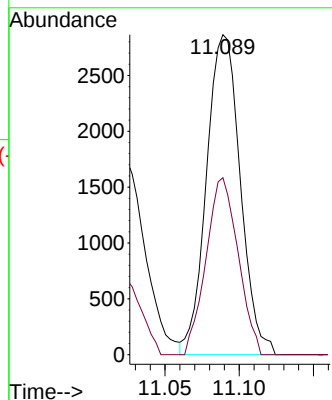
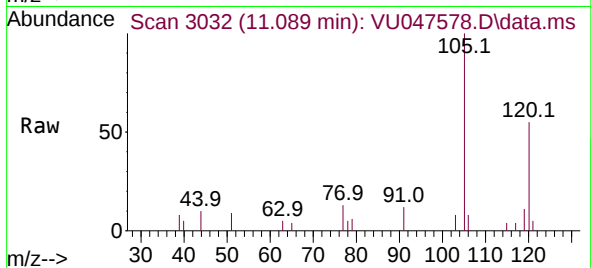
ETNG6

Tgt Ion:105 Resp: 4536

Ion Ratio Lower Upper

105 100

120 52.3 40.2 60.4



#63

1,2,4-Trimethylbenzene

Concen: 0.184 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU047578.D

Acq: 15 Mar 2022 15:32

Tgt Ion:105 Resp: 4373

Ion Ratio Lower Upper

105 100

120 41.8 38.2 57.4

