

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050115.D
 Acq On : 05 Aug 2022 23:40
 Operator : SY/MD
 Sample : N4022-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D98

Quant Time: Aug 06 06:05:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 06 06:03:36 2022
 Response via : Initial Calibration

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

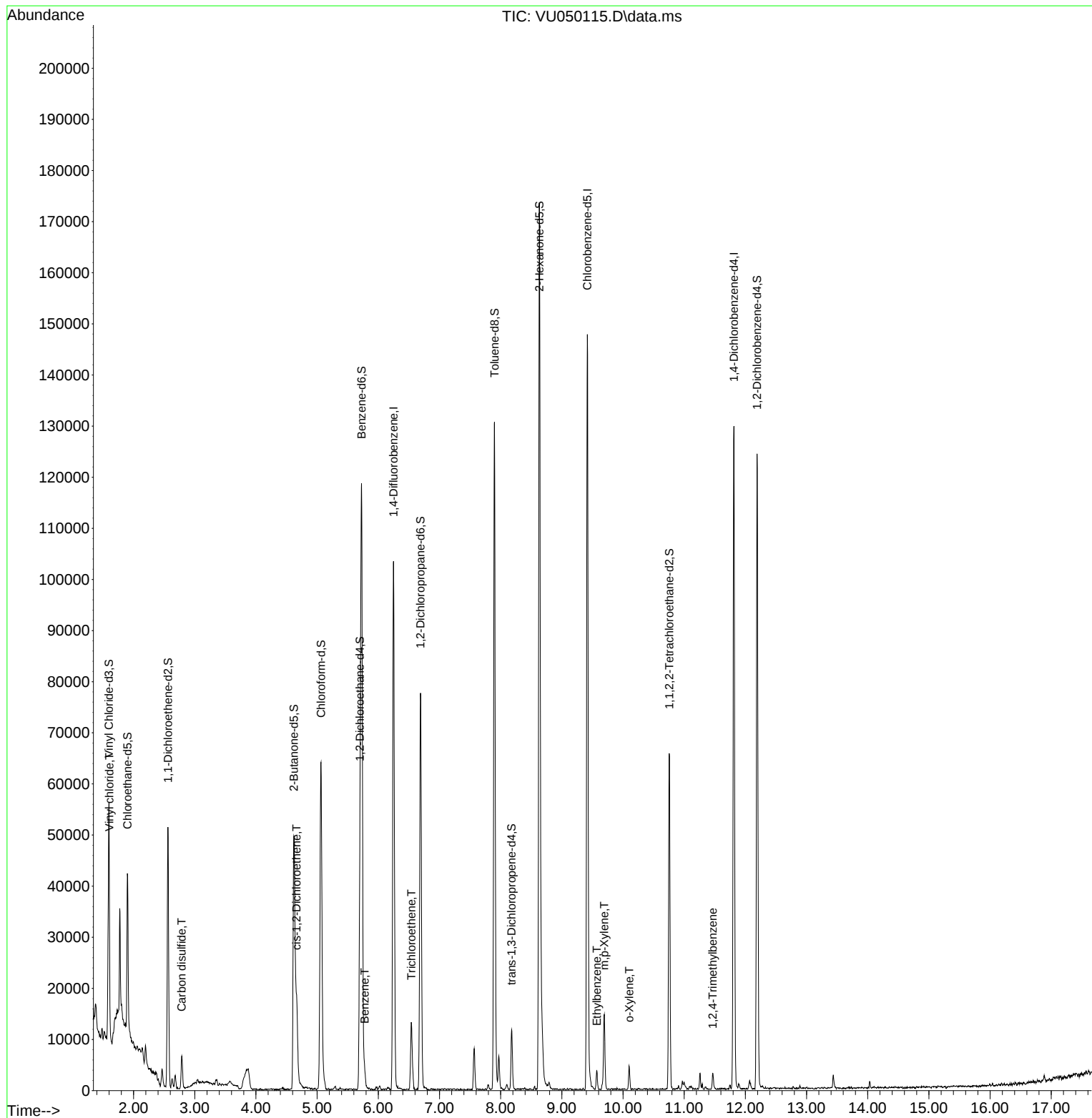
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85016	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	84899	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35697	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	26452	3.739	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.800%	
7) Chloroethane-d5	1.900	69	23673	4.147	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.000%	
11) 1,1-Dichloroethene-d2	2.562	65	9062	3.277	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.600%	
20) 2-Butanone-d5	4.620	46	73618	42.669	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.340%	
24) Chloroform-d	5.063	84	57953	4.404	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
26) 1,2-Dichloroethane-d4	5.700	65	30735	4.549	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
32) Benzene-d6	5.726	84	113166	4.271	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.400%	
36) 1,2-Dichloropropane-d6	6.690	67	39710	4.552	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.000%	
41) Toluene-d8	7.899	98	90897	3.885	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.600%	
43) trans-1,3-Dichloroprop...	8.179	79	7475	2.391	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	47.800%#	
46) 2-Hexanone-d5	8.632	63	55227	49.813	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.620%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	34144	4.457	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	33641	4.810	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	6015	0.659	ug/L	# 20
14) Carbon disulfide	2.787	76	8988	0.428	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	7134	0.977	ug/L	98
33) Benzene	5.777	78	4052	0.136	ug/L	100
34) Trichloroethene	6.542	95	4096	0.569	ug/L	96
52) Ethylbenzene	9.571	91	3185	0.109	ug/L	84
53) m,p-Xylene	9.693	106	4490	0.419	ug/L	97
54) o-Xylene	10.102	106	1303	0.122	ug/L	83
63) 1,2,4-Trimethylbenzene	11.468	105	2559	0.139	ug/L	87

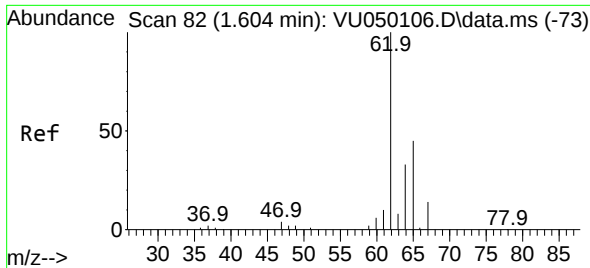
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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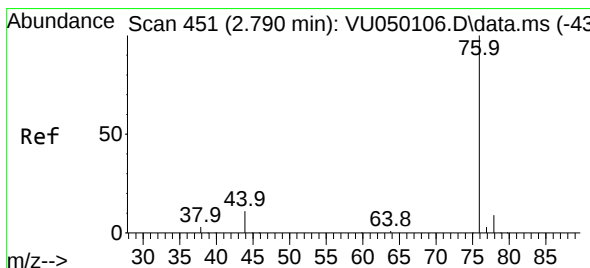
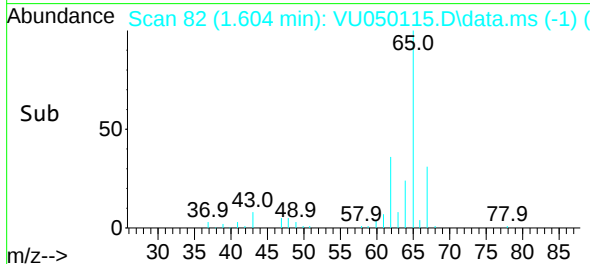
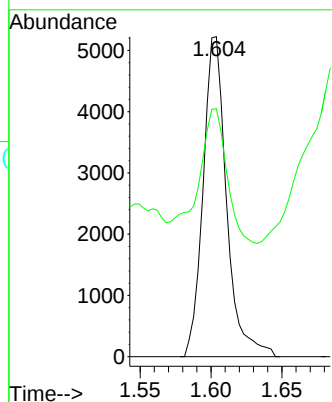
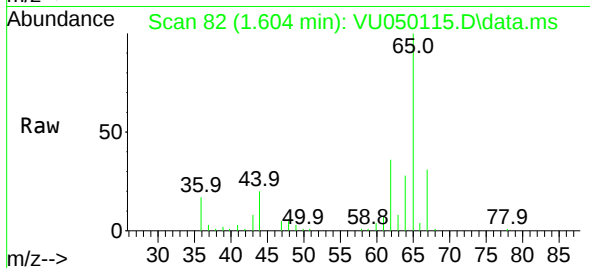




#5
 Vinyl chloride
 Concen: 0.659 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050115.D
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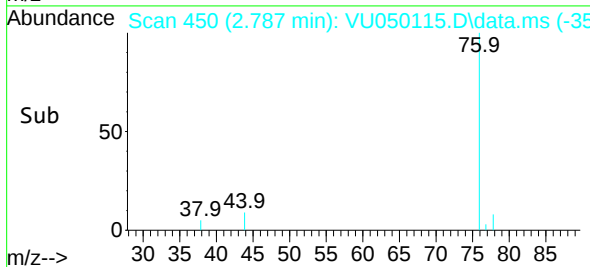
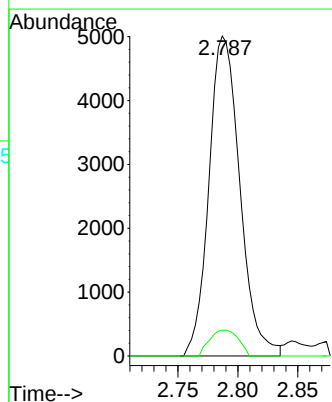
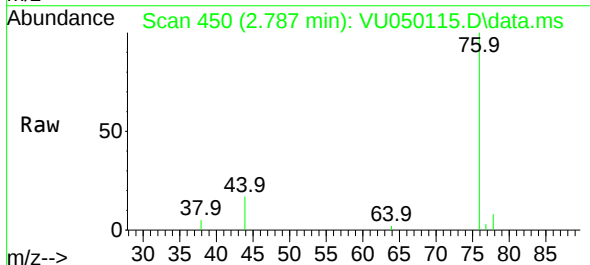
Instrument :
 MSVOA_U
 ClientSampleId :
 F5D98

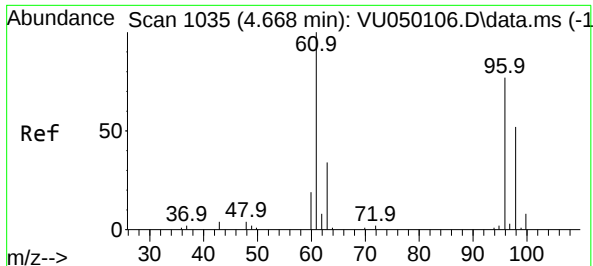
Tgt Ion: 62 Resp: 6015
 Ion Ratio Lower Upper
 62 100
 64 77.5 22.8 42.4#



#14
 Carbon disulfide
 Concen: 0.428 ug/L
 RT: 2.787 min Scan# 450
 Delta R.T. -0.003 min
 Lab File: VU050115.D
 Acq: 05 Aug 2022 23:40

Tgt Ion: 76 Resp: 8988
 Ion Ratio Lower Upper
 76 100
 78 8.1 7.4 11.0





#22

cis-1,2-Dichloroethene

Concen: 0.977 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050115.D

Acq: 05 Aug 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

F5D98

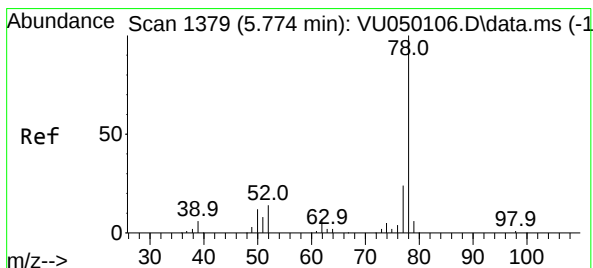
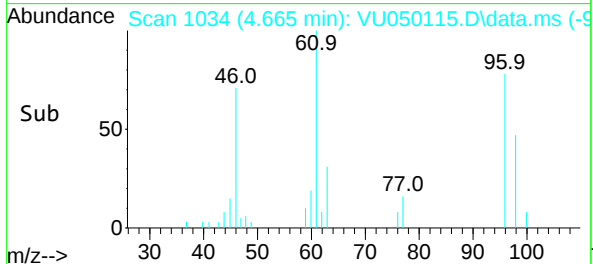
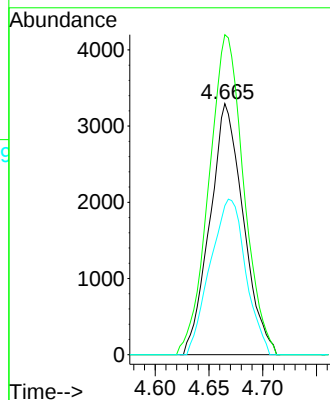
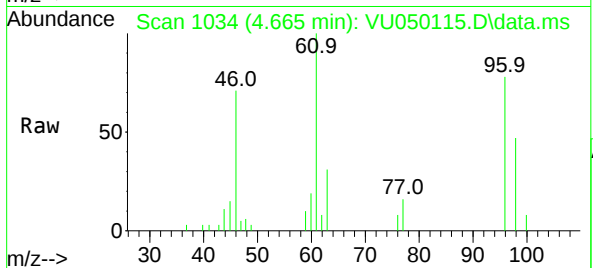
Tgt Ion: 96 Resp: 7134

Ion Ratio Lower Upper

96 100

61 127.5 89.0 165.4

98 59.4 45.2 84.0



#33

Benzene

Concen: 0.136 ug/L

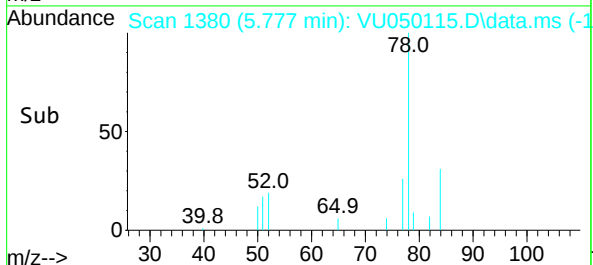
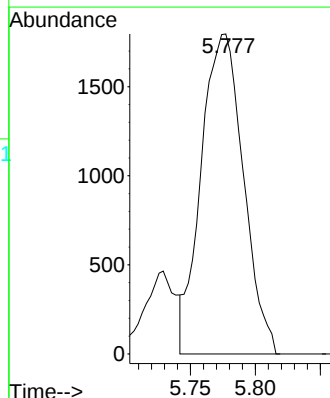
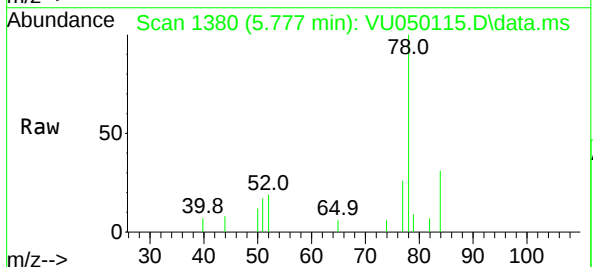
RT: 5.777 min Scan# 1380

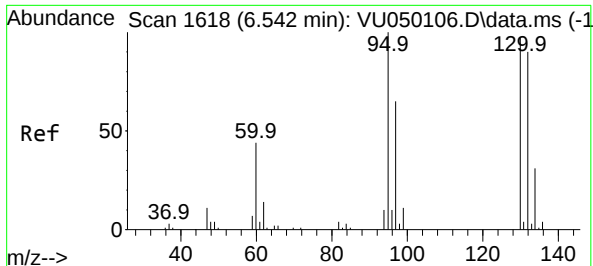
Delta R.T. 0.003 min

Lab File: VU050115.D

Acq: 05 Aug 2022 23:40

Tgt Ion: 78 Resp: 4052

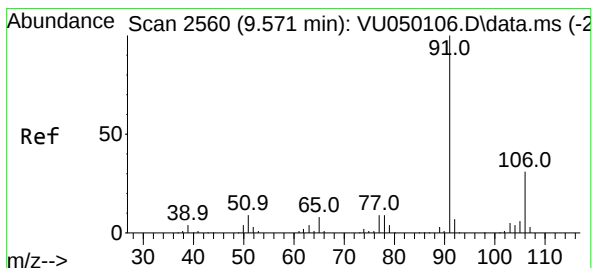
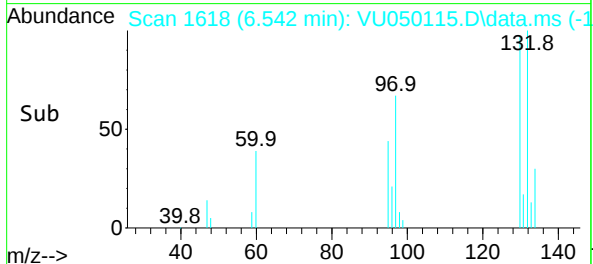
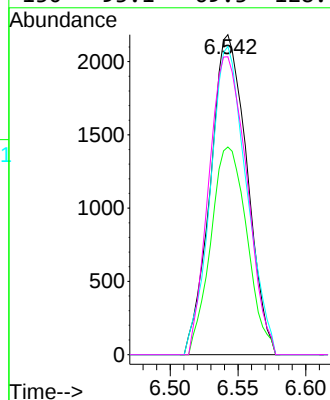
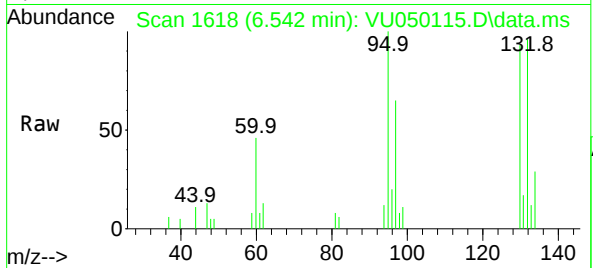




#34
Trichloroethene
Concen: 0.569 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU050115.D
Acq: 05 Aug 2022 23:40

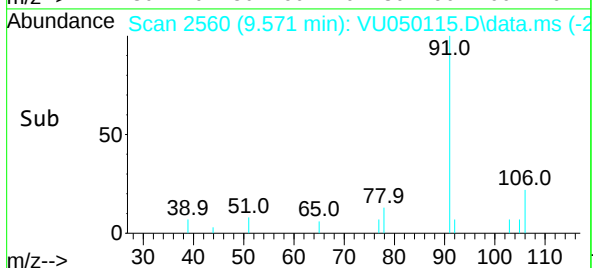
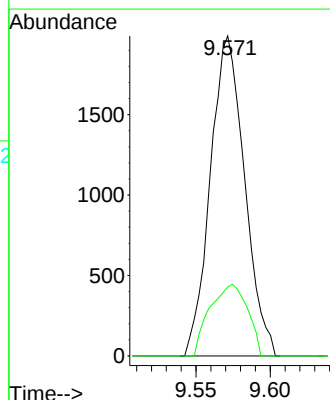
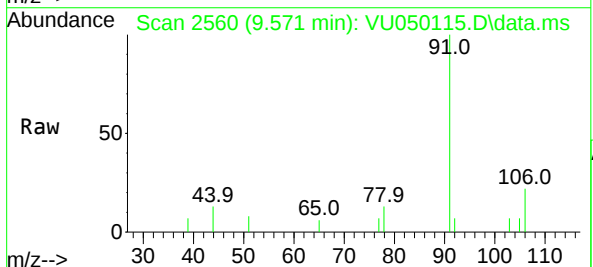
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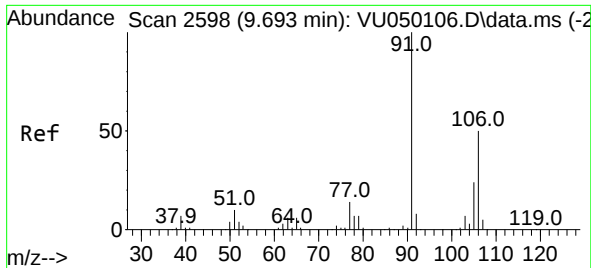
Tgt Ion: 95 Resp: 4096
Ion Ratio Lower Upper
95 100
97 64.9 45.6 84.8
132 96.3 65.0 120.6
130 93.1 69.3 128.7



#52
Ethylbenzene
Concen: 0.109 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050115.D
Acq: 05 Aug 2022 23:40

Tgt Ion: 91 Resp: 3185
Ion Ratio Lower Upper
91 100
106 21.5 21.3 39.5

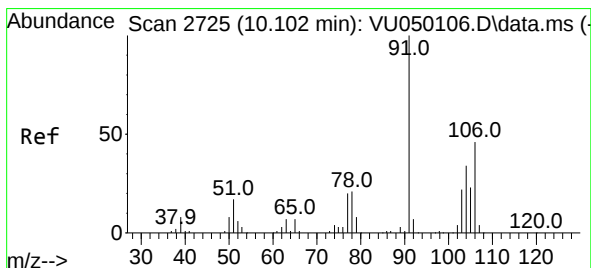
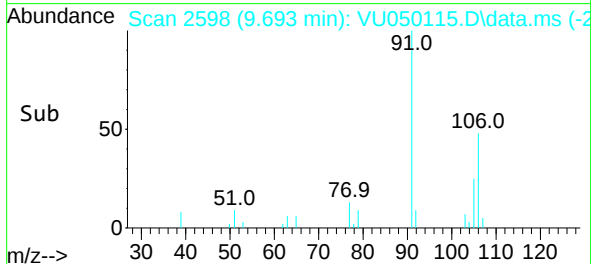
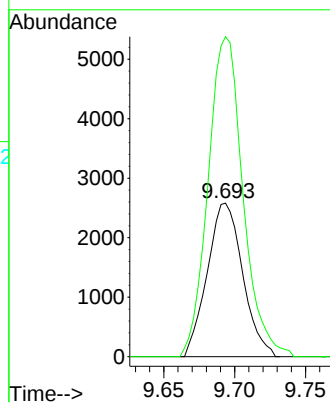
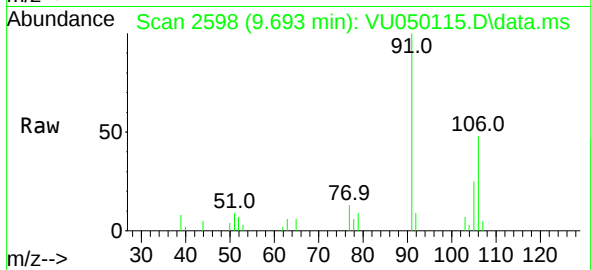




#53
m,p-Xylene
Concen: 0.419 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050115.D
Acq: 05 Aug 2022 23:40

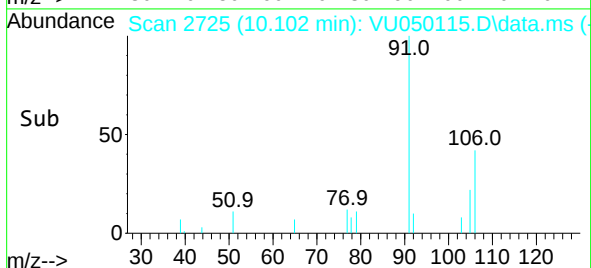
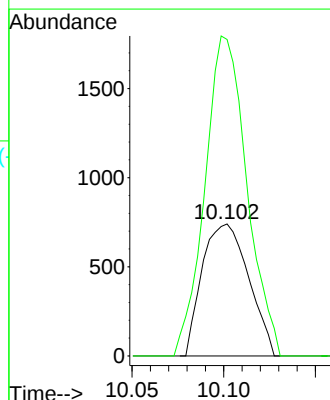
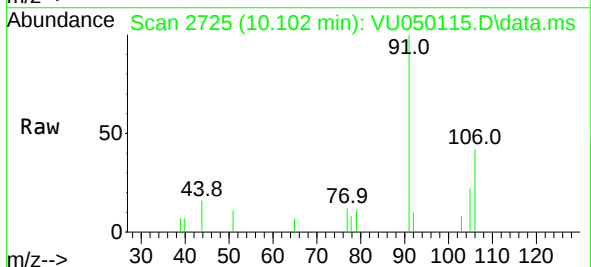
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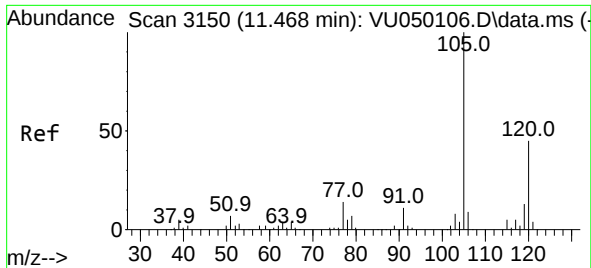
Tgt Ion:106 Resp: 4490
Ion Ratio Lower Upper
106 100
91 208.4 143.1 265.9



#54
o-Xylene
Concen: 0.122 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050115.D
Acq: 05 Aug 2022 23:40

Tgt Ion:106 Resp: 1303
Ion Ratio Lower Upper
106 100
91 239.9 149.4 277.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.139 ug/L
 RT: 11.468 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU050115.D
 Acq: 05 Aug 2022 23:40

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D98

Tgt Ion:105 Resp: 2559
 Ion Ratio Lower Upper
 105 100
 120 36.5 35.9 53.9

