

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050134.D
 Acq On : 08 Aug 2022 14:32
 Operator : SY/MD
 Sample : N4022-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D42

Quant Time: Aug 09 00:40:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 00:39:33 2022
 Response via : Initial Calibration

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

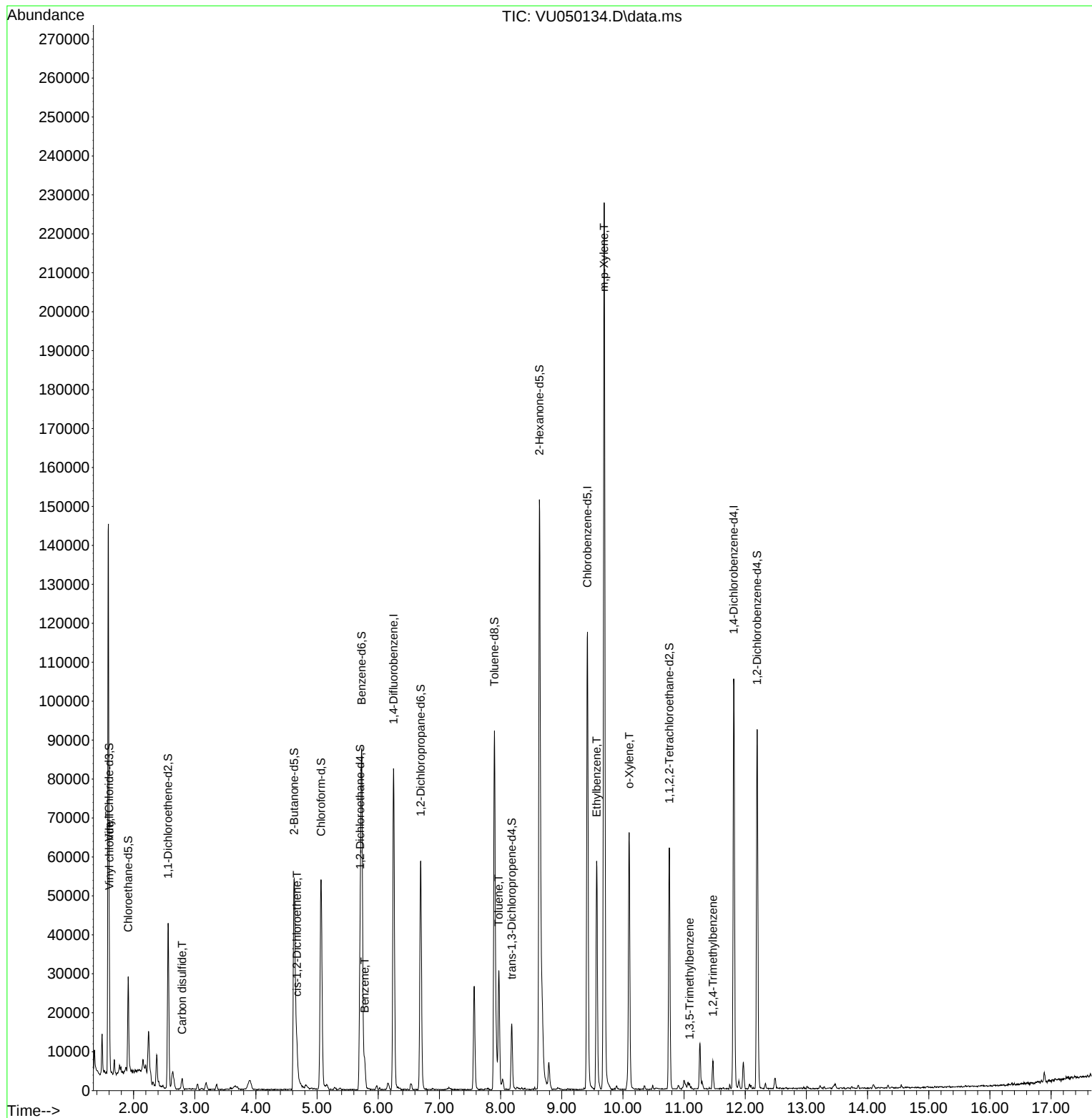
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	69815	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	69452	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	29256	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	19272	3.317	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.912	69	18208	3.884	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.565	65	8341	3.673	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	4.623	46	79347	56.003	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.000%
24) Chloroform-d	5.067	84	45016	4.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.703	65	25684	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.729	84	83750	3.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	6.694	67	30917	4.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.899	98	65815	3.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.800%#
43) trans-1,3-Dichloroprop...	8.182	79	10485	4.100	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.636	63	49595	54.683	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.360%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32116	5.124	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	25034	4.367	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
5) Vinyl chloride	1.604	62	2798	0.373	ug/L	# 79
14) Carbon disulfide	2.793	76	3792	0.220	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	3318	0.553	ug/L	84
33) Benzene	5.777	78	7314	0.301	ug/L	100
42) Toluene	7.970	91	22597	0.926	ug/L	100
52) Ethylbenzene	9.571	91	41852	1.757	ug/L	98
53) m,p-Xylene	9.693	106	66969	7.636	ug/L	98
54) o-Xylene	10.102	106	17801	2.033	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	1019	0.185	ug/L	97
63) 1,2,4-Trimethylbenzene	11.471	105	3883	0.258	ug/L	98

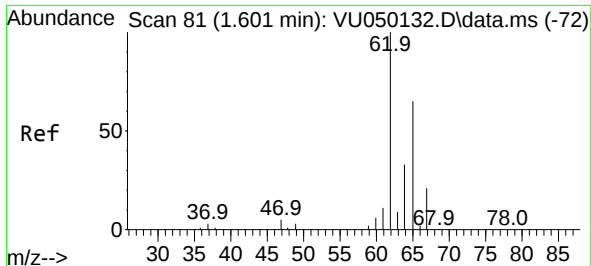
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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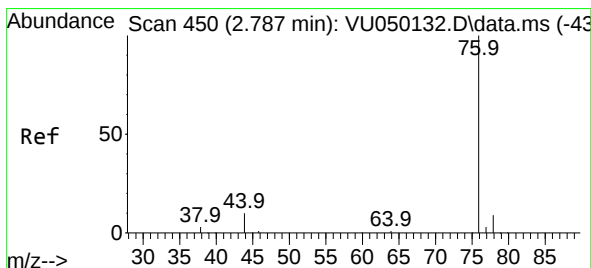
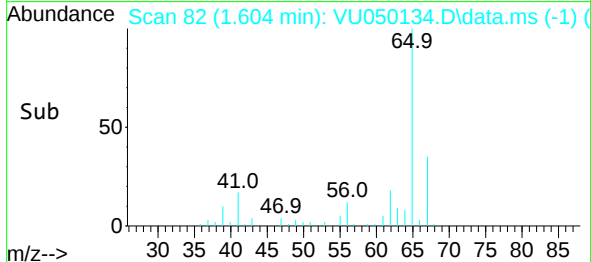
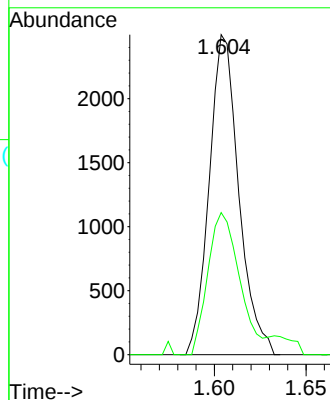
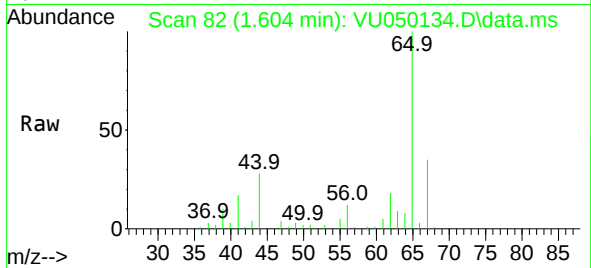




#5
 Vinyl chloride
 Concen: 0.373 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050134.D
 Acq: 08 Aug 2022 14:32

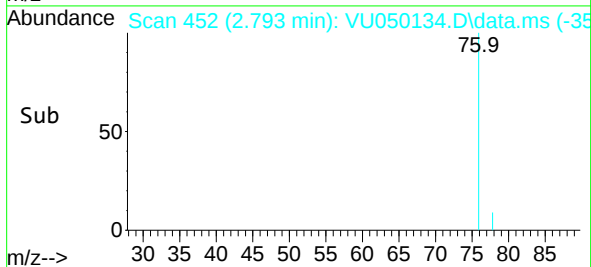
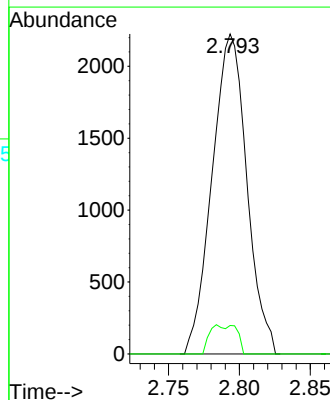
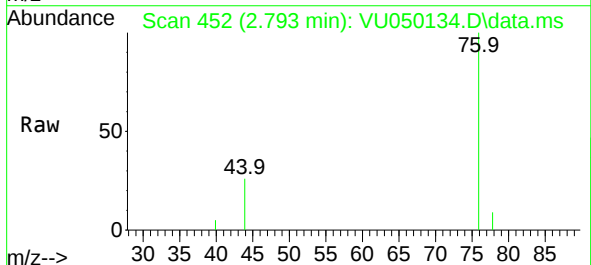
Instrument :
 MSVOA_U
 ClientSampleId :
 F5D42

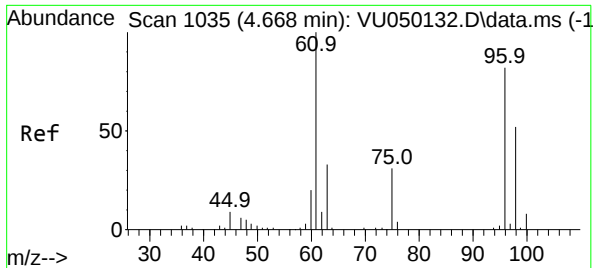
Tgt Ion: 62 Resp: 2798
 Ion Ratio Lower Upper
 62 100
 64 44.4 22.8 42.4#



#14
 Carbon disulfide
 Concen: 0.220 ug/L
 RT: 2.793 min Scan# 452
 Delta R.T. 0.006 min
 Lab File: VU050134.D
 Acq: 08 Aug 2022 14:32

Tgt Ion: 76 Resp: 3792
 Ion Ratio Lower Upper
 76 100
 78 8.9 7.4 11.0





#22

cis-1,2-Dichloroethene

Concen: 0.553 ug/L

RT: 4.671 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050134.D

Acq: 08 Aug 2022 14:32

Instrument :

MSVOA_U

ClientSampleId :

F5D42

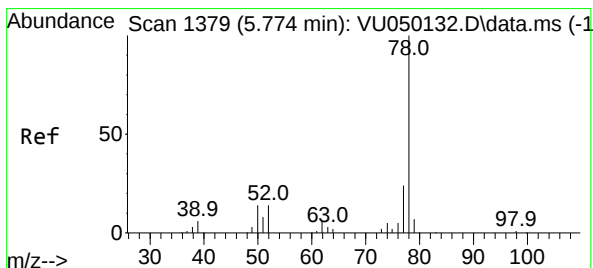
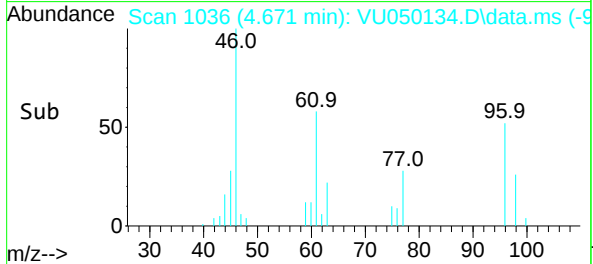
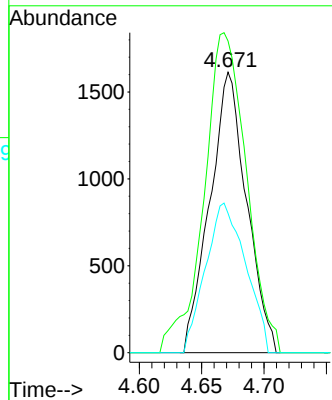
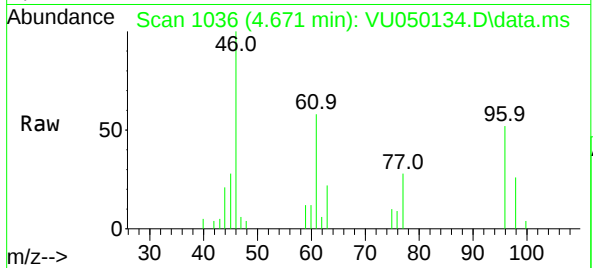
Tgt Ion: 96 Resp: 3318

Ion Ratio Lower Upper

96 100

61 111.1 89.0 165.4

98 49.7 45.2 84.0



#33

Benzene

Concen: 0.301 ug/L

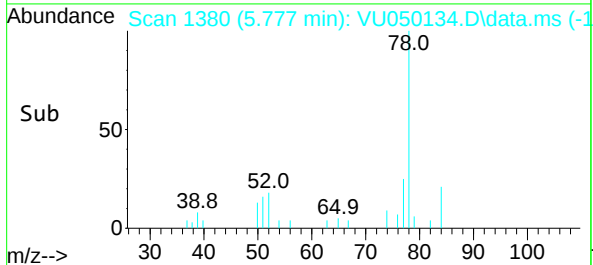
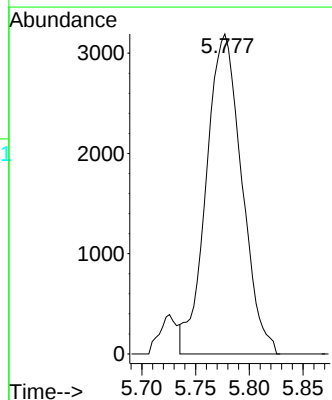
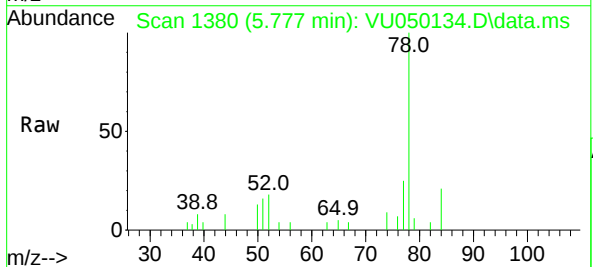
RT: 5.777 min Scan# 1380

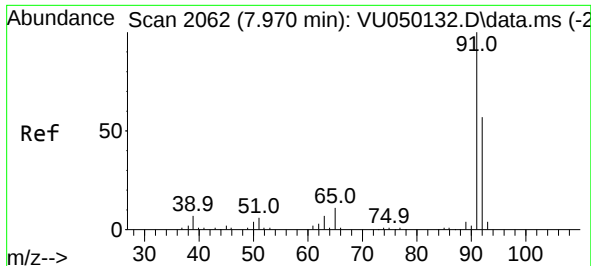
Delta R.T. 0.003 min

Lab File: VU050134.D

Acq: 08 Aug 2022 14:32

Tgt Ion: 78 Resp: 7314





#42

Toluene

Concen: 0.926 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU050134.D

Acq: 08 Aug 2022 14:32

Instrument :

MSVOA_U

ClientSampleId :

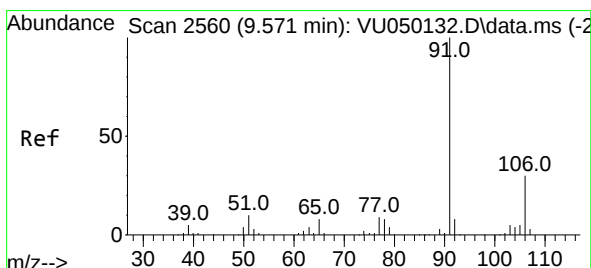
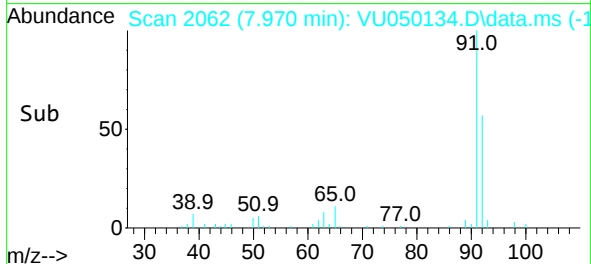
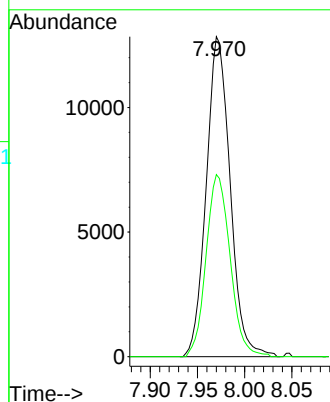
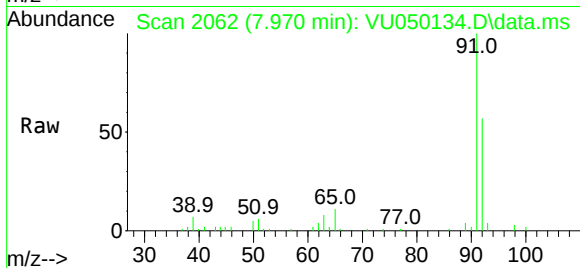
F5D42

Tgt Ion: 91 Resp: 22597

Ion Ratio Lower Upper

91 100

92 56.9 39.8 74.0



#52

Ethylbenzene

Concen: 1.757 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU050134.D

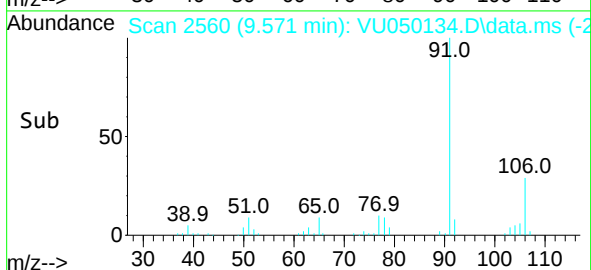
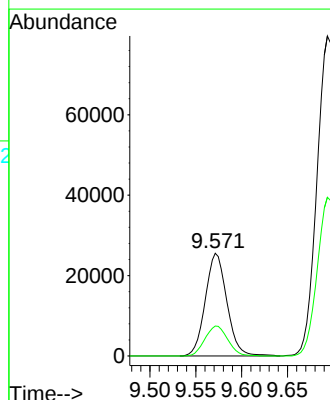
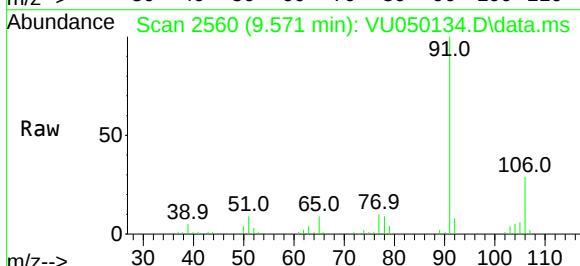
Acq: 08 Aug 2022 14:32

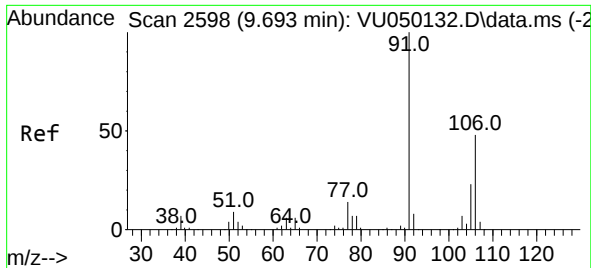
Tgt Ion: 91 Resp: 41852

Ion Ratio Lower Upper

91 100

106 29.1 21.3 39.5

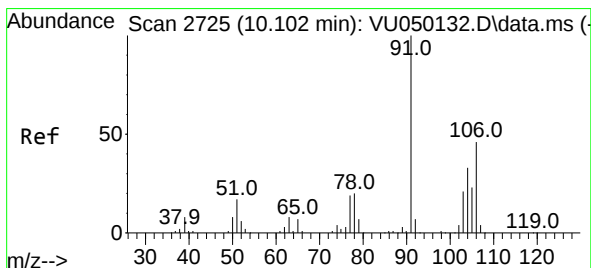
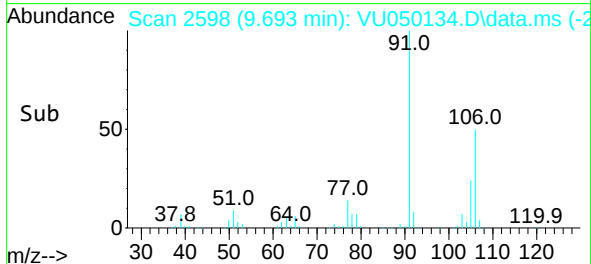
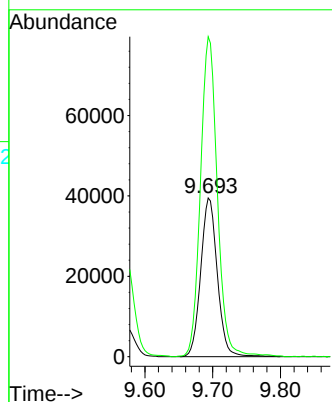
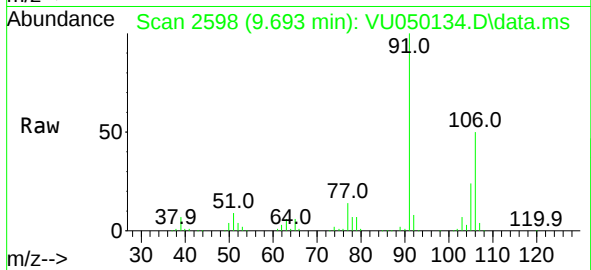




#53
m,p-Xylene
Concen: 7.636 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

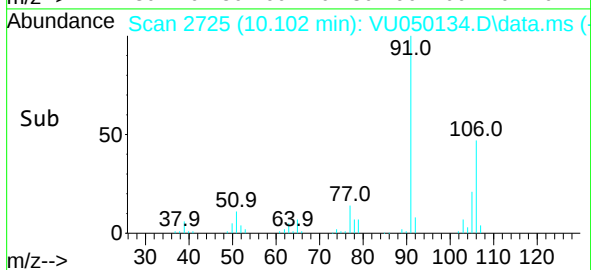
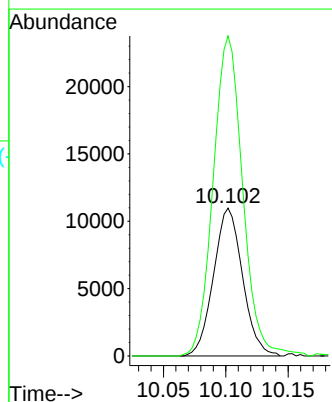
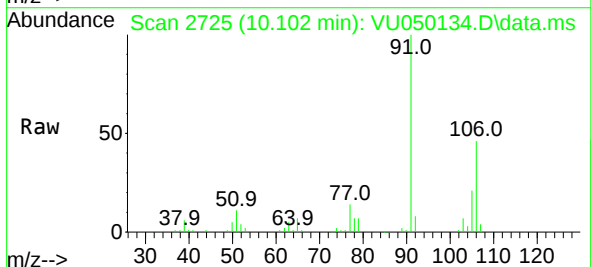
Instrument :
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ClientSampleId :
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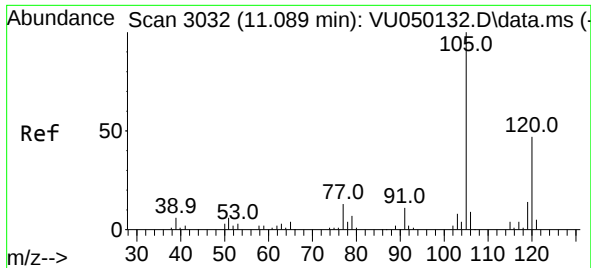
Tgt Ion:106 Resp: 66969
Ion Ratio Lower Upper
106 100
91 201.5 143.1 265.9



#54
o-Xylene
Concen: 2.033 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Tgt Ion:106 Resp: 17801
Ion Ratio Lower Upper
106 100
91 216.4 149.4 277.4

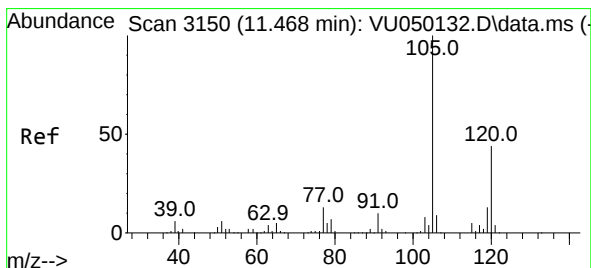
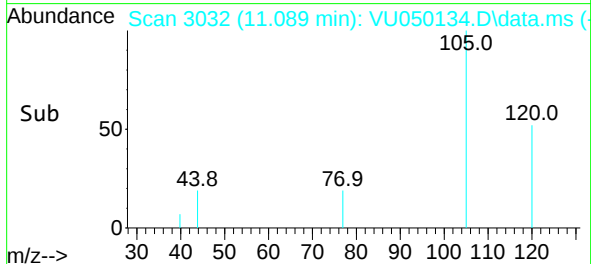
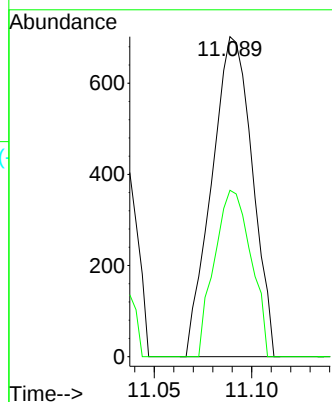
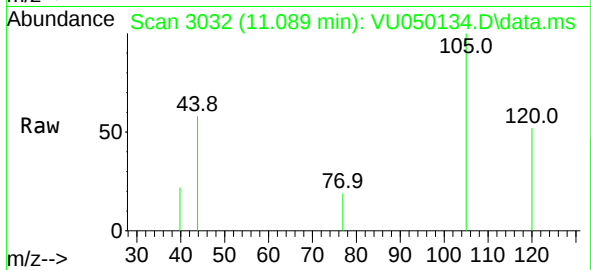




#62
1,3,5-Trimethylbenzene
Concen: 0.185 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU050134.D
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Instrument :
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Tgt Ion:105 Resp: 1019
Ion Ratio Lower Upper
105 100
120 46.6 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 0.258 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Tgt Ion:105 Resp: 3883
Ion Ratio Lower Upper
105 100
120 46.1 35.9 53.9

