

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
 Data File : VU051559.D
 Acq On : 27 Oct 2022 23:27
 Operator : JC/MD
 Sample : N5300-01DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA72DL

Quant Time: Oct 28 00:14:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 00:08:00 2022
 Response via : Initial Calibration

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

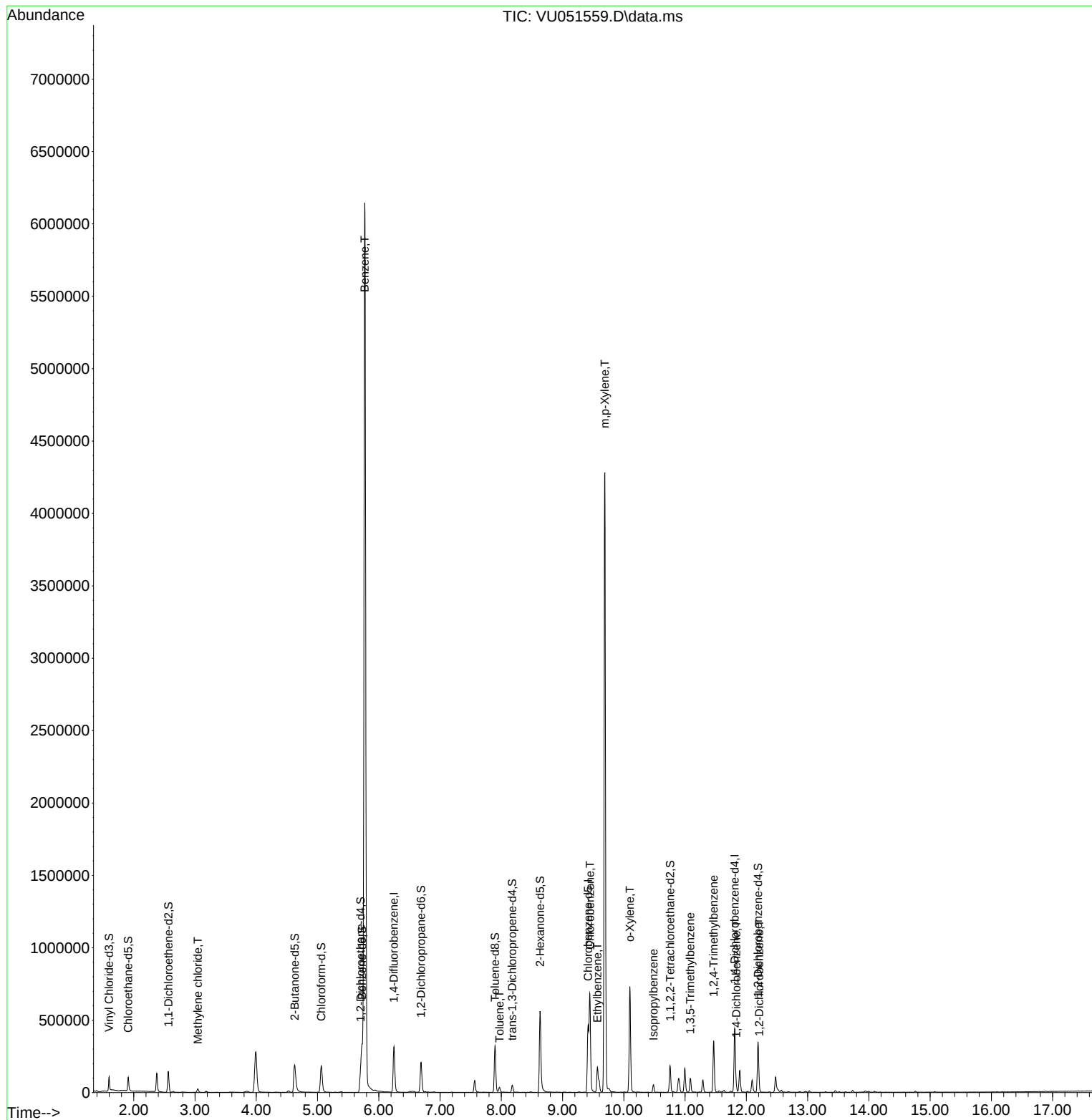
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	260960	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	254373	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	121440	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	70594	3.354	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.909	69	72929	4.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.565	65	25917	3.115	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.200%
20) 2-Butanone-d5	4.626	46	255970	55.231	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.460%
24) Chloroform-d	5.060	84	156218	3.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
26) 1,2-Dichloroethane-d4	5.703	65	87387	4.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.726	84	305410	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.690	67	102977	4.333	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.896	98	224812	3.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	8.179	79	28154	3.606	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.632	63	190208	72.281	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	144.560%#
56) 1,1,2,2-Tetrachloroeth...	10.754	84	93382	4.919	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	92539	4.384	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						Qvalue
16) Methylene chloride	3.044	84	12390	0.441	ug/L	95
33) Benzene	5.771	78	6044452	71.177	ug/L	100
42) Toluene	7.970	91	25751	0.286	ug/L	94
51) Chlorobenzene	9.446	112	372773	6.921	ug/L	98
52) Ethylbenzene	9.568	91	118668	1.465	ug/L	98
53) m,p-Xylene	9.690	106	1193016	37.975	ug/L	98
54) o-Xylene	10.099	106	201842	6.790	ug/L	97
60) Isopropylbenzene	10.484	105	33257	0.432	ug/L #	82
62) 1,3,5-Trimethylbenzene	11.086	105	51901	2.544	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	195956	3.396	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	13327	0.355	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	2744	0.074	ug/L	89

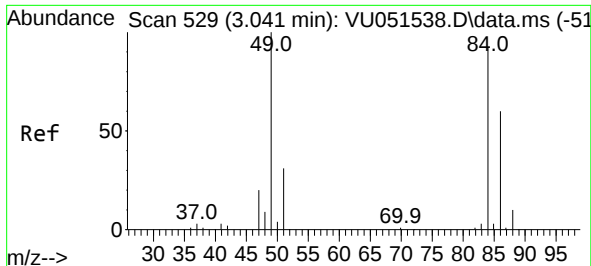
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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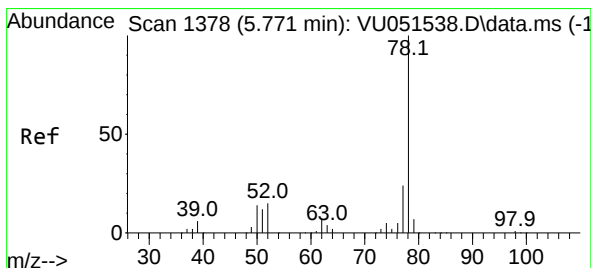
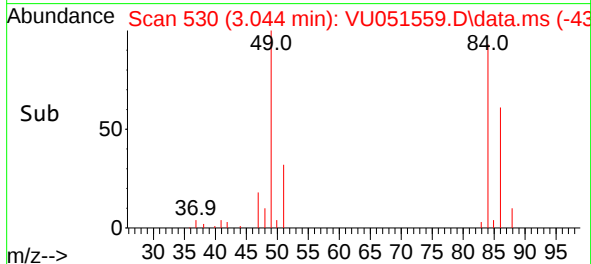
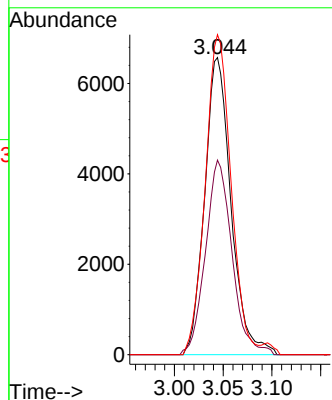
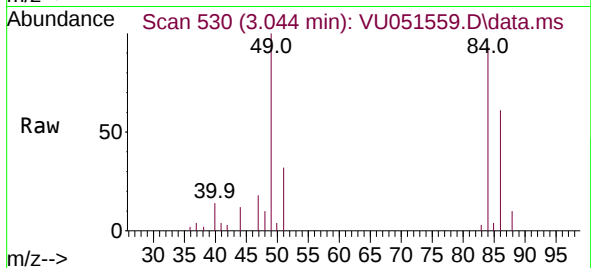




#16
Methylene chloride
Concen: 0.441 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051559.D
Acq: 27 Oct 2022 23:27

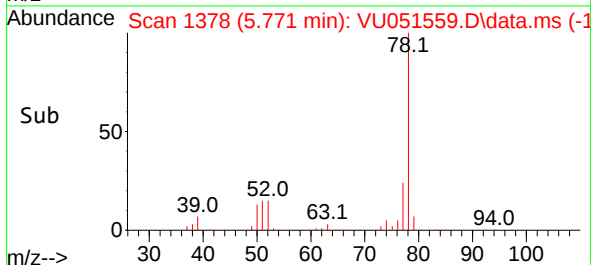
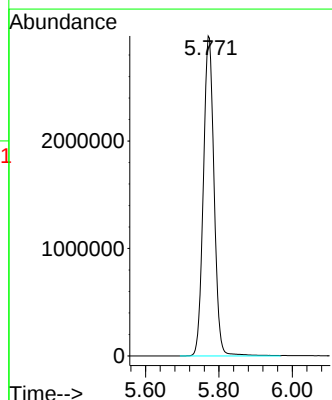
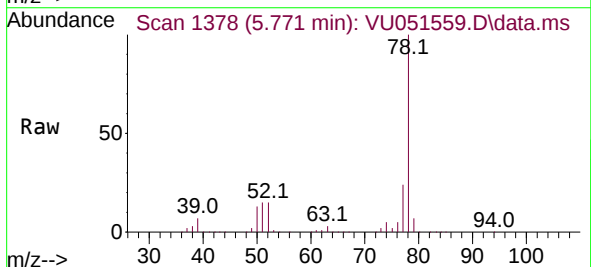
Instrument :
MSVOA_U
ClientSampleId :
BHA72DL

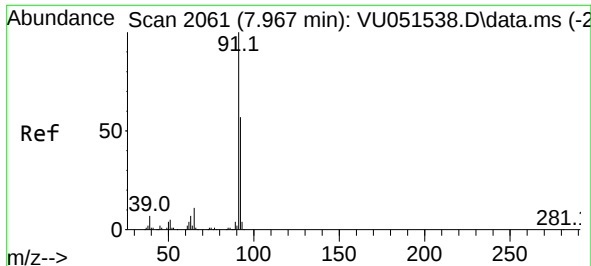
Tgt Ion: 84 Resp: 12390
Ion Ratio Lower Upper
84 100
86 65.5 46.5 86.3
49 107.7 81.3 151.1



#33
Benzene
Concen: 71.177 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051559.D
Acq: 27 Oct 2022 23:27

Tgt Ion: 78 Resp: 6044452





#42

Toluene

Concen: 0.286 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051559.D

Acq: 27 Oct 2022 23:27

Instrument :

MSVOA_U

ClientSampleId :

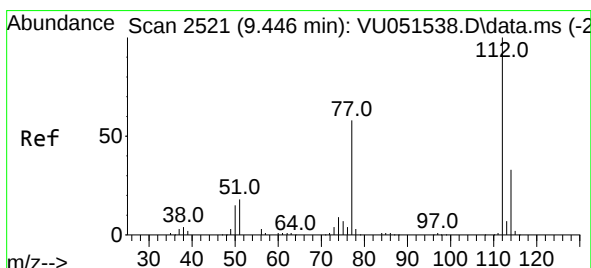
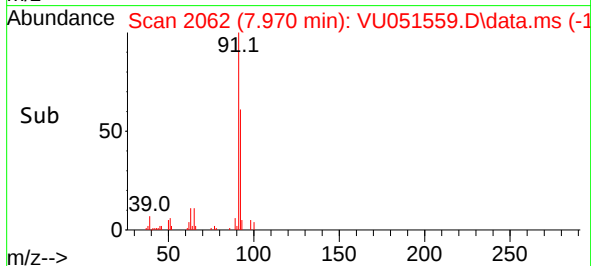
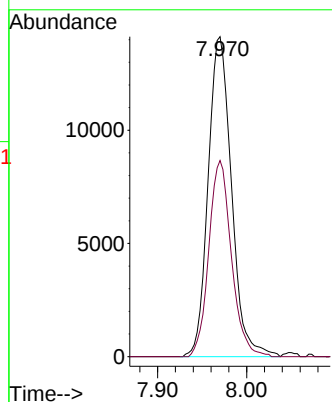
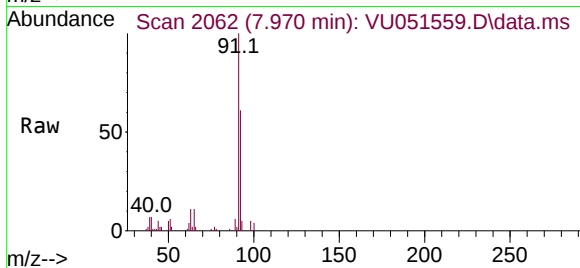
BHA72DL

Tgt Ion: 91 Resp: 25751

Ion Ratio Lower Upper

91 100

92 61.3 39.9 74.1



#51

Chlorobenzene

Concen: 6.921 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051559.D

Acq: 27 Oct 2022 23:27

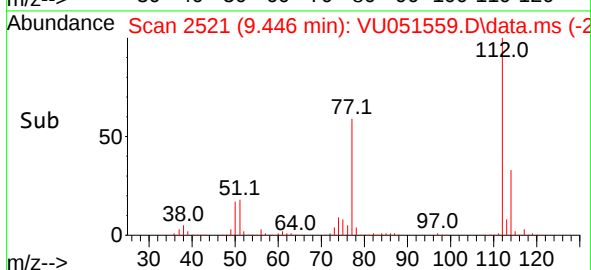
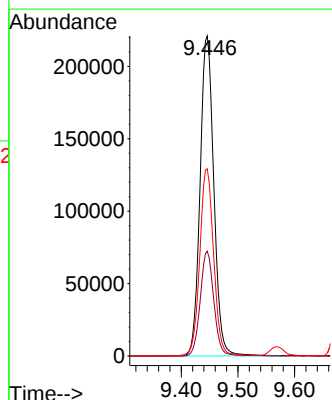
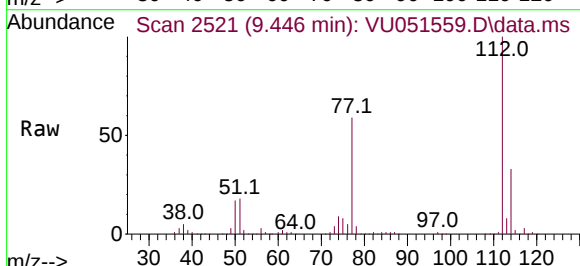
Tgt Ion: 112 Resp: 372773

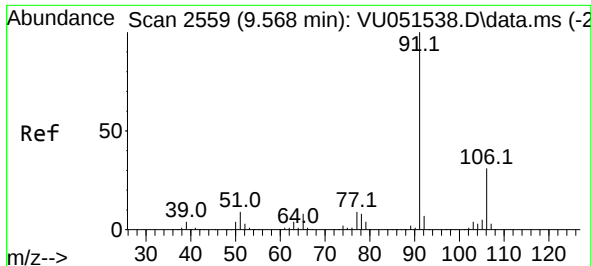
Ion Ratio Lower Upper

112 100

114 32.8 22.3 41.5

77 58.5 48.1 72.1





#52

Ethylbenzene

Concen: 1.465 ug/L

RT: 9.568 min Scan# 2559

Delta R.T. -0.000 min

Lab File: VU051559.D

Acq: 27 Oct 2022 23:27

Instrument :

MSVOA_U

ClientSampleId :

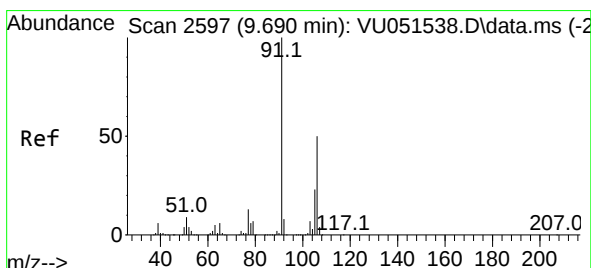
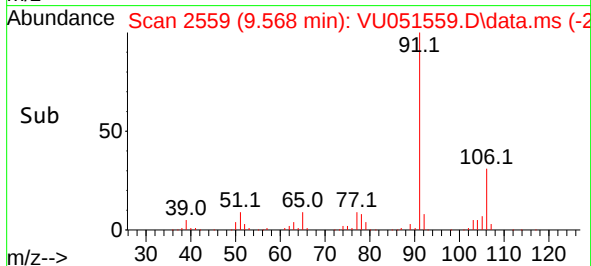
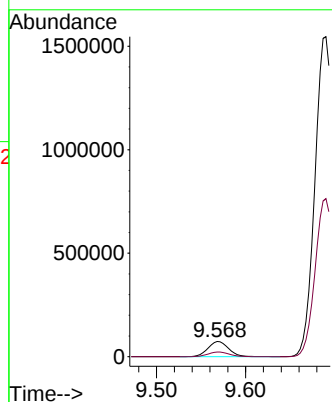
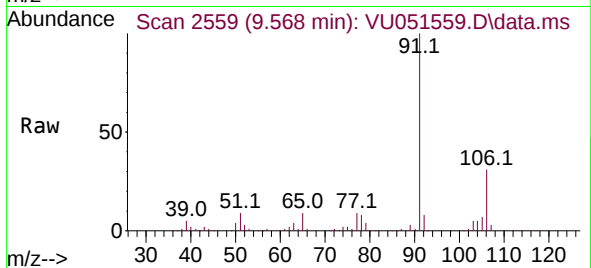
BHA72DL

Tgt Ion: 91 Resp: 118668

Ion Ratio Lower Upper

91 100

106 31.0 20.9 38.7



#53

m,p-Xylene

Concen: 37.975 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. -0.000 min

Lab File: VU051559.D

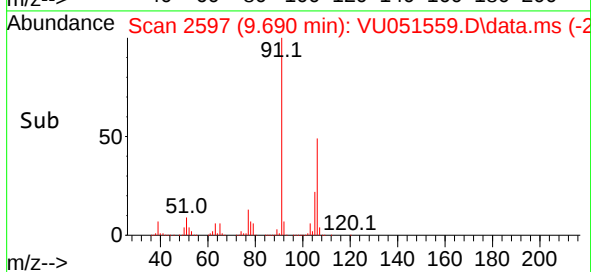
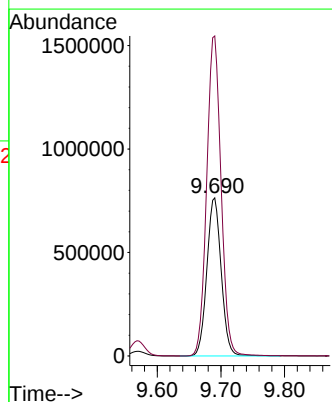
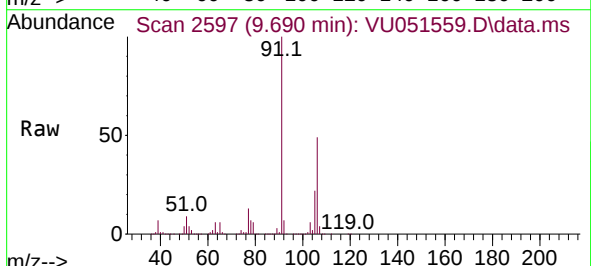
Acq: 27 Oct 2022 23:27

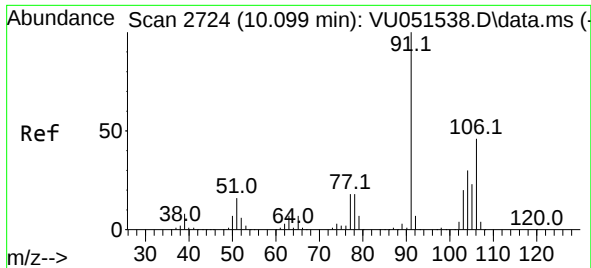
Tgt Ion: 106 Resp: 1193016

Ion Ratio Lower Upper

106 100

91 202.5 143.9 267.3

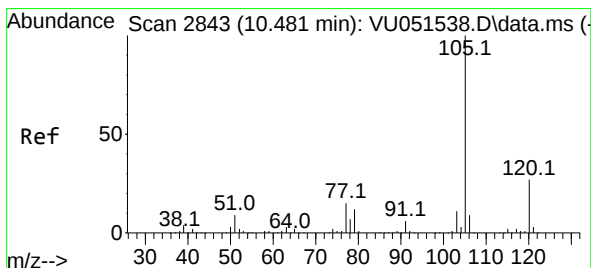
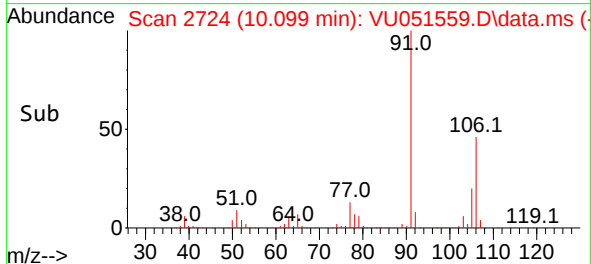
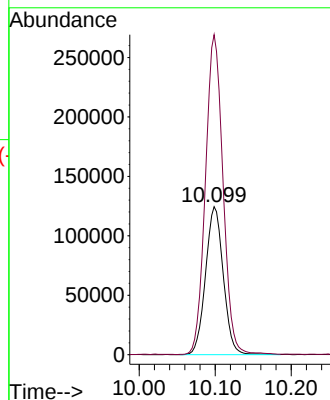
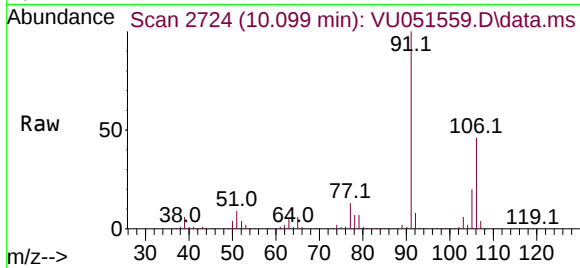




#54
o-Xylene
Concen: 6.790 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051559.D
Acq: 27 Oct 2022 23:27

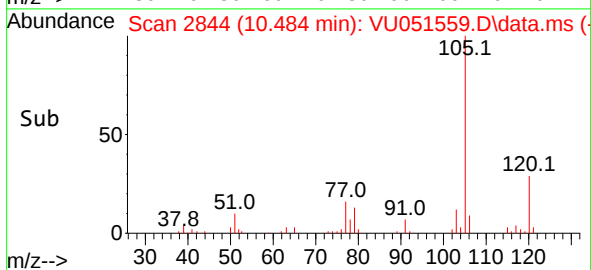
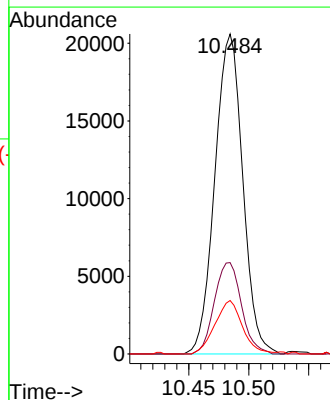
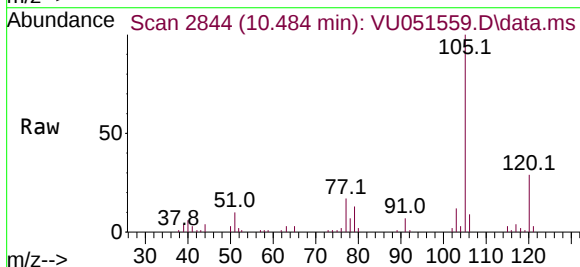
Instrument :
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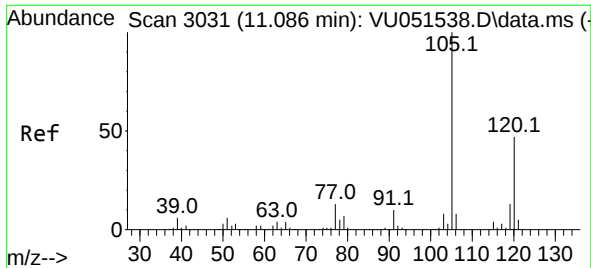
Tgt Ion:106 Resp: 201842
Ion Ratio Lower Upper
106 100
91 216.2 154.4 286.8



#60
Isopropylbenzene
Concen: 0.432 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU051559.D
Acq: 27 Oct 2022 23:27

Tgt Ion:105 Resp: 33257
Ion Ratio Lower Upper
105 100
120 27.7 20.6 30.8
77 0.0 13.5 20.3#

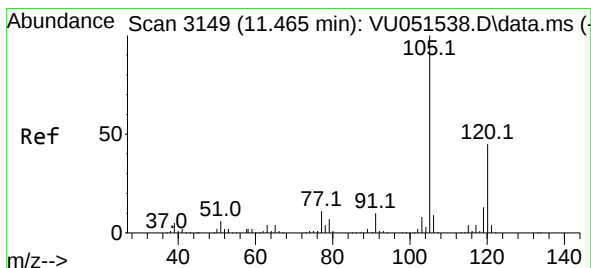
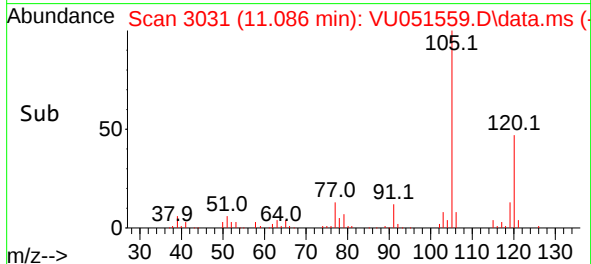
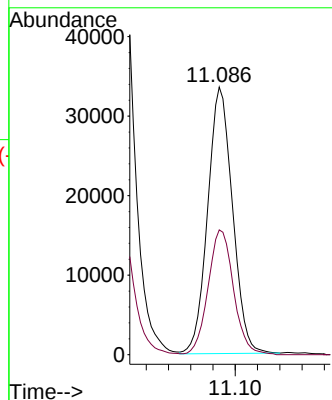
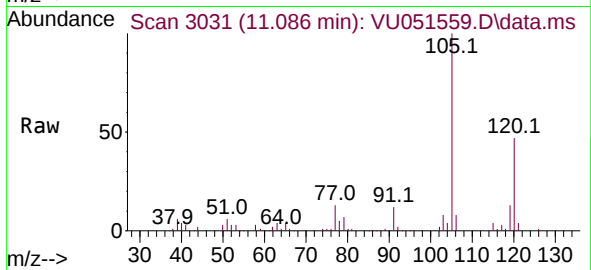




#62
1,3,5-Trimethylbenzene
Concen: 2.544 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051559.D
Acq: 27 Oct 2022 23:27

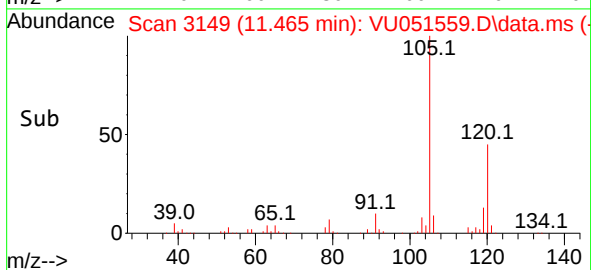
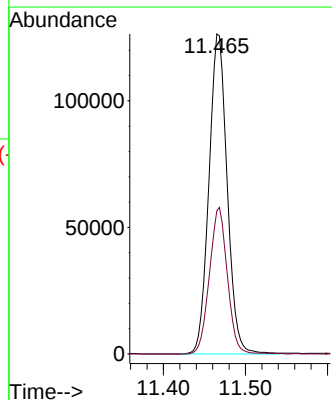
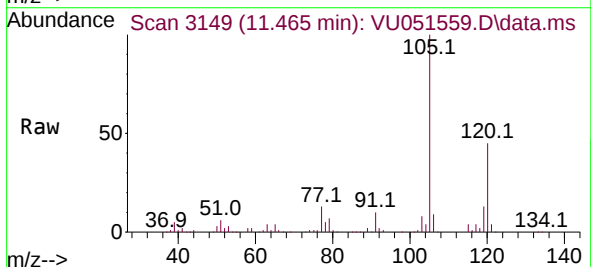
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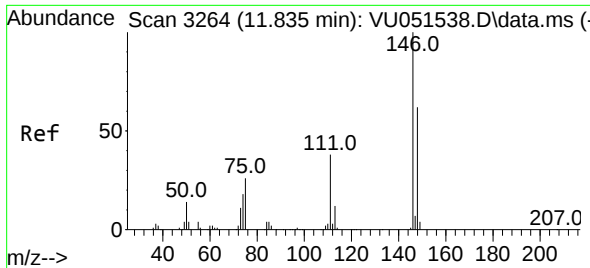
Tgt Ion:105 Resp: 51901
Ion Ratio Lower Upper
105 100
120 48.0 37.7 56.5



#63
1,2,4-Trimethylbenzene
Concen: 3.396 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051559.D
Acq: 27 Oct 2022 23:27

Tgt Ion:105 Resp: 195956
Ion Ratio Lower Upper
105 100
120 44.9 35.6 53.4

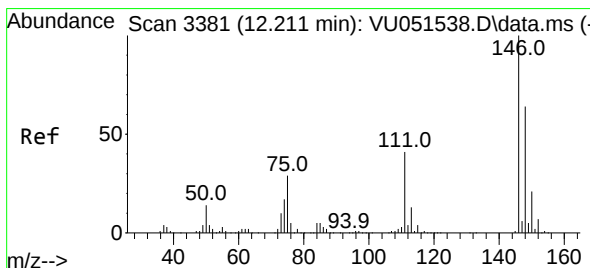
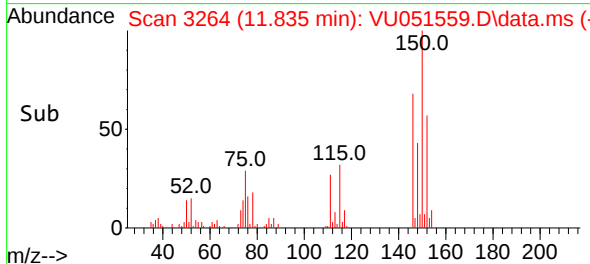
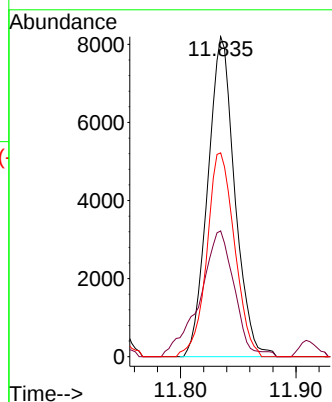
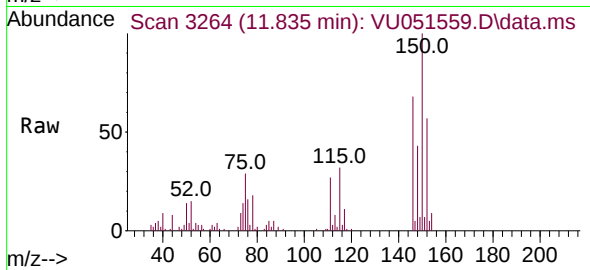




#65
1,4-Dichlorobenzene
Concen: 0.355 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051559.D
Acq: 27 Oct 2022 23:27

Instrument :
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Tgt Ion:146 Resp: 13327
Ion Ratio Lower Upper
146 100
111 39.3 29.1 54.1
148 63.7 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 0.074 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051559.D
Acq: 27 Oct 2022 23:27

Tgt Ion:146 Resp: 2744
Ion Ratio Lower Upper
146 100
111 51.6 35.5 53.3
148 71.8 50.9 76.3

